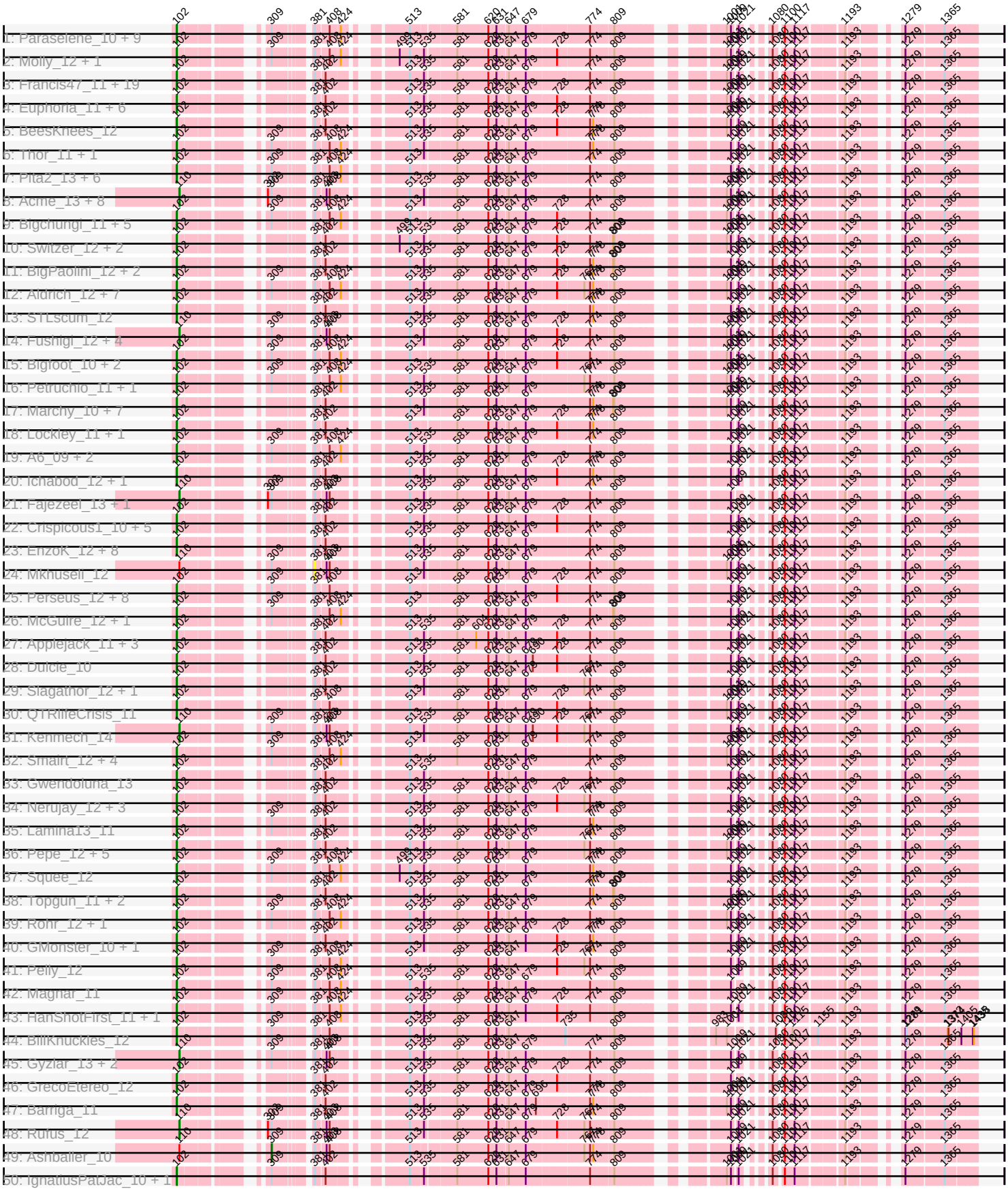
Pham 310994


1. Paraselene_10 + 9
2. Molly_12 + 1
3. Francis47_11 + 19
4. Euphoria_11 + 6
5. BeesKnees_12
6. Thor_11 + 1
7. Pita2_13 + 6
8. Acme_13 + 8
9. Bigchungi_11 + 5
10. Switzer_12 + 2
11. BigPaolini_12 + 2
12. Aldrich_12 + 7
13. STLscum_12
14. Fushigi_12 + 4
15. Bigfoot_10 + 2
16. Petruchio_11 + 1
17. Marchy_10 + 7
18. Lockley_11 + 1
19. A6_09 + 2
20. Ichabod_12 + 1
21. Fajezeel_13 + 1
22. Crispicous1_10 + 5
23. EnzoK_12 + 8
24. Mknusell_12
25. Perseus_12 + 8
26. McGuire_12 + 1
27. Applejack_11 + 3
28. Dulcie_10
29. Slagathor_12 + 1
30. QTRifleCrisis_11
31. Kenmech_14
32. Smairl_12 + 4
33. Gwendoluna_13
34. Nerujay_12 + 3
35. Lamina13_11
36. Pepe_12 + 5
37. Squee_12
38. Topgun_11 + 2
39. Rohr_12 + 1
40. GMonster_10 + 1
41. Pelly_12
42. Magnar_11
43. HanShotFirst_11 + 1
44. BillKnuckles_12
45. Gyzlar_13 + 2
46. GrecoEtereo_12
47. Barriga_11
48. Rufus_12
49. Ashballer_10
50. IgnatiusPatJac_10 + 1

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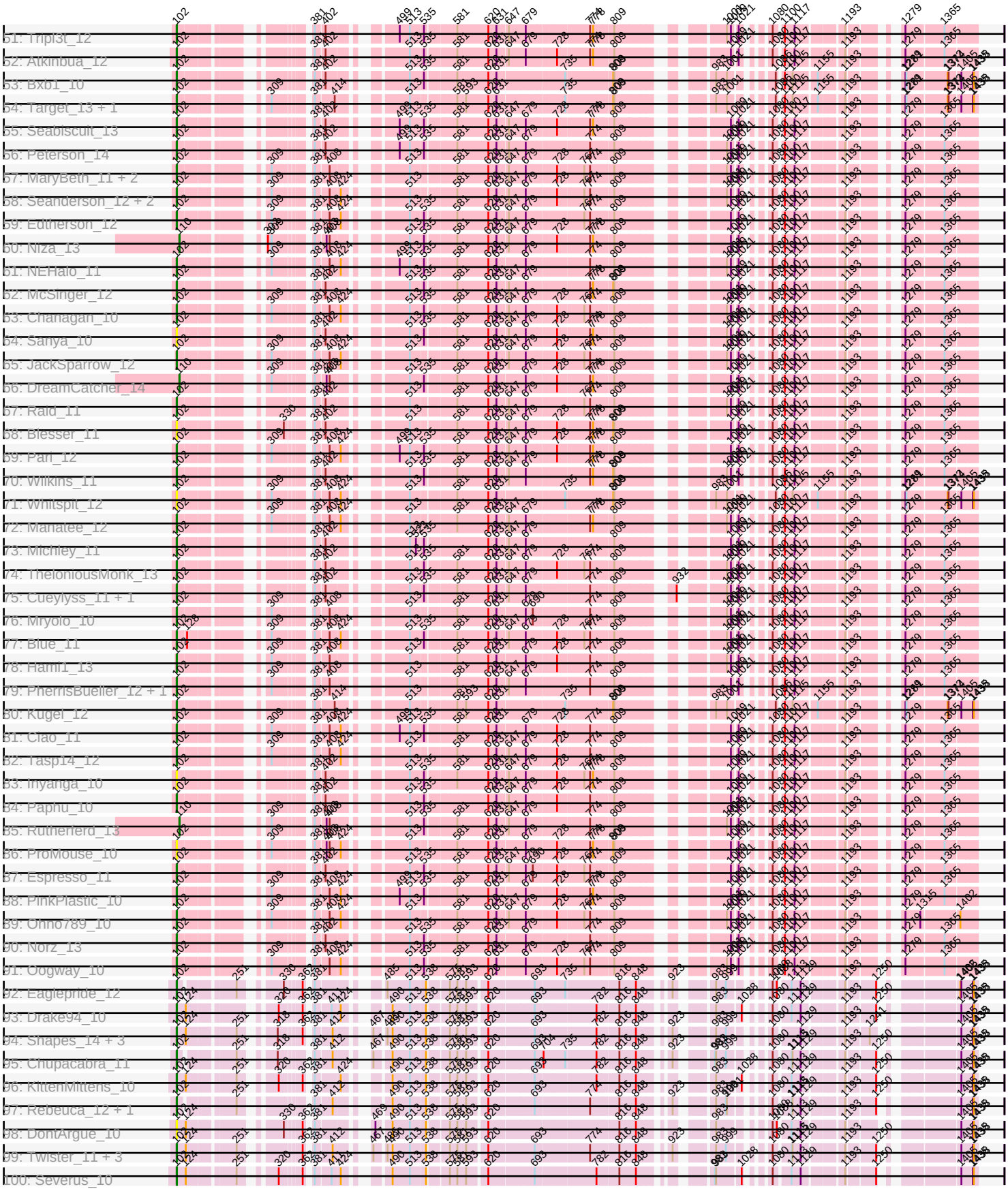

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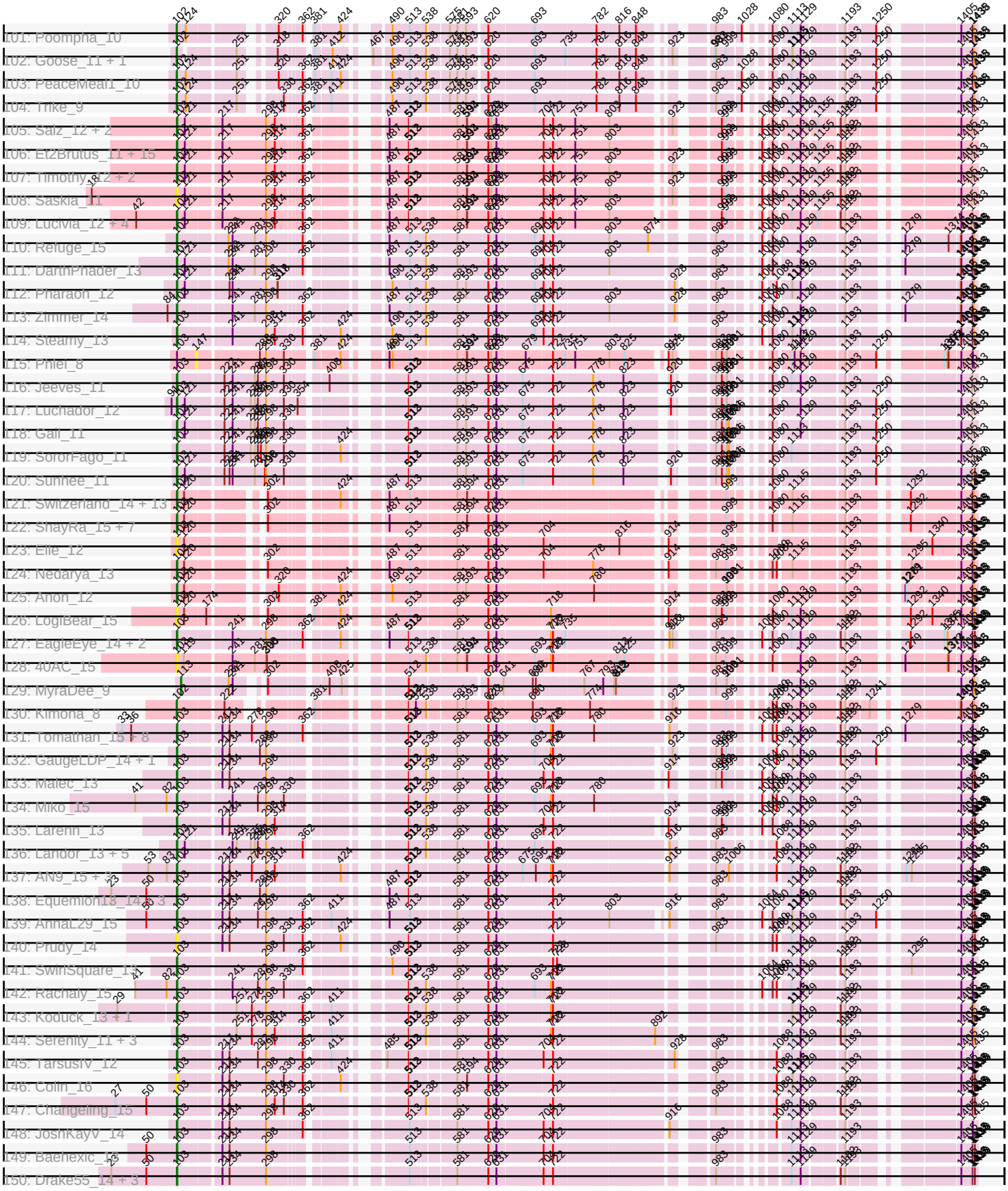

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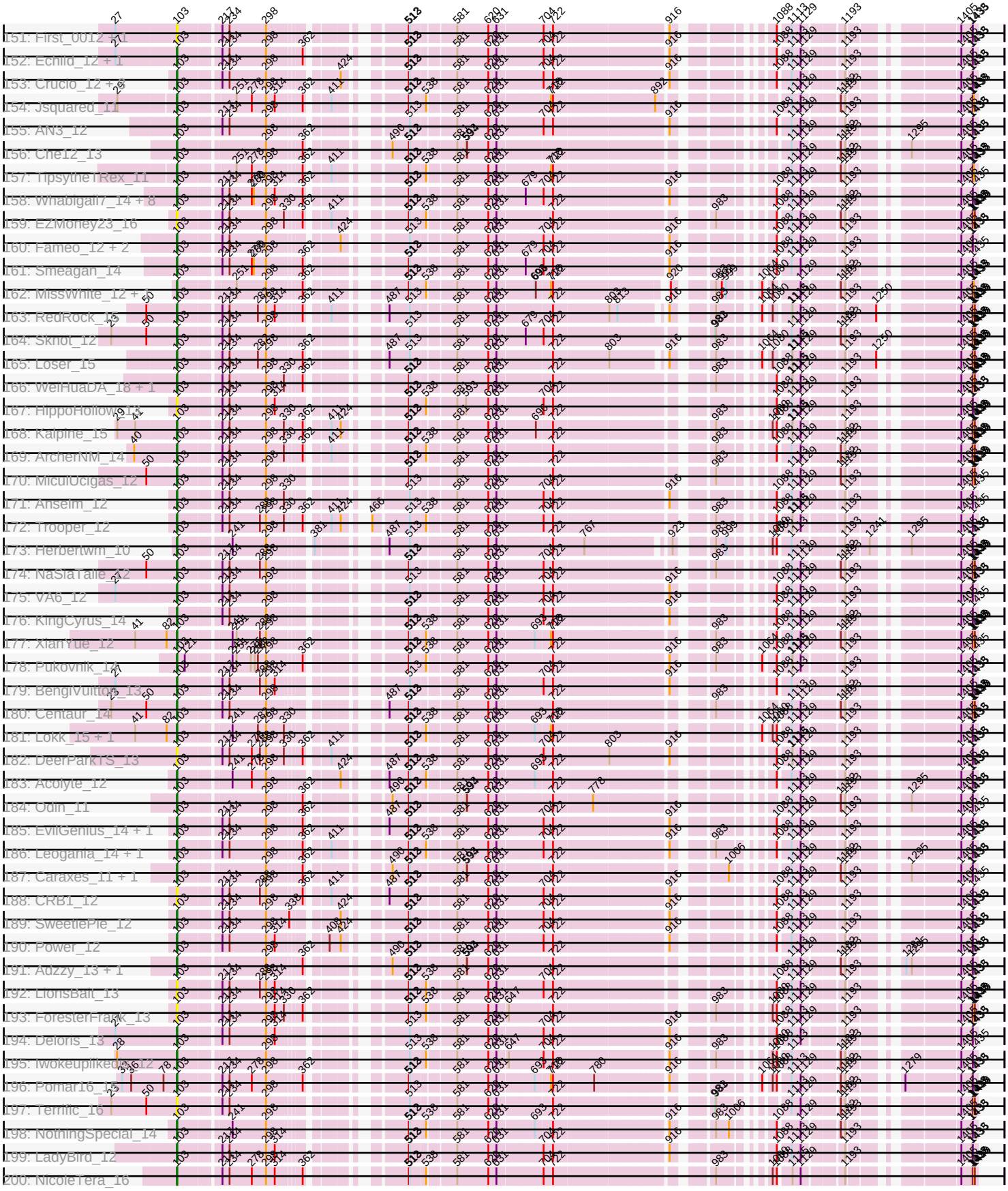

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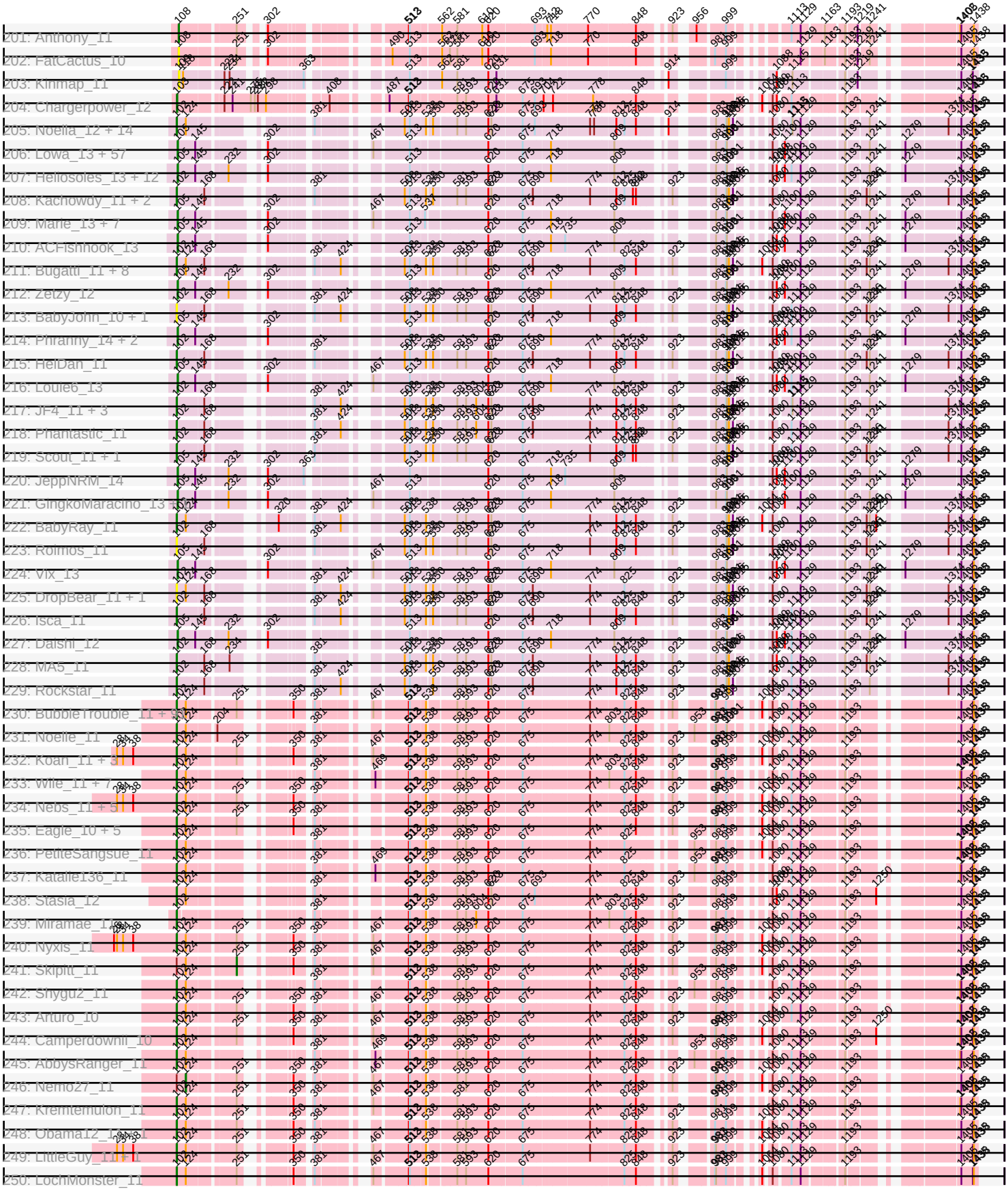

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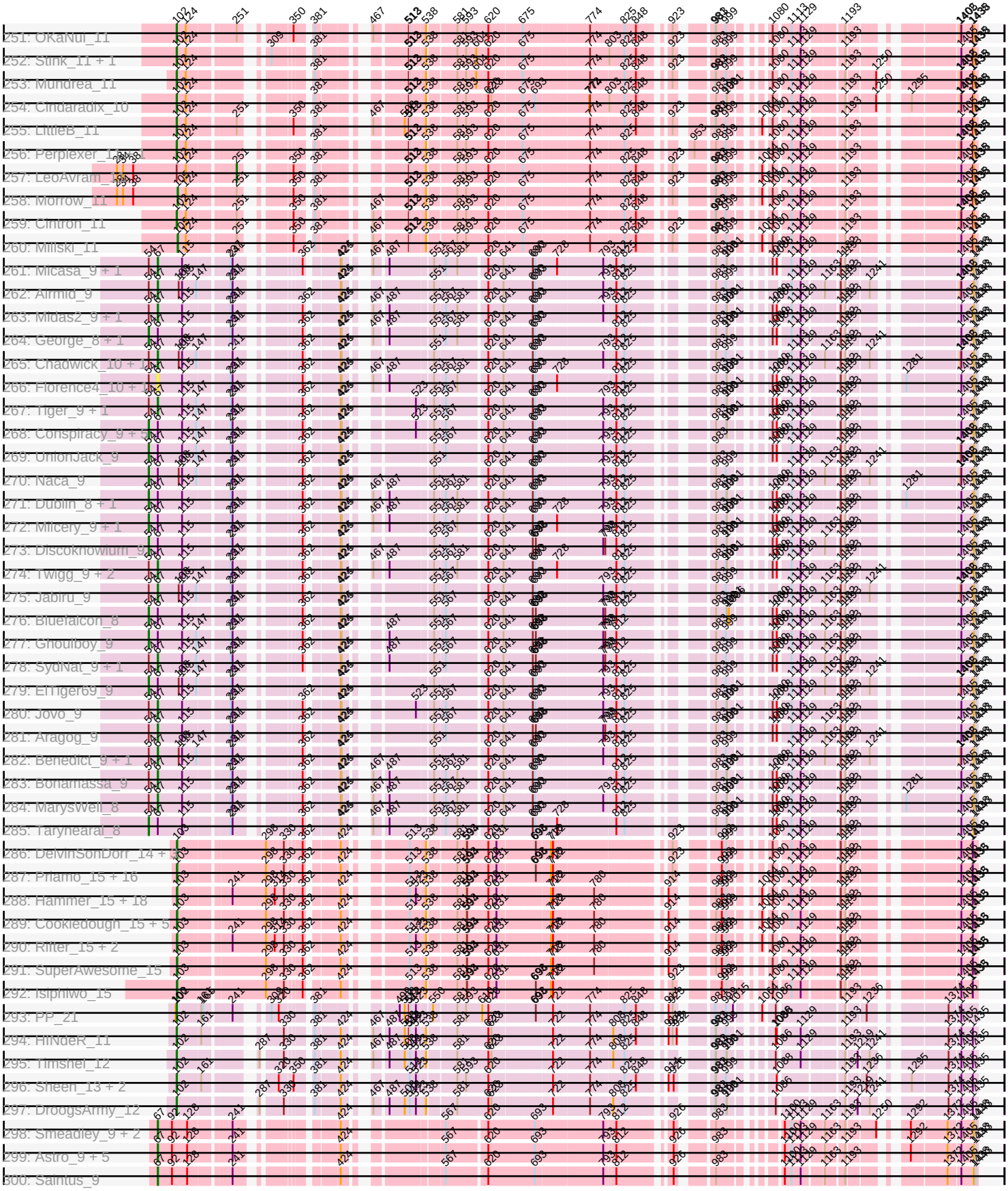

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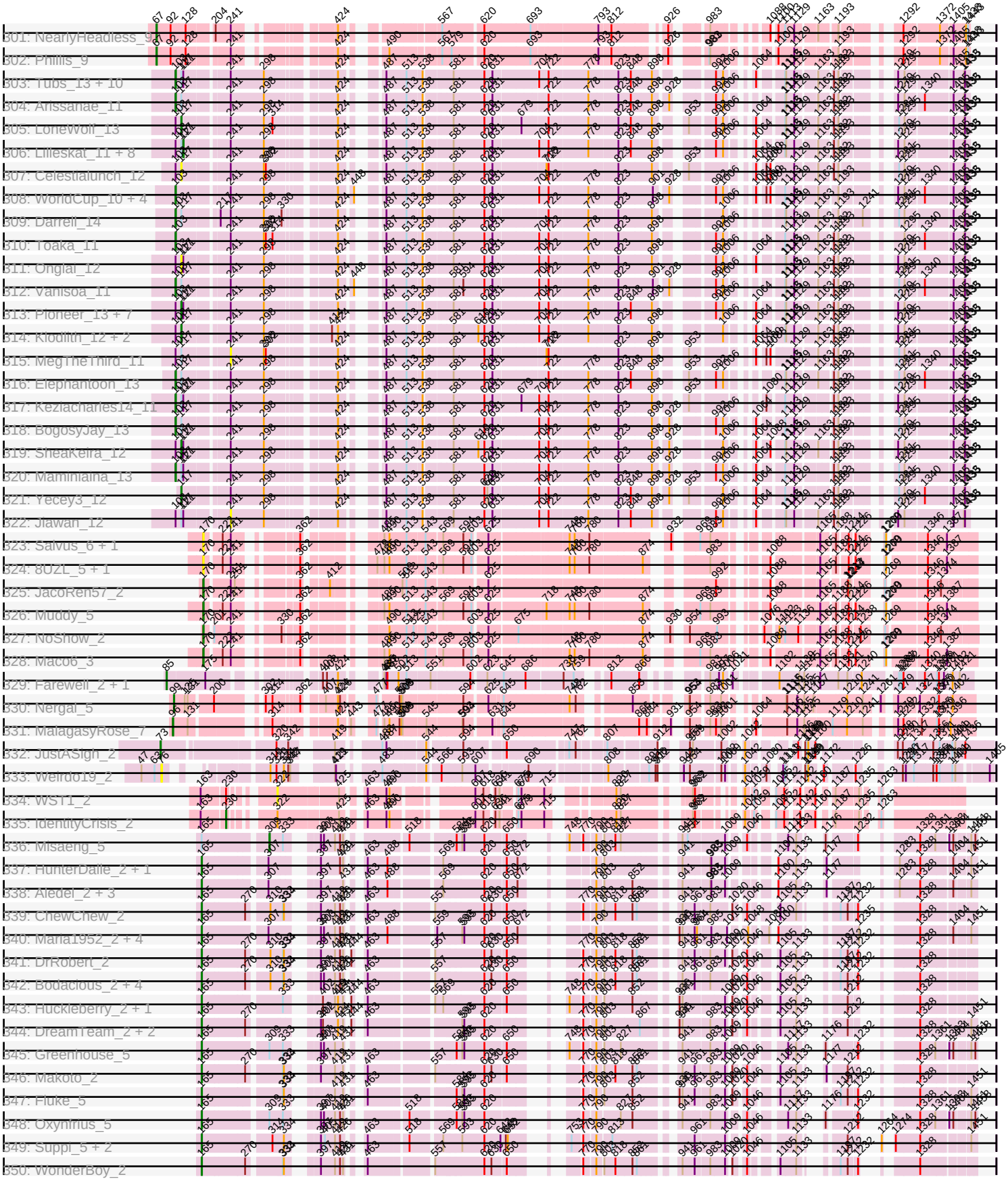

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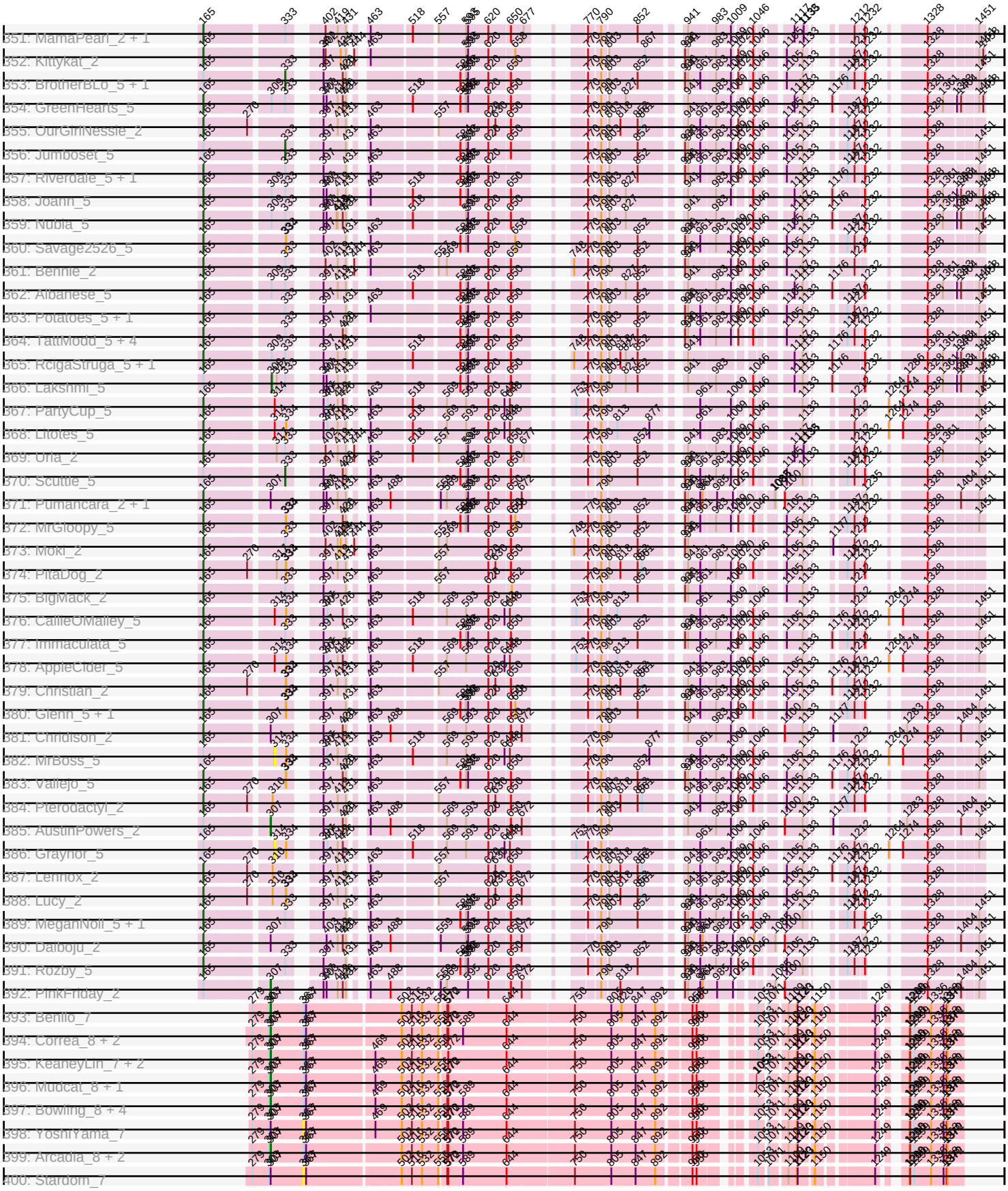
351: MamaPearl_2 + 1
352: Kittykat_2
353: BrotherBLo_5 + 1
354: GreenHearts_5
355: OurGirlNessie_2
356: Jumboset_5
357: Riverdale_5 + 1
358: Joann_5
359: Nubia_5
360: Savage2526_5
361: Bennie_2
362: Albanese_5
363: Potatoes_5 + 1
364: TattModd_5 + 4
365: RcigaStruga_5 + 1
366: Lakshmi_5
367: PartyCup_5
368: Litotes_5
369: Orla_2
370: Scuttle_5
371: Pumancara_2 + 1
372: MrGloopy_5
373: Moki_2
374: PitaDog_2
375: BigMack_2
376: CallieOMalley_5
377: Immaculata_5
378: AppleCider_5
379: Christian_2
380: Glenn_5 + 1
381: Chridison_2
382: MrBoss_5
383: Vallejo_5
384: Pterodactyl_2
385: AustinPowers_2
386: Graynor_5
387: Lennox_2
388: Lucy_2
389: MeganNoll_5 + 1
390: Daiboju_2
391: Rozby_5
392: PinkFriday_2
393: Benilo_7
394: Correa_8 + 2
395: KeaneyLin_7 + 2
396: Muddcat_8 + 1
397: Bowling_8 + 4
398: YoshiYama_7
399: Arcadia_8 + 2
400: Stardom_7

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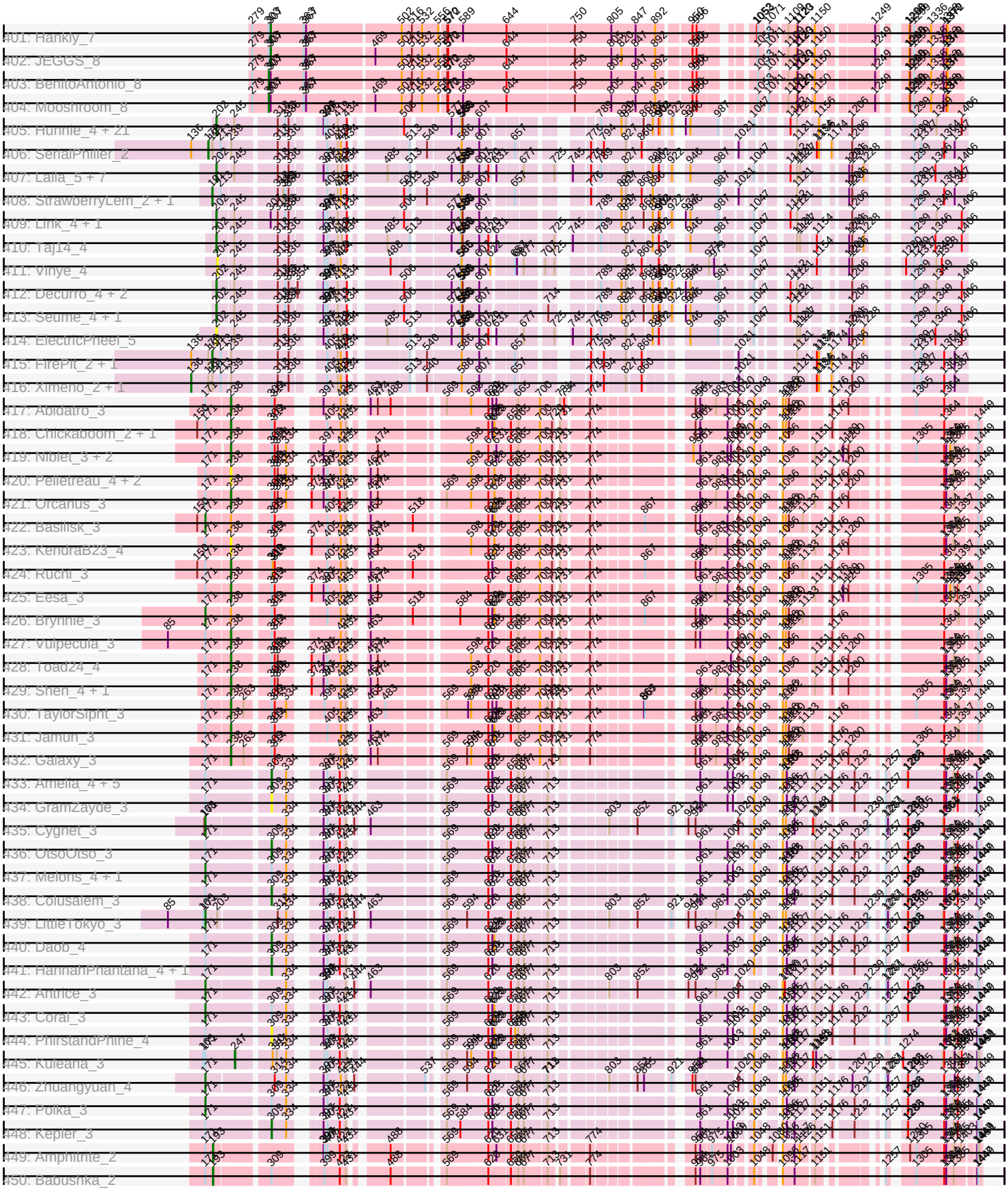
401: Hankly_7
402: JEGGS_8
403: BenitoAntonio_8
404: Mooshroom_8
405: Runnie_4 + 21
406: SerialPhiller_2
407: Laila_5 + 7
408: StrawberryLem_2 + 1
409: Link_4 + 1
410: Taj14_4
411: Vinye_4
412: Decurro_4 + 2
413: Seume_4 + 1
414: ElectricPheel_5
415: FirePit_2 + 1
416: Ximeno_2 + 1
417: Abidatro_3
418: Chickaboom_2 + 1
419: Niblet_3 + 2
420: Pelletreau_4 + 2
421: Orcanus_3
422: Basilisk_3
423: KendraB23_4
424: Ruchi_3
425: Eesa_3
426: Brynnie_3
427: Vulpecula_3
428: Toad24_4
429: Shen_4 + 1
430: TaylorSipht_3
431: Jamun_3
432: Galaxy_3
433: Amelia_4 + 5
434: GramZayde_3
435: Cygnet_3
436: OtsoOtso_3
437: Melons_4 + 1
438: Colusalem_3
439: LittleTokyo_3
440: Daob_4
441: HannahPhantana_4 + 1
442: Antrice_3
443: Coral_3
444: PhirstandPhine_4
445: Kuleana_3
446: Zhuangyuan_4
447: Polka_3
448: Kepler_3
449: Amphitrite_2
450: Babushka_2

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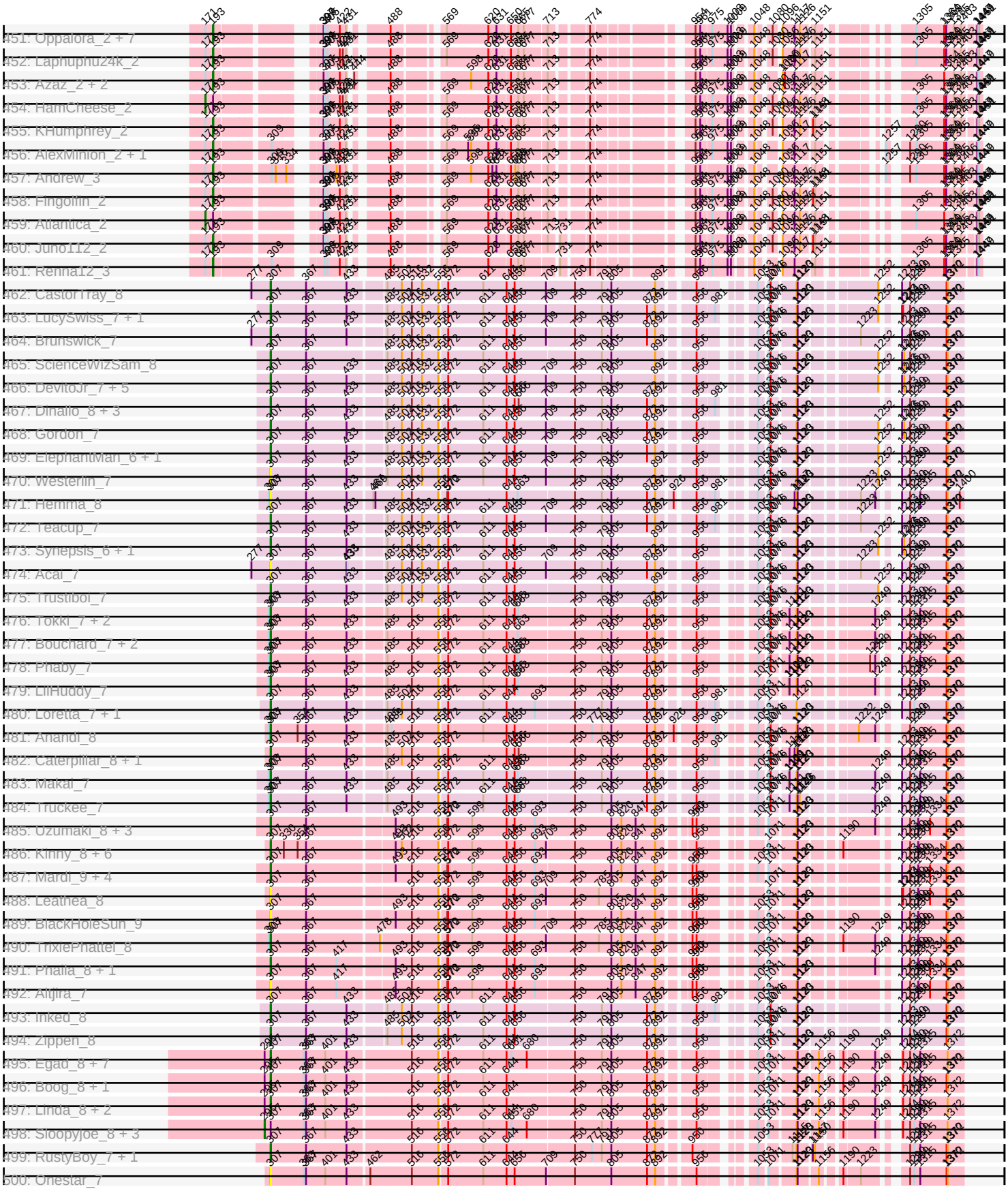
451: Oppalora_2 + 7
452: Laphuphu24k_2
453: Azaz_2 + 2
454: HamCheese_2
455: KHumphrey_2
456: AlexMinion_2 + 1
457: Andrew_3
458: Fingolfin_2
459: Atlantica_2
460: Juno112_2
461: Renna12_3
462: CastorTray_8
463: LucySwiss_7 + 1
464: Brunswick_7
465: ScienceWizSam_8
466: DevitoJr_7 + 5
467: Dinallo_8 + 3
468: Gordon_7
469: ElephantMan_6 + 1
470: Westerlin_7
471: Hemma_8
472: Teacup_7
473: Synepsis_6 + 1
474: Acai_7
475: Trustiboi_7
476: Tokki_7 + 2
477: Bouchard_7 + 2
478: Phaby_7
479: LilHuddy_7
480: Loretta_7 + 1
481: Anandi_8
482: Caterpillar_8 + 1
483: Makai_7
484: Truckee_7
485: Uzumaki_8 + 3
486: Kinny_8 + 6
487: Mardi_9 + 4
488: Leathea_8
489: BlackHoleSun_9
490: TrixiePhattel_8
491: Phalia_8 + 1
492: Altjira_7
493: Inked_8
494: Zippen_8
495: Egad_8 + 7
496: Boog_8 + 1
497: Linda_8 + 2
498: SloopyJoe_8 + 3
499: RustyBoy_7 + 1
500: Onestar_7

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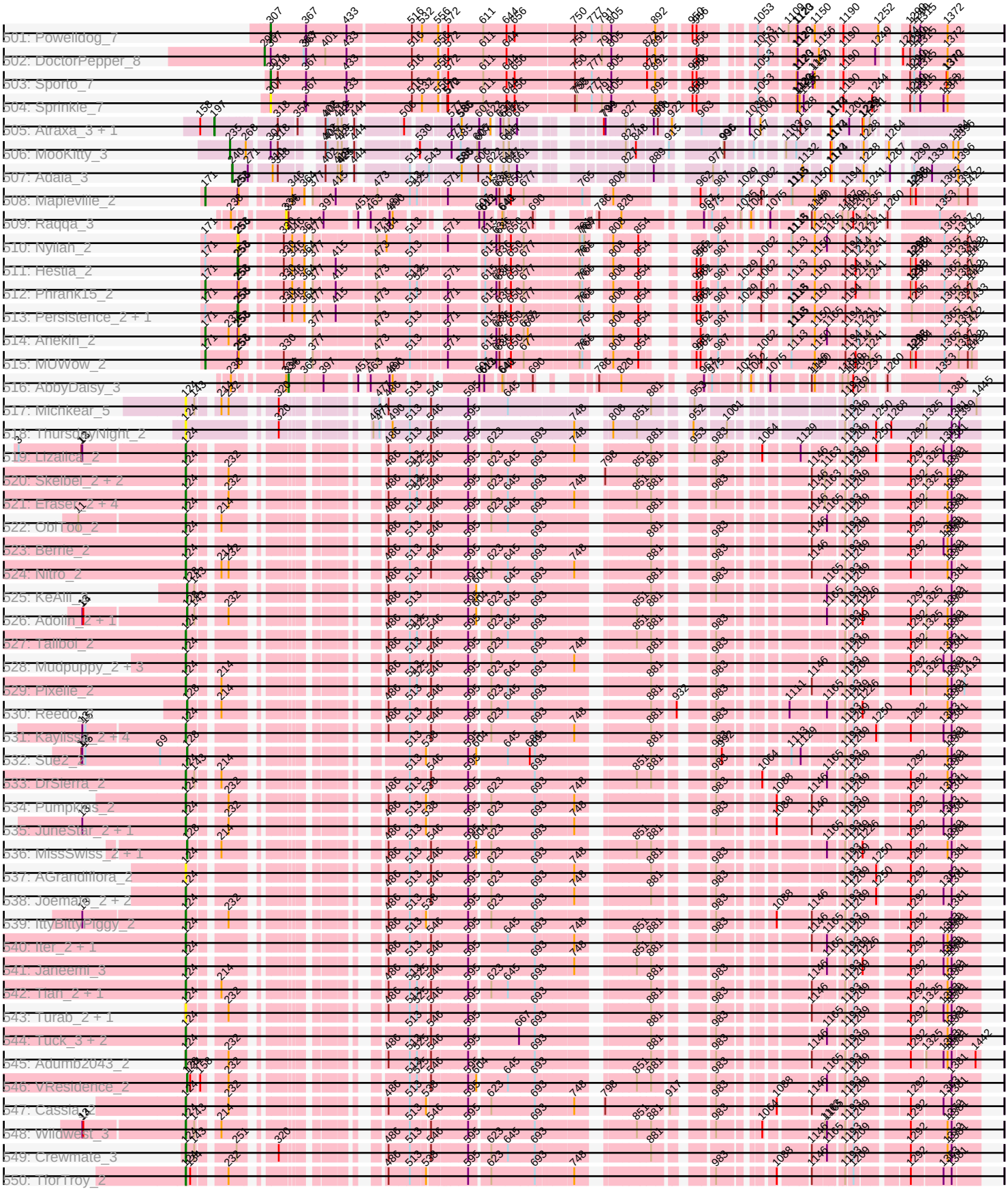

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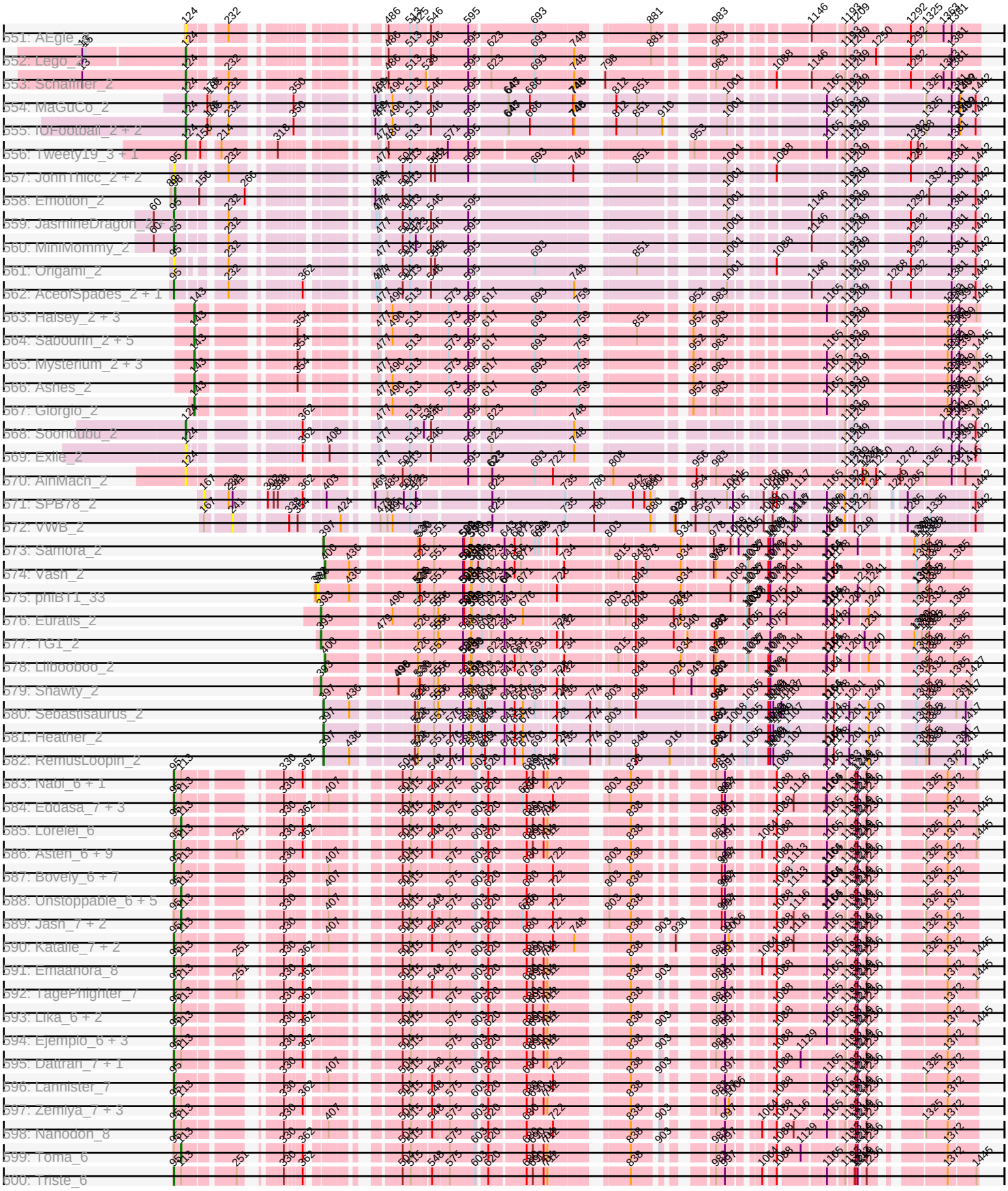

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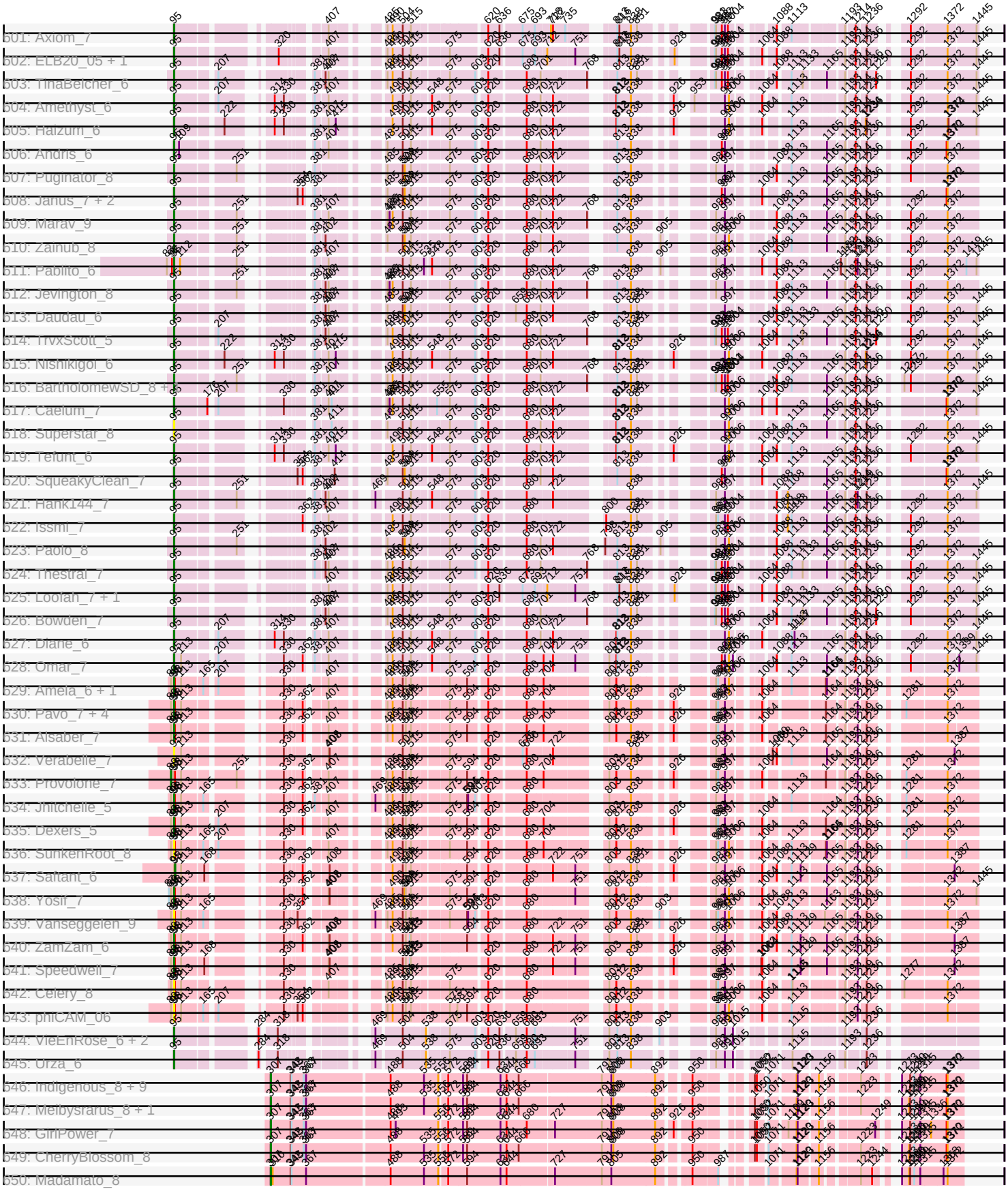
601: Axiom_7
602: ELB20_05 + 1
603: TinaBelcher_6
604: Amethyst_6
605: Haizum_6
606: Andris_6
607: Puginator_8
608: Janus_7 + 2
609: Marav_9
610: Zainub_8
611: Pablito_6
612: Jevington_8
613: Daudau_6
614: TrvxScott_5
615: Nishikigoi_6
616: BartholomewSD_8 + 1
617: Caelum_7
618: Superstar_8
619: Telunt_6
620: SqueakyClean_7
621: Rank144_7
622: Issmi_7
623: Pablo_8
624: Thestral_7
625: Loofah_7 + 1
626: Bowden_7
627: Diane_6
628: Omar_7
629: Amela_6 + 1
630: Pavo_7 + 4
631: Alsaber_7
632: Verabelle_7
633: Provolone_7
634: Jhitchelle_5
635: Dexers_5
636: SunkenRoot_8
637: Saltant_6
638: Yosif_7
639: Vanseggelen_9
640: ZamZam_6
641: Speedwell_7
642: Celery_8
643: phiCAM_06
644: VieEnRose_6 + 2
645: Urza_6
646: Indigenous_8 + 9
647: Melbysfarus_8 + 1
648: GirlPower_7
649: CherryBlossom_8
650: Madamato_8

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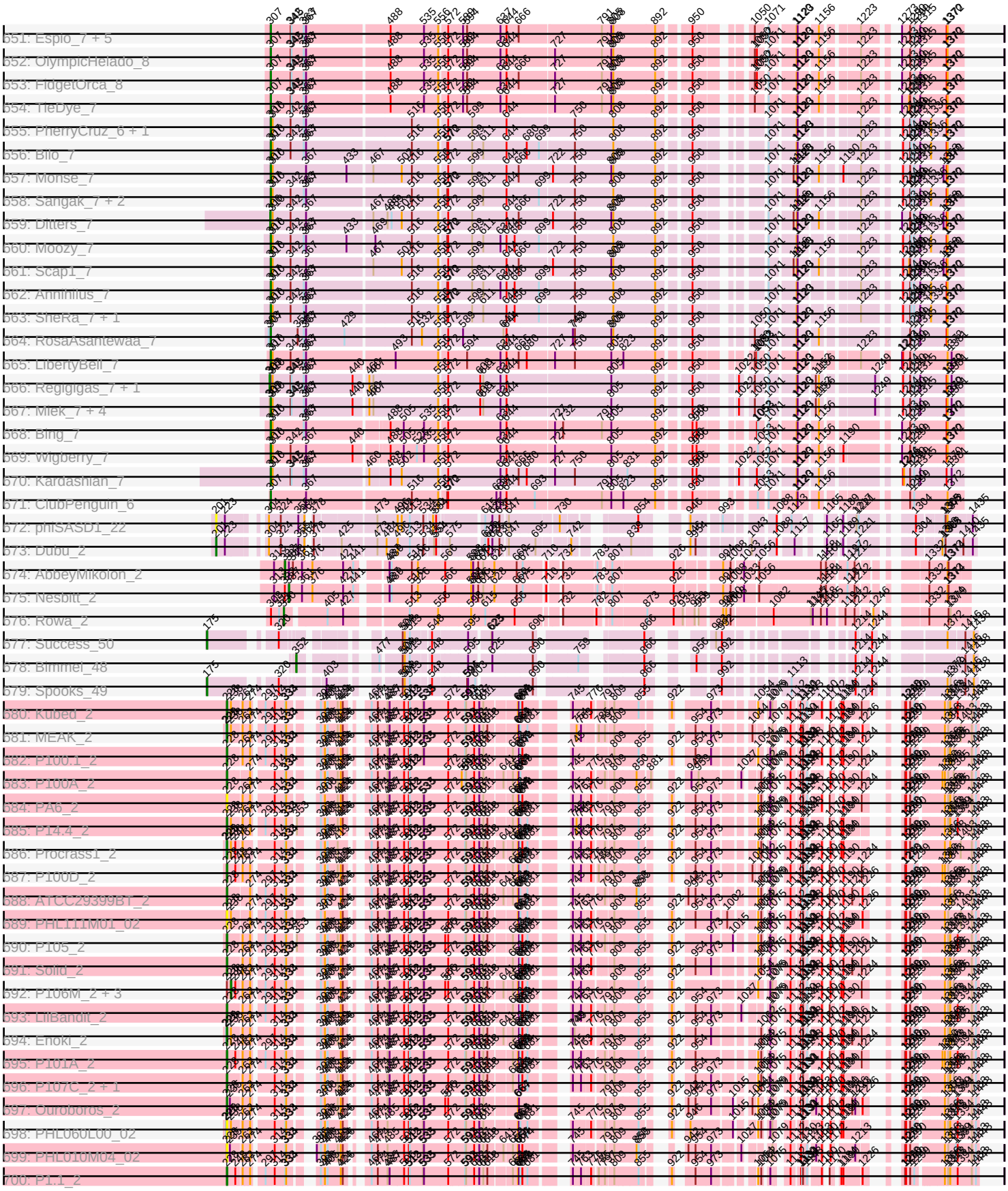
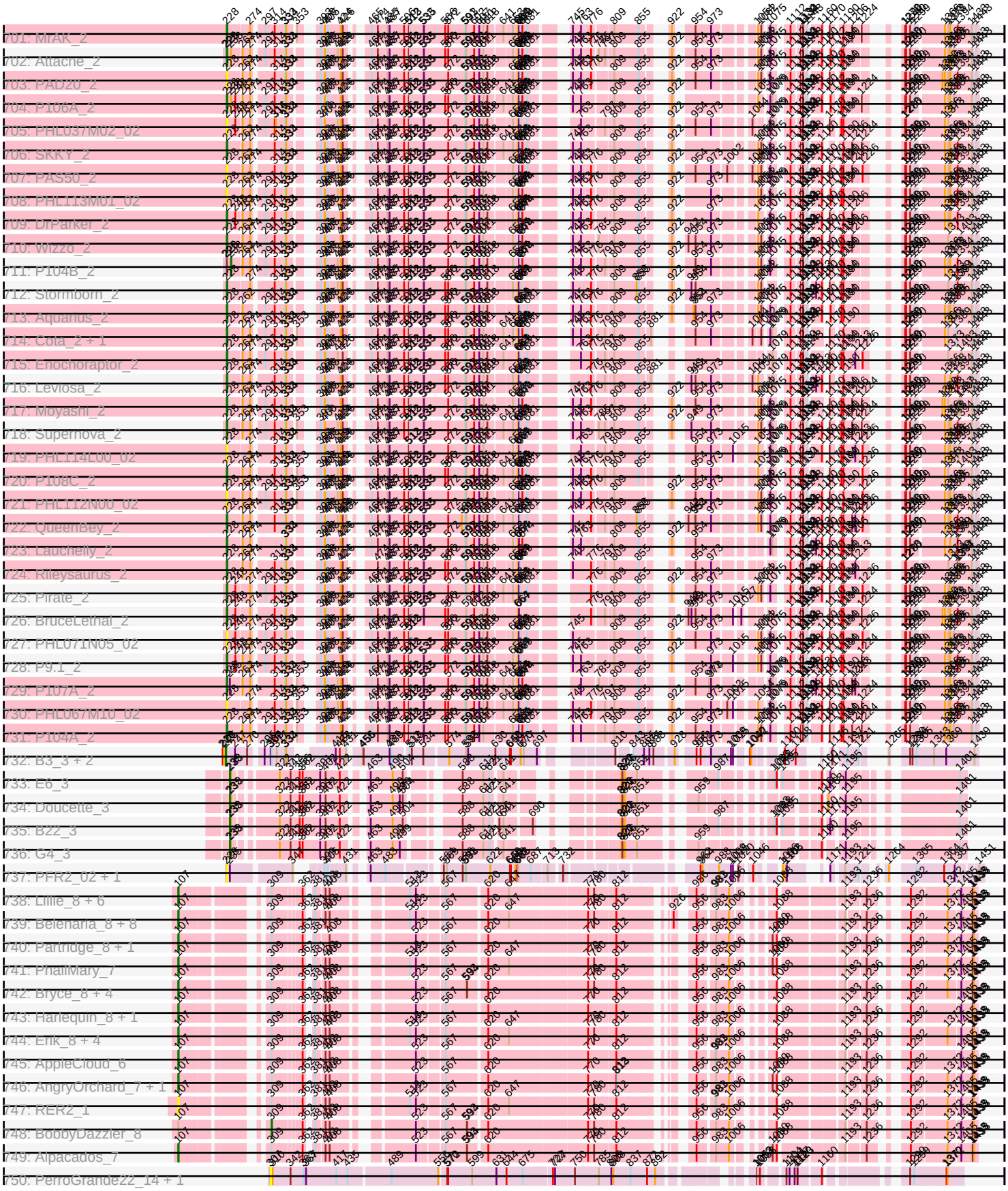

651: Espio_7 + 5
652: OlympicHelado_8
653: FidgetOrca_8
654: TieDye_7
655: PherryCruz_6 + 1
656: Bilo_7
657: Monse_7
658: Sangak_7 + 2
659: Ditters_7
660: Moozy_7
661: Scap1_7
662: Annihilus_7
663: SheRa_7 + 1
664: RosaAsantewaa_7
665: LibertyBell_7
666: Regigigas_7 + 1
667: Miek_7 + 4
668: Bing_7
669: Wigberry_7
670: Kardashian_7
671: ClubPenguin_6
672: phiSASD1_22
673: Dubu_2
674: AbbeyMikolon_2
675: Nesbitt_2
676: Rowa_2
677: Success_50
678: Bimmel_48
679: Spooks_49
680: Kubed_2
681: MEAK_2
682: P100.1_2
683: P100A_2
684: PA6_2
685: P14.4_2
686: Procrass1_2
687: P100D_2
688: ATCC29399BT_2
689: PHL111M01_02
690: P105_2
691: Solid_2
692: P106M_2 + 3
693: LilBandit_2
694: Enoki_2
695: P101A_2
696: P107C_2 + 1
697: Ouroboros_2
698: PHL060L00_02
699: PHL010M04_02
700: P1.1_2

Pham 310994


701: MrAK_2
702: Attache_2
703: PAD20_2
704: P106A_2
705: PHL037M02_02
706: SKKY_2
707: PAS50_2
708: PHL113M01_02
709: DrParker_2
710: Wizzo_2
711: P104B_2
712: Stormborn_2
713: Aquarius_2
714: Cota_2 + 1
715: Enochoraptor_2
716: Leviosa_2
717: Moyashi_2
718: Supernova_2
719: PHL114L00_02
720: P108C_2
721: PHL112N00_02
722: QueenBey_2
723: Lauchelly_2
724: Rileysaurus_2
725: Pirate_2
726: BruceLethal_2
727: PHL071N05_02
728: P9.1_2
729: P107A_2
730: PHL067M10_02
731: P104A_2
732: B3_3 + 2
733: E6_3
734: Doucette_3
735: B22_3
736: G4_3
737: PFR2_02 + 1
738: Lillie_8 + 6
739: Belenaria_8 + 8
740: Partridge_8 + 1
741: PhaliMary_7
742: Bryce_8 + 4
743: Harlequin_8 + 1
744: Erik_8 + 4
745: AppleCloud_6
746: AngryOrchard_7 + 1
747: RER2_1
748: BobbyDazzler_8
749: Alpacados_7
750: PerroGrande22_14 + 1

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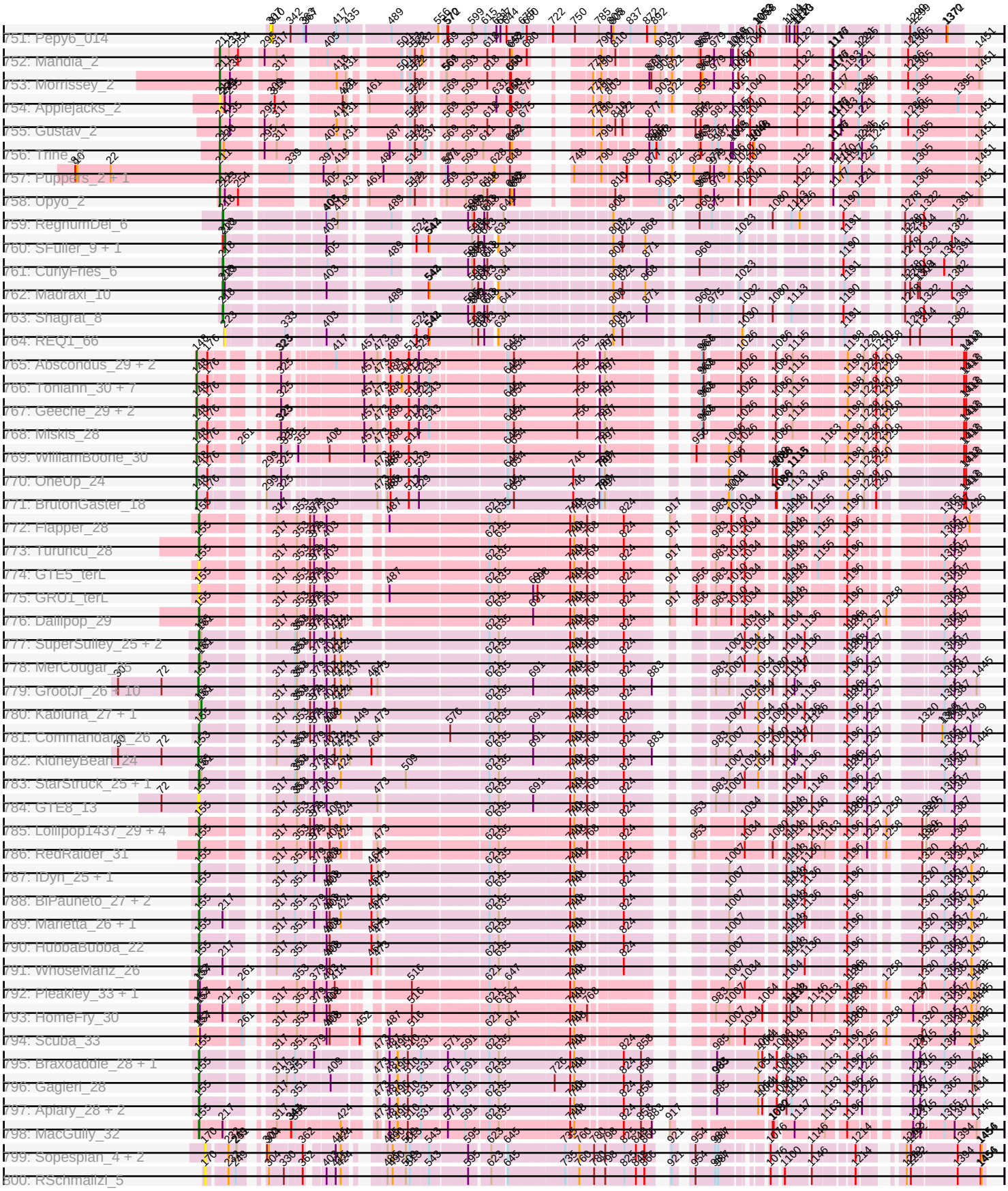
751: Pepy6_014
752: Mandia_2
753: Morrissey_2
754: Applejacks_2
755: Gustav_2
756: Trine_3
757: Puppers_2 + 1
758: Opyo_2
759: RegnumDei_6
760: SFuller_9 + 1
761: CurlyFries_6
762: Madraxi_10
763: Shagrat_8
764: REQ1_66
765: Abscondus_29 + 2
766: Toniann_30 + 7
767: Geeche_29 + 2
768: Miskis_28
769: WilliamBoone_30
770: OneUp_24
771: BrutonGaster_18
772: Flapper_28
773: Turuncu_28
774: GTE5_terL
775: GRO1_terL
776: Dallpop_29
777: SuperSulley_25 + 2
778: MerCougar_35
779: GrootJr_26 + 10
780: Kabluna_27 + 1
781: Commandant_26
782: KidneyBean_24
783: StarStruck_25 + 1
784: GTE8_13
785: Lollpop1437_29 + 4
786: RedRaider_31
787: IDyn_25 + 1
788: BiPauneto_27 + 2
789: Marietta_26 + 1
790: HubbaBubba_22
791: WhoseManz_26
792: Pleakley_33 + 1
793: HomeFry_30
794: Scuba_33
795: Braxoaddie_28 + 1
796: Gagleri_28
797: Apiary_28 + 2
798: MacGully_32
799: Sopespian_4 + 2
800: RSchmaltzl_5

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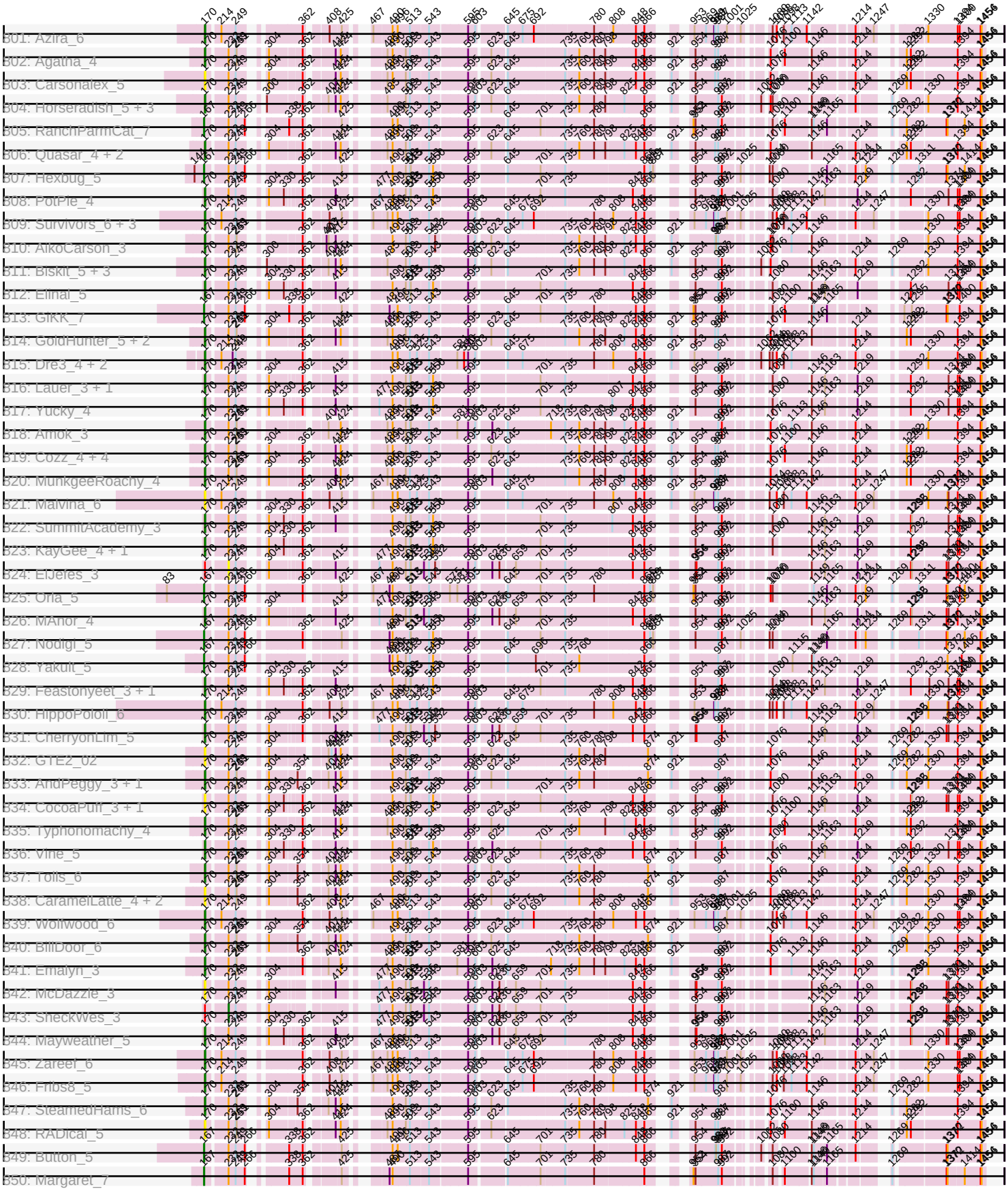
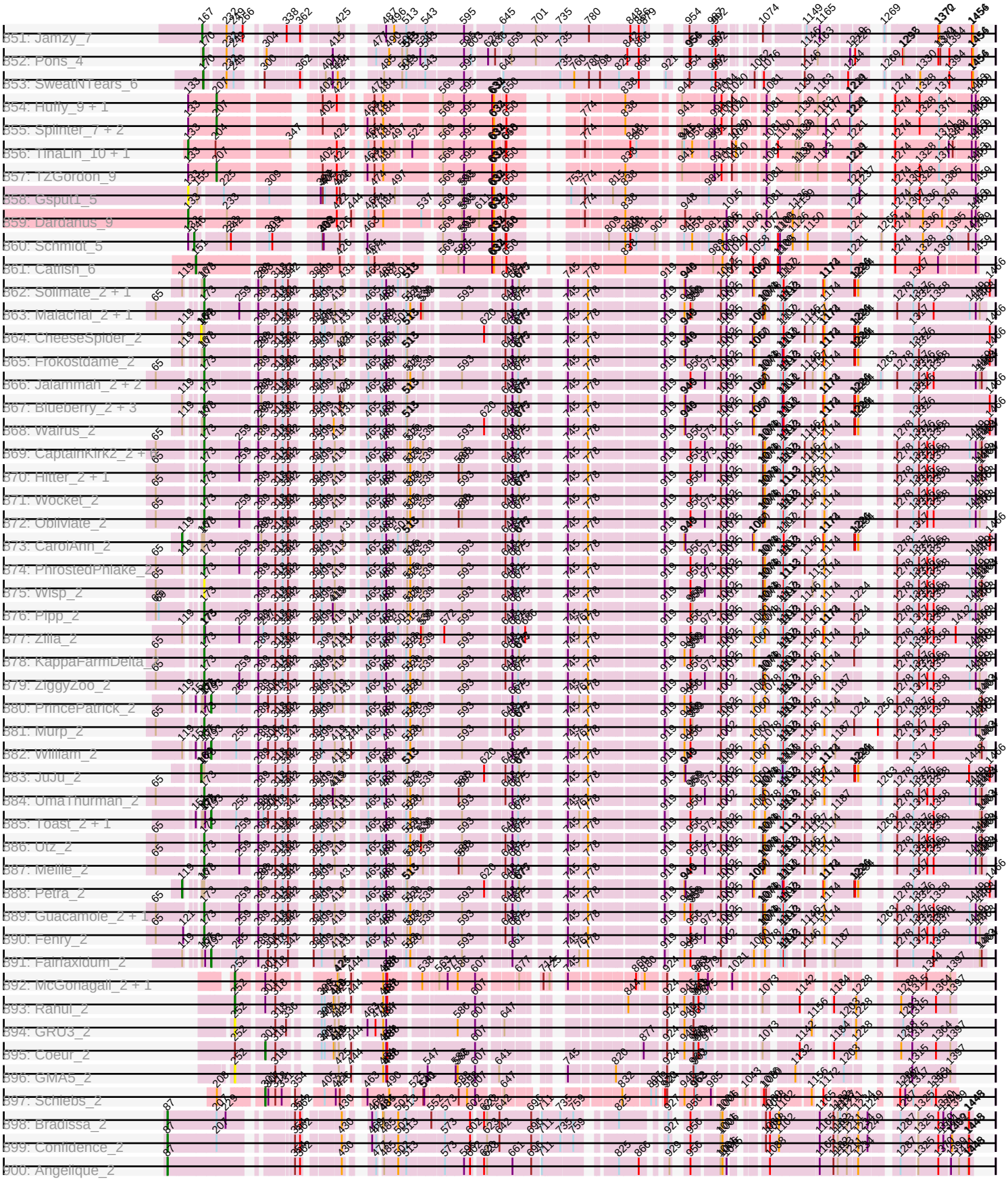
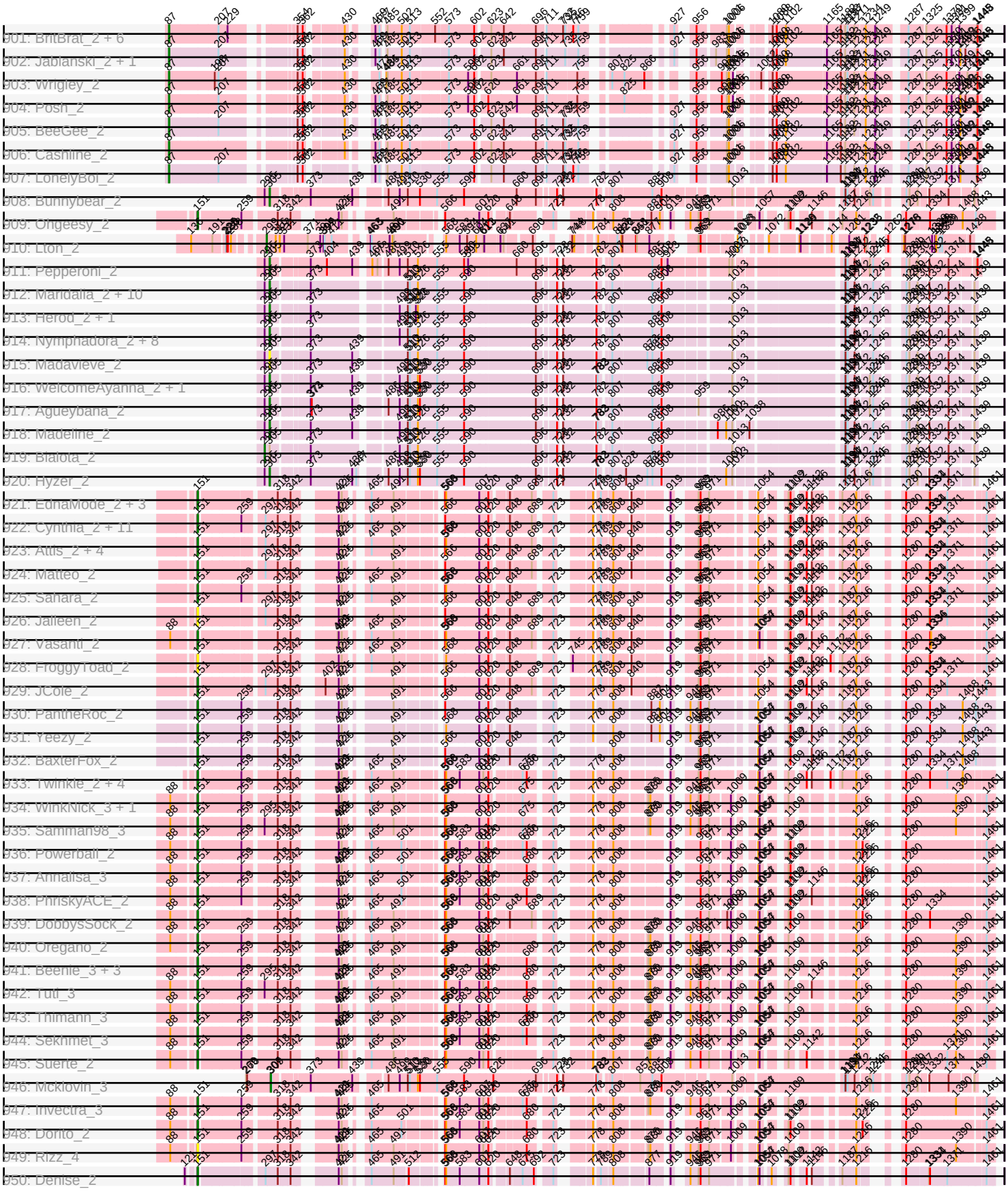

B01: Azira_6
B02: Agatha_4
B03: Carsonalex_5
B04: Horseradish_5 + 3
B05: RanchParmCat_7
B06: Quasar_4 + 2
B07: Hexbug_5
B08: PotPie_4
B09: Survivors_6 + 3
B10: AikoCarson_3
B11: Biskit_5 + 3
B12: Elinal_5
B13: GIKK_7
B14: GoldHunter_5 + 2
B15: Dre3_4 + 2
B16: Lauer_3 + 1
B17: Yucky_4
B18: Amok_3
B19: Cozz_4 + 4
B20: MunkgeeRoachy_4
B21: Malvina_6
B22: SummitAcademy_3
B23: KayGee_4 + 1
B24: ElJefes_3
B25: Orla_5
B26: MAnor_4
B27: Nodigi_5
B28: Yakult_5
B29: Feastonyeet_3 + 1
B30: HippoPoloII_6
B31: CherryonLim_5
B32: GTE2_02
B33: AndiPeggy_3 + 1
B34: CocoaPuff_3 + 1
B35: Typhonomachy_4
B36: Vine_5
B37: Tolls_6
B38: CaramelLatte_4 + 2
B39: Wollwood_6
B40: BillDoor_6
B41: Emalyn_3
B42: McDazzle_3
B43: SneckWes_3
B44: Mayweather_5
B45: Zareef_6
B46: Fnbs8_5
B47: SteamedHams_6
B48: RADical_5
B49: Button_5
B50: Margaret_7

Pham 310994


351: Jamzy_7
352: Pons_4
353: SweatNTears_6
354: Huffy_9 + 1
355: Splinter_7 + 2
356: TinaLin_10 + 1
357: TZGordon_9
358: Gsput1_5
359: Dardanus_9
360: Schmidt_5
361: Catfish_6
362: Solimate_2 + 1
363: Malachai_2 + 1
364: CheeseSpider_2
365: Frokostdame_2
366: Jalamman_2 + 2
367: Blueberry_2 + 3
368: Walrus_2
369: CaptainKirk2_2 + 6
370: Hitter_2 + 1
371: Wocket_2
372: OblMate_2
373: CarolAnn_2
374: PhrostedPhlake_2
375: Wisp_2
376: Pipp_2
377: Zilla_2
378: KappaFarmDelta_2
379: ZiggyZoo_2
380: PrincePatrick_2
381: Murp_2
382: William_2
383: JuJu_2
384: UmaThurman_2
385: Toast_2 + 1
386: Otz_2
387: Mellie_2
388: Petra_2
389: Guacamole_2 + 1
390: Fenry_2
391: Fairaxidum_2
392: McGonagall_2 + 1
393: Rahul_2
394: GRU3_2
395: Coeur_2
396: GMA5_2
397: Schiebs_2
398: Bradissa_2
399: Confidence_2
900: Angelique_2

Pham 310994



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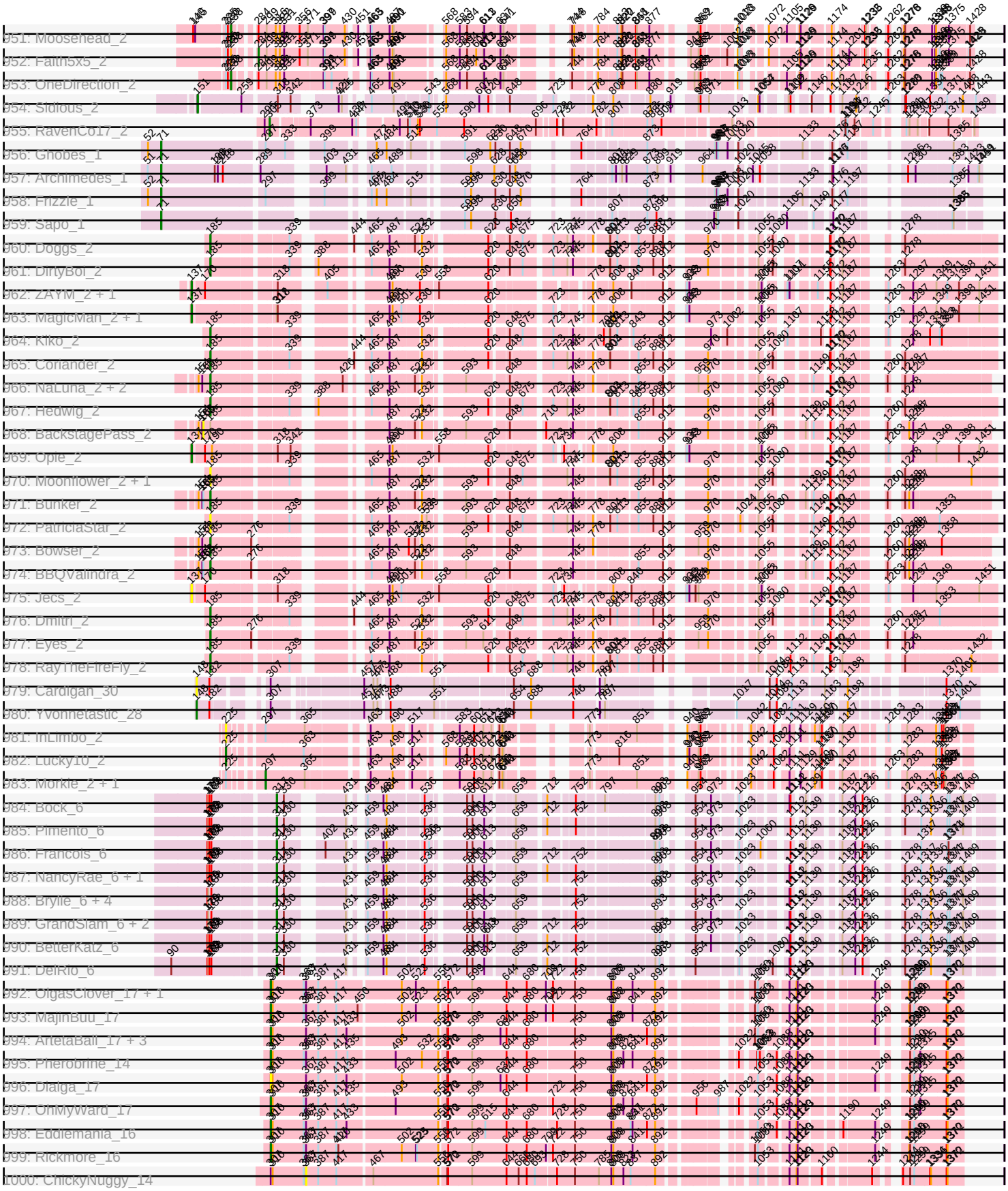
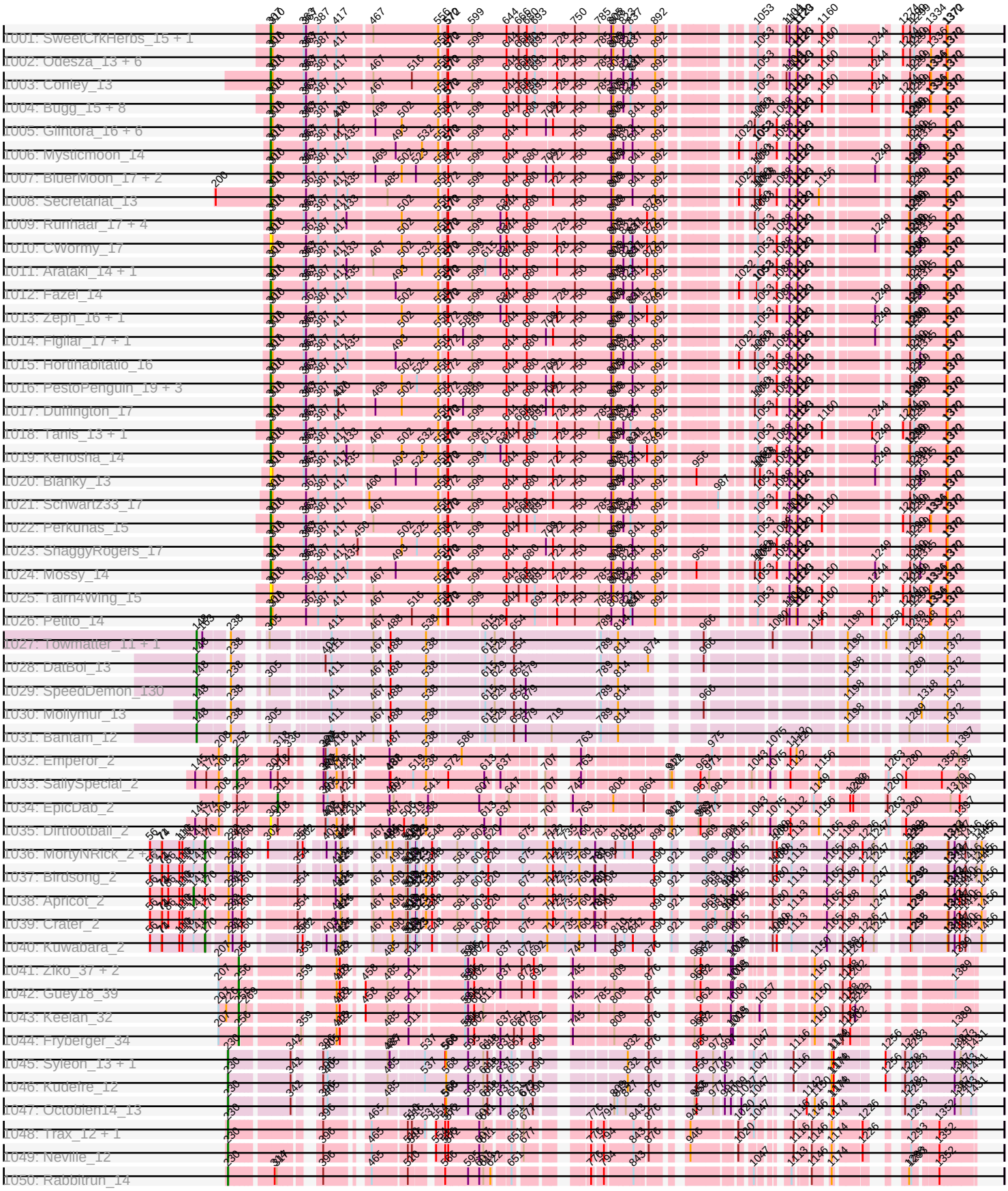
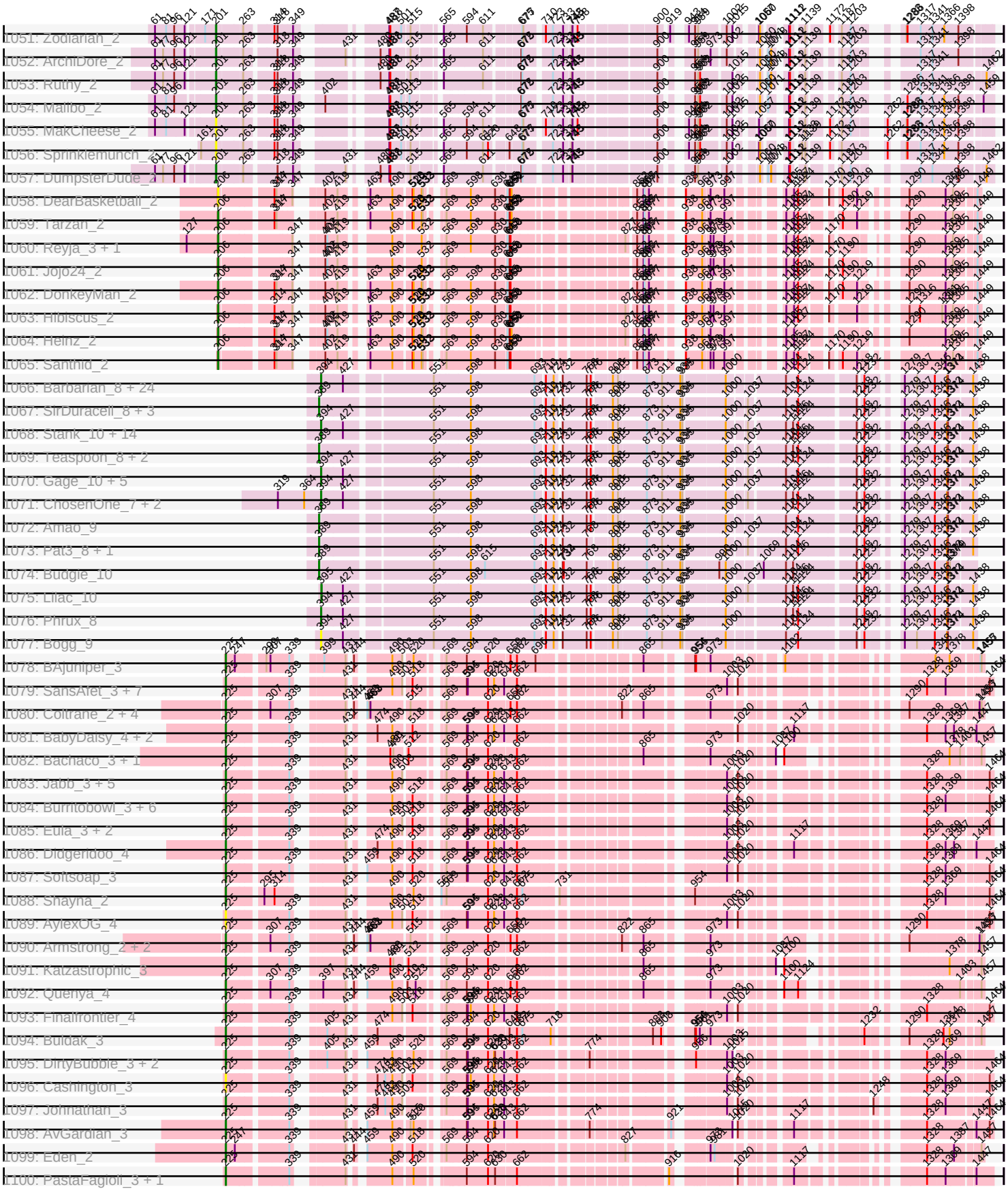

951: Moosehead_2
952: Faith5x5_2
953: OneDirection_2
954: Sidious_2
955: RavenC617_2
956: Ghobes_1
957: Archimedes_1
958: Frizzle_1
959: Sapo_1
960: Doggs_2
961: DirtyBoi_2
962: ZAYM_2 + 1
963: MagicMan_2 + 1
964: Kiko_2
965: Coriander_2
966: NaLuna_2 + 2
967: Hedwig_2
968: BackstagePass_2
969: Opie_2
970: Moonflower_2 + 1
971: Bunker_2
972: PatriciaStar_2
973: Bowser_2
974: BBQValindra_2
975: Jecs_2
976: Dmitri_2
977: Eyes_2
978: RayTheFireFly_2
979: Cardigan_30
980: Yvonnetastic_28
981: InLimbo_2
982: Lucky10_2
983: Morkie_2 + 1
984: Bock_6
985: Pimento_6
986: Francois_6
987: NancyRae_6 + 1
988: Brylie_6 + 4
989: GrandSlam_6 + 2
990: BetterKatz_6
991: DelRio_6
992: OlgasClover_17 + 1
993: MajinBuu_17
994: ArletaBall_17 + 3
995: Pherobrine_14
996: Dialga_17
997: OhMyWard_17
998: Eddiemania_16
999: Rickmore_16
1000: ChickyNuggy_14

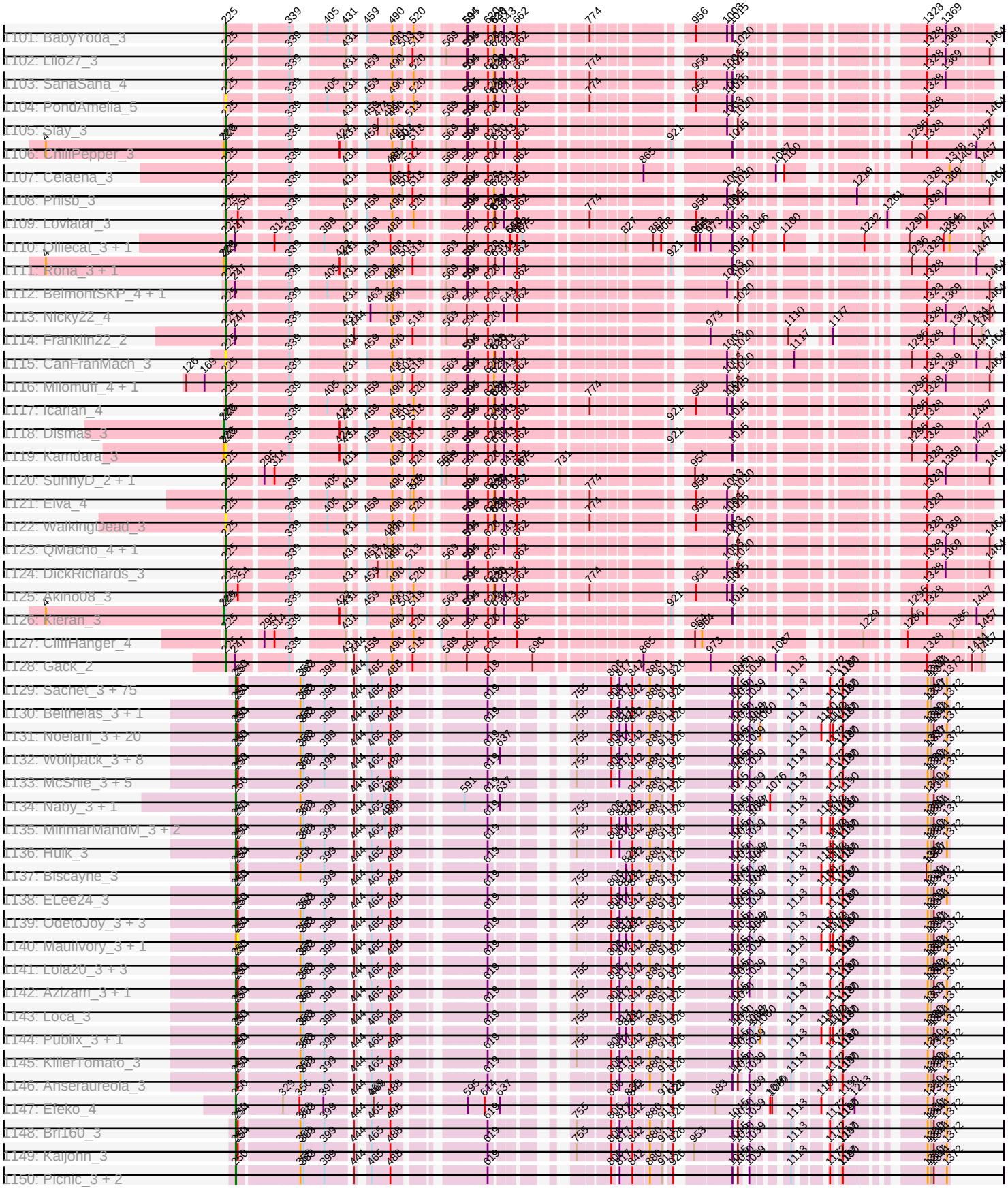
Pham 310994


1001: SweetCrkHerbs_15 + 1
1002: Odesza_13 + 6
1003: Conley_13
1004: Bugg_15 + 8
1005: Gilmtora_16 + 6
1006: Mysticmoon_14
1007: BlueMoon_17 + 2
1008: Secretariat_13
1009: Runhaar_17 + 4
1010: CWormy_17
1011: Arataki_14 + 1
1012: Fazel_14
1013: Zeph_16 + 1
1014: Figliar_17 + 1
1015: Hortinabitatio_16
1016: PestoPenguin_19 + 3
1017: Duffington_17
1018: Tanis_13 + 1
1019: Kenosha_14
1020: Blanky_13
1021: Schwartz33_17
1022: Perkunas_15
1023: ShaggyRogers_17
1024: Mossy_14
1025: Tairn4Wing_15
1026: Petito_14
1027: Townhatter_11 + 1
1028: DatBoi_13
1029: SpeedDemon_130
1030: Mollymur_13
1031: Bantam_12
1032: Emperor_2
1033: SallySpecial_2
1034: EpicDab_2
1035: Dirtfootball_2
1036: MortyNRick_2 + 1
1037: Birdsong_2
1038: Apricot_2
1039: Crater_2
1040: Kuwabara_2
1041: Ziko_37 + 2
1042: Guey18_39
1043: Keelan_32
1044: Fryberger_34
1045: Syleon_13 + 1
1046: Kudelfre_12
1047: Octobien14_13
1048: Trax_12 + 1
1049: Neville_12
1050: Rabbitrun_14

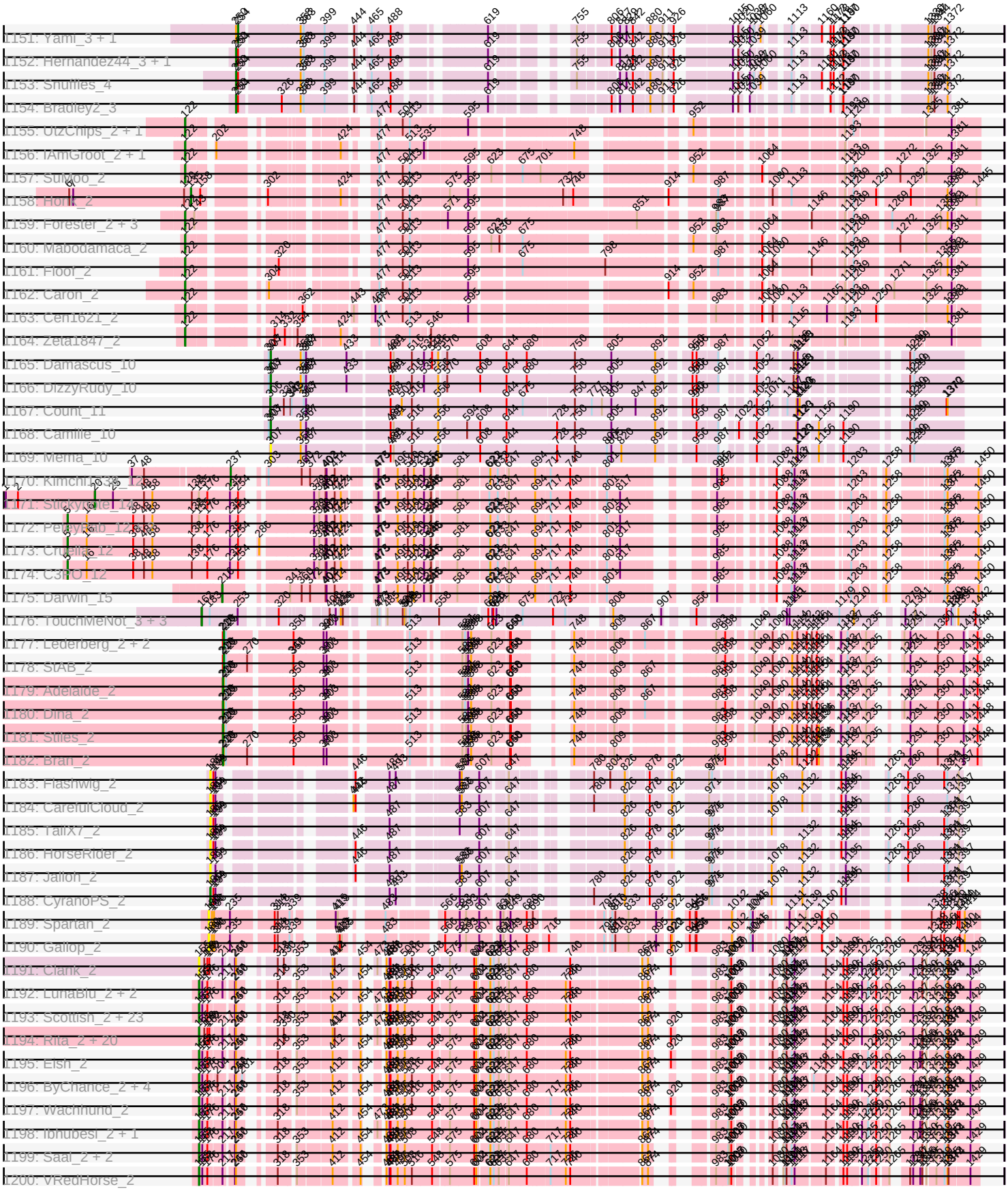
Pham 310994



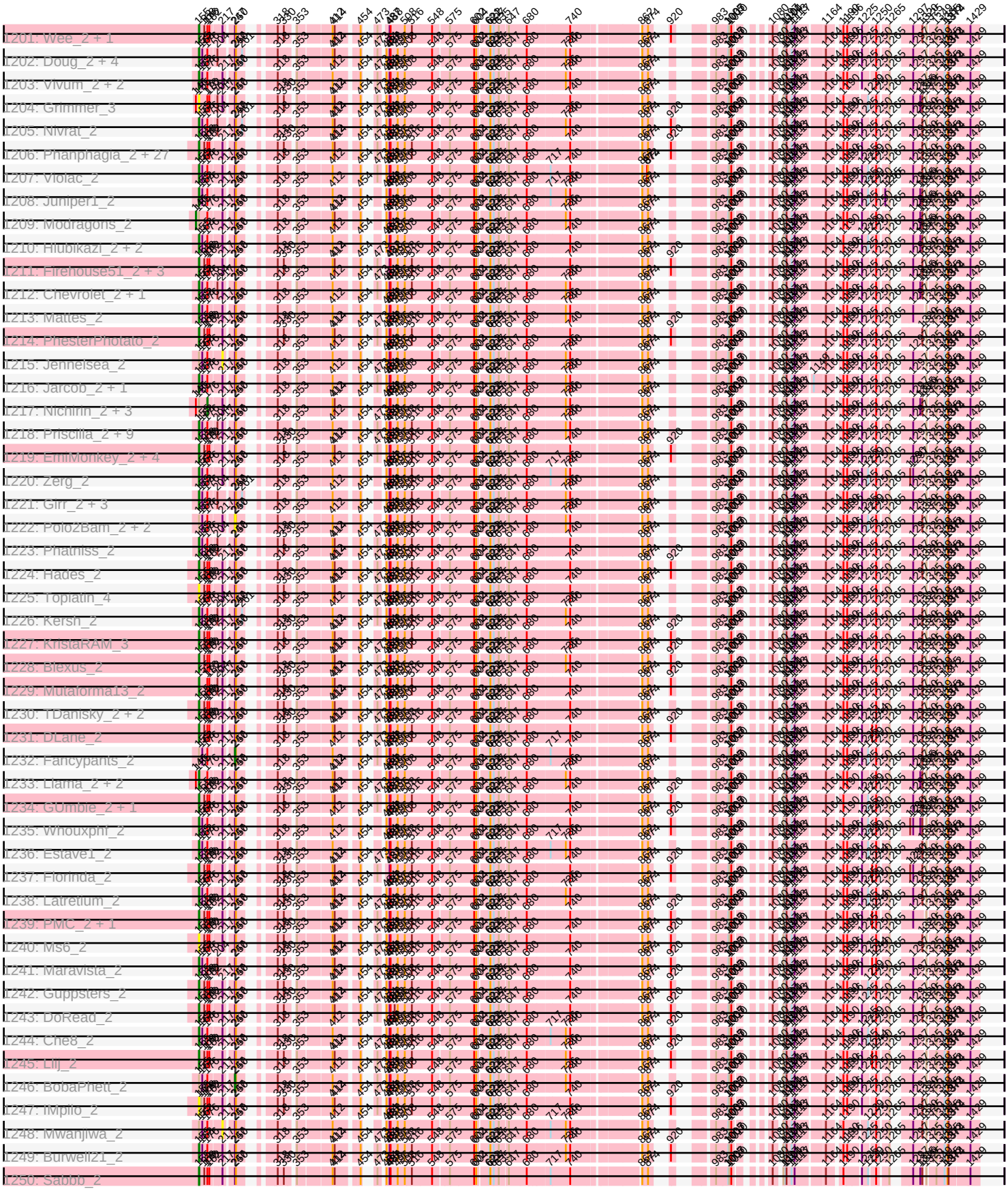
Pham 310994


Trl01: BabyYoda_3
Trl02: Lilo27_3
Trl03: SanaSana_4
Trl04: PondAmelia_5
Trl05: Slay_3
Trl06: ChiliPepper_3
Trl07: Celaena_3
Trl08: Phisb_3
Trl09: Lovlatar_3
Trl10: Dilecat_3 + 1
Trl11: Rona_3 + 1
Trl12: BelmontSKP_4 + 1
Trl13: Nicky22_4
Trl14: Franklin22_2
Trl15: CanFranMach_3
Trl16: Mimomuh_4 + 1
Trl17: Icarian_4
Trl18: Dismas_3
Trl19: Kamdara_3
Trl20: SunnyD_2 + 1
Trl21: Elva_4
Trl22: WalkingDead_3
Trl23: QMacho_4 + 1
Trl24: DickRichards_3
Trl25: Akino08_3
Trl26: Kieran_3
Trl27: CliffHanger_4
Trl28: Gack_2
Trl29: Sachet_3 + 75
Trl30: Bellhelas_3 + 1
Trl31: Noelani_3 + 20
Trl32: Wolfpack_3 + 8
Trl33: McShie_3 + 5
Trl34: Naby_3 + 1
Trl35: MinimanMandM_3 + 2
Trl36: Hulk_3
Trl37: Biscayne_3
Trl38: ELee24_3
Trl39: OdetoJoy_3 + 3
Trl40: MauiIvory_3 + 1
Trl41: Lola20_3 + 3
Trl42: Azizam_3 + 1
Trl43: Loca_3
Trl44: Publix_3 + 1
Trl45: KillerTomato_3
Trl46: Anseraureola_3
Trl47: Eleko_4
Trl48: Bri160_3
Trl49: Kaijohn_3
Trl50: Picnic_3 + 2

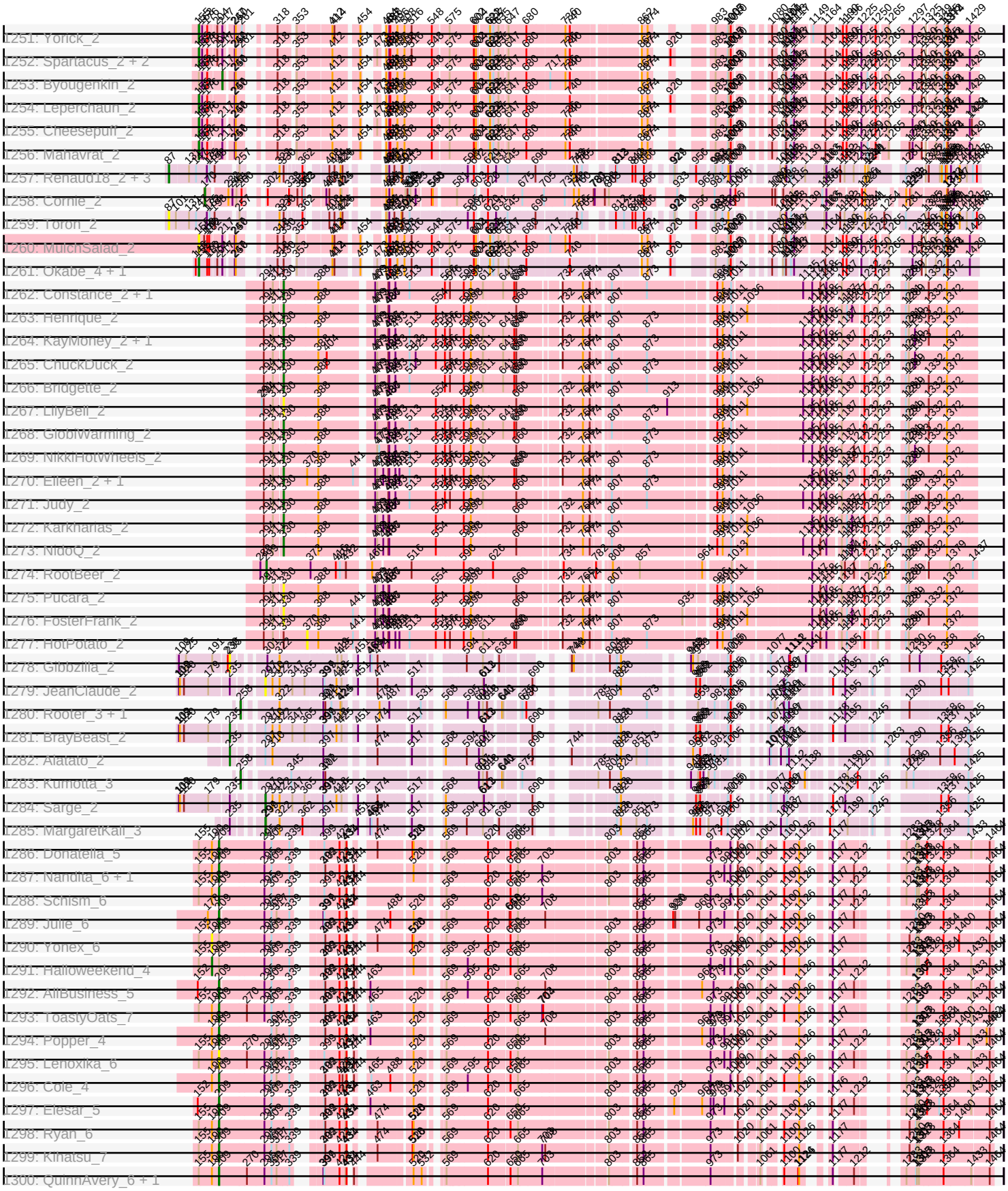
Pham 310994


Phage_151: Yami_3 + 1
Phage_152: Hernandez44_3 + 1
Phage_153: Snuffles_4
Phage_154: Bradley2_3
Phage_155: OtzChips_2 + 1
Phage_156: IAmGroot_2 + 1
Phage_157: SuMoo_2
Phage_158: Honk_2
Phage_159: Forester_2 + 3
Phage_160: Mabodamaca_2
Phage_161: Floof_2
Phage_162: Caron_2
Phage_163: Cen1621_2
Phage_164: Zeta1847_2
Phage_165: Damascus_10
Phage_166: DizzyRudy_10
Phage_167: Count_11
Phage_168: Camille_10
Phage_169: Mema_10
Phage_170: Kimchi1038_12
Phage_171: Stickycone_12
Phage_172: Peryton_12
Phage_173: Crudites_12
Phage_174: C3PO_12
Phage_175: Darwin_15
Phage_176: TouchMeNot_3 + 3
Phage_177: Lederberg_2 + 2
Phage_178: StAB_2
Phage_179: Adelaide_2
Phage_180: Dina_2
Phage_181: Stiles_2
Phage_182: Bran_2
Phage_183: Flashwig_2
Phage_184: CarefulCloud_2
Phage_185: TailX7_2
Phage_186: HorseRider_2
Phage_187: Jalon_2
Phage_188: CyranoPS_2
Phage_189: Spartan_2
Phage_190: Gallop_2
Phage_191: Clank_2
Phage_192: LunaBlu_2 + 2
Phage_193: Scottish_2 + 23
Phage_194: Rita_2 + 20
Phage_195: Elsh_2
Phage_196: ByChance_2 + 4
Phage_197: Wachmund_2
Phage_198: Ibhubesi_2 + 1
Phage_199: Saal_2 + 2
Phage_200: VRedHorse_2

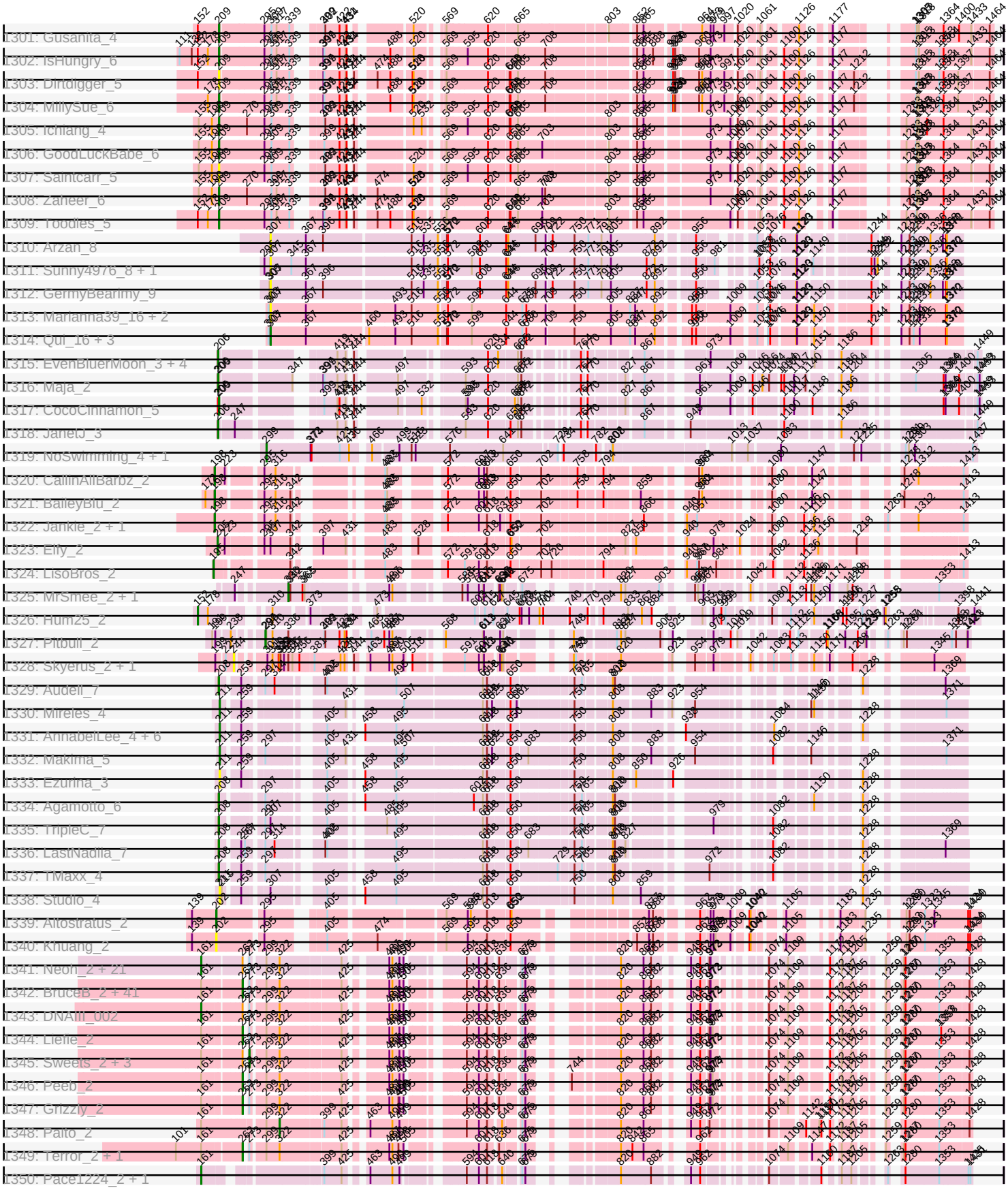
Pham 310994


Lt201: Wee_2 + 1
Lt202: Doug_2 + 4
Lt203: Vivum_2 + 2
Lt204: Grimmer_3
Lt205: Nivrat_2
Lt206: Phanphagia_2 + 27
Lt207: Violac_2
Lt208: Juniper1_2
Lt209: Modragons_2
Lt210: Hlubikazi_2 + 2
Lt211: Firehouse51_2 + 3
Lt212: Chevrolet_2 + 1
Lt213: Mattes_2
Lt214: PhesterPhotato_2
Lt215: Jennelsea_2
Lt216: Jarcob_2 + 1
Lt217: Nichinn_2 + 3
Lt218: Priscilla_2 + 9
Lt219: EmilMonkey_2 + 4
Lt220: Zerg_2
Lt221: Girr_2 + 3
Lt222: Polo2Bam_2 + 2
Lt223: Phatniss_2
Lt224: Hades_2
Lt225: Topiatin_4
Lt226: Kersh_2
Lt227: KristaRAM_3
Lt228: Blexus_2
Lt229: Mutaforma13_2
Lt230: TDanisky_2 + 2
Lt231: DLane_2
Lt232: Fancypants_2
Lt233: Llama_2 + 2
Lt234: GOmbie_2 + 1
Lt235: Whouxphi_2
Lt236: Estave1_2
Lt237: Florinda_2
Lt238: Latretium_2
Lt239: PMC_2 + 1
Lt240: Ms6_2
Lt241: Maravista_2
Lt242: Guppsters_2
Lt243: DoRead_2
Lt244: Che8_2
Lt245: Lily_2
Lt246: BobaPhett_2
Lt247: Impilo_2
Lt248: Mwanjiwa_2
Lt249: Burwell21_2
Lt250: Sabbo_2

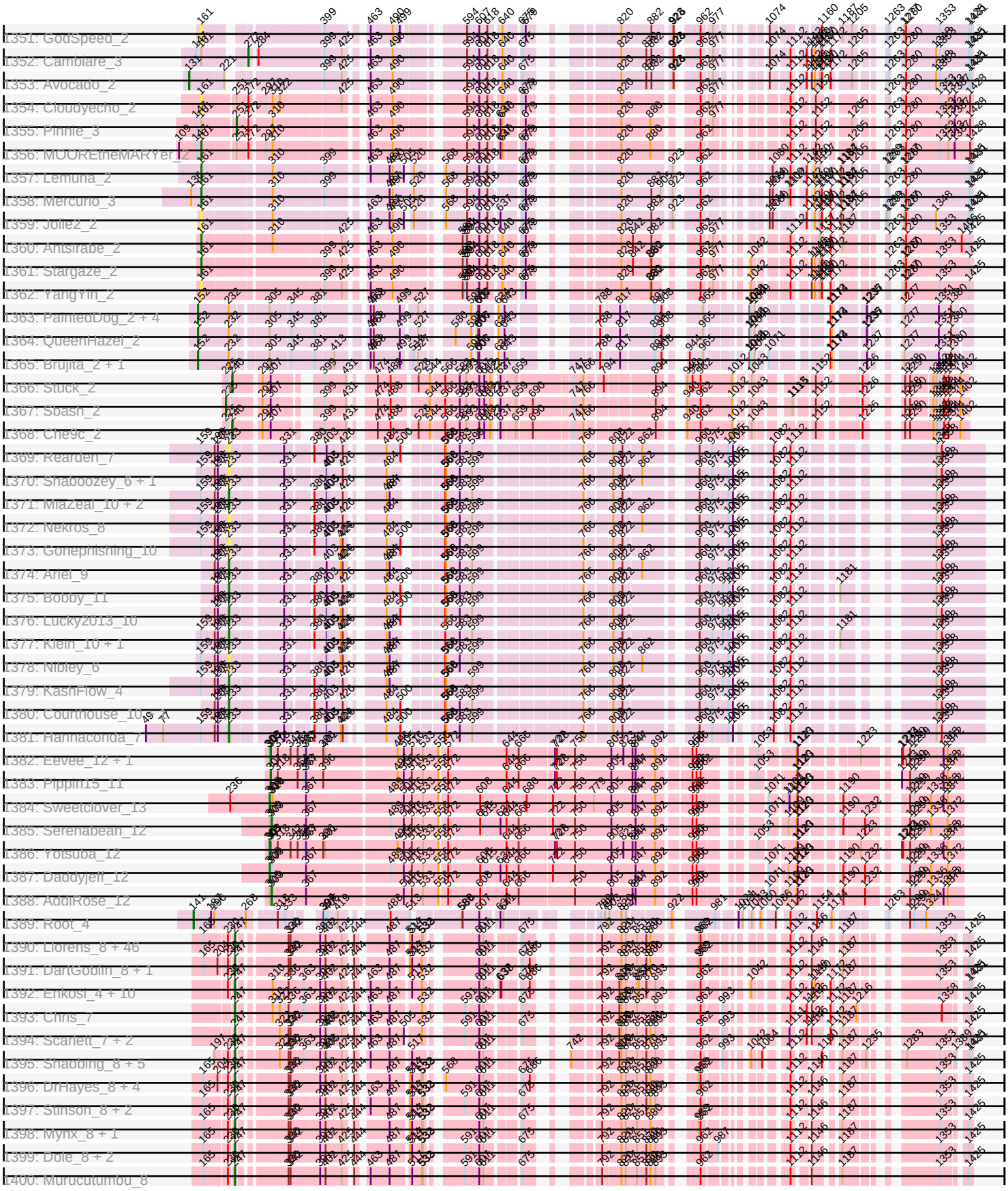
Pham 310994


L251: Yorick_2
L252: Spartacus_2 + 2
L253: Byougenkin_2
L254: Leperchaun_2
L255: Cheesepuff_2
L256: Manavrat_2
L257: Renaud18_2 + 3
L258: Corrie_2
L259: Toron_2
L260: MulchSalad_2
L261: Okabe_4 + 1
L262: Constance_2 + 1
L263: Henrique_2
L264: KayMoney_2 + 1
L265: ChuckDuck_2
L266: Bridgette_2
L267: LilyBell_2
L268: GlobalWarming_2
L269: NikkiHotWheels_2
L270: Eileen_2 + 1
L271: Judy_2
L272: Karkhanas_2
L273: NiddO_2
L274: RootBeer_2
L275: Pucara_2
L276: FosterFrank_2
L277: HotPotato_2
L278: Globzilla_2
L279: JeanClaude_2
L280: Rooter_3 + 1
L281: BrayBeast_2
L282: Alatato_2
L283: Kumotta_3
L284: Sarge_2
L285: MargaretKali_3
L286: Donatella_5
L287: Nandita_6 + 1
L288: Schism_6
L289: Julie_6
L290: Yonex_6
L291: Halloweekend_4
L292: AllBusiness_5
L293: ToastyOats_7
L294: Popper_4
L295: Lenoxika_6
L296: Cole_4
L297: Elesar_5
L298: Ryan_6
L299: Kinatsu_7
L300: QuinnAvery_6 + 1

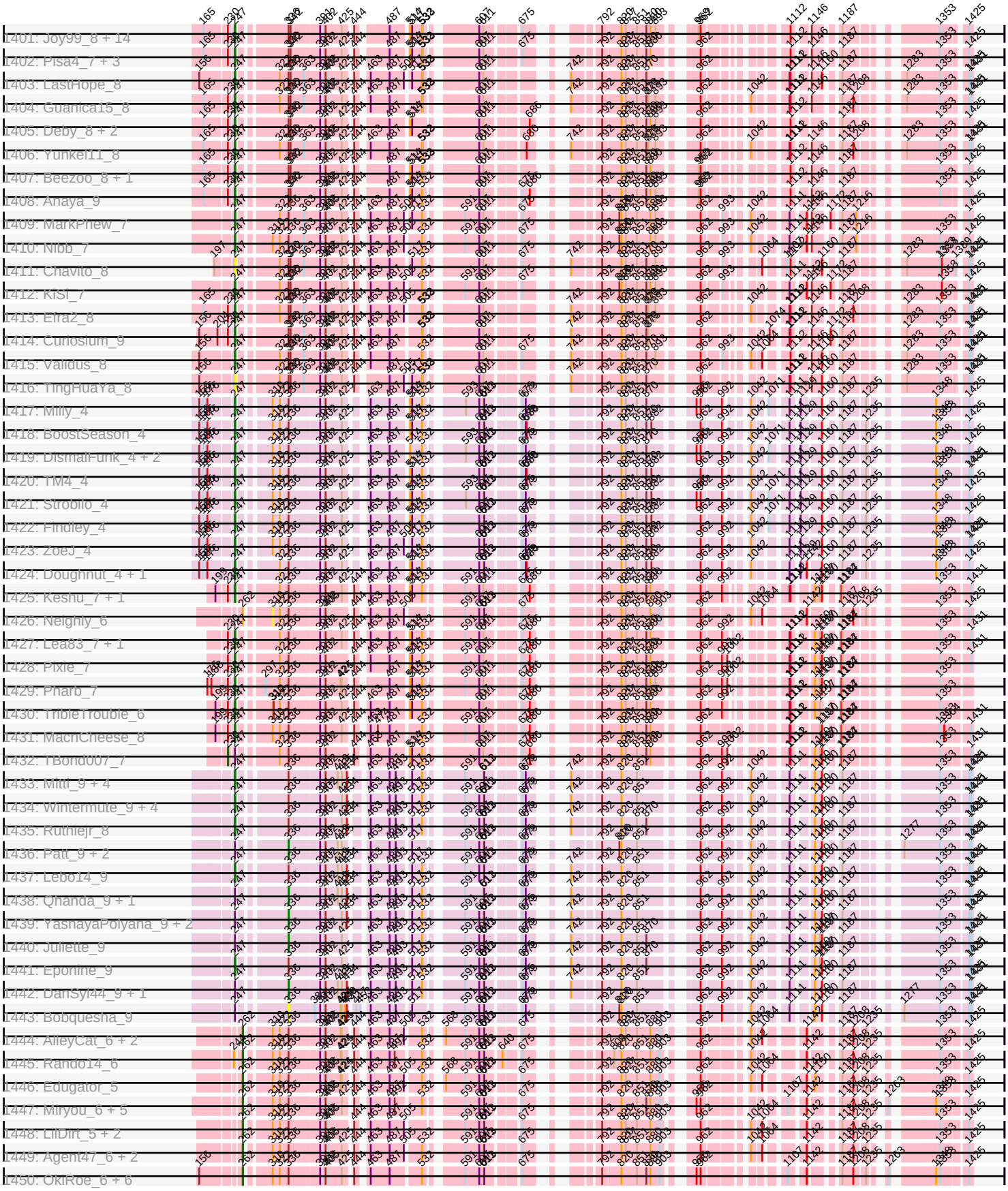
Pham 310994


I301: Gusanita_4
I302: IsHungry_6
I303: Dirtdigger_5
I304: MillySue_6
I305: Ichiang_4
I306: GoodLuckBabe_6
I307: Saintcarr_5
I308: Zaheer_6
I309: Toodles_5
I310: Arzan_8
I311: Sunny4976_8 + 1
I312: GermyBearimy_9
I313: Marianna39_16 + 2
I314: Qui_16 + 3
I315: EvenBluerMoon_3 + 4
I316: Maja_2
I317: CocoCinnamon_5
I318: JanetJ_3
I319: NoSwimming_4 + 1
I320: CallinAllBarbz_2
I321: BaileyBlu_2
I322: Jankie_2 + 1
I323: Elly_2
I324: LisoBros_2
I325: MrSmee_2 + 1
I326: Hum25_2
I327: Pitbull_2
I328: Skyerus_2 + 1
I329: Audell_7
I330: Mireles_4
I331: AnnabelLee_4 + 6
I332: Makima_5
I333: Ezurina_3
I334: Agamotto_6
I335: TriplеC_7
I336: LastNadilla_7
I337: TMaxx_4
I338: Studio_4
I339: Altostratus_2
I340: Khuang_2
I341: Neon_2 + 21
I342: BruceB_2 + 41
I343: DNAlm_002
I344: Lielle_2
I345: Sweets_2 + 3
I346: Peeb_2
I347: Grizzly_2
I348: Paito_2
I349: Terror_2 + 1
I350: Pace1224_2 + 1

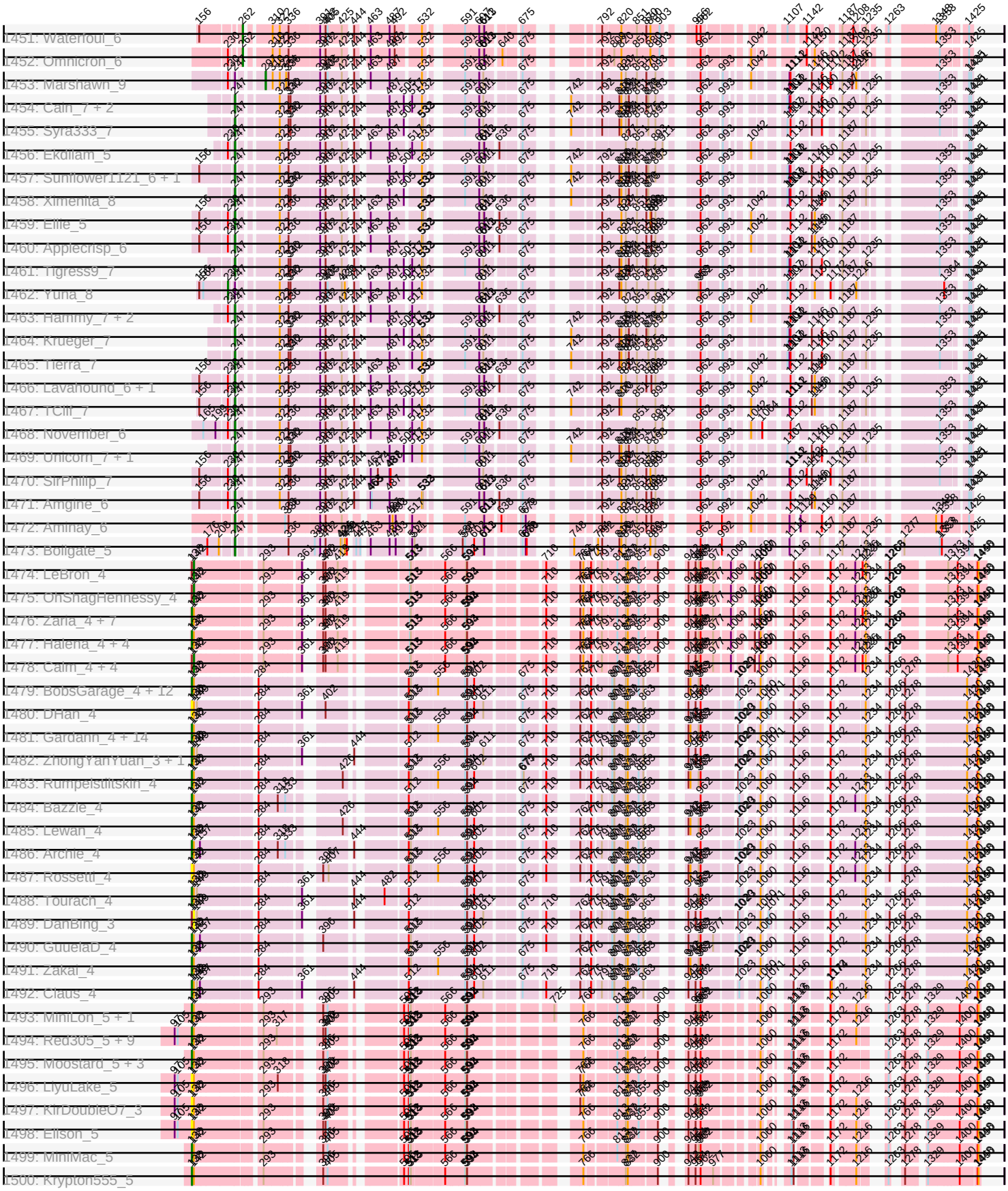
Pham 310994


L351: GodSpeed_2
L352: Cambiare_3
L353: Avocado_2
L354: Cloudyecho_2
L355: Pinnie_3
L356: MOOREtheMARYer_2
L357: Lemuria_2
L358: Mercurio_3
L359: Jolie2_2
L360: Antsirabe_2
L361: Stargaze_2
L362: YangYin_2
L363: PaintedDog_2 + 4
L364: QueenHazel_2
L365: Brujita_2 + 1
L366: Stuck_2
L367: Sbash_2
L368: Chey6_2
L369: Rearden_7
L370: Shaboozey_6 + 1
L371: MiaZeal_10 + 2
L372: Nekros_8
L373: Gonephishing_10
L374: Ariel_9
L375: Bobby_11
L376: Lucky2013_10
L377: Klein_10 + 1
L378: Nibley_6
L379: KashFlow_4
L380: Courthouse_10
L381: Hannaconda_7
L382: Eevee_12 + 1
L383: Pippin15_11
L384: Sweetclover_13
L385: Serenabean_12
L386: Yotsuba_12
L387: Daddyjeff_12
L388: AddiRose_12
L389: Root_4
L390: Llorens_8 + 46
L391: DarkGoblin_8 + 1
L392: Enkosi_4 + 10
L393: Chris_7
L394: Scarlett_7 + 2
L395: Shaobing_8 + 5
L396: DrHayes_8 + 4
L397: Stinson_8 + 2
L398: Mynx_8 + 1
L399: Dole_8 + 2
L400: Murucutumbu_8

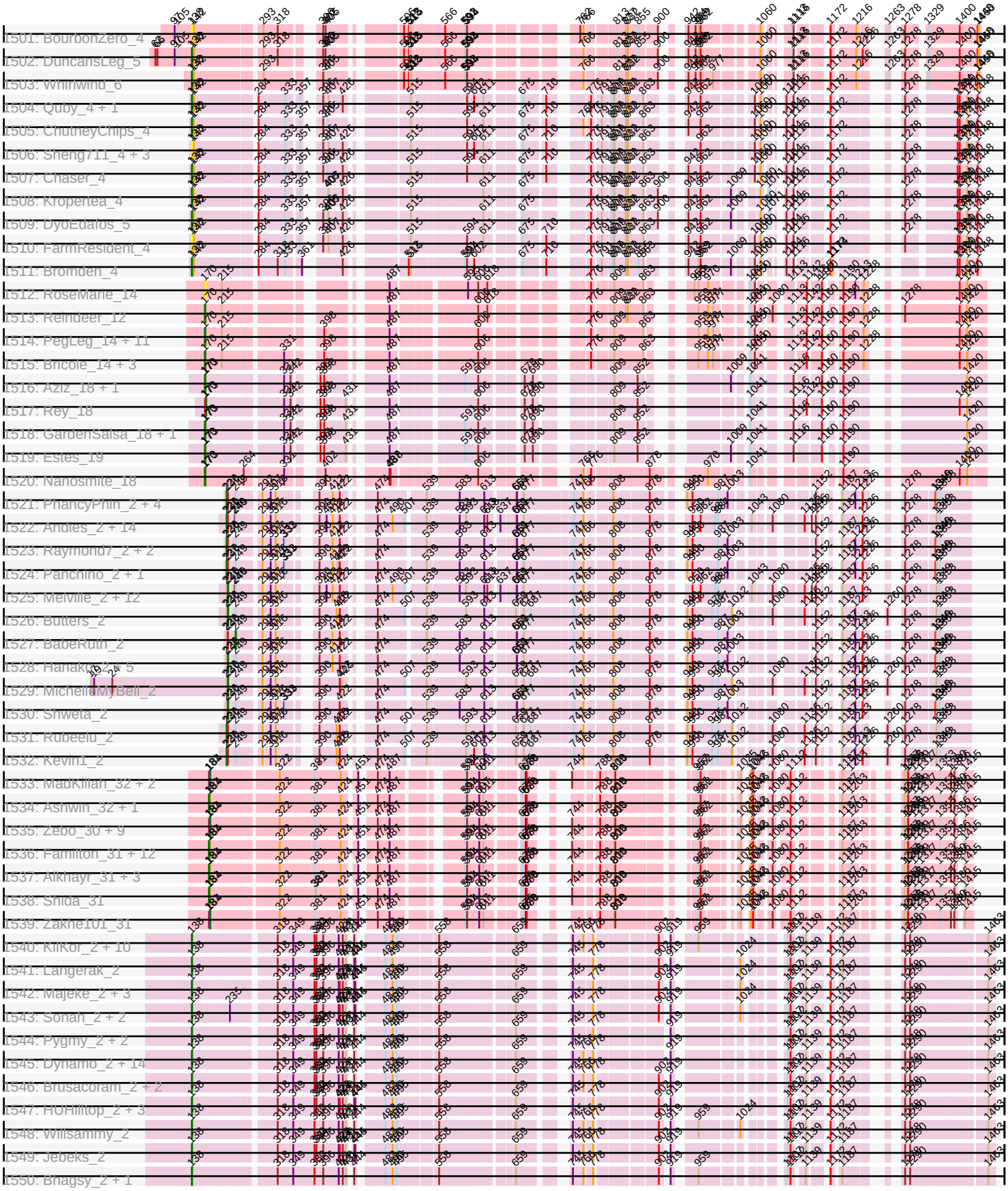
Pham 310994


l401: Joy99_8 + 14
l402: Pisa4_7 + 3
l403: LastHope_8
l404: Guanica15_8
l405: Deby_8 + 2
l406: Yunkel11_8
l407: Beezoo_8 + 1
l408: Anaya_9
l409: MarkPhew_7
l410: Nibb_7
l411: Chavito_8
l412: KISI_7
l413: Elra2_8
l414: Curiosium_9
l415: Validus_8
l416: TingHuaYa_8
l417: Milly_4
l418: BoostSeason_4
l419: DismalFunk_4 + 2
l420: TM4_4
l421: Strobilo_4
l422: Findley_4
l423: ZoeJ_4
l424: Doughnut_4 + 1
l425: Keshu_7 + 1
l426: Neighly_6
l427: Lea83_7 + 1
l428: Pixie_7
l429: Pharb_7
l430: TribleTrouble_6
l431: MacnCheese_8
l432: TBond007_7
l433: Mitti_9 + 4
l434: Wintermute_9 + 4
l435: RuthieJr_8
l436: Patt_9 + 2
l437: Lebo14_9
l438: Qhanda_9 + 1
l439: YasnayaPolyana_9 + 2
l440: Juliette_9
l441: Eponine_9
l442: DanSyl44_9 + 1
l443: Bobquesha_9
l444: AlleyCat_6 + 2
l445: Rando14_6
l446: Edugator_5
l447: Mifyou_6 + 5
l448: LilDirt_5 + 2
l449: Agent47_6 + 2
l450: OkiRoe_6 + 6

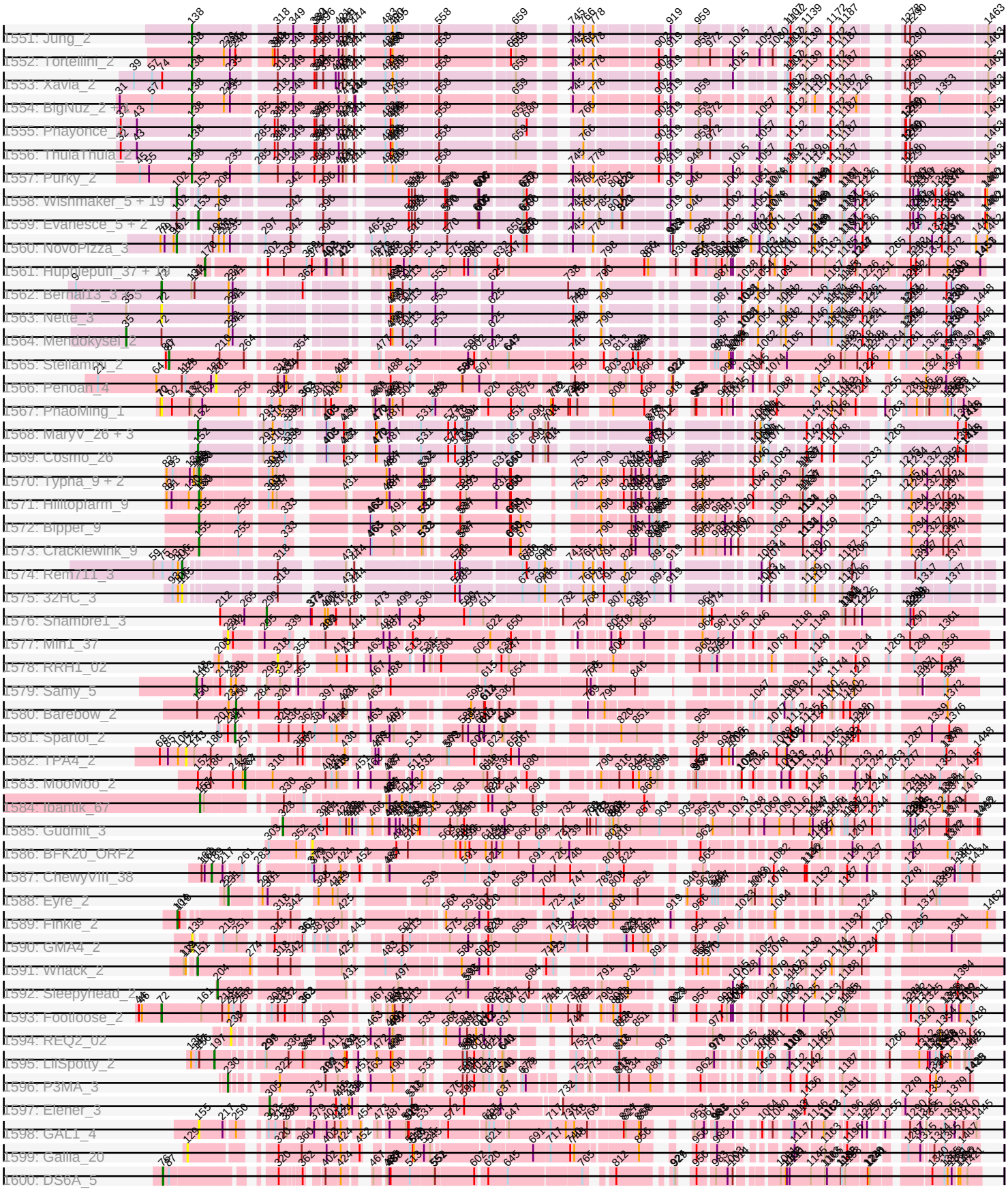
Pham 310994


I451: Waterfoul_6
I452: Omnicron_6
I453: Marshawn_9
I454: Cain_7 + 2
I455: Syra333_7
I456: Ekdilam_5
I457: Sunflower1121_6 + 1
I458: Ximenita_8
I459: Ellie_5
I460: Applecrisp_6
I461: Tigress9_7
I462: Yuna_8
I463: Hammy_7 + 2
I464: Krueger_7
I465: Tierra_7
I466: Lavahound_6 + 1
I467: TCill_7
I468: November_6
I469: Unicorn_7 + 1
I470: SirPhilip_7
I471: Amgine_6
I472: Aminay_6
I473: Boilgate_5
I474: LeBron_4
I475: OhSnagHennessy_4
I476: Zaria_4 + 7
I477: Halena_4 + 4
I478: Cairn_4 + 4
I479: BobsGarage_4 + 12
I480: DHan_4
I481: Gardann_4 + 14
I482: ZhongYanYuan_3 + 1
I483: Rumpelstiltskin_4
I484: Bazzle_4
I485: Lewan_4
I486: Archie_4
I487: Rossetti_4
I488: Tourach_4
I489: DanBing_3
I490: GuuelaD_4
I491: Zakai_4
I492: Claus_4
I493: MiniLon_5 + 1
I494: Red305_5 + 9
I495: Moostard_5 + 3
I496: LlyuLake_5
I497: KirDoubleO7_3
I498: Ellson_5
I499: MiniMac_5
I500: Krypton555_5

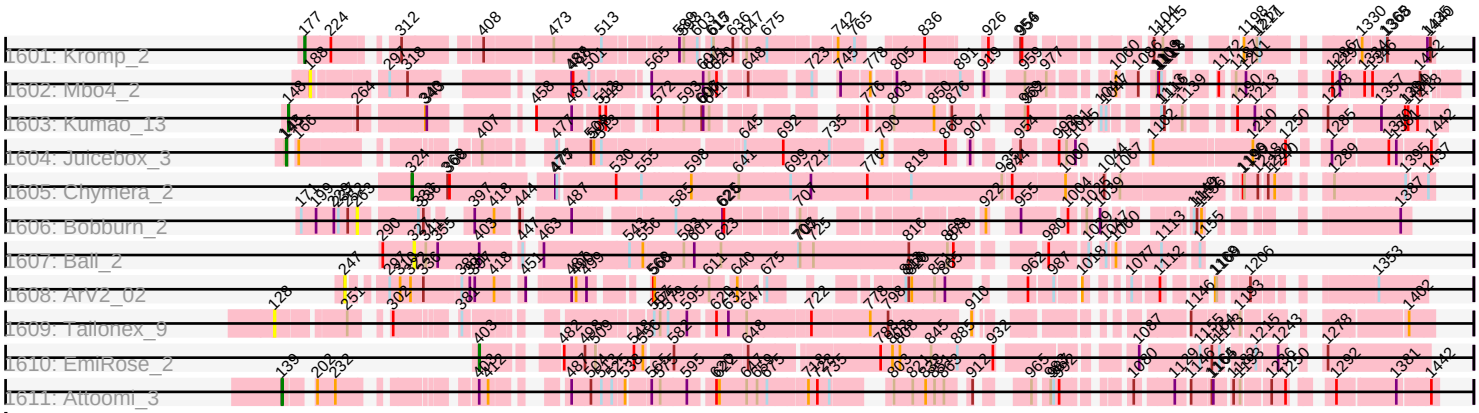
Pham 310994



Pham 310994


1551: Jung_2
1552: Tortellini_2
1553: Xavia_2
1554: BigNuz_2 + 2
1555: Phayonce_2
1556: ThulaThula_2
1557: Purky_2
1558: Wishmaker_5 + 19
1559: Evanesce_5 + 2
1560: NovoPizza_3
1561: Hupplepuff_37 + 10
1562: Bernard13_3 + 5
1563: Nette_3
1564: Mendookysel_2
1565: Stellamay_2
1566: Penoan_4
1567: PhaoMing_1
1568: MaryV_26 + 3
1569: Cosmo_26
1570: Typha_9 + 2
1571: Hilltopfarm_9
1572: Bipper_9
1573: Cracklewink_9
1574: Rem711_3
1575: 32HC_3
1576: Shambre1_3
1577: Mim1_37
1578: RRH1_02
1579: Samy_5
1580: Barebow_2
1581: Spartol_2
1582: TPA4_2
1583: MooMoo_2
1584: Ibantik_67
1585: Gudmit_3
1586: BFK20_ORF2
1587: ChewyVIII_38
1588: Eyre_2
1589: Finkle_2
1590: GMA4_2
1591: Whack_2
1592: Sleepyhead_2
1593: Footloose_2
1594: REQ2_02
1595: LilSpotty_2
1596: P3MA_3
1597: Elener_3
1598: GAL1_4
1599: Gallia_20
1600: DS6A_5

Pham 310994


1601: Kromp_2
1602: Mbo4_2
1603: Kumao_13
1604: Juicebox_3
1605: Chymera_2
1606: Bobburn_2
1607: Ball_2
1608: ATV2_02
1609: Tallonex_9
1610: EmiRose_2
1611: Attoomi_3

Note: Tracks are now grouped by subcluster and scaled. Switching in subcluster is indicated by changes in track color. Track scale is now set by default to display the region 30 bp upstream of start 1 to 30 bp downstream of the last possible start. If this default region is judged to be packed too tightly with annotated starts, the track will be further scaled to only show that region of the ORF with annotated starts. This action will be indicated by adding "Zoomed" to the title. For starts, yellow indicates the location of called starts comprised solely of Glimmer/GeneMark auto-annotations, green indicates the location of called starts with at least 1 manual gene annotation.

Pham 310994 Report

This analysis was run 06/27/26 on database version 652.

WARNING: Pham size does not match number of genes in report. Either unphamerated genes have been added (by you) or starterator has removed genes due to invalid start codon.

Pham number 310994 has 3497 members, 437 are drafts.

Phages represented in each track:
• Track 1 : Paraselene_10, Smeagol_12, Ringer_11, StewieG_10, Marsha_11, Sorpresa_11, Sandaddy_10, KyMonks1A_13, AFIS_11, Nhonho_11
• Track 2 : Molly_12, BPBiebs31_12
• Track 3 : Francis47_11, Alvin_12, Gompeii16_11, Aeneas_13, ChristmasHams_11, Eyeball_11, Bircsak_11, Magnito_10, HermioneGrange_12, ConceptII_11, PascalRango_10, PhrostyMug_11, Abrogate_120, MPlant7149_10, Mule_11, Carlyle_13, Adahisdi_12, Pinto_13, Bob3_10, Licorice_13
• Track 4 : Euphoria_11, Sumter_10, Scowl_12, Marco3_11, BaconJack_13, DrFeelGood_10, Marcell_11
• Track 5 : BeesKnees_12
• Track 6 : Thor_11, SarFire_11
• Track 7 : Pita2_13, Tote_13, RidgeCB_11, JuliaChild_13, LilBib_12, PSullivan_13, Swole_13
• Track 8 : Acme_13, BigMau_13, Jerm2_12, Museum_13, Pippin_13, Rubeus_12, PattyP_13, Sibs6_13, Burton_12
• Track 9 : Bigchungi_11, PowerRanger_11, Abbyshoes_12, Dussy_12, Zephyr_11, Zeuska_12
• Track 10 : Switzer_12, U2_11, KSSJEB_11
• Track 11 : BigPaolini_12, MilleFeuille_10, Alsfro_15
• Track 12 : Aldrich_12, Noxious_13, Hermia_13, KikiBouba_13, CatBus_12, Iqorha_10, DirtDevil_12, GroundGoblin_12
• Track 13 : STLscum_12
• Track 14 : Fushigi_12, Marge_12, SpikeBT_13, Monet_13, GageAP_13
• Track 15 : Bigfoot_10, CactusRose_10, Fascinus_10
• Track 16 : Petruchio_11, Froghopper_12
• Track 17 : Marchy_10, Ajay_11, Snazzy_9, Bones_11, Payneful_11, Graduation_13, BarrowTuph_10, LunarLander_11
• Track 18 : Lockley_11, DD5_12
• Track 19 : A6_09, BK1_09, Papez_13
• Track 20 : Ichabod_12, Briton15_13
• Track 21 : Fajezeel_13, Greg_13
• Track 22 : Crispicous1_10, Doom_11, Watermelon_13, Ruotula_10, Lesedi_10, MrGordo_11

• Track 23 : EnzoK_12, Dexes_12, Altman_12, Traft412_13, Kanely_12, Wheeler_11, Solon_11, Gachnar_11, Sagefire_12
• Track 24 : Mkhuseli_12
• Track 25 : Perseus_12, Blackflame_11, Jasper_12, Moose_10, Turj99_10, ShortQueendom_11, Forsytheast_10, Dreamboat_12, SwissCheese_11
• Track 26 : McGuire_12, Dynamix_12
• Track 27 : Applejack_11, Sunshine924_10, Rhynn_11, ILeeKay_13
• Track 28 : Dulcie_10
• Track 29 : Slagathor_12, HarryOW_12
• Track 30 : QTRlifeCrisis_11
• Track 31 : Kenmech_14
• Track 32 : Smairt_12, Gandalf20_12, KBG_12, Agaliana_11, PacerPaul_11
• Track 33 : Gwendoluna_13
• Track 34 : Nerujay_12, Maroc7_10, Arlo_10, Puppet_11
• Track 35 : Lamina13_11
• Track 36 : Pepe_12, Killigrew_9, Arcanine_12, Hope4ever_11, Parliament_10, Rajelicia_11
• Track 37 : Squee_12
• Track 38 : Topgun_11, Teodoridan_9, SkiPole_13
• Track 39 : Rohr_12, Buttons_12
• Track 40 : GMonster_10, TwoPeat_12
• Track 41 : Pelly_12
• Track 42 : Magnar_11
• Track 43 : HanShotFirst_11, Homines_11
• Track 44 : BillKnuckles_12
• Track 45 : Gyzlar_13, Bruns_10, Treddle_13
• Track 46 : GrecoEtereo_12
• Track 47 : Barriga_11
• Track 48 : Rufus_12
• Track 49 : Ashballer_10
• Track 50 : IgnatiusPatJac_10, BluSpix_11
• Track 51 : Tripl3t_12
• Track 52 : Atkinbua_12
• Track 53 : Bxb1_10
• Track 54 : Target_13, Kykar_9
• Track 55 : Seabiscuit_13
• Track 56 : Peterson_14
• Track 57 : MaryBeth_11, MetalQZJ_11, Corvo_11
• Track 58 : Seanderson_12, JC27_13, Trouble_11
• Track 59 : Edtherson_12
• Track 60 : Niza_13
• Track 61 : NEHalo_11
• Track 62 : McSinger_12
• Track 63 : Chanagan_10
• Track 64 : Sanya_10
• Track 65 : JackSparrow_12
• Track 66 : DreamCatcher_14
• Track 67 : Raid_11
• Track 68 : Blesser_11
• Track 69 : Pari_12
• Track 70 : Wilkins_11
• Track 71 : Whitspit_12
• Track 72 : Manatee_12

• Track 73 : Michley_11
• Track 74 : TheloniousMonk_13
• Track 75 : Cueylyss_11, Zeeculate_10
• Track 76 : Mryolo_10
• Track 77 : Blue_11
• Track 78 : Hami1_13
• Track 79 : PherrisBueller_12, Jorgensen_11
• Track 80 : Kugel_12
• Track 81 : Ciao_11
• Track 82 : Tasp14_12
• Track 83 : Inyanga_10
• Track 84 : Paphu_10
• Track 85 : Rutherferd_13
• Track 86 : ProMouse_10
• Track 87 : Espresso_11
• Track 88 : PinkPlastic_10
• Track 89 : Ohno789_10
• Track 90 : Norz_13
• Track 91 : Oogway_10
• Track 92 : Eaglepride_12
• Track 93 : Drake94_10
• Track 94 : Shapes_14, RhynO_12, DustyMartin_14, Rowdy_14
• Track 95 : Chupacabra_11
• Track 96 : KittenMittens_10
• Track 97 : Rebeuca_12, Kristoff_12
• Track 98 : DontArgue_10
• Track 99 : Twister_11, Topanga_11, Edison31_11, WalterMcMickey_11
• Track 100 : Severus_10
• Track 101 : Poompha_10
• Track 102 : Goose_11, OKCentral2016_11
• Track 103 : PeaceMeal1_10
• Track 104 : Trike_9
• Track 105 : Salz_12, Snape_12, Mulciber_12
• Track 106 : Et2Brutus_11, Bachome_12, Ebony_12, Bud_12, Munch_12, Petersenfast_11, MaCh_12, Orange_12, Bowtie_12, Sham4_12, Gilberta_12, Joselito_12, Wolpertinger_11, TinyTimmy_12, Mabel_12, Aneem_12
• Track 107 : Timothy_12, Hutc2_12, Fibonacci_12
• Track 108 : Saskia_11
• Track 109 : Lucivia_12, Jabith_12, Flaverint_12, Insomnia_12, Kimba_12
• Track 110 : Refuge_15
• Track 111 : DarthPhader_13
• Track 112 : Pharaoh_12
• Track 113 : Zimmer_14
• Track 114 : Steamy_13
• Track 115 : Phlei_8
• Track 116 : Jeeves_11
• Track 117 : Luchador_12
• Track 118 : Gail_11
• Track 119 : SororFago_11
• Track 120 : Sunhee_11
• Track 121 : Switzerland_14, LastResort_14, ReMo_14, MinecraftSteve_15, Anaysia_14, Soups_14, Boohoo_14, Warrior24_14, Nebulosus_14, Looper_15, Epsocamisio_14, Oofda_14, Battleship_15, Rosalind_14

• Track 122 : ShayRa_15, KatherineG_14, Strosahl_14, JSwag_14, Remus_14, Ravana_14, DekHockey33_14, Waits_14
• Track 123 : Elle_12
• Track 124 : Nedarya_13
• Track 125 : Anon_12
• Track 126 : LogiBear_15
• Track 127 : EagleEye_14, PainterBoy_13, Lucyedi_13
• Track 128 : 40AC_15
• Track 129 : MyraDee_9
• Track 130 : Kimona_8
• Track 131 : Tomathan_15, D32_15, Travvers_15, DBQu4n_15, StarStuff_15, Kerberos_15, D29_13, Naji_15, Duplo_15
• Track 132 : GaugeLDP_14, BabyBack_14
• Track 133 : Malec_13
• Track 134 : Miko_15
• Track 135 : Larenn_13
• Track 136 : Landor_13, Bactobuster_13, Tristan_13, Jaan_15, Phaded_15, IronMan_14
• Track 137 : AN9_15, VC3_15, ANI8_15, C3_10
• Track 138 : Equemioh13_14, WideWale_14, Updawg_14, Gratitude_13
• Track 139 : AnnaL29_15
• Track 140 : Prudy_14
• Track 141 : SwirlSquare_13
• Track 142 : Rachaly_15
• Track 143 : Koduck_13, L5_13
• Track 144 : Serenity_11, Bradman_11, Quokka_10, MajorMajor_11
• Track 145 : TarsusIV_12
• Track 146 : Colin_16
• Track 147 : Changeling_15
• Track 148 : JoshKayV_14
• Track 149 : Baehexic_13
• Track 150 : Drake55_14, Piro94_13, Flare16_12, HarryHoudini_14
• Track 151 : First_0012, 20ES_12
• Track 152 : Echild_12, Benvolio_12
• Track 153 : Crucio_12, QueenBeesly_12, Georgie2_13, Retro23_12, Dalmatian_12, SemperFi_14, DudeLittle_12, SnapTap_12, FiringLine_12
• Track 154 : Jsquared_11
• Track 155 : AN3_12
• Track 156 : Che12_13
• Track 157 : TipsytheTRex_11
• Track 158 : Whabigail7_14, LilTurb_14, Jerm_14, Bugsy_14, Leviathan_14, Turbido_14, Dignity_14, AbbyPaige_14, Agape74_14
• Track 159 : EZMoney23_16
• Track 160 : Fameo_12, QueenB2_12, Heffalump_14
• Track 161 : Smeagan_14
• Track 162 : MissWhite_12, Journey13_10
• Track 163 : RedRock_15
• Track 164 : Sknot_12
• Track 165 : Loser_15
• Track 166 : WeiHuaDA_18, Trixie_15
• Track 167 : HippoHollow_13
• Track 168 : Kalpine_15
• Track 169 : ArcherNM_14

• Track 170 : MiculUcigas_12
• Track 171 : Anselm_12
• Track 172 : Trooper_12
• Track 173 : Herbertwm_10
• Track 174 : NaSiaTalie_12
• Track 175 : VA6_12
• Track 176 : KingCyrus_14
• Track 177 : XianYue_12
• Track 178 : Pukovnik_14
• Track 179 : BengiVuitton_13
• Track 180 : Centaur_14
• Track 181 : Lokk_15, BobSwaget_15
• Track 182 : DeerParkTS_13
• Track 183 : Acolyte_12
• Track 184 : Odin_11
• Track 185 : EvilGenius_14, ChipMunk_14
• Track 186 : Leogania_14, BiancaTri92_14
• Track 187 : Caraxes_11, Superchunk_11
• Track 188 : CRB1_12
• Track 189 : SweetiePie_12
• Track 190 : Power_12
• Track 191 : Adzzy_13, Ph8s_13
• Track 192 : LionsBait_13
• Track 193 : ForesterFrank_13
• Track 194 : Deloris_13
• Track 195 : Iwokeuplikedis_12
• Track 196 : Pomar16_15
• Track 197 : Terrific_16
• Track 198 : NothingSpecial_14
• Track 199 : LadyBird_12
• Track 200 : NicoleTera_16
• Track 201 : Anthony_11
• Track 202 : FatCactus_10
• Track 203 : Kinmap_11
• Track 204 : Chargerpower_12
• Track 205 : Noella_12, Texage_11, Veracruz_11, Panamaxus_12, Caviar_12, QuinnKiro_11, Norbert_11, Margo_12, Popcicle_12, ResDef_12, EtoileNova_12, Pocahontas_12, Lambert1_12, Todacoro_12, Hookmount_12
• Track 206 : Lowa_13, Malinsilva_15, SoYo_13, StepMih_13, Grub_13, KADY_14, Misomonster_15, Dieselweasel_13, MuchMore_15, Hercules11_13, Phoebe_13, LBerry_13, Tiffany_13, MarQuardt_13, Jobu08_13, Sabia_13, Gwennie_12, LarryKay_13, DaHudson_13, P28Green_13, Colbster_13, TinyPebbles_13, HashRod_14, Aglet_13, Croquant_14, Watson_13, Grum1_13, Grif_13, BuzzBuzz_12, Stagni_13, Wooldri_15, Ollie_13, Rummer_13, Bxz2_13, PGHhamlin_15, PotatoSplit_14, Farber_13, Microwolf_13, AgronaGT15_13, JHC117_13, GtownJaz_13, Penny1_13, EpicPhail_13, Montavir_12, Phoxy_13, Lilith_13, Snickers_13, Spike509_13, SoilDragon_13, Mainiac_13, Pembroke_13, Methuselah_13, Sabinator_13, Beauxregard13_13, MadMarie_13, BreSam8_13, Soshari_15, AugsMagnumOpus_15
• Track 207 : Heliosoles_13, HaveUMetTed_14, Manu_14, Pawn_13, Groupthink_14, PurpleHaze_13, Calvinny_14, OlanP_13, Kalb97_14, PhishRPhriends_12, Gemma_13, Kalnoky_14, Marius_14
• Track 208 : Kachowdy_11, Heathen_11, Zarafa_11

• Track 209 : Marie_13, Taurus_13, LugYA_15, Cullens_13, Fernando_13, JenCasNa_13, MoneyMay_13, Bigflo_13
• Track 210 : ACFishhook_13
• Track 211 : Bugatti_11, Giroux_12, Puppy_12, Idleandcovert_11, SaturnRing_11, TNguyen7_11, Clammy_11, Pistachio_12, BlueBird_12
• Track 212 : Zetzy_12
• Track 213 : BabyJohn_10, Chiqui_10
• Track 214 : Phranny_14, ClownCar_14, Reba_14
• Track 215 : HelDan_11
• Track 216 : Louie6_13
• Track 217 : JF4_11, JF2_11, B1_09, MK4_11
• Track 218 : Phantastic_11
• Track 219 : Scout_11, Fred313_11
• Track 220 : JeppNRM_14
• Track 221 : GingkoMaracino_13, Anubis_15
• Track 222 : BabyRay_11
• Track 223 : Roimos_11
• Track 224 : Vix_13
• Track 225 : DropBear_11, Marchesa_11
• Track 226 : Isca_11
• Track 227 : Daishi_12
• Track 228 : MA5_11
• Track 229 : Rockstar_11
• Track 230 : BubbleTrouble_11, Mayonnaise_11, Ulysses_10, Chaph_11, Citius_11, MeeZee_11, ICleared_11, Commander_11, Sultana_11, Bartimeaus_11, Burger_10, SteMason_11, Flux_11, Medusa_11, Annyong_11, JoongJeon_11, TygerBlood_11, Wilbur_11, LappelDuVide_11, Bruiser_11, Scamp_11, Baby16_11, Romney_11, Cocoaberry_11, Maverick_11, NorthStar_11, SenorClean_11, Mazhar510_11, Funston_11, Deano_11, Florean_11, Dhanush_11, Happiness_11, Eros_11, Clarenza_11, Sparxx_11, Koreni_10, Ruin_11, PeterPeter_11, Tinybot_10, Maxo_11, Pipcraft_11, Broseidon_11, Kratark_11, RockieBear_10, Kampy_11, Bombshell_11, Avle17_11, Spino_11, Roosevelt_11, Connomayer_11, JetBlade_11, KFPoly_11, Phacado_11, Peaches_11, Shaka_11, Wizard007_11, Gadost_11, NotAPhaseMom_11, HamSlice_10, Blackmoor_11, Abdiel_11, KekoraPapaka_10, Melvin_11, Phelipe_11, Alberto7_12, Eris_11, Lorenzo_11, Druantia_11, Relief_11, CentreCat_11, TinaFeyge_11, Jaykayelowell_11, Phighter1804_11, Wander_11, Sabertooth_11, DirtyDunning_11, TroyPia_11, Huxley_11, Taquarus_11, Palestino_11, Iceman_11, Pumbaa_11, Iracema64_11, Albee_11, Houdini22_11, TiroTheta9_11, Eapen_11, Holli_11, Kingmustik0402_11, Thanksgivukkah_11, Caelakin_11
• Track 231 : Noelle_11
• Track 232 : Koan_11, Lunsford_12, Kyee_11, Lemur_11
• Track 233 : Wile_11, Datway_11, Xena_11, Cici_11, Backyardigan_11, Badger_11, Bumblebee11_11, Achebe_11
• Track 234 : Nebs_11, BellusTerra_11, YoSam321_11, Ohfah_11, Eurydice_11, Polymorphads_11
• Track 235 : Eagle_10, SheldonCooper_11, Rosa24_10, BangNhom_10, Cerulean_11, ChampagnePapi_11
• Track 236 : PetiteSangsue_11
• Track 237 : Katalie136_11
• Track 238 : Stasia_12
• Track 239 : Miramae_11
• Track 240 : Nyxis_11

• Track 241 : Skipitt_11
• Track 242 : Shygu2_11
• Track 243 : Arturo_10
• Track 244 : Camperdownii_10
• Track 245 : AbbysRanger_11
• Track 246 : Nemo27_11
• Track 247 : Kremtemulon_11
• Track 248 : Obama12_11, LHTSCC_11
• Track 249 : LittleGuy_11, Phontbonne_11
• Track 250 : LochMonster_11
• Track 251 : OKaNui_11
• Track 252 : Stink_11, AvatarAhPeg_11
• Track 253 : Mundrea_11
• Track 254 : Cindaradix_10
• Track 255 : LittleB_11
• Track 256 : Perplexer_11, Morpher26_11
• Track 257 : LeoAvram_11
• Track 258 : Morrow_11
• Track 259 : Cintron_11
• Track 260 : Millski_11
• Track 261 : Micasa_9, Prinashe11_10
• Track 262 : Airmid_9
• Track 263 : Midas2_9, Coog_9
• Track 264 : George_8, Cuco_9
• Track 265 : Chadwick_10, Scorpia_10
• Track 266 : Florence4_10, Florence1_9
• Track 267 : Tiger_9, Lev2_9
• Track 268 : Conspiracy_9, ForGetIt_9, Archetta_9, AgentM_9, Phlorence_9, PickleBack_9
• Track 269 : UnionJack_9
• Track 270 : Naca_9
• Track 271 : Dublin_8, Theia_8
• Track 272 : Milcery_9, Swirley_9
• Track 273 : Discoknowium_9
• Track 274 : Twigg_9, HuhtaEnerson15_9, LittleCherry_9
• Track 275 : Jabiru_9
• Track 276 : Bluefalcon_8
• Track 277 : Ghoulboy_9
• Track 278 : SydNat_9, Zolita_8
• Track 279 : ElTiger69_9
• Track 280 : Jovo_9
• Track 281 : Aragog_9
• Track 282 : Benedict_9, PetterN_10
• Track 283 : Bonamassa_9
• Track 284 : MarysWell_8
• Track 285 : Tarynearal_8
• Track 286 : DelvinSonDorr_14, SuperCallie99_15, BABullseye_15, EricB_15
• Track 287 : Priamo_15, SmellyB_15, Dorothea_15, Chartreuse_15, DaVinci_15, Blinn1_15, VohminGhazi_15, Kazan_15, BennyP_15, Candra_15, Jeffabunny_15, Kipper29_15, JewelBug_15, Hoot_15, CloudWang3_15, McFly_15, GreedyLawyer_15
• Track 288 : Hammer_15, Temprado_15, ToneTone_14, Artemis2UCLA_15, Lilbunny_15, Koko_15, Blue7_15, Roksolana_15, Indra_15, Garak_16, Wiks_15,

BlessJoy_15, Yokurt_15, WunderPhul_15, Hexamo_15, Zaka_15, Tucker_15, Helmet_15, Zulu_15
• Track 289 : Cookiedough_15, Neeharika16_15, Pmask_15, Jordennis_15, Newrala_15, Polyphemus_15
• Track 290 : Rifter_15, Gladiator_15, Gruunaga_15
• Track 291 : SuperAwesome_15
• Track 292 : Isiphiwo_15
• Track 293 : PP_21
• Track 294 : HINdeR_11
• Track 295 : Timshel_12
• Track 296 : Sheen_13, FlyCatcher_15, Toro_14
• Track 297 : DroogsArmy_12
• Track 298 : Smeadley_9, Roary_9, Dixon_9
• Track 299 : Astro_9, Caitlin_9, Stephig9_9, Expelliarmus_8, Danforth_8, Groundhog_8
• Track 300 : Saintus_9
• Track 301 : NearlyHeadless_9
• Track 302 : Phillis_9
• Track 303 : Tubs_13, Aliter_13, Fayely_13, Priya_13, Myxus_13, HortumSL17_13, Alma_13, Eidsmoe_13, Ugenie5_10, Spouty_13, PackMan_13
• Track 304 : Arissanae_11
• Track 305 : LoneWolf_13
• Track 306 : Lilleskat_11, Phonnegut_13, Holex_12, Qobbit_13, RyeScarlet_14, Beemo_13, Hanray_12, Scherzo_13, EmyBug_13
• Track 307 : Celestialunch_12
• Track 308 : WorldCup_10, Minispark_10, Bellris_10, Rahalelujah_11, CogOmlette_10
• Track 309 : Darrell_14
• Track 310 : Toaka_11
• Track 311 : Onglai_12
• Track 312 : Vanisoa_11
• Track 313 : Pioneer_13, Conquerage_13, Catalina_13, ExplosioNervosa_13, Sachima_11, Phaeder_13, EdogawaKiddo_11, Ayanochan_14
• Track 314 : Klodlith_12, Charm_12, DreamTeam1_12
• Track 315 : MegTheThird_11
• Track 316 : Elephantoon_13
• Track 317 : Keziacharles14_11
• Track 318 : BogosyJay_13
• Track 319 : SheaKeira_12
• Track 320 : Maminiaina_13
• Track 321 : Yecey3_12
• Track 322 : Jiawan_12
• Track 323 : Salvus_6, LongHai_6
• Track 324 : 8UZL_5, FF47_05
• Track 325 : JacoRen57_2
• Track 326 : Muddy_5
• Track 327 : NoShow_2
• Track 328 : Maco6_3
• Track 329 : Farewell_2, Sparky_2
• Track 330 : Nergal_5
• Track 331 : MalagasyRose_7
• Track 332 : JustASigh_2
• Track 333 : Weirdo19_2

- Track 334 : WST1_2
- Track 335 : IdentityCrisis_2
- Track 336 : Misaeng_5
- Track 337 : HunterDalle_2, Vulture_2
- Track 338 : Aledel_2, Eunoia_2, Riovina_2, OMalley_2
- Track 339 : ChewChew_2
- Track 340 : Maria1952_2, Herb_2, Temper16_2, KingBob_2, Sergei_2
- Track 341 : DrRobert_2
- Track 342 : Bodacious_2, CristinaYang_2, Nancia_2, Lasagna_2, LilStuart_2
- Track 343 : Huckleberry_2, HeadNerd_2
- Track 344 : DreamTeam_2, Preamble_2, Gisselle_2
- Track 345 : Greenhouse_5
- Track 346 : Makoto_2
- Track 347 : Fluke_5
- Track 348 : Oxynfrius_5
- Track 349 : Suppi_5, Wayne_5, Canowicakte_5
- Track 350 : WonderBoy_2
- Track 351 : MamaPearl_2, EstebanJulior_2
- Track 352 : Kittykat_2
- Track 353 : BrotherBLo_5, Kalizoi_5
- Track 354 : GreenHearts_5
- Track 355 : OurGirlNessie_2
- Track 356 : Jumboset_5
- Track 357 : Riverdale_5, Beethoven_5
- Track 358 : Joann_5
- Track 359 : Nubia_5
- Track 360 : Savage2526_5
- Track 361 : Bennie_2
- Track 362 : Albanese_5
- Track 363 : Potatoes_5, Cholula_5
- Track 364 : TattModd_5, Carpal_5, Korra_5, Zorro_5, Dino_5
- Track 365 : RcigaStruga_5, Huntingdon_5
- Track 366 : Lakshmi_5
- Track 367 : PartyCup_5
- Track 368 : Litotes_5
- Track 369 : Urla_2
- Track 370 : Scuttle_5
- Track 371 : Pumancara_2, Supakev_2
- Track 372 : MrGloopy_5
- Track 373 : Moki_2
- Track 374 : PitaDog_2
- Track 375 : BigMack_2
- Track 376 : CallieOMalley_5
- Track 377 : Immaculata_5
- Track 378 : AppleCider_5
- Track 379 : Christian_2
- Track 380 : Glenn_5, Wawa_5
- Track 381 : Chridison_2
- Track 382 : MrBoss_5
- Track 383 : Vallejo_5
- Track 384 : Pterodactyl_2
- Track 385 : AustinPowers_2
- Track 386 : Graynor_5

• Track 387 : Lennox_2
• Track 388 : Lucy_2
• Track 389 : MeganNoll_5, RAP15_5
• Track 390 : Daiboju_2
• Track 391 : Rozby_5
• Track 392 : PinkFriday_2
• Track 393 : Benllo_7
• Track 394 : Correa_8, Cheesy_8, Xenomorph_7
• Track 395 : KeaneyLin_7, GoCrazy_7, Circum_8
• Track 396 : Mudcat_8, Heisenberger_8
• Track 397 : Bowling_8, Dynamite_8, Kardesai_7, NapoleonB_8, Tribby_8
• Track 398 : YoshiYama_7
• Track 399 : Arcadia_8, Elsa_8, Nason_8
• Track 400 : Stardom_7
• Track 401 : Hankly_7
• Track 402 : JEGGS_8
• Track 403 : BenitoAntonio_8
• Track 404 : Mooshroom_8
• Track 405 : Hunnie_4, Stratus_4, Jessica_5, Arby_4, Copper_4, Courtney3_4, Guntur_4, Moloch_4, TymAbreu_4, Ronnie_4, Mariposa_4, Sandman_4, LouisXIV_4, Chestnut_4, TinoCrisci_4, Dewayne_4, CGermain_4, Maggie_4, Azathoth_4, Massimo_4, Prospero_4, Inspire2_4
• Track 406 : SerialPhiller_2
• Track 407 : Laila_5, KylieMac_5, Elkhorn_4, Saphira_4, StewieGriff_4, Blair_4, Swenson_4, Lore_4
• Track 408 : StrawberryLem_2, Kels_2
• Track 409 : Link_4, Sourignavong_5
• Track 410 : Taj14_4
• Track 411 : Vinye_4
• Track 412 : Decurro_4, Muttlie_4, Yank_4
• Track 413 : Seume_4, Toulouse_3
• Track 414 : ElectricPheel_5
• Track 415 : FirePit_2, Arielagos_2
• Track 416 : Ximeno_2, Eyoseyas_2
• Track 417 : Abidatro_3
• Track 418 : Chickaboom_2, WileyE_2
• Track 419 : Niblet_3, Chicken_3, Zixiang_3
• Track 420 : Pelletreau_4, Westrich_4, Gravel_4
• Track 421 : Orcanus_3
• Track 422 : Basilisk_3
• Track 423 : KendraB23_4
• Track 424 : Ruchi_3
• Track 425 : Eesa_3
• Track 426 : Brynnie_3
• Track 427 : Vulpecula_3
• Track 428 : Toad24_4
• Track 429 : Shen_4, Amanises_4
• Track 430 : TaylorSipht_3
• Track 431 : Jamun_3
• Track 432 : Galaxy_3
• Track 433 : Amelia_4, Damocles_4, Bedetta_4, Pineda_4, Cote_4, Jerole_4
• Track 434 : GramZayde_3
• Track 435 : Cygnet_3

• Track 436 : OtsoOtso_3
• Track 437 : Melons_4, Lunar_4
• Track 438 : Colusalem_3
• Track 439 : LittleTokyo_3
• Track 440 : Daob_4
• Track 441 : HannahPhantana_4, Bibble12_4
• Track 442 : Antrice_3
• Track 443 : Coral_3
• Track 444 : PhirstandPhine_4
• Track 445 : Kuleana_3
• Track 446 : Zhuangyuan_4
• Track 447 : Polka_3
• Track 448 : Kepler_3
• Track 449 : Amphitrite_2
• Track 450 : Babushka_2
• Track 451 : Oppalora_2, AdoptaAdorbs_2, PhluffyCoco_2, AmiCi24_2, DanHam62_2, RedFox_2, Camara_2, Glotell_2
• Track 452 : Laphuphu24k_2
• Track 453 : Azaz_2, Leona_2, Rattail_2
• Track 454 : HamCheese_2
• Track 455 : KHumphrey_2
• Track 456 : AlexMinion_2, StuartMinion_2
• Track 457 : Andrew_3
• Track 458 : Fingolfin_2
• Track 459 : Atlantica_2
• Track 460 : Juno112_2
• Track 461 : Renna12_3
• Track 462 : CastorTray_8
• Track 463 : LucySwiss_7, Issa_7
• Track 464 : Brunswick_7
• Track 465 : ScienceWizSam_8
• Track 466 : DevitoJr_7, AreFloNak_7, Nivinsha_7, Breylor17_7, Nightmare_7, Darby_7
• Track 467 : Dinallo_8, CapnMurica_7, MiniBagel_7, Tenno_8
• Track 468 : Gordon_7
• Track 469 : ElephantMan_6, Niktson_6
• Track 470 : Westerlin_7
• Track 471 : Hemma_8
• Track 472 : Teacup_7
• Track 473 : Synepsis_6, Tatanka_6
• Track 474 : Acai_7
• Track 475 : Trustiboi_7
• Track 476 : Tokki_7, Shepard_7, Giantsbane_7
• Track 477 : Bouchard_7, Chlochlo_7, Tipton_7
• Track 478 : Phaby_7
• Track 479 : LilHuddy_7
• Track 480 : Loretta_7, Ingrid_7
• Track 481 : Anandi_8
• Track 482 : Caterpillar_8, MediumFry_8
• Track 483 : Makai_7
• Track 484 : Truckee_7
• Track 485 : Uzumaki_8, PoeMe_8, Tenney120_8, GantcherGoblin_7

• Track 486 : Kinny_8, Muglass_7, Lewando_8, Biscute_7, Renaldo_9, BarbieDoll_8, Barbonzobean_8
• Track 487 : Mardi_9, Argan_7, KevinMinion_7, Stardrop_8, Navi1117_8
• Track 488 : Leathea_8
• Track 489 : BlackHoleSun_9
• Track 490 : TrixiePhattel_8
• Track 491 : Phaila_8, Zeina_8
• Track 492 : Altjira_7
• Track 493 : Inked_8
• Track 494 : Zippen_8
• Track 495 : Egad_8, ProfFrink_8, Djungelskog_8, StarLord_8, Spain_7, Shiba_8, Raunak_8, MrAaronian_8
• Track 496 : Boog_8, HerbBucket_7
• Track 497 : Linda_8, Salk_8, Jeremy4pt0_8
• Track 498 : Sloopyjoe_8, Stayer_8, BronxBay_8, Michelle_8
• Track 499 : RustyBoy_7, Natasha_7
• Track 500 : Onestar_7
• Track 501 : Powelldog_7
• Track 502 : DoctorPepper_8
• Track 503 : Sporto_7
• Track 504 : Sprinkle_7
• Track 505 : Atraxa_3, Sputnik_3
• Track 506 : MooKitty_3
• Track 507 : Adaia_3
• Track 508 : Mapleville_2
• Track 509 : Raqqa_3
• Track 510 : Nyilah_2
• Track 511 : Hestia_2
• Track 512 : Phrank15_2
• Track 513 : Persistence_2, CosmicBrownie_2
• Track 514 : Anekin_2
• Track 515 : MUWow_2
• Track 516 : AbbyDaisy_3
• Track 517 : Michkear_5
• Track 518 : ThursdayNight_2
• Track 519 : Lizalica_2
• Track 520 : Skelbel_2, Elezi_2, Subaru_2
• Track 521 : Eraser_2, Niobe_2, Asa16_2, London_2, Jstan_2
• Track 522 : ObiToo_2
• Track 523 : Berrie_2
• Track 524 : Nitro_2
• Track 525 : KeAlii_2
• Track 526 : Adolin_2, DrManhattan_2
• Track 527 : Tallboi_2
• Track 528 : Mudpuppy_2, JohnDoe_2, Tbone_2, Warda_2
• Track 529 : Pixelle_2
• Track 530 : Reedo_2
• Track 531 : Kaylissa_2, Tutumahutu_2, Powerpuff_2, Cyan_2, YesChef_2
• Track 532 : Sue2_2
• Track 533 : DrSierra_2
• Track 534 : Pumpkins_2
• Track 535 : JuneStar_2, Yang_2
• Track 536 : MissSwiss_2, PandaPo_2

• Track 537 : AGrandiflora_2
• Track 538 : Joemato_2, Flutur_2, Simpson_2
• Track 539 : IttyBittyPiggy_2
• Track 540 : Iter_2, Ascela_2
• Track 541 : Janeemi_3
• Track 542 : Tian_2, Amyev_2
• Track 543 : Turab_2, Amploria_2
• Track 544 : Tuck_3, Phives_3, Community_3
• Track 545 : Adumb2043_2
• Track 546 : VResidence_2
• Track 547 : Cassia_2
• Track 548 : Wildwest_3
• Track 549 : Crewmate_3
• Track 550 : TforTroy_2
• Track 551 : AEgle_2
• Track 552 : Lego_2
• Track 553 : Schaffner_2
• Track 554 : MaGuCo_2
• Track 555 : IUFootball_2, Maureen_2, Liebe_2
• Track 556 : Tweety19_3, Snek_3
• Track 557 : JohnThicc_2, LadyAstra_2, FiveHead_2
• Track 558 : Emotion_2
• Track 559 : JasmineDragon_2, ShakeItOph_2
• Track 560 : MiniMommy_2
• Track 561 : Origami_2
• Track 562 : AceofSpades_2, VroomVroom_2
• Track 563 : Halsey_2, Moss_2, SpecialK_2, RockScotty_2
• Track 564 : Sabourin_2, Kalimba_2, Cappuccino_2, Gambol_2, Donkey_2, Sooty_2
• Track 565 : Mysterium_2, Beaupre_2, Gumpizza_2, Stuu_2
• Track 566 : Ashes_2
• Track 567 : Giorgio_2
• Track 568 : Soondubu_2
• Track 569 : Exile_2
• Track 570 : AinMach_2
• Track 571 : SPB78_2
• Track 572 : VWB_2
• Track 573 : Samora_2
• Track 574 : Vash_2
• Track 575 : phiBT1_33
• Track 576 : Euratis_2
• Track 577 : TG1_2
• Track 578 : Lilbooboo_2
• Track 579 : Shawty_2
• Track 580 : Sebastisaurus_2
• Track 581 : Heather_2
• Track 582 : RemusLoopin_2
• Track 583 : Nabi_6, Rana_6
• Track 584 : Eddasa_7, Izzy_7, BryanRecycles_7, Oliynyk_7
• Track 585 : Lorelei_6
• Track 586 : Asten_6, Dwayne_6, Chucky_6, SarahRose_6, OzzyJ_7, Snorlax_6, Werner_6, BarryBee_8, Whatever_6, Hippo_6
• Track 587 : Bovely_6, Aaronocolus_6, Legacy_6, Phettuccine_6, Hydra_8, Nerdos_6, Indigo_6, Caliburn_6

• Track 588 : Unstoppable_6, Ozzie_6, BeardedLady_7, Esperer_6, SunsetPointe_6, Leviticus_6
• Track 589 : Jash_7, Rusticus_7, EnochSoames_7
• Track 590 : Katalie_7, RedBear_8, South40_7
• Track 591 : Emaanora_8
• Track 592 : TagePhighter_7
• Track 593 : Lika_6, Godpower_7, Sujidade_7
• Track 594 : Ejemplo_6, Maneekul_6, TuanPN_6, Yasdnil_6
• Track 595 : Dattran_7, Goby_6
• Track 596 : Lannister_7
• Track 597 : Zemlya_7, Brataylor_7, Celeste_6, Danzina_7
• Track 598 : Nanodon_8
• Track 599 : Toma_6
• Track 600 : Triste_6
• Track 601 : Axiom_7
• Track 602 : ELB20_05, R4_6
• Track 603 : TinaBelcher_6
• Track 604 : Amethyst_6
• Track 605 : Haizum_6
• Track 606 : Andris_6
• Track 607 : Puginator_8
• Track 608 : Janus_7, GirlDinner_6, Animus_7
• Track 609 : Marav_9
• Track 610 : Zainub_8
• Track 611 : Pablito_6
• Track 612 : Jevington_8
• Track 613 : Daudau_6
• Track 614 : TrvxScott_5
• Track 615 : Nishikigoi_6
• Track 616 : BartholomewSD_8, Alvy_8
• Track 617 : Caelum_7
• Track 618 : Superstar_8
• Track 619 : Tefunt_6
• Track 620 : SqueakyClean_7
• Track 621 : Hank144_7
• Track 622 : Issmi_7
• Track 623 : Paolo_8
• Track 624 : Thestral_7
• Track 625 : Loofah_7, Paedore_6
• Track 626 : Bowden_7
• Track 627 : Diane_6
• Track 628 : Omar_7
• Track 629 : Amela_6, Verse_6
• Track 630 : Pavo_7, ElGato_7, Kaine_6, Conan_7, Sudan_6
• Track 631 : Alsaber_7
• Track 632 : Verabelle_7
• Track 633 : Provolone_7
• Track 634 : Jhitchelle_5
• Track 635 : Dexers_5
• Track 636 : SunkenRoot_8
• Track 637 : Saftant_6
• Track 638 : Yosif_7
• Track 639 : Vanseggelen_9

• Track 640 : ZamZam_6
• Track 641 : Speedwell_7
• Track 642 : Celery_8
• Track 643 : phiCAM_06
• Track 644 : VieEnRose_6, Celia_6, Itza_6
• Track 645 : Urza_6
• Track 646 : Indigenous_8, IceWarrior_8, Namo_8, TaidaOne_8, Spectropatronm_8, TonyStarch_8, Maya_8, Jaylociraptor_8, Rima_8, Hoshi_8
• Track 647 : Meibysrarus_8, Esketit_8
• Track 648 : GirlPower_7
• Track 649 : CherryBlossom_8
• Track 650 : Madamato_8
• Track 651 : Espio_7, Popy_7, HazuAndZazu_7, FrodoSwaggins_7, Soshi_7, DrGrey_7
• Track 652 : OlympicHelado_8
• Track 653 : FidgetOrca_8
• Track 654 : TieDye_7
• Track 655 : PherryCruz_6, RavenPuff_6
• Track 656 : Bilo_7
• Track 657 : Monse_7
• Track 658 : Sangak_7, Doxi13_7, GoblinVoyage_7
• Track 659 : Ditters_7
• Track 660 : Moozy_7
• Track 661 : Scap1_7
• Track 662 : Annihilus_7
• Track 663 : SheRa_7, HotFries_6
• Track 664 : RosaAsantewaa_7
• Track 665 : LibertyBell_7
• Track 666 : Regigigas_7, Rainydai_7
• Track 667 : Miek_7, FromIndy_7, SendItCS_7, CricKo_7, Thiqqums_7
• Track 668 : Bing_7
• Track 669 : Wigberry_7
• Track 670 : Kardashian_7
• Track 671 : ClubPenguin_6
• Track 672 : phiSASD1_22
• Track 673 : Dubu_2
• Track 674 : AbbeyMikolon_2
• Track 675 : Nesbitt_2
• Track 676 : Rowa_2
• Track 677 : Success_50
• Track 678 : Bimmel_48
• Track 679 : Spooks_49
• Track 680 : Kubed_2
• Track 681 : MEAK_2
• Track 682 : P100.1_2
• Track 683 : P100A_2
• Track 684 : PA6_2
• Track 685 : P14.4_2
• Track 686 : Procrass1_2
• Track 687 : P100D_2
• Track 688 : ATCC29399BT_2
• Track 689 : PHL111M01_02
• Track 690 : P105_2

• Track 691 : Solid_2
• Track 692 : P106M_2, P106C_2, P106I_2, P106L_2
• Track 693 : LilBandit_2
• Track 694 : Enoki_2
• Track 695 : P101A_2
• Track 696 : P107C_2, ATCC29399BC_2
• Track 697 : Ouroboros_2
• Track 698 : PHL060L00_02
• Track 699 : PHL010M04_02
• Track 700 : P1.1_2
• Track 701 : MrAK_2
• Track 702 : Attacne_2
• Track 703 : PAD20_2
• Track 704 : P106A_2
• Track 705 : PHL037M02_02
• Track 706 : SKKY_2
• Track 707 : PAS50_2
• Track 708 : PHL113M01_02
• Track 709 : DrParker_2
• Track 710 : Wizzo_2
• Track 711 : P104B_2
• Track 712 : Stormborn_2
• Track 713 : Aquarius_2
• Track 714 : Cota_2, Keiki_2
• Track 715 : Enochoraptor_2
• Track 716 : Leviosa_2
• Track 717 : Moyashi_2
• Track 718 : Supernova_2
• Track 719 : PHL114L00_02
• Track 720 : P108C_2
• Track 721 : PHL112N00_02
• Track 722 : QueenBey_2
• Track 723 : Lauchelly_2
• Track 724 : Rileysaurus_2
• Track 725 : Pirate_2
• Track 726 : BruceLethal_2
• Track 727 : PHL071N05_02
• Track 728 : P9.1_2
• Track 729 : P107A_2
• Track 730 : PHL067M10_02
• Track 731 : P104A_2
• Track 732 : B3_3, Anatole_3, E1_3
• Track 733 : E6_3
• Track 734 : Doucette_3
• Track 735 : B22_3
• Track 736 : G4_3
• Track 737 : PFR2_02, PFR1_02
• Track 738 : Lillie_8, Swann_8, CosmicSans_8, Bradshaw_8, Phrankenstein_8, TWAMP_8, Rhodalysa_8
• Track 739 : Belenaria_8, Natosaleda_8, StCroix_8, Espica_8, Naiad_8, Krishelle_8, Nancinator_8, UhSalsa_8, Alatin_8
• Track 740 : Partridge_8, Dinger_8
• Track 741 : PhailMary_7

• Track 742 : Bryce_8, Yoncess_8, Bonanza_8, Yogi_8, Hiro_8
• Track 743 : Harlequin_8, Jester_8
• Track 744 : Erik_8, Shuman_8, Rasputin_8, Gollum_8, RexFury_8
• Track 745 : AppleCloud_6
• Track 746 : AngryOrchard_7, Takoda_8
• Track 747 : RER2_1
• Track 748 : BobbyDazzler_8
• Track 749 : Alpacados_7
• Track 750 : PerroGrande22_14, Poco6_016
• Track 751 : Pepy6_014
• Track 752 : Mahdia_2
• Track 753 : Morrissey_2
• Track 754 : Applejacks_2
• Track 755 : Gustav_2
• Track 756 : Trine_2
• Track 757 : Puppers_2, Widow_2
• Track 758 : Upyo_2
• Track 759 : RegnumDei_6
• Track 760 : SFuller_9, Jflix2_8
• Track 761 : CurlyFries_6
• Track 762 : Madraxi_10
• Track 763 : Shagrat_8
• Track 764 : REQ1_66
• Track 765 : Abscondus_29, Culver_30, Dusty_29
• Track 766 : Toniann_30, ClubL_30, Cucurbita_32, Engineer_31, PhinkBoden_30, Aphelion_30, Lozinak_30, Smoothie_31
• Track 767 : Geeche_29, Bachita_32, Norvs_31
• Track 768 : Miskis_28
• Track 769 : WilliamBoone_30
• Track 770 : OneUp_24
• Track 771 : BrutonGaster_18
• Track 772 : Flapper_28
• Track 773 : Turuncu_28
• Track 774 : GTE5_terL
• Track 775 : GRU1_terL
• Track 776 : Dalilpop_29
• Track 777 : SuperSulley_25, Bonum_27, Buggaboo_25
• Track 778 : MerCougar_25
• Track 779 : GrootJr_26, Phomeo_23, Kurt_24, Emianna_24, Foxboro_25, Wheezy_24, Tracker_24, Jifall16_23, Arti_24, NatB6_24, NovumRegina_24
• Track 780 : Kabluna_27, NosilaM_27
• Track 781 : Commandaria_26
• Track 782 : KidneyBean_24
• Track 783 : StarStruck_25, Outis_25
• Track 784 : GTE8_13
• Track 785 : Lollipop1437_29, Skysand_26, Patio_27, Ennea_30, Float294_26
• Track 786 : RedRaider_31
• Track 787 : IDyn_25, Pemberton_27
• Track 788 : BiPauneto_27, Sukkupi_26, Yndexa_26
• Track 789 : Marietta_26, NadineRae_24
• Track 790 : HubbaBubba_22
• Track 791 : WhoseManz_26
• Track 792 : Pleakley_33, Fury_33

• Track 793 : HomeFry_30
• Track 794 : Scuba_33
• Track 795 : Braxoaddie_28, Polyyuki_28
• Track 796 : Gagieri_28
• Track 797 : Apiary_28, Maselop_28, CoffeeBean_28
• Track 798 : MacGully_32
• Track 799 : Sopespian_4, Eliott_4, PsychoKiller_4
• Track 800 : RSchmailzl_5
• Track 801 : Azira_6
• Track 802 : Agatha_4
• Track 803 : Carsonalex_5
• Track 804 : Horseradish_5, MScarn_6, Yummy_5, Blondies_5
• Track 805 : RanchParmCat_7
• Track 806 : Quasar_4, Bubble_4, Nina_4
• Track 807 : Hexbug_5
• Track 808 : PotPie_4
• Track 809 : Survivors_6, Nibbles_6, MaVan_6, Wallaby_7
• Track 810 : AikoCarson_3
• Track 811 : Biskit_5, Buttrmlkdreams_4, Troje_4, SketchMex_3
• Track 812 : Elinal_5
• Track 813 : GiKK_7
• Track 814 : GoldHunter_5, RedBaron_6, Socotra_5
• Track 815 : Dre3_4, Cleo_4, Gibbous_4
• Track 816 : Lauer_3, Tarnish_4
• Track 817 : Yucky_4
• Track 818 : Amok_3
• Track 819 : Cozz_4, ChickenTender_6, Axym_4, Burnsey_4, Starburst_5
• Track 820 : MunkgeeRoachy_4
• Track 821 : Malvina_6
• Track 822 : SummitAcademy_3
• Track 823 : KayGee_4, Bavilard_4
• Track 824 : ElJefes_3
• Track 825 : Orla_5
• Track 826 : MAnor_4
• Track 827 : Nodigi_5
• Track 828 : Yakult_5
• Track 829 : Feastonyeet_3, BigChungus_3
• Track 830 : HippoPololi_6
• Track 831 : CherryonLim_5
• Track 832 : GTE2_02
• Track 833 : AndPeggy_3, Yarn_3
• Track 834 : CocoaPuff_3, Balloona_3
• Track 835 : Typhonomachy_4
• Track 836 : Vine_5
• Track 837 : Tolls_6
• Track 838 : CaramelLatte_4, ChocoMunchkin_4, CanesSauce_4
• Track 839 : Wolfwood_6
• Track 840 : BillDoor_6
• Track 841 : Emalyn_3
• Track 842 : McDazzle_3
• Track 843 : SheckWes_3
• Track 844 : Mayweather_5
• Track 845 : Zareef_6

• Track 846 : Fribs8_5
• Track 847 : SteamedHams_6
• Track 848 : RADical_5
• Track 849 : Button_5
• Track 850 : Margaret_7
• Track 851 : Jamzy_7
• Track 852 : Pons_4
• Track 853 : SweatNTears_6
• Track 854 : Huffy_9, DinoDaryn_9
• Track 855 : Splinter_7, Goib_8, Vendetta_7
• Track 856 : TinaLin_10, Banquo_11
• Track 857 : TZGordon_9
• Track 858 : Gsput1_5
• Track 859 : Dardanus_9
• Track 860 : Schmidt_5
• Track 861 : Catfish_6
• Track 862 : Soilmate_2, Blino_2
• Track 863 : Malachai_2, Begonia_2
• Track 864 : CheeseSpider_2
• Track 865 : Frokostdame_2
• Track 866 : Jalammah_2, Samba_2, Lysidious_2
• Track 867 : Blueberry_2, MissRona_2, Azula_2, Gambino_2
• Track 868 : Walrus_2
• Track 869 : CaptainKirk2_2, MintFen_2, Barco_2, Zarbodnamra_2, Archis_2, Melba_2, Delian_2
• Track 870 : Hitter_2, BlingBling_2
• Track 871 : Wocket_2
• Track 872 : Obliviate_2
• Track 873 : CarolAnn_2
• Track 874 : PhrostedPhlake_2
• Track 875 : Wisp_2
• Track 876 : Pipp_2
• Track 877 : Zilla_2
• Track 878 : KappaFarmDelta_2
• Track 879 : ZiggyZoo_2
• Track 880 : PrincePatrick_2
• Track 881 : Murp_2
• Track 882 : William_2
• Track 883 : JuJu_2
• Track 884 : UmaThurman_2
• Track 885 : Toast_2, PCoral7_2
• Track 886 : Utz_2
• Track 887 : Mellie_2
• Track 888 : Petra_2
• Track 889 : Guacamole_2, JasperJr_2
• Track 890 : Fenry_2
• Track 891 : Fairfaxidum_2
• Track 892 : McGonagall_2, Jeanie_2
• Track 893 : Rahul_2
• Track 894 : GRU3_2
• Track 895 : Coeur_2
• Track 896 : GMA5_2
• Track 897 : Schiebs_2

• Track 898 : Bradissa_2
• Track 899 : Confidence_2
• Track 900 : Angelique_2
• Track 901 : BritBrat_2, EnalisNailo_2, Marteena_2, EMsquaredA_2, Lilas_2, Floral_2, Pollux_2
• Track 902 : Jablanski_2, Pytheas_2
• Track 903 : Wrigley_2
• Track 904 : Posh_2
• Track 905 : BeeGee_2
• Track 906 : Cashline_2
• Track 907 : LonelyBoi_2
• Track 908 : Bunnybear_2
• Track 909 : Ohgeesy_2
• Track 910 : Lton_2
• Track 911 : Pepperoni_2
• Track 912 : Maridalia_2, Tayonia_2, Zameen_2, Neobush_2, Kita_2, Suscepit_2, Trumpet_2, Antonio_2, Polly_2, Manasvini_2, Eudoria_2
• Track 913 : Herod_2, Hugley_2
• Track 914 : Nymphadora_2, BoyNamedSue_2, Zirinka_2, TimTam_2, Bosnia_2, BatStarr_2, SushiChef_2, Eviarto_2, AlumE_2
• Track 915 : Madavieve_2
• Track 916 : WelcomeAyanna_2, ThankyouJordi_2
• Track 917 : Agueybana_2
• Track 918 : Madeline_2
• Track 919 : Bialota_2
• Track 920 : Hyzer_2
• Track 921 : EdnaMode_2, Lamberg_2, Nettuno_2, Pickett_2
• Track 922 : Cynthia_2, Clap_2, Sproutie_2, Haley23_2, Ebert_2, Mocha12_2, GemG_2, TuertoX_2, Whiteclaw_2, Gizermo_2, Yinzer_2, Savage_2
• Track 923 : Attis_2, Yeet412_2, Bjanes7_2, LordFarquaad_2, SoilAssassin_2
• Track 924 : Matteo_2
• Track 925 : Sahara_2
• Track 926 : Jalleen_2
• Track 927 : Vasanti_2
• Track 928 : FroggyToad_2
• Track 929 : JCole_2
• Track 930 : PantheRoc_2
• Track 931 : Yeezy_2
• Track 932 : BaxterFox_2
• Track 933 : Twinkle_2, Hortense_2, Adora_2, Howe_2, Shlim410_2
• Track 934 : WinkNick_3, Dolores_3
• Track 935 : Samman98_3
• Track 936 : Powerball_2
• Track 937 : Annalisa_3
• Track 938 : PhriskyACE_2
• Track 939 : DobbysSock_2
• Track 940 : Oregano_2
• Track 941 : Beenie_3, MichaelScott_3, Easley_3, Clark_3
• Track 942 : Tuti_3
• Track 943 : Thimann_3
• Track 944 : Sekhmet_3
• Track 945 : Suerte_2
• Track 946 : Mcklovin_3

- Track 947 : Invectra_3
- Track 948 : Dorito_2
- Track 949 : Rizz_4
- Track 950 : Denise_2
- Track 951 : Moosehead_2
- Track 952 : Faith5x5_2
- Track 953 : OneDirection_2
- Track 954 : Sidious_2
- Track 955 : RavenCo17_2
- Track 956 : Ghobes_1
- Track 957 : Archimedes_1
- Track 958 : Frizzle_1
- Track 959 : Sapo_1
- Track 960 : Doggs_2
- Track 961 : DirtyBoi_2
- Track 962 : ZAYM_2, TaronosaurasRx_2
- Track 963 : MagicMan_2, Schnabeltier_2
- Track 964 : Kiko_2
- Track 965 : Coriander_2
- Track 966 : NaLuna_2, GEazy_2, HannahD_2
- Track 967 : Hedwig_2
- Track 968 : BackstagePass_2
- Track 969 : Opie_2
- Track 970 : Moonflower_2, Chipko_2
- Track 971 : Bunker_2
- Track 972 : PatriciaStar_2
- Track 973 : Bowser_2
- Track 974 : BBQValindra_2
- Track 975 : Jecs_2
- Track 976 : Dmitri_2
- Track 977 : Eyes_2
- Track 978 : RayTheFireFly_2
- Track 979 : Cardigan_30
- Track 980 : Yvonnetastic_28
- Track 981 : InLimbo_2
- Track 982 : Lucky10_2
- Track 983 : Morkie_2, PhorbesPhlower_2
- Track 984 : Bock_6
- Track 985 : Pimento_6
- Track 986 : Francois_6
- Track 987 : NancyRae_6, Ayotoya_6
- Track 988 : Brylie_6, Mulch_6, Nadeem_6, Parada_6, WheatThin_6
- Track 989 : GrandSlam_6, Chop_6, Hamood_6
- Track 990 : BetterKatz_6
- Track 991 : DelRio_6
- Track 992 : OlgasClover_17, Tonaltzin_19
- Track 993 : MajinBuu_17
- Track 994 : ArtetaBall_17, Phepper_17, Untouchable_16, Crocheter_16
- Track 995 : Pherobrine_14
- Track 996 : Dialga_17
- Track 997 : OhMyWard_17
- Track 998 : Eddiemania_16
- Track 999 : Rickmore_16

• Track 1000 : ChickyNuggy_14
• Track 1001 : SweetCrkHerbs_15, Talon44_14
• Track 1002 : Odesza_13, Capybara_13, Gravy_13, Roney_13, Magel_13, Kerry_13, NoPickles_13
• Track 1003 : Conley_13
• Track 1004 : Bugg_15, Captrips_13, JulesRay_13, Dancer_13, Artorias_13, FortCran_13, Football_14, Trufflozitus_13, Avazak_13
• Track 1005 : Glintora_16, AlainaMarie_17, Nithya_17, Luthien_18, EndAve_17, Citrus_16, Chikenjars_17
• Track 1006 : Mysticmoon_14
• Track 1007 : BluerMoon_17, Jodelie19_17, TenaciousP_17
• Track 1008 : Secretariat_13
• Track 1009 : Runhaar_17, Nadmeg_17, Madvan_17, Burley_17, Vardy_17
• Track 1010 : CWormy_17
• Track 1011 : Arataki_14, Demure_14
• Track 1012 : Fazel_14
• Track 1013 : Zeph_16, Hydrus_16
• Track 1014 : Figliar_17, Aflac_17
• Track 1015 : Hortihabitatio_16
• Track 1016 : PestoPenguin_19, Aloe25_19, Gusicorn_17, BetterYeti_17
• Track 1017 : Duffington_17
• Track 1018 : Tanis_13, Gill_13
• Track 1019 : Kenosha_14
• Track 1020 : Blanky_13
• Track 1021 : Schwartz33_17
• Track 1022 : Perkunas_15
• Track 1023 : ShaggyRogers_17
• Track 1024 : Mossy_14
• Track 1025 : Tairn4Wing_15
• Track 1026 : Petito_14
• Track 1027 : Towmatter_11, Daredevil_12
• Track 1028 : DatBoi_13
• Track 1029 : SpeedDemon_130
• Track 1030 : Mollymur_13
• Track 1031 : Bantam_12
• Track 1032 : Emperor_2
• Track 1033 : SallySpecial_2
• Track 1034 : EpicDab_2
• Track 1035 : Dirtfootball_2
• Track 1036 : MortyNRick_2, BearBQ_2
• Track 1037 : Birdsong_2
• Track 1038 : Apricot_2
• Track 1039 : Crater_2
• Track 1040 : Kuwabara_2
• Track 1041 : Ziko_37, Ronaldo_37, Volt_36
• Track 1042 : Guey18_39
• Track 1043 : Keelan_32
• Track 1044 : Fryberger_34
• Track 1045 : Syleon_13, Sephiroth_13
• Track 1046 : Kudefre_12
• Track 1047 : Octobien14_13
• Track 1048 : Trax_12, LilJank_12
• Track 1049 : Neville_12

• Track 1050 : Rabbitrun_14
• Track 1051 : Zodiariah_2
• Track 1052 : ArchiDore_2
• Track 1053 : Ruthy_2
• Track 1054 : Malibo_2
• Track 1055 : MakCheese_2
• Track 1056 : Sprinklemunch_2
• Track 1057 : DumpsterDude_2
• Track 1058 : DearBasketball_2
• Track 1059 : Tarzan_2
• Track 1060 : Reyja_3, DinoNuggs_3
• Track 1061 : Jojo24_2
• Track 1062 : DonkeyMan_2
• Track 1063 : Hibiscus_2
• Track 1064 : Heinz_2
• Track 1065 : Santhid_2
• Track 1066 : Barbarian_8, Filch_9, Stark_9, Maxxinista_9, Dumbo_8, Holt_10, HanKaySha_9, Ukulele_8, Pumpkin_9, NoSleep_9, Lilizi_10, PaddyBaddy_9, MadamMonkfish_8, Hopey_9, Moldemort_9, Thimble_9, Asriel_8, Bench_10, DoctorDiddles_9, Czyszczon1_9, RiverMonster_8, 244_9, Elph10_9, Murphy_8, Simpliphy_9
• Track 1067 : SirDuracell_8, BigBubba_8, ChotaBhai_8, Bask21_8
• Track 1068 : Stank_10, Goldilocks_10, NonchalantPear_8, Kimchi_10, Wiggin_10, Gemini_10, Adnama_10, Hoonter_10, Ptowny_8, Xandras_10, TBrady12_10, AmericanBeauty_10, Highbury_9, Saints25_9, Argent26_10
• Track 1069 : Teaspoon_8, Emmina_8, Porky_7
• Track 1070 : Gage_10, GoldenSpark_10, GooberAzure_10, OrionPax_9, StolenFromERC_10, Cactus_10
• Track 1071 : ChosenOne_7, Lilpickle_7, Elite2014_7
• Track 1072 : Amao_9
• Track 1073 : Pat3_8, Inca_8
• Track 1074 : Budgie_10
• Track 1075 : Lilac_10
• Track 1076 : Phrux_8
• Track 1077 : Bogg_9
• Track 1078 : BAjuniper_3
• Track 1079 : SansAfet_3, BubbaBear_3, PhigPhack_3, CroZenni_3, Albedo_3, SirBeanington_3, Lynlen_3, Kenzers_3
• Track 1080 : Coltrane_2, Rollins_2, Skylord_2, Brahms_2, Bernstein_2
• Track 1081 : BabyDaisy_4, IndyLu_3, Kate33_3
• Track 1082 : Bachaco_3, FlameThrower_3
• Track 1083 : Jabb_3, TukTuk_3, MsUbiquitous_3, CupcakePrincess_3, SarBear_3, Swervy_3
• Track 1084 : Burritobowl_3, Doobus_3, LimaBean_3, Albright_3, Avocadoman_3, Bengal_3, Abigail_3
• Track 1085 : Eula_3, Pecas_3, Jovita_3
• Track 1086 : Didgeridoo_4
• Track 1087 : Softsoap_3
• Track 1088 : Shayna_2
• Track 1089 : AylexOG_4
• Track 1090 : Armstrong_2, Clayda5_2, Vitas_2
• Track 1091 : Katzastrophic_3
• Track 1092 : Quenya_4

• Track 1093 : Finalfrontier_4
• Track 1094 : Buldak_3
• Track 1095 : DirtyBubble_3, Stoor_3, Stromboli_3
• Track 1096 : Cashington_3
• Track 1097 : Johnathan_3
• Track 1098 : AvGardian_3
• Track 1099 : Eden_2
• Track 1100 : PastaFagioli_3, Lahqtemish_3
• Track 1101 : BabyYoda_3
• Track 1102 : Lilo27_3
• Track 1103 : SanaSana_4
• Track 1104 : PondAmelia_5
• Track 1105 : Slay_3
• Track 1106 : ChiliPepper_3
• Track 1107 : Celaena_3
• Track 1108 : Phisb_3
• Track 1109 : Loviatar_3
• Track 1110 : Olliecat_3, Squircle_3
• Track 1111 : Rona_3, Sharkboy_3
• Track 1112 : BelmontSKP_4, AnnaLie_4
• Track 1113 : Nicky22_4
• Track 1114 : Franklin22_2
• Track 1115 : CanFranMach_3
• Track 1116 : Milomuff_4, Solea_4
• Track 1117 : Icarian_4
• Track 1118 : Dismas_3
• Track 1119 : Kamdara_3
• Track 1120 : SunnyD_2, Teagster_2
• Track 1121 : Elva_4
• Track 1122 : WalkingDead_3
• Track 1123 : QMacho_4, Arroyo_4
• Track 1124 : DickRichards_3
• Track 1125 : Akino08_3
• Track 1126 : Kieran_3
• Track 1127 : CliffHanger_4
• Track 1128 : Gack_2
• Track 1129 : Sachet_3, Vanisius_3, TimoTea_3, JaimeB_3, Astro16_3, Eightball_3, Gardevoir_3, Aztec_3, Marichuy_3, Sara_3, DaftyDuck_3, Danimal_3, Burgy_3, SantasSleigh_3, Pondwater_3, Chatham_3, Kojax4_3, Horacetta_3, Maneater_3, BinkBonk_3, Octopus_3, Goulash_3, EdElric_3, Slentz_3, KyriosFaba_3, Danno_3, Rhysand_3, Alucard_3, Minima_3, Jahseh_3, GoldenBlanche_3, Otwor_3, Myram_3, NeumannU_3, PaoPu_3, Jella_3, Godfather_3, Aries55_3, Majesty_3, LaviMo_3, Ciel_3, Scrunchy_3, Goobery_3, Gillker_3, Charbie_3, Picconator_3, Cheesecake_3, Avvas_3, Owens_3, Dooby_3, Jannah_3, Josuke_3, Sage7_3, HeadMave_3, Luxx_3, Erin_3, Scamander_3, DirtPie_3, LionelHutz_3, BurtonThePup_3, SeaWolves_3, Dongwon_3, TeddyBoy_3, Rhogar_3, YertPhresh_3, Tyrellus_3, Grayscar_3, LemonPepper_3, ManAs_3, RoscoWindex_3, MasterPitts_3, Zahlia_3, Yubaba_3, JoBros_3, Witch_3, BarBear_3
• Track 1130 : Belthelas_3, Concrete_3
• Track 1131 : Noelani_3, Nobel_3, Slizam_3, Ekko14_3, Bintii_3, TomBrady12_3, Niffler_3, Stem_3, Rira_3, TinyTruffula_3, Trackstar_3, Elspeth_3, Lunatic_3, PuffyCat_3, HarperAnne_3, Miaurora_3, JooneeDee_3, Bullzi2019_3, Clownery_3, Trireme_3, IzzyPants24_3

• Track 1132 : Wolfpack_3, MelBee03_3, Livingwater_3, Kevanna_3, Sippinontea_3, KayPaulus_3, Douggie_3, Quaker_3, Bodhi17_3
• Track 1133 : McShie_3, Leafy_3, BrokMonster_3, BoomRoasted_3, MrGreen_3, JRok_3
• Track 1134 : Naby_3, BonaeVitae_3
• Track 1135 : MirimarMandM_3, PoRanda_3, Upsilon_3
• Track 1136 : Hulk_3
• Track 1137 : Biscayne_3
• Track 1138 : ELee24_3
• Track 1139 : OdetoJoy_3, Madebyisha_3, Jerky_3, VitulaEligans_3
• Track 1140 : MauiIvory_3, TlaliMex_3
• Track 1141 : Lola20_3, Yasuo_3, Cayde6_3, Baine_3
• Track 1142 : Azizam_3, Oaklynn_3
• Track 1143 : Loca_3
• Track 1144 : Publix_3, Namsahir_3
• Track 1145 : KillerTomato_3
• Track 1146 : Anseraureola_3
• Track 1147 : Efeko_4
• Track 1148 : Bri160_3
• Track 1149 : Kaijohn_3
• Track 1150 : Picnic_3, Puddles3_3, Duggle_3
• Track 1151 : Yami_3, Cazares_3
• Track 1152 : Hernandez44_3, Gabbspett_3
• Track 1153 : Snuffles_4
• Track 1154 : Bradley2_3
• Track 1155 : UtzChips_2, Barnstormer_2
• Track 1156 : IAmGroot_2, GardenState_2
• Track 1157 : SuMoo_2
• Track 1158 : Honk_2
• Track 1159 : Forester_2, Gretchen_2, SuperHands_2, Percival_2
• Track 1160 : Mabodamaca_2
• Track 1161 : Floof_2
• Track 1162 : Caron_2
• Track 1163 : Cen1621_2
• Track 1164 : Zeta1847_2
• Track 1165 : Damascus_10
• Track 1166 : DizzyRudy_10
• Track 1167 : Count_11
• Track 1168 : Camille_10
• Track 1169 : Mema_10
• Track 1170 : Kimchi1738_12
• Track 1171 : Stickynote_14
• Track 1172 : PeteyPab_12, Zion_12, PotatoChip_12
• Track 1173 : Cruella_12
• Track 1174 : C3PO_12
• Track 1175 : Darwin_15
• Track 1176 : TouchMeNot_3, Colleen_3, Arianna_3, Poushou_3
• Track 1177 : Lederberg_2, Troy_2, SamW_2
• Track 1178 : StAB_2
• Track 1179 : Adelaide_2
• Track 1180 : Dina_2
• Track 1181 : Stiles_2
• Track 1182 : Bran_2

• Track 1183 : Flashwig_2
• Track 1184 : CarefulCloud_2
• Track 1185 : TailX7_2
• Track 1186 : HorseRider_2
• Track 1187 : Jalloh_2
• Track 1188 : CyranoPS_2
• Track 1189 : Spartan_2
• Track 1190 : Gallop_2
• Track 1191 : Clank_2
• Track 1192 : LunaBlu_2, NewHope4_2, Galactic_2
• Track 1193 : Scottish_2, KingMidas_2, OldBen_2, Empress_2, Deb65_2, BlueCrab_2, Daenerys_2, IbOuu_2, Inventum_2, Doomphist_2, RedBird_2, BodEinwohner17_2, RitaG_2, Spoonbill_2, Poenanya_2, Dorothy_2, Pacc40_2, Nimbo_2, DaddyRickover_2, Radiance_2, PHappiness_2, JoeyJr_2, Sassafras_2, Geralt_2
• Track 1194 : Rita_2, Phalconet_2, CaptainTrips_3, DotProduct_2, Krakatau_3, SG4_2, Phasih_2, PatoPoderoso_2, Ardmore_2, PopTart_2, Minnie_2, QuickMath_2, Emma_2, Ovechkin_2, Dante_2, MinionDave_3, Tweety_2, Sandalphon_2, Jant_2, Hamulus_2, SassyB_2
• Track 1195 : Eish_2
• Track 1196 : ByChance_2, Lizziana_2, ShowerHandel_2, SwagPigglett_2, Martik_2
• Track 1197 : Wachhund_2
• Track 1198 : Ibhubesi_2, Harley_2
• Track 1199 : Saal_2, Brocalys_2, Gorge_2
• Track 1200 : VRedHorse_2
• Track 1201 : Wee_2, DeadP_2
• Track 1202 : Doug_2, Philus_2, LilMoolah_2, Moonbeam_2, Eradicator_2
• Track 1203 : Vivum_2, James_2, Polka14_2
• Track 1204 : Grimmer_3
• Track 1205 : Nivrat_2
• Track 1206 : Phanphagia_2, Batiatus_2, Zizzle_2, Bipolar_2, Medindi_2, Aubs_2, MadMen_2, Melissauren88_2, Kenuha5_2, MilleniumForce_3, Bubbles123_2, DillTech15_2, Chuckly_2, KingJulian_2, Taj_2, SuperGrey_2, EleanorGeorge_2, Fastidio_2, Donkeykong_2, Karhdo_2, Shauna1_2, StAnnes_2, XFactor_2, Corium_2, Fruitloop_2, Whatsapiecost_2, ShroomBoi_2, Filuzino_2
• Track 1207 : Violac_2
• Track 1208 : Juniper1_2
• Track 1209 : Modragons_2
• Track 1210 : Hlubikazi_2, Mandlovu_2, Strokeseat_2
• Track 1211 : Firehouse51_2, Akhila_3, Royals2015_2, MilanaBonita_3
• Track 1212 : Chevrolet_2, ArcusAngelus_2
• Track 1213 : Mattes_2
• Track 1214 : PhesterPhotato_2
• Track 1215 : Jennelsea_2
• Track 1216 : Jarcob_2, ShiLan_2
• Track 1217 : Nichirin_2, Seabastian_2, AlpineSix_2, OfUltron_2
• Track 1218 : Priscilla_2, NormanBulbieJr_2, Cabrinians_2, Clifton_2, Crumble_2, Pippy_2, OlympiaSaint_2, LastJedi_2, Koella_2, FreddyB_2
• Track 1219 : EmiMonkey_2, Gandalph_2, GigiOuiOui_2, Mantra_2, PhlipPhlop_2
• Track 1220 : Zerg_2
• Track 1221 : Girr_2, MisterCuddles_2, Ruby_2, SiSi_2
• Track 1222 : Polo2Bam_2, SeaLumen_2, Enzomatic_2
• Track 1223 : Phatniss_2

- Track 1224 : Hades_2
- Track 1225 : Topiatin_4
- Track 1226 : Kersh_2
- Track 1227 : KristaRAM_3
- Track 1228 : Blexus_2
- Track 1229 : Mutaforma13_2
- Track 1230 : TDanisky_2, Sparkdehlily_2, DRBy19_2
- Track 1231 : DLane_2
- Track 1232 : Fancypants_2
- Track 1233 : Llama_2, Jinglebell_2, Ochi17_2
- Track 1234 : GUmbie_2, Veteran_2
- Track 1235 : Whouxphf_2
- Track 1236 : Estave1_2
- Track 1237 : Florinda_2
- Track 1238 : Latretium_2
- Track 1239 : PMC_2, Rockne_2
- Track 1240 : Ms6_2
- Track 1241 : Maravista_2
- Track 1242 : Guppsters_2
- Track 1243 : DoRead_2
- Track 1244 : Che8_2
- Track 1245 : Llij_2
- Track 1246 : BobaPhett_2
- Track 1247 : IMpilo_2
- Track 1248 : Mwanjiwa_2
- Track 1249 : Burwell21_2
- Track 1250 : Sabbb_2
- Track 1251 : Yorick_2
- Track 1252 : Spartacus_2, IrishSherpFalk_2, WillSterrel_2
- Track 1253 : Byougenkin_2
- Track 1254 : Leperchaun_2
- Track 1255 : Cheesepuff_2
- Track 1256 : Mahavrat_2
- Track 1257 : Renaud18_2, TChen_2, LunaStella_2, ThetaBob_2
- Track 1258 : Cornie_2
- Track 1259 : Toron_2
- Track 1260 : MulchSalad_2
- Track 1261 : Okabe_4, Nitzel_3
- Track 1262 : Constance_2, PeggyLeg03_2
- Track 1263 : Henrique_2
- Track 1264 : KayMoney_2, LittleRon_2
- Track 1265 : ChuckDuck_2
- Track 1266 : Bridgette_2
- Track 1267 : LilyBell_2
- Track 1268 : GlobiWarming_2
- Track 1269 : NikkiHotWheels_2
- Track 1270 : Eileen_2, Peas_2
- Track 1271 : Judy_2
- Track 1272 : Karkharias_2
- Track 1273 : NidoQ_2
- Track 1274 : RootBeer_2
- Track 1275 : Pucara_2
- Track 1276 : FosterFrank_2

• Track 1277 : HotPotato_2
• Track 1278 : Gibbzilla_2
• Track 1279 : JeanClaude_2
• Track 1280 : Rooter_3, Shoya_2
• Track 1281 : BrayBeast_2
• Track 1282 : Alatato_2
• Track 1283 : Kumotta_3
• Track 1284 : Sarge_2
• Track 1285 : MargaretKali_3
• Track 1286 : Donatella_5
• Track 1287 : Nandita_6, Guinevere_6
• Track 1288 : Schism_6
• Track 1289 : Julie_6
• Track 1290 : Yonex_6
• Track 1291 : Halloweekend_4
• Track 1292 : AllBusiness_5
• Track 1293 : ToastyOats_7
• Track 1294 : Popper_4
• Track 1295 : Lenoxika_6
• Track 1296 : Cole_4
• Track 1297 : Elesar_5
• Track 1298 : Ryan_6
• Track 1299 : Kihatsu_7
• Track 1300 : QuinnAvery_6, BigSherm_6
• Track 1301 : Gusanita_4
• Track 1302 : IsHungry_6
• Track 1303 : Dirtdigger_5
• Track 1304 : MillySue_6
• Track 1305 : Ichiang_4
• Track 1306 : GoodLuckBabe_6
• Track 1307 : Saintcarr_5
• Track 1308 : Zaheer_6
• Track 1309 : Toodles_5
• Track 1310 : Arzan_8
• Track 1311 : Sunny4976_8, Jazzy4900_9
• Track 1312 : GermyBearimy_9
• Track 1313 : Marianna39_16, Gandionco_15, Kureo_17
• Track 1314 : Qui_16, JeNeSaisPas_15, Elver_16, Paella_16
• Track 1315 : EvenBluerMoon_3, Hereford_4, Aoka_3, PrairieDogTown_3, Morrey_4
• Track 1316 : Maja_2
• Track 1317 : CocoCinnamon_5
• Track 1318 : JanetJ_3
• Track 1319 : NoSwimming_4, Scotia_4
• Track 1320 : CallinAllBarbz_2
• Track 1321 : BaileyBlu_2
• Track 1322 : Jankie_2, GrimEater_2
• Track 1323 : Elfy_2
• Track 1324 : LisoBros_2
• Track 1325 : MrSmee_2, Skitty_2
• Track 1326 : Hum25_2
• Track 1327 : Pitbull_2
• Track 1328 : Skyerus_2, Raya_2
• Track 1329 : Audell_7

• Track 1330 : Mireles_4
• Track 1331 : AnnabelLee_4, ChamoyPickle_4, Gerri43_4, ChipsNGuac_4, CardboardBox_4, Neuvillette_4, Roberts_4
• Track 1332 : Makima_5
• Track 1333 : Ezurina_3
• Track 1334 : Agamotto_6
• Track 1335 : TripleC_7
• Track 1336 : LastNadiia_7
• Track 1337 : TMaxx_4
• Track 1338 : Studio_4
• Track 1339 : Altostratus_2
• Track 1340 : Khuang_2
• Track 1341 : Neoh_2, Marmie_2, Remy19_2, Darionha_2, DMoney_2, Mowgli_2, CLED96_2, Ruriko_2, DingDing_2, PinkYoshi_2, Frosty24_2, Rattrick_2, MZKinsey_2, Sizemore_2, Camri_2, Wendigo_2, TinaBug_2, Zombie_2, Schiebel_2, Plagueis_2, Gideon_2, ForeverHowLong_2
• Track 1342 : BruceB_2, Phish_2, Jonghyun_2, Hope_2, Renaissance_2, Cherrybomb426_2, Crespo_2, Barkley26_2, Jolene_2, Avrafan_2, Kareem_2, Angel_2, Rabbs_2, Primanti_2, Jane_2, AizenPogi_2, Periodt_2, OctaviousRex_2, BPs_2, BQuat_2, Phreak_2, JorRay_2, Hotshotbaby7_2, Gomashi_2, Phloodle_2, Jeilious_2, Halo_2, Olga_2, Richarlison_2, Aroostook_2, LouisV14_2, Sneeze_2, Coleslaw_2, AzulaCat_2, Kasen3_2, Cedasite_2, Annihilator_2, GoldenAsh_2, ZoMa_2, ECartman_2, CassieYates_2, Chance64_2
• Track 1343 : DNAIII_002
• Track 1344 : Liefie_2
• Track 1345 : Sweets_2, TomBrady_2, Maliketh_2, ShaboiShabazz_2
• Track 1346 : Peeb_2
• Track 1347 : Grizzly_2
• Track 1348 : Paito_2
• Track 1349 : Terror_2, Taheera_2
• Track 1350 : Pace1224_2, FlagStaff_2
• Track 1351 : GodSpeed_2
• Track 1352 : Cambiare_3
• Track 1353 : Avocado_2
• Track 1354 : Cloudyecho_2
• Track 1355 : Pinnie_3
• Track 1356 : MOOREtheMARYer_2
• Track 1357 : Lemuria_2
• Track 1358 : Mercurio_3
• Track 1359 : Jolie2_2
• Track 1360 : Antsirabe_2
• Track 1361 : Stargaze_2
• Track 1362 : YangYin_2
• Track 1363 : PaintedDog_2, HC_02, Babsiella_2, Bluvara_2, Xula_2
• Track 1364 : QueenHazel_2
• Track 1365 : Brujita_2, Island3_2
• Track 1366 : Stuck_2
• Track 1367 : Sbash_2
• Track 1368 : Che9c_2
• Track 1369 : Rearden_7
• Track 1370 : Shaboozey_6, BronnyJames_6
• Track 1371 : MiaZeal_10, Squint_10, Porcelain_10
• Track 1372 : Nekros_8

• Track 1373 : Gonephishing_10
• Track 1374 : Ariel_9
• Track 1375 : Bobby_11
• Track 1376 : Lucky2013_10
• Track 1377 : Klein_10, Wanda_10
• Track 1378 : Nibley_6
• Track 1379 : KashFlow_4
• Track 1380 : Courthouse_10, Superphikiman_10
• Track 1381 : Hannaconda_7
• Track 1382 : Eevee_12, JoyLin_12
• Track 1383 : Pippin15_11
• Track 1384 : Sweetclover_13
• Track 1385 : Serenabean_12
• Track 1386 : Yotsuba_12
• Track 1387 : Daddyjeff_12
• Track 1388 : AddiRose_12
• Track 1389 : Root_4
• Track 1390 : Llorens_8, Durfee_8, Ganymede_8, Clipper_8, MacKat_8, Belladonna_8, Lunahalos_8, BEEST_8, Zavala_8, Atiba_8, Boiiii_8, CheetoDust_8, Dalmuri_8, Blizzard_8, LindNT_8, MeaningOfLife_8, QuincyRose_7, Jarvi_8, Asayake_8, Emerson_8, Topper_8, Prithvi_8, Peel_8, Tachez_8, BGlluviae_8, AlishaPH_8, Hyperbowlee_8, Padpat_8, Pokerus_7, Jeckyll_8, Megsy_8, TreyKay_8, Twitch_8, Veliki_8, Padfoot_8, Inky_8, Spock_8, ShiaSurprise_8, Tiri_8, CrimD_8, CREW_8, Capricorn_8, Piatt_8, Adonis_8, Rosmarinus_8, Homura_8, CaseJules_8
• Track 1391 : DartGoblin_8, Bella96_8
• Track 1392 : Enkosi_4, SgtBeansprout_4, Nikao_4, Trice_4, Amelie_4, Teejan_4, Torres_4, Nutello_4, LilPharaoh_4, Mdavu_4, Biglebops_4
• Track 1393 : Chris_7
• Track 1394 : Scarlett_7, Oscar_7, LeMond_7
• Track 1395 : Shaobing_8, Niklas_8, Richo_8, Dartin_8, Peanam_8, McMater_8
• Track 1396 : DrHayes_8, Anma_8, SamuelLPlaqson_8, Urkel_8, TiniBug_8
• Track 1397 : Stinson_8, LaterM_8, Ageofdapage_8
• Track 1398 : Mynx_8, Apocalypse_8
• Track 1399 : Dole_8, Illumine_8, Devera_8
• Track 1400 : Murucutumbu_8
• Track 1401 : Joy99_8, ActinUp_8, Slimphazie_8, Ramen_8, HedwigODU_8, JAWS_8, Rapunzel97_8, YoureAdopted_7, BaghaKamala_8, Adephagia_8, Zabiza_8, CallaLilly_8, TruffulaTree_8, Jayhawk_8, BarrelRoll_8
• Track 1402 : Pisa4_7, Bern_8, TaiwanKao_8, Pisa1_7
• Track 1403 : LastHope_8
• Track 1404 : Guanica15_8
• Track 1405 : Deby_8, Angelica_8, Sulley_8
• Track 1406 : Yunkel11_8
• Track 1407 : Beezoo_8, Geraldini_8
• Track 1408 : Anaya_9
• Track 1409 : MarkPhew_7
• Track 1410 : Nibb_7
• Track 1411 : Chavito_8
• Track 1412 : KiSi_7
• Track 1413 : Efra2_8
• Track 1414 : Curiosium_9
• Track 1415 : Validus_8
• Track 1416 : TingHuaYa_8

• Track 1417 : Milly_4
• Track 1418 : BoostSeason_4
• Track 1419 : DismalFunk_4, DismalStressor_4, Marcoliusprime_4
• Track 1420 : TM4_4
• Track 1421 : Strobilo_4
• Track 1422 : Findley_4
• Track 1423 : ZoeJ_4
• Track 1424 : Doughnut_4, Mufasa_4
• Track 1425 : Keshu_7, Hurricane_7
• Track 1426 : Neighly_6
• Track 1427 : Lea83_7, ShedlockHolmes_7
• Track 1428 : Pixie_7
• Track 1429 : Pharb_7
• Track 1430 : TribleTrouble_6
• Track 1431 : MacnCheese_8
• Track 1432 : TBond007_7
• Track 1433 : Mitti_9, Taquito_7, Chancellor_9, Cheetobro_9, Slarp_9
• Track 1434 : Wintermute_9, JF1_9, Malthus_9, Kraw_9, Fionnbharth_9
• Track 1435 : Ruthiejr_8
• Track 1436 : Patt_9, MissDaisy_9, Reptar3000_9
• Track 1437 : Lebo14_9
• Track 1438 : Qhanda_9, SamScheppers_7
• Track 1439 : YasnayaPolyana_9, Y10_09, Y2_09
• Track 1440 : Juliette_9
• Track 1441 : Eponine_9
• Track 1442 : DanSyl44_9, OmniCritical_9
• Track 1443 : Bobquesha_9
• Track 1444 : AlleyCat_6, Psycho_6, Dadosky_6
• Track 1445 : Rando14_6
• Track 1446 : Edugator_5
• Track 1447 : Miryou_6, Collard_6, Feyre_6, DoubleChamp_6, Thyatira_6, BananenDer11_6
• Track 1448 : LilDirt_5, Larva_6, ViviJ_5
• Track 1449 : Agent47_6, InvictusManeo_6, Kratio_5
• Track 1450 : OkiRoe_6, Gengar_6, Guillsminger_6, SoSeph_6, Heftyboy_6, Leston_6, Paola_6
• Track 1451 : Waterfoul_6
• Track 1452 : Omnicron_6
• Track 1453 : Marshawn_9
• Track 1454 : Cain_7, Bryler_7, Phrank_7
• Track 1455 : Syra333_7
• Track 1456 : Ekdilam_5
• Track 1457 : Sunflower1121_6, Shadow1_6
• Track 1458 : Ximenita_8
• Track 1459 : Ellie_5
• Track 1460 : Applecrisp_6
• Track 1461 : Tigress9_7
• Track 1462 : Yuna_8
• Track 1463 : Hammy_7, Amohnition_7, DarthP_7
• Track 1464 : Krueger_7
• Track 1465 : Tierra_7
• Track 1466 : Lavahound_6, Fefferhead_7
• Track 1467 : TClif_7

• Track 1468 : November_6
• Track 1469 : Unicorn_7, PhelpsODU_7
• Track 1470 : SirPhilip_7
• Track 1471 : Amgine_6
• Track 1472 : Aminay_6
• Track 1473 : Boilgate_5
• Track 1474 : LeBron_4
• Track 1475 : OhShagHennessy_4
• Track 1476 : Zaria_4, AvadaKedavra_4, Wamburgrxpress_4, Acquire49_4, Silverleaf_4, Wyatt2_4, Tyson_4, Rose5_4
• Track 1477 : Halena_4, DirkDirk_4, Appletree2_4, MAckerman_4, Enceladus_4
• Track 1478 : Calm_4, CicholasNage_4, JoeDirt_4, UPIE_4, Poochiewood_4
• Track 1479 : BobsGarage_4, Miley16_4, Gabriela_4, Winky_4, Breezona_4, BigCheese_4, SoJulia_4, Faith1_4, Itos_4, LilDestine_4, Netyap_4, DrSeegs_4, Lynnae_4
• Track 1480 : DHan_4
• Track 1481 : Gardann_4, Vetrix_4, OverPar_4, Sarshaun_4, Loadrie_4, MkaliMitinis3_4, Finemlucis_4, Wigglewiggle_4, Nicholasp3_4, Underpass_4, Kahlid_4, Hafay_4, Soap141_4, Wilder_4, Crossroads_4
• Track 1482 : ZhongYanYuan_3, Baoshan_3
• Track 1483 : Rumpelstiltskin_4
• Track 1484 : Bazzle_4
• Track 1485 : Lewan_4
• Track 1486 : Archie_4
• Track 1487 : Rossetti_4
• Track 1488 : Tourach_4
• Track 1489 : DanBing_3
• Track 1490 : GuuelaD_4
• Track 1491 : Zakai_4
• Track 1492 : Claus_4
• Track 1493 : MiniLon_5, Lolly9_5
• Track 1494 : Red305_5, Jobypre_5, Jubie_5, MsGreen_5, Nicholas_5, TriFive_5, Kingsolomon_5, Snenia_5, Clautastrophe_5, Lumos_5
• Track 1495 : Moostard_5, Bellis_5, Samty_5, Finnry_5
• Track 1496 : LiyuLake_5
• Track 1497 : KirDoubleO7_3
• Track 1498 : Ellson_5
• Track 1499 : MiniMac_5
• Track 1500 : Krypton555_5
• Track 1501 : BourbonZero_4
• Track 1502 : DuncansLeg_5
• Track 1503 : Whirlwind_6
• Track 1504 : Quby_4, Douge_4
• Track 1505 : ChutneyChips_4
• Track 1506 : Sheng711_4, BrainDrainer_4, Douzhi_4, PYPDinur_4
• Track 1507 : Chaser_4
• Track 1508 : Kropertea_4
• Track 1509 : DyoEdafos_5
• Track 1510 : FarmResident_4
• Track 1511 : Bromden_4
• Track 1512 : RoseMarie_14
• Track 1513 : Reindeer_12

• Track 1514 : PegLeg_14, Auspice_14, Dulcita_15, Diminimus_15, Glaske16_15, TyDawg_14, TpudiCK_15, Bongo_14, FreakyGoo_15, LilhomieP_13, Izel_15, IPhane7_14
• Track 1515 : Bricole_14, KleverKiS_14, SlimJimmy_13, Skinny_15
• Track 1516 : Aziz_18, GenevaB15_18
• Track 1517 : Rey_18
• Track 1518 : GardenSalsa_18, MrMagoo_18
• Track 1519 : Estes_19
• Track 1520 : Nanosmite_18
• Track 1521 : PhancyPhin_2, Jamie19_2, Rebel_2, Nenae_2, SpongeBob_2
• Track 1522 : Andies_2, Pipsqueaks_2, Xeno_2, Chewbacca_2, Philonius_2, Fulbright_2, Parmesanjohn_2, Cubone_1, Schnauzer_2, EGUnicorn_2, Xerxes_2, Silvafighter_2, Aggie_2, Bosection6_2, Tortoise12_2
• Track 1523 : Raymond7_2, Phrann_2, Impisi_2
• Track 1524 : Panchino_2, SkinnyPete_2
• Track 1525 : Melville_2, Tapioca_2, Duplicity_2, Phloss_2, Magsby_2, Gex_2, Journey_2, Carcharodon_2, Tessdabest_1, Scitech_2, Silvy_2, Charlie_2, Smurph_2
• Track 1526 : Butters_2
• Track 1527 : BabeRuth_2
• Track 1528 : Hanako_2, Spinach_2, Snekmaggedon_2, Redi_2, ShrimpFriedEgg_2, Purgamenstris_2
• Track 1529 : MichelleMyBell_2
• Track 1530 : Shweta_2
• Track 1531 : Rubeelu_2
• Track 1532 : Kevin1_2
• Track 1533 : MadKillah_32, Bora_28, Firecracker_31
• Track 1534 : Ashwin_32, Dylan_30
• Track 1535 : Zebo_30, FoulBall_30, Blessica_31, Murai_31, YungJamal_33, Vorrps_30, Catdawg_30, KingPhillip3_30, Corndog_32, Schuy_32
• Track 1536 : Familton_31, SchoolBus_30, Mori_30, Imara_29, TelAviv_28, JangDynasty_30, NiebruSaylor_30, Ryadel_33, Smooch_33, Krili_30, Idergollasper_30, Vagabond_31, Winget_31
• Track 1537 : Alkhayr_31, YoyoKar_29, Wogge42_30, Wildflower_31
• Track 1538 : Shida_31
• Track 1539 : Zakhe101_31
• Track 1540 : KilKor_2, Megiddo_2, StevieRay_2, CactusJack_2, Glaske_2, StressBall_2, Phalm_2, Polkaroo_2, Gavriela_2, Bunnies_2, Ksquared_2
• Track 1541 : Langerak_2
• Track 1542 : Majeke_2, Arib1_2, Phegasus_2, Mangethe_2
• Track 1543 : Sonah_2, Donovan_2, Juniormint_2
• Track 1544 : Pygmy_2, Bogie_2, Shipwreck_2
• Track 1545 : Dynamo_2, GreaseLightnin_2, Zilizebeth_2, Malithi_2, Fishburne_2, Necropolis_2, Etoile_2, Camster_2, Vidya_2, Phineas_2, Kari_2, Bartholomew_2, Chubbello_2, FirstPlacePfu_2, Venti_2
• Track 1546 : Brusacoram_2, Atcoo_2, Thespis_2
• Track 1547 : HUHilltop_2, GaloreK_2, Techage_2, BronnyJr_2
• Track 1548 : Willsammy_2
• Track 1549 : Jebeks_2
• Track 1550 : Bhagsy_2, PeanutPie_2
• Track 1551 : Jung_2
• Track 1552 : Tortellini_2
• Track 1553 : Xavia_2
• Track 1554 : BigNuz_2, Nazo_2

• Track 1555 : Phayonce_2
• Track 1556 : ThulaThula_2
• Track 1557 : Purky_2
• Track 1558 : Wishmaker_5, OBUpride_5, Ein37_5, Luna22_5, Dewey_5, Gravaillia_5, Forge_5, HH92_5, DeepSoil15_5, LilHazelnut_5, Webster2_5, Daegal_6, Amymech_5, Kinbote_5, Gancho_4, Hail_5, Ubuntu_5, BloominB_5, Giles_5, Amochick_5
• Track 1559 : Evanesce_5, Luke_5, Hadrien_5
• Track 1560 : NovoPizza_3
• Track 1561 : Huphlepuff_37, JoieB_36, Marvin_33, Poise_35, Beelzebub_39, RedRaider77_35, Raela_35, Lilbit_34, Blackbeetle_35, LittleLaf_35, FeliMaine_37, Pringar_35, MosMoris_33, Gattaca_34, Caprice_32, Corazon_33, GoongGoong_34, VasuNzinga_35, Clarkson_36, Tesla_34
• Track 1562 : Bernal13_3, Nairb_3, RonRayGun_3, ZenTime222_3, Whitty_3, Ibrahim_3
• Track 1563 : Nette_3
• Track 1564 : Mendokysei_2
• Track 1565 : Stellammi_2
• Track 1566 : Penoan_4
• Track 1567 : PhaoMing_1
• Track 1568 : MaryV_26, EniyanLRS_23, Wildcat_26, Azrael100_25
• Track 1569 : Cosmo_26
• Track 1570 : Typha_9, Faiyaz_9, AuntGwenStacy_9
• Track 1571 : Hilltopfarm_9
• Track 1572 : Bipper_9
• Track 1573 : Cracklewink_9
• Track 1574 : Rem711_3
• Track 1575 : 32HC_3
• Track 1576 : Shambre1_3
• Track 1577 : Min1_37
• Track 1578 : RRH1_02
• Track 1579 : Samy_5
• Track 1580 : Barebow_2
• Track 1581 : Spartoi_2
• Track 1582 : TPA4_2
• Track 1583 : MooMoo_2
• Track 1584 : Ibantik_67
• Track 1585 : Gudmit_3
• Track 1586 : BFK20_ORF2
• Track 1587 : ChewyVIII_38
• Track 1588 : Eyre_2
• Track 1589 : Finkle_2
• Track 1590 : GMA4_2
• Track 1591 : Whack_2
• Track 1592 : Sleepyhead_2
• Track 1593 : Footloose_2
• Track 1594 : REQ2_02
• Track 1595 : LilSpotty_2
• Track 1596 : P3MA_3
• Track 1597 : Elener_3
• Track 1598 : GAL1_4
• Track 1599 : Gallia_20
• Track 1600 : DS6A_5

• Track 1601 : Kromp_2
• Track 1602 : Mbo4_2
• Track 1603 : Kumao_13
• Track 1604 : Juicebox_3
• Track 1605 : Chymera_2
• Track 1606 : Bobburn_2
• Track 1607 : Ball_2
• Track 1608 : ArV2_02
• Track 1609 : Tailonex_9
• Track 1610 : EmiRose_2
• Track 1611 : Attoomi_3

Summary of Final Annotations (See graph section above for start numbers):

The start number called the most often in the published annotations is 102, it was called in 400 of the 3060 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• A6_09, AFIS_11, AbbysRanger_11, Abbyshoes_12, Abdiel_11, Abrogate_120, Achebe_11, Adahisdi_12, Aeneas_13, Agaliana_11, Ajay_11, Albee_11, Alberto7_12, Aldrich_12, Alsfro_15, Altman_12, Alvin_12, Amochick_5, Amymech_5, Annyong_11, Applejack_11, Arcanine_12, Arlo_10, Arturo_10, Atkinbua_12, AvatarAhPeg_11, Avle17_11, B1_09, BK1_09, BPBiebs31_12, Baby16_11, BabyJohn_10, BabyRay_11, Backyardigan_11, BaconJack_13, Badger_11, BangNhom_10, Barriga_11, BarrowTuph_10, Bartimeaus_11, BeesKnees_12, BellusTerra_11, BigPaolini_12, Bigchungi_11, Bigfoot_10, BillKnuckles_12, Bircsak_11, Blackflame_11, Blackmoor_11, Blesser_11, BloominB_5, BluSpix_11, BlueBird_12, Blue_11, Bob3_10, Bombshell_11, Bones_11, Briton15_13, Broseidon_11, Bruiser_11, BubbleTrouble_11, Bugatti_11, Bumblebee11_11, Burger_10, Buttons_12, Bxb1_10, CactusRose_10, Caelakin_11, Camperdownii_10, Carlyle_13, CatBus_12, Caviar_12, CentreCat_11, Cerulean_11, ChampagnePapi_11, Chanagan_10, Chaph_11, Chiqui_10, ChristmasHams_11, Chupacabra_11, Ciao_11, Cici_11, Cindaradix_10, Cintron_11, Citius_11, Clammy_11, Clarenza_11, Cocoaberry_11, Commander_11, ConceptII_11, Connomayer_11, Corvo_11, Crispicous1_10, Cueylyss_11, DD5_12, Daegal_6, Datway_11, Deano_11, DeepSoil15_5, Dewey_5, Dexes_12, Dhanush_11, DirtDevil_12, DirtyDunning_11, DontArgue_10, Doom_11, DrFeelGood_10, Drake94_10, Dreamboat_12, DroogsArmy_12, DropBear_11, Druantia_11, Dulcie_10, Dussy_12, DustyMartin_14, Dynamix_12, Eagle_10, Eaglepride_12, Eapen_11, Edison31_11, Edtherson_12, Ein37_5, EnzoK_12, Eris_11, Eros_11, Espresso_11, EtoileNova_12, Euphoria_11, Eurydice_11, Eyeball_11, Fascinus_10, Florean_11, Flux_11, FlyCatcher_15, Forge_5, Forsytheast_10, Francis47_11, Fred313_11, Froghopper_12, Funston_11, GMonster_10, Gachnar_11, Gadost_11, Gancho_4, Gandalf20_12, Giles_5, Giroux_12, Gompeii16_11, Goose_11, Graduation_13, Gravaillia_5, GrecoEtereo_12, GroundGoblin_12, Gwendoluna_13, HH92_5, HINdeR_11, Hail_5, HamSlice_10, Hami1_13, HanShotFirst_11, Happiness_11, HarryOW_12, Heathen_11, HelDan_11, Hermia_13, HermioneGrange_12, Holli_11, Homines_11, Hookmount_12, Hope4ever_11, Houdini22_11, Huxley_11, ICleared_11, ILeeKay_13, Iceman_11, Ichabod_12, Idleandcovert_11, IgnatiusPatJac_10, Inyanga_10, Iqorha_10, Iracema64_11, Isca_11, JC27_13, JF2_11, JF4_11, JackSparrow_12, Jasper_12,

Jaykayelowell_11, JetBlade_11, JoongJeon_11, Jorgensen_11, JuliaChild_13, KBG_12, KFPoly_11, KSSJEB_11, Kachowdy_11, Kampy_11, Kanely_12, Katalie136_11, KekoraPapaka_10, KikiBouba_13, Killigrew_9, Kimona_8, Kinbote_5, Kingmustik0402_11, KittenMittens_10, Koan_11, Koreni_10, Kratark_11, Kremtemulon_11, Kristoff_12, Kugel_12, KyMonks1A_13, Kyee_11, Kykar_9, LHTSCC_11, Lambert1_12, Lamina13_11, LappelDuVide_11, Lemur_11, Lesedi_10, Licorice_13, LilBib_12, LilHazelnut_5, LittleB_11, LittleGuy_11, LochMonster_11, Lockley_11, Lorenzo_11, Luna22_5, LunarLander_11, Lunsford_12, MA5_11, MK4_11, MPlant7149_10, Magnar_11, Magnito_10, Manatee_12, Marcell_11, Marchesa_11, Marchy_10, Marco3_11, Margo_12, Maroc7_10, Marsha_11, MaryBeth_11, Maverick_11, Maxo_11, Mayonnaise_11, Mazhar510_11, McGuire_12, McSinger_12, Medusa_11, MeeZee_11, Melvin_11, MetalQZJ_11, Michley_11, MilleFeuille_10, Miramae_11, Molly_12, Moose_10, Morpher26_11, MrGordo_11, Mryolo_10, Mule_11, Mundrea_11, NEHalo_11, Nebs_11, Nerujay_12, Nhonho_11, Noella_12, Noelle_11, Norbert_11, NorthStar_11, Norz_13, NotAPhaseMom_11, NovoPizza_3, Noxious_13, Nyxis_11, OBUpride_5, OKCentral2016_11, OKaNui_11, Obama12_11, Ohfah_11, Ohno789_10, Oogway_10, PP_21, PSullivan_13, PacerPaul_11, Palestino_11, Panamaxus_12, Papez_13, Paphu_10, Paraselene_10, Pari_12, Parliament_10, PascalRango_10, Payneful_11, PeaceMeal1_10, Peaches_11, Pelly_12, Pepe_12, Perplexer_11, Perseus_12, PeterPeter_11, Peterson_14, PetiteSangsue_11, Petruchio_11, Phacado_11, Phantastic_11, Phelipe_11, PherrisBueller_12, Phighter1804_11, Phontbonne_11, PhrostyMug_11, PinkPlastic_10, Pinto_13, Pipcraft_11, Pistachio_12, Pita2_13, Pocahontas_12, Polymorphads_11, Poompha_10, Popcicle_12, PowerRanger_11, ProMouse_10, Pumbaa_11, Puppet_11, Puppy_12, QTRlifeCrisis_11, QuinnKiro_11, Raid_11, Rajelicia_11, Rebeuca_12, Relief_11, ResDef_12, RhynO_12, Rhynn_11, RidgeCB_11, Ringer_11, RockieBear_10, Rockstar_11, Rohr_12, Roimos_11, Romney_11, Roosevelt_11, Rosa24_10, Rowdy_14, Ruin_11, Ruotula_10, STLscum_12, Sabertooth_11, Sagefire_12, Sandaddy_10, Sanya_10, SarFire_11, SaturnRing_11, Scamp_11, Scout_11, Scowl_12, Seabiscuit_13, Seanderson_12, SenorClean_11, Severus_10, Shaka_11, Shapes_14, Sheen_13, SheldonCooper_11, ShortQueendom_11, Shygu2_11, SkiPole_13, Slagathor_12, Smairt_12, Smeagol_12, Snazzy_9, Solon_11, Sorpresa_11, Sparxx_11, Spino_11, Squee_12, Stasia_12, SteMason_11, StewieG_10, Stink_11, Sultana_11, Sumter_10, Sunshine924_10, SwissCheese_11, Switzer_12, Swole_13, TNguyen7_11, Taquarus_11, Target_13, Tasp14_12, Teodoridan_9, Texage_11, Thanksgivukkah_11, TheloniousMonk_13, Thor_11, Timshel_12, TinaFeyge_11, Tinybot_10, TiroTheta9_11, Todacoro_12, Topanga_11, Topgun_11, Toro_14, Tote_13, Traft412_13, Trike_9, Tripl3t_12, Trouble_11, TroyPia_11, Turj99_10, Twister_11, TwoPeat_12, TygerBlood_11, U2_11, Ubuntu_5, Ulysses_10, Veracruz_11, WalterMcMickey_11, Wander_11, Watermelon_13, Webster2_5, Wheeler_11, Whitspit_12, Wilbur_11, Wile_11, Wilkins_11, Wishmaker_5, Wizard007_11, Xena_11, YoSam321_11, Zarafa_11, Zeeculate_10, Zephyr_11, Zeuska_12,

Genes that have the "Most Annotated" start but do not call it:
• Evanesce_5, Hadrien_5, LeoAvram_11, Luke_5, Nemo27_11, Skipitt_11,

Genes that do not have the "Most Annotated" start:
• 20ES_12, 244_9, 32HC_3, 40AC_15, 8UZL_5, ACFishhook_13, AEgle_2, AGrandiflora_2, AN3_12, AN9_15, ANI8_15, ATCC29399BC_2, ATCC29399BT_2, Aaronocolus_6, AbbeyMikolon_2, AbbyDaisy_3, AbbyPaige_14, Abidatro_3, Abigail_3, Abscondus_29, Acai_7, AceofSpades_2, Acme_13, Acolyte_12,

Acquire49_4, ActinUp_8, Adaia_3, AddiRose_12, Adelaide_2, Adephagia_8, Adnama_10, Adolin_2, Adonis_8, AdoptaAdorbs_2, Adora_2, Adumb2043_2, Adzzy_13, Aflac_17, Agamotto_6, Agape74_14, Agatha_4, Agent47_6, AgentM_9, Ageofdapage_8, Aggie_2, Aglet_13, AgronaGT15_13, Agueybana_2, AikoCarson_3, AinMach_2, Airmid_9, AizenPogi_2, Akhila_3, Akino08_3, AlainaMarie_17, Alatato_2, Alatin_8, Albanese_5, Albedo_3, Albright_3, Aledel_2, AlexMinion_2, AlishaPH_8, Aliter_13, Alkhayr_31, AllBusiness_5, AlleyCat_6, Alma_13, Aloe25_19, Alpacados_7, AlpineSix_2, Alsaber_7, Altjira_7, Altostratus_2, Alucard_3, AlumE_2, Alvy_8, Amanises_4, Amao_9, Amela_6, Amelia_4, Amelie_4, AmericanBeauty_10, Amethyst_6, Amgine_6, AmiCi24_2, Aminay_6, Amohnition_7, Amok_3, Amphitrite_2, Amploria_2, Amyev_2, Anandi_8, Anatole_3, Anaya_9, Anaysia_14, AndPeggy_3, Andies_2, Andrew_3, Andris_6, Aneem_12, Anekin_2, Angel_2, Angelica_8, Angelique_2, AngryOrchard_7, Animus_7, Anma_8, AnnaL29_15, AnnaLie_4, AnnabelLee_4, Annalisa_3, Annihilator_2, Annihilus_7, Anon_12, Anselm_12, Anseraureola_3, Anthony_11, Antonio_2, Antrice_3, Antsirabe_2, Anubis_15, Aoka_3, Aphelion_30, Apiary_28, Apocalypse_8, AppleCider_5, AppleCloud_6, Applecrisp_6, Applejacks_2, Appletree2_4, Apricot_2, Aquarius_2, ArV2_02, Aragog_9, Arataki_14, Arby_4, Arcadia_8, ArcherNM_14, Archetta_9, ArchiDore_2, Archie_4, Archimedes_1, Archis_2, ArcusAngelus_2, Ardmore_2, AreFloNak_7, Argan_7, Argent26_10, Arianna_3, Arib1_2, Ariel_9, Arielagos_2, Aries55_3, Arissanae_11, Armstrong_2, Aroostook_2, Arroyo_4, Artemis2UCLA_15, ArtetaBall_17, Arti_24, Artorias_13, Arzan_8, Asa16_2, Asayake_8, Ascela_2, Ashballer_10, Ashes_2, Ashwin_32, Asriel_8, Asten_6, Astro16_3, Astro_9, Atcoo_2, Atiba_8, Atlantica_2, Atraxa_3, Attacne_2, Attis_2, Attoomi_3, Aubs_2, Audell_7, AugsMagnumOpus_15, AuntGwenStacy_9, Auspice_14, AustinPowers_2, AvGardian_3, AvadaKedavra_4, Avazak_13, Avocado_2, Avocadoman_3, Avrafan_2, Avvas_3, Axiom_7, Axym_4, Ayanochan_14, AylexOG_4, Ayotoya_6, Azathoth_4, Azaz_2, Azira_6, Aziz_18, Azizam_3, Azrael100_25, Aztec_3, AzulaCat_2, Azula_2, B22_3, B3_3, BABullseye_15, BAjuniper_3, BBQValindra_2, BEEST_8, BFK20_ORF2, BGlluviae_8, BPs_2, BQuat_2, BabeRuth_2, Babsiella_2, Babushka_2, BabyBack_14, BabyDaisy_4, BabyYoda_3, Bachaco_3, Bachita_32, Bachome_12, BackstagePass_2, Bactobuster_13, Baehexic_13, BaghaKamala_8, BaileyBlu_2, Baine_3, Ball_2, Balloona_3, BananenDer11_6, Banquo_11, Bantam_12, Baoshan_3, BarBear_3, Barbarian_8, BarbieDoll_8, Barbonzobean_8, Barco_2, Barebow_2, Barkley26_2, Barnstormer_2, BarrelRoll_8, BarryBee_8, BartholomewSD_8, Bartholomew_2, Basilisk_3, Bask21_8, BatStarr_2, Batiatus_2, Battleship_15, Bavilard_4, BaxterFox_2, Bazzle_4, BearBQ_2, BeardedLady_7, Beaupre_2, Beauxregard13_13, Bedetta_4, BeeGee_2, Beelzebub_39, Beemo_13, Beenie_3, Beethoven_5, Beezoo_8, Begonia_2, Belenaria_8, Bella96_8, Belladonna_8, Bellis_5, Bellris_10, BelmontSKP_4, Belthelas_3, Bench_10, Benedict_9, Bengal_3, BengiVuitton_13, BenitoAntonio_8, Benllo_7, Bennie_2, BennyP_15, Benvolio_12, Bern_8, Bernal13_3, Bernstein_2, Berrie_2, BetterKatz_6, BetterYeti_17, Bhagsy_2, BiPauneto_27, Bialota_2, BiancaTri92_14, Bibble12_4, BigBubba_8, BigCheese_4, BigChungus_3, BigMack_2, BigMau_13, BigNuz_2, BigSherm_6, Bigflo_13, Biglebops_4, BillDoor_6, Bilo_7, Bimmel_48, Bing_7, BinkBonk_3, Bintii_3, Bipolar_2, Bipper_9, Birdsong_2, Biscayne_3, Biscute_7, Biskit_5, Bjanes7_2, BlackHoleSun_9, Blackbeetle_35, Blair_4, Blanky_13, BlessJoy_15, Blessica_31, Blexus_2, BlingBling_2, Blinn1_15, Blino_2, Blizzard_8, Blondies_5, Blue7_15, BlueCrab_2, Blueberry_2, Bluefalcon_8, BluerMoon_17, Bluvara_2, BobSwaget_15, BobaPhett_2, Bobburn_2, BobbyDazzler_8, Bobby_11, Bobquesha_9, BobsGarage_4, Bock_6, BodEinwohner17_2, Bodacious_2, Bodhi17_3, Bogg_9, Bogie_2, BogosyJay_13, Boiiii_8, Boilgate_5, BonaeVitae_3, Bonamassa_9, Bonanza_8, Bongo_14, Bonum_27, Boog_8, Boohoo_14,

BoomRoasted_3, BoostSeason_4, Bora_28, Bosection6_2, Bosnia_2, Bouchard_7, BourbonZero_4, Bovely_6, Bowden_7, Bowling_8, Bowser_2, Bowtie_12, BoyNamedSue_2, Bradissa_2, Bradley2_3, Bradman_11, Bradshaw_8, Brahms_2, BrainDrainer_4, Bran_2, Brataylor_7, Braxoaddie_28, BrayBeast_2, BreSam8_13, Breezona_4, Breylor17_7, Bri160_3, Bricole_14, Bridgette_2, BritBrat_2, Brocalys_2, BrokMonster_3, Bromden_4, BronnyJames_6, BronnyJr_2, BronxBay_8, BrotherBLo_5, BruceB_2, BruceLethal_2, Brujita_2, Bruns_10, Brunswick_7, Brusacoram_2, BrutonGaster_18, BryanRecycles_7, Bryce_8, Bryler_7, Brylie_6, Brynnie_3, BubbaBear_3, Bubble_4, Bubbles123_2, Bud_12, Budgie_10, Bugg_15, Buggaboo_25, Bugsy_14, Buldak_3, Bullzi2019_3, Bunker_2, Bunnies_2, Bunnybear_2, Burgy_3, Burley_17, Burnsey_4, Burritobowl_3, BurtonThePup_3, Burton_12, Burwell21_2, Butters_2, Button_5, Buttrmlkdreams_4, BuzzBuzz_12, Bxz2_13, ByChance_2, Byougenkin_2, C3PO_12, C3_10, CGermain_4, CLED96_2, CRB1_12, CREW_8, CWormy_17, Cabrinians_2, CactusJack_2, Cactus_10, Caelum_7, Cain_7, Caitlin_9, Caliburn_6, CallaLilly_8, CallieOMalley_5, CallinAllBarbz_2, Calm_4, Calvinny_14, Camara_2, Cambiare_3, Camille_10, Camri_2, Camster_2, CanFranMach_3, Candra_15, CanesSauce_4, Canowicakte_5, CapnMurica_7, Cappuccino_2, Caprice_32, Capricorn_8, CaptainKirk2_2, CaptainTrips_3, Captrips_13, Capybara_13, CaramelLatte_4, Caraxes_11, Carcharodon_2, CardboardBox_4, Cardigan_30, CarefulCloud_2, CarolAnn_2, Caron_2, Carpal_5, Carsonalex_5, CaseJules_8, Cashington_3, Cashline_2, Cassia_2, CassieYates_2, CastorTray_8, Catalina_13, Catdawg_30, Caterpillar_8, Catfish_6, Cayde6_3, Cazares_3, Cedasite_2, Celaena_3, Celery_8, Celeste_6, Celestialunch_12, Celia_6, Cen1621_2, Centaur_14, Chadwick_10, ChamoyPickle_4, Chance64_2, Chancellor_9, Changeling_15, Charbie_3, Chargerpower_12, Charlie_2, Charm_12, Chartreuse_15, Chaser_4, Chatham_3, Chavito_8, Che12_13, Che8_2, Che9c_2, CheeseSpider_2, Cheesecake_3, Cheesepuff_2, Cheesy_8, CheetoDust_8, Cheetobro_9, CherryBlossom_8, Cherrybomb426_2, CherryonLim_5, Chestnut_4, Chevrolet_2, ChewChew_2, Chewbacca_2, ChewyVIII_38, Chickaboom_2, ChickenTender_6, Chicken_3, ChickyNuggy_14, Chikenjars_17, ChiliPepper_3, ChipMunk_14, Chipko_2, ChipsNGuac_4, Chlochlo_7, ChocoMunchkin_4, Cholula_5, Chop_6, ChosenOne_7, ChotaBhai_8, Chridison_2, Chris_7, Christian_2, Chubbello_2, ChuckDuck_2, Chuckly_2, Chucky_6, ChutneyChips_4, Chymera_2, CicholasNage_4, Ciel_3, Circum_8, Citrus_16, Clank_2, Clap_2, Clark_3, Clarkson_36, Claus_4, Clautastrophe_5, Clayda5_2, Cleo_4, CliffHanger_4, Clifton_2, Clipper_8, CloudWang3_15, Cloudyecho_2, ClownCar_14, Clownery_3, ClubL_30, ClubPenguin_6, CocoCinnamon_5, CocoaPuff_3, Coeur_2, CoffeeBean_28, CogOmlette_10, Colbster_13, Cole_4, Coleslaw_2, Colin_16, Collard_6, Colleen_3, Coltrane_2, Colusalem_3, Commandaria_26, Community_3, Conan_7, Concrete_3, Confidence_2, Conley_13, Conquerage_13, Conspiracy_9, Constance_2, Coog_9, Cookiedough_15, Copper_4, Coral_3, Corazon_33, Coriander_2, Corium_2, Corndog_32, Cornie_2, Correa_8, CosmicBrownie_2, CosmicSans_8, Cosmo_26, Cota_2, Cote_4, Count_11, Courthouse_10, Courtney3_4, Cozz_4, Cracklewink_9, Crater_2, Crespo_2, Crewmate_3, CricKo_7, CrimD_8, CristinaYang_2, CroZenni_3, Crocheter_16, Croquant_14, Crossroads_4, Crucio_12, Cruella_12, Crumble_2, Cubone_1, Cuco_9, Cucurbita_32, Cullens_13, Culver_30, CupcakePrincess_3, Curiosium_9, CurlyFries_6, Cyan_2, Cygnet_3, Cynthia_2, CyranoPS_2, Czyszczon1_9, D29_13, D32_15, DBQu4n_15, DHan_4, DLane_2, DMoney_2, DNAIII_002, DRBy19_2, DS6A_5, DaHudson_13, DaVinci_15, DaddyRickover_2, Daddyjeff_12, Dadosky_6, Daenerys_2, DaftyDuck_3, Daiboju_2, Daishi_12, Dalilpop_29, Dalmatian_12, Dalmuri_8, Damascus_10, Damocles_4, DanBing_3, DanHam62_2, DanSyl44_9, Dancer_13, Danforth_8, Danimal_3, Danno_3, Dante_2, Danzina_7, Daob_4,

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Swirley_9, Switzerland_14, SydNat_9, Syleon_13, Synepsis_6, Syra333_7, TBond007_7, TBrady12_10, TChen_2, TClif_7, TDanisky_2, TG1_2, TM4_4, TMaxx_4, TPA4_2, TWAMP_8, TZGordon_9, Tachez_8, TagePhighter_7, Taheera_2, TaidaOne_8, TailX7_2, Tailonex_9, Tairn4Wing_15, TaiwanKao_8, Taj14_4, Taj_2, Takoda_8, Tallboi_2, Talon44_14, Tanis_13, Tapioca_2, Taquito_7, Tarnish_4, TaronosaurasRx_2, TarsusIV_12, Tarynearal_8, Tarzan_2, Tatanka_6, TattModd_5, Taurus_13, TaylorSipht_3, Tayonia_2, Tbone_2, Teacup_7, Teagster_2, Teaspoon_8, Techage_2, TeddyBoy_3, Teejan_4, Tefunt_6, TelAviv_28, Temper16_2, Temprado_15, TenaciousP_17, Tenney120_8, Tenno_8, Terrific_16, Terror_2, Tesla_34, Tessdabest_1, TforTroy_2, ThankyouJordi_2, Theia_8, Thespis_2, Thestral_7, ThetaBob_2, Thimann_3, Thimble_9, Thiqqums_7, ThulaThula_2, ThursdayNight_2, Thyatira_6, Tian_2, TieDye_7, Tierra_7, Tiffany_13, Tiger_9, Tigress9_7, TimTam_2, TimoTea_3, Timothy_12, TinaBelcher_6, TinaBug_2, TinaLin_10, TingHuaYa_8, TiniBug_8, TinoCrisci_4, TinyPebbles_13, TinyTimmy_12, TinyTruffula_3, TipsytheTRex_11, Tipton_7, Tiri_8, TlaliMex_3, Toad24_4, Toaka_11, Toast_2, ToastyOats_7, Tokki_7, Tolls_6, TomBrady12_3, TomBrady_2, Toma_6, Tomathan_15, Tonaltzin_19, ToneTone_14, Toniann_30, TonyStarch_8, Toodles_5, Topiatin_4, Topper_8, Toron_2, Torres_4, Tortellini_2, Tortoise12_2, TouchMeNot_3, Toulouse_3, Tourach_4, Towmatter_11, TpudiCK_15, Tracker_24, Trackstar_3, Travvers_15, Trax_12, Treddle_13, TreyKay_8, TriFive_5, Tribby_8, TribleTrouble_6, Trice_4, Trine_2, TripleC_7, Trireme_3, Tristan_13, Triste_6, TrixiePhattel_8, Trixie_15, Troje_4, Trooper_12, Troy_2, Truckee_7, Trufflozitus_13, TruffulaTree_8, Trumpet_2, Trustiboi_7, TrvxScott_5, TuanPN_6, Tubs_13, Tuck_3, Tucker_15, TuertoX_2, TukTuk_3, Turab_2, Turbido_14, Turuncu_28, Tuti_3, Tutumahutu_2, Tweety19_3, Tweety_2, Twigg_9, Twinkle_2, Twitch_8, TyDawg_14, TymAbreu_4, Typha_9, Typhonomachy_4, Tyrellus_3, Tyson_4, UPIE_4, Ugenie5_10, UhSalsa_8, Ukulele_8, UmaThurman_2, Underpass_4, Unicorn_7, UnionJack_9, Unstoppable_6, Untouchable_16, Updawg_14, Upsilon_3, Upyo_2, Urkel_8, Urla_2, Urza_6, UtzChips_2, Utz_2, Uzumaki_8, VA6_12, VC3_15, VRedHorse_2, VResidence_2, VWB_2, Vagabond_31, Validus_8, Vallejo_5, Vanisius_3, Vanisoa_11, Vanseggelen_9, Vardy_17, Vasanti_2, Vash_2, VasuNzinga_35, Veliki_8, Vendetta_7, Venti_2, Verabelle_7, Verse_6, Veteran_2, Vetrix_4, Vidya_2, VieEnRose_6, Vine_5, Vinye_4, Violac_2, Vitas_2, VitulaEligans_3, ViviJ_5, Vivum_2, Vix_13, VohminGhazi_15, Volt_36, Vorrps_30, VroomVroom_2, Vulpecula_3, Vulture_2, WST1_2, Wachhund_2, Waits_14, WalkingDead_3, Wallaby_7, Walrus_2, Wamburgrxpress_4, Wanda_10, Warda_2, Warrior24_14, Waterfoul_6, Watson_13, Wawa_5, Wayne_5, Wee_2, WeiHuaDA_18, Weirdo19_2, WelcomeAyanna_2, Wendigo_2, Werner_6, Westerlin_7, Westrich_4, Whabigail7_14, Whack_2, Whatever_6, Whatsapiecost_2, WheatThin_6, Wheezy_24, Whirlwind_6, Whiteclaw_2, Whitty_3, WhoseManz_26, Whouxphf_2, WideWale_14, Widow_2, Wigberry_7, Wiggin_10, Wigglewiggle_4, Wiks_15, Wildcat_26, Wilder_4, Wildflower_31, Wildwest_3, WileyE_2, WillSterrel_2, WilliamBoone_30, William_2, Willsammy_2, Winget_31, WinkNick_3, Winky_4, Wintermute_9, Wisp_2, Witch_3, Wizzo_2, Wocket_2, Wogge42_30, Wolfpack_3, Wolfwood_6, Wolpertinger_11, WonderBoy_2, Wooldri_15, WorldCup_10, Wrigley_2, WunderPhul_15, Wyatt2_4, XFactor_2, Xandras_10, Xavia_2, Xeno_2, Xenomorph_7, Xerxes_2, XianYue_12, Ximenita_8, Ximeno_2, Xula_2, Y10_09, Y2_09, Yakult_5, Yami_3, YangYin_2, Yang_2, Yank_4, Yarn_3, Yasdnil_6, YasnayaPolyana_9, Yasuo_3, Yecey3_12, Yeet412_2, Yeezy_2, YertPhresh_3, YesChef_2, Yinzer_2, Yndexa_26, Yogi_8, Yokurt_15, Yoncess_8, Yonex_6, Yorick_2, YoshiYama_7, Yosif_7, Yotsuba_12, YoureAdopted_7, YoyoKar_29, Yubaba_3, Yucky_4, Yummy_5, Yuna_8, YungJamal_33, Yunkel11_8, Yvonnetastic_28, ZAYM_2, Zabiza_8, Zaheer_6, Zahlia_3, Zainub_8, Zaka_15,

Zakai_4, Zakhe101_31, ZamZam_6, Zameen_2, Zarbodnamra_2, Zareef_6, Zaria_4, Zavala_8, Zebo_30, Zeina_8, Zemlya_7, ZenTime222_3, Zeph_16, Zerg_2, Zeta1847_2, Zetzy_12, ZhongYanYuan_3, Zhuangyuan_4, ZiggyZoo_2, Ziko_37, Zilizebeth_2, Zilla_2, Zimmer_14, Zion_12, Zippen_8, Zirinka_2, Zixiang_3, Zizzle_2, ZoMa_2, Zodiariah_2, ZoeJ_4, Zolita_8, Zombie_2, Zorro_5, Zulu_15, phiBT1_33, phiCAM_06, phiSASD1_22,

Summary by start number:

Start 5:
• Found in 5 of 3497 (0.1%) of genes in pham
• Manual Annotations of this start: 5 of 3060
• Called 100.0% of time when present
• Phage (with cluster) where this start called: C3PO_12 (EN), Cruella_12 (EN), PeteyPab_12 (EN), PotatoChip_12 (EN), Zion_12 (EN),

Start 20:
• Found in 1 of 3497 (0.0%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Stickynote_14 (EN),

Start 35:
• Found in 2 of 3497 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Mendokysei_2 (T),

Start 54:
• Found in 42 of 3497 (1.2%) of genes in pham
• Manual Annotations of this start: 19 of 3060
• Called 45.2% of time when present
• Phage (with cluster) where this start called: AgentM_9 (A5), Archetta_9 (A5), Bluefalcon_8 (A5), Conspiracy_9 (A5), Cuco_9 (A5), Discoknowium_9 (A5), Dublin_8 (A5), ElTiger69_9 (A5), ForGetIt_9 (A5), George_8 (A5), Ghoulboy_9 (A5), Milcery_9 (A5), Naca_9 (A5), Phlorence_9 (A5), PickleBack_9 (A5), Swirley_9 (A5), Tarynearal_8 (A5), Theia_8 (A5), UnionJack_9 (A5),

Start 67:
• Found in 54 of 3497 (1.5%) of genes in pham
• Manual Annotations of this start: 32 of 3060
• Called 64.8% of time when present
• Phage (with cluster) where this start called: Airmid_9 (A5), Aragog_9 (A5), Astro_9 (A8), Benedict_9 (A5), Bonamassa_9 (A5), Caitlin_9 (A8), Chadwick_10 (A5), Coog_9 (A5), Danforth_8 (A8), Dixon_9 (A8), Expelliarmus_8 (A8), Florence1_9 (A5), Florence4_10 (A5), Groundhog_8 (A8), HuhtaEnerson15_9 (A5), Jabiru_9 (A5), Jovo_9 (A5), Lev2_9 (A5), LittleCherry_9 (A5), MarysWell_8 (A5), Micasa_9 (A5), Midas2_9 (A5), NearlyHeadless_9 (A8), PetterN_10 (A5), Phillis_9 (A8), Prinashe11_10 (A5), Roary_9 (A8), Saintus_9 (A8), Scorpia_10 (A5), Smeadley_9 (A8), Stephig9_9 (A8), SydNat_9 (A5), Tiger_9 (A5), Twigg_9 (A5), Zolita_8 (A5),

Start 71:
• Found in 10 of 3497 (0.3%) of genes in pham

• Manual Annotations of this start: 4 of 3060
• Called 40.0% of time when present
• Phage (with cluster) where this start called: Archimedes_1 (DA), Frizzle_1 (DA), Ghobes_1 (DA), Sapo_1 (DA),

Start 72:
• Found in 23 of 3497 (0.7%) of genes in pham
• Manual Annotations of this start: 7 of 3060
• Called 39.1% of time when present
• Phage (with cluster) where this start called: Bernal13_3 (T), Footloose_2 (singleton), Ibrahim_3 (T), Nairb_3 (T), Nette_3 (T), PhaoMing_1 (UNK), RonRayGun_3 (T), Whitty_3 (T), ZenTime222_3 (T),

Start 73:
• Found in 1 of 3497 (0.0%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 100.0% of time when present
• Phage (with cluster) where this start called: JustASigh_2 (AH),

Start 76:
• Found in 2 of 3497 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 100.0% of time when present
• Phage (with cluster) where this start called: DS6A_5 (singleton), Weirdo19_2 (AH),

Start 85:
• Found in 5 of 3497 (0.1%) of genes in pham
• Manual Annotations of this start: 2 of 3060
• Called 40.0% of time when present
• Phage (with cluster) where this start called: Farewell_2 (AF), Sparky_2 (AF),

Start 87:
• Found in 25 of 3497 (0.7%) of genes in pham
• Manual Annotations of this start: 22 of 3060
• Called 92.0% of time when present
• Phage (with cluster) where this start called: Angelique_2 (CY1), BeeGee_2 (CY5), Bradissa_2 (CY1), BritBrat_2 (CY2), Cashline_2 (CY6), Confidence_2 (CY1), EMsquaredA_2 (CY1), EnalisNailo_2 (CY1), Floral_2 (CY1), Jablanski_2 (CY3), Lilas_2 (CY1), LonelyBoi_2 (CY7), LunaStella_2 (F4), Marteena_2 (CY1), Pollux_2 (CY1), Posh_2 (CY4), Pytheas_2 (CY3), Renaud18_2 (F4), Stellammi_2 (UNK), TChen_2 (F4), ThetaBob_2 (F4), Toron_2 (F6), Wrigley_2 (CY4),

Start 89:
• Found in 19 of 3497 (0.5%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 5.3% of time when present
• Phage (with cluster) where this start called: Provolone_7 (BD3),

Start 95:
• Found in 122 of 3497 (3.5%) of genes in pham
• Manual Annotations of this start: 98 of 3060
• Called 89.3% of time when present

• Phage (with cluster) where this start called: Aaronocolus_6 (BD1), AceofSpades_2 (AZ4), Alsaber_7 (BD3), Alvy_8 (BD2), Amela_6 (BD3), Amethyst_6 (BD2), Andris_6 (BD2), Animus_7 (BD2), Asten_6 (BD1), Axiom_7 (BD2), BarryBee_8 (BD1), BartholomewSD_8 (BD2), Bovely_6 (BD1), Bowden_7 (BD2), Brataylor_7 (BD1), BryanRecycles_7 (BD1), Caelum_7 (BD2), Caliburn_6 (BD1), Celery_8 (BD3), Celeste_6 (BD1), Celia_6 (BD6), Chucky_6 (BD1), Conan_7 (BD3), Danzina_7 (BD1), Dattran_7 (BD1), Daudau_6 (BD2), Dexers_5 (BD3), Diane_6 (BD2), Dwayne_6 (BD1), ELB20_05 (BD2), Eddasa_7 (BD1), Ejemplo_6 (BD1), ElGato_7 (BD3), Emaanora_8 (BD1), FiveHead_2 (AZ4), GirlDinner_6 (BD2), Goby_6 (BD1), Godpower_7 (BD1), Haizum_6 (BD2), Hank144_7 (BD2), Hippo_6 (BD1), Hydra_8 (BD1), Indigo_6 (BD1), Issmi_7 (BD2), Itza_6 (BD6), Izzy_7 (BD1), Janus_7 (BD2), JasmineDragon_2 (AZ4), Jevington_8 (BD2), Jhitchelle_5 (BD3), JohnThicc_2 (AZ4), Kaine_6 (BD3), Katalie_7 (BD1), LadyAstra_2 (AZ4), Lannister_7 (BD1), Legacy_6 (BD1), Lika_6 (BD1), Loofah_7 (BD2), Maneekul_6 (BD1), Marav_9 (BD2), MiniMommy_2 (AZ4), Nabi_6 (BD1), Nanodon_8 (BD1), Nerdos_6 (BD1), Nishikigoi_6 (BD2), Oliynyk_7 (BD1), Omar_7 (BD2), Origami_2 (AZ4), OzzyJ_7 (BD1), Pablito_6 (BD2), Paedore_6 (BD2), Paolo_8 (BD2), Pavo_7 (BD3), Phettuccine_6 (BD1), Puginator_8 (BD2), R4_6 (BD2), Rana_6 (BD1), RedBear_8 (BD1), SarahRose_6 (BD1), ShakeItOph_2 (AZ4), Snorlax_6 (BD1), South40_7 (BD1), Speedwell_7 (BD3), SqueakyClean_7 (BD2), Sudan_6 (BD3), Sujidade_7 (BD1), SunkenRoot_8 (BD3), Superstar_8 (BD2), TagePhighter_7 (BD1), Tefunt_6 (BD2), Thestral_7 (BD2), TinaBelcher_6 (BD2), Triste_6 (BD1), TrvxScott_5 (BD2), TuanPN_6 (BD1), Urza_6 (BD6), Vanseggelen_9 (BD3), Verabelle_7 (BD3), Verse_6 (BD3), VieEnRose_6 (BD6), VroomVroom_2 (AZ4), Werner_6 (BD1), Whatever_6 (BD1), Yasdnil_6 (BD1), Yosif_7 (BD3), Zainub_8 (BD2), ZamZam_6 (BD3), Zemlya_7 (BD1), phiCAM_06 (BD3),

Start 96:
• Found in 6 of 3497 (0.2%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 16.7% of time when present
• Phage (with cluster) where this start called: MalagasyRose_7 (AG),

Start 98:
• Found in 20 of 3497 (0.6%) of genes in pham
• Manual Annotations of this start: 2 of 3060
• Called 10.0% of time when present
• Phage (with cluster) where this start called: Emotion_2 (AZ4), Saftant_6 (BD3),

Start 99:
• Found in 1 of 3497 (0.0%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Nergal_5 (AG),

Start 102:
• Found in 444 of 3497 (12.7%) of genes in pham
• Manual Annotations of this start: 400 of 3060
• Called 98.6% of time when present
• Phage (with cluster) where this start called: A6_09 (A1), AFIS_11 (A1), AbbysRanger_11 (A4), Abbyshoes_12 (A1), Abdiel_11 (A4), Abrogate_120 (A1), Achebe_11 (A4), Adahisdi_12 (A1), Aeneas_13 (A1), Agaliana_11 (A1), Ajay_11 (A1), Albee_11 (A4), Alberto7_12 (A4), Aldrich_12 (A1), Alsfro_15 (A1), Altman_12

(A1), Alvin_12 (A1), Amochick_5 (Q), Amymech_5 (Q), Annyong_11 (A4), Applejack_11 (A1), Arcanine_12 (A1), Arlo_10 (A1), Arturo_10 (A4), Atkinbua_12 (A1), AvatarAhPeg_11 (A4), Avle17_11 (A4), B1_09 (A3), BK1_09 (A1), BPBiebs31_12 (A1), Baby16_11 (A4), BabyJohn_10 (A3), BabyRay_11 (A3), Backyardigan_11 (A4), BaconJack_13 (A1), Badger_11 (A4), BangNhom_10 (A4), Barriga_11 (A1), BarrowTuph_10 (A1), Bartimeaus_11 (A4), BeesKnees_12 (A1), BellusTerra_11 (A4), BigPaolini_12 (A1), Bigchungi_11 (A1), Bigfoot_10 (A1), BillKnuckles_12 (A1), Bircsak_11 (A1), Blackflame_11 (A1), Blackmoor_11 (A4), Blesser_11 (A1), BloominB_5 (Q), BluSpix_11 (A1), BlueBird_12 (A3), Blue_11 (A1), Bob3_10 (A1), Bombshell_11 (A4), Bones_11 (A1), Briton15_13 (A1), Broseidon_11 (A4), Bruiser_11 (A4), BubbleTrouble_11 (A4), Bugatti_11 (A3), Bumblebee11_11 (A4), Burger_10 (A4), Buttons_12 (A1), Bxb1_10 (A1), CactusRose_10 (A1), Caelakin_11 (A4), Camperdownii_10 (A4), Carlyle_13 (A1), CatBus_12 (A1), Caviar_12 (A3), CentreCat_11 (A4), Cerulean_11 (A4), ChampagnePapi_11 (A4), Chanagan_10 (A1), Chaph_11 (A4), Chiqui_10 (A3), ChristmasHams_11 (A1), Chupacabra_11 (A10), Ciao_11 (A1), Cici_11 (A4), Cindaradix_10 (A4), Cintron_11 (A4), Citius_11 (A4), Clammy_11 (A3), Clarenza_11 (A4), Cocoaberry_11 (A4), Commander_11 (A4), ConceptII_11 (A1), Connomayer_11 (A4), Corvo_11 (A1), Crispicous1_10 (A1), Cueylyss_11 (A1), DD5_12 (A1), Daegal_6 (Q), Datway_11 (A4), Deano_11 (A4), DeepSoil15_5 (Q), Dewey_5 (Q), Dexes_12 (A1), Dhanush_11 (A4), DirtDevil_12 (A1), DirtyDunning_11 (A4), DontArgue_10 (A10), Doom_11 (A1), DrFeelGood_10 (A1), Drake94_10 (A10), Dreamboat_12 (A1), DroogsArmy_12 (A7), DropBear_11 (A3), Druantia_11 (A4), Dulcie_10 (A1), Dussy_12 (A1), DustyMartin_14 (A10), Dynamix_12 (A1), Eagle_10 (A4), Eaglepride_12 (A10), Eapen_11 (A4), Edison31_11 (A10), Edtherson_12 (A1), Ein37_5 (Q), EnzoK_12 (A1), Eris_11 (A4), Eros_11 (A4), Espresso_11 (A1), EtoileNova_12 (A3), Euphoria_11 (A1), Eurydice_11 (A4), Eyeball_11 (A1), Fascinus_10 (A1), Florean_11 (A4), Flux_11 (A4), FlyCatcher_15 (A7), Forge_5 (Q), Forsytheast_10 (A1), Francis47_11 (A1), Fred313_11 (A3), Froghopper_12 (A1), Funston_11 (A4), GMonster_10 (A1), Gachnar_11 (A1), Gadost_11 (A4), Gancho_4 (Q), Gandalf20_12 (A1), Giles_5 (Q), Giroux_12 (A3), Gompeii16_11 (A1), Goose_11 (A10), Graduation_13 (A1), Gravaillia_5 (Q), GrecoEtereo_12 (A1), GroundGoblin_12 (A1), Gwendoluna_13 (A1), HH92_5 (Q), HINdeR_11 (A7), Hail_5 (Q), HamSlice_10 (A4), Hami1_13 (A1), HanShotFirst_11 (A1), Happiness_11 (A4), HarryOW_12 (A1), Heathen_11 (A3), HelDan_11 (A3), Hermia_13 (A1), HermioneGrange_12 (A1), Holli_11 (A4), Homines_11 (A1), Hookmount_12 (A3), Hope4ever_11 (A1), Houdini22_11 (A4), Huxley_11 (A4), ICleared_11 (A4), ILeeKay_13 (A1), Iceman_11 (A4), Ichabod_12 (A1), Idleandcovert_11 (A3), IgnatiusPatJac_10 (A1), Inyanga_10 (A1), Iqorha_10 (A1), Iracema64_11 (A4), Isca_11 (A3), JC27_13 (A1), JF2_11 (A3), JF4_11 (A3), JackSparrow_12 (A1), Jasper_12 (A1), Jaykayelowell_11 (A4), JetBlade_11 (A4), JoongJeon_11 (A4), Jorgensen_11 (A1), JuliaChild_13 (A1), KBG_12 (A1), KFPoly_11 (A4), KSSJEB_11 (A1), Kachowdy_11 (A3), Kampy_11 (A4), Kanely_12 (A1), Katalie136_11 (A4), KekoraPapaka_10 (A4), KikiBouba_13 (A1), Killigrew_9 (A1), Kimona_8 (A19), Kinbote_5 (Q), Kingmustik0402_11 (A4), KittenMittens_10 (A10), Koan_11 (A4), Koreni_10 (A4), Kratark_11 (A4), Kremtemulon_11 (A4), Kristoff_12 (A10), Kugel_12 (A1), KyMonks1A_13 (A1), Kyee_11 (A4), Kykar_9 (A1), LHTSCC_11 (A4), Lambert1_12 (A3), Lamina13_11 (A1), LappelDuVide_11 (A4), Lemur_11 (A4), Lesedi_10 (A1), Licorice_13 (A1), LilBib_12 (A1), LilHazelnut_5 (Q), LittleB_11 (A4), LittleGuy_11 (A4), LochMonster_11 (A4), Lockley_11 (A1), Lorenzo_11 (A4), Luna22_5 (Q), LunarLander_11 (A1), Lunsford_12 (A4), MA5_11 (A3), MK4_11 (A3), MPlant7149_10 (A1), Magnar_11 (A1), Magnito_10 (A1), Manatee_12 (A1), Marcell_11 (A1), Marchesa_11 (A3), Marchy_10 (A1), Marco3_11 (A1), Margo_12

(A3), Maroc7_10 (A1), Marsha_11 (A1), MaryBeth_11 (A1), Maverick_11 (A4), Maxo_11 (A4), Mayonnaise_11 (A4), Mazhar510_11 (A4), McGuire_12 (A1), McSinger_12 (A1), Medusa_11 (A4), MeeZee_11 (A4), Melvin_11 (A4), MetalQZJ_11 (A1), Michley_11 (A1), MilleFeuille_10 (A1), Miramae_11 (A4), Molly_12 (A1), Moose_10 (A1), Morpher26_11 (A4), MrGordo_11 (A1), Mryolo_10 (A1), Mule_11 (A1), Mundrea_11 (A4), NEHalo_11 (A1), Nebs_11 (A4), Nerujay_12 (A1), Nhonho_11 (A1), Noella_12 (A3), Noelle_11 (A4), Norbert_11 (A3), NorthStar_11 (A4), Norz_13 (A1), NotAPhaseMom_11 (A4), NovoPizza_3 (Q), Noxious_13 (A1), Nyxis_11 (A4), OBUpride_5 (Q), OKCentral2016_11 (A10), OKaNui_11 (A4), Obama12_11 (A4), Ohfah_11 (A4), Ohno789_10 (A1), Oogway_10 (A1), PP_21 (A7), PSullivan_13 (A1), PacerPaul_11 (A1), Palestino_11 (A4), Panamaxus_12 (A3), Papez_13 (A1), Paphu_10 (A1), Paraselene_10 (A1), Pari_12 (A1), Parliament_10 (A1), PascalRango_10 (A1), Payneful_11 (A1), PeaceMeal1_10 (A10), Peaches_11 (A4), Pelly_12 (A1), Pepe_12 (A1), Perplexer_11 (A4), Perseus_12 (A1), PeterPeter_11 (A4), Peterson_14 (A1), PetiteSangsue_11 (A4), Petruchio_11 (A1), Phacado_11 (A4), Phantastic_11 (A3), Phelipe_11 (A4), PherrisBueller_12 (A1), Phighter1804_11 (A4), Phontbonne_11 (A4), PhrostyMug_11 (A1), PinkPlastic_10 (A1), Pinto_13 (A1), Pipcraft_11 (A4), Pistachio_12 (A3), Pita2_13 (A1), Pocahontas_12 (A3), Polymorphads_11 (A4), Poompha_10 (A10), Popcicle_12 (A3), PowerRanger_11 (A1), ProMouse_10 (A1), Pumbaa_11 (A4), Puppet_11 (A1), Puppy_12 (A3), QTRlifeCrisis_11 (A1), QuinnKiro_11 (A3), Raid_11 (A1), Rajelicia_11 (A1), Rebeuca_12 (A10), Relief_11 (A4), ResDef_12 (A3), RhynO_12 (A10), Rhynn_11 (A1), RidgeCB_11 (A1), Ringer_11 (A1), RockieBear_10 (A4), Rockstar_11 (A3), Rohr_12 (A1), Roimos_11 (A3), Romney_11 (A4), Roosevelt_11 (A4), Rosa24_10 (A4), Rowdy_14 (A10), Ruin_11 (A4), Ruotula_10 (A1), STLscum_12 (A1), Sabertooth_11 (A4), Sagefire_12 (A1), Sandaddy_10 (A1), Sanya_10 (A1), SarFire_11 (A1), SaturnRing_11 (A3), Scamp_11 (A4), Scout_11 (A3), Scowl_12 (A1), Seabiscuit_13 (A1), Seanderson_12 (A1), SenorClean_11 (A4), Severus_10 (A10), Shaka_11 (A4), Shapes_14 (A10), Sheen_13 (A7), SheldonCooper_11 (A4), ShortQueendom_11 (A1), Shygu2_11 (A4), SkiPole_13 (A1), Slagathor_12 (A1), Smairt_12 (A1), Smeagol_12 (A1), Snazzy_9 (A1), Solon_11 (A1), Sorpresa_11 (A1), Sparxx_11 (A4), Spino_11 (A4), Squee_12 (A1), Stasia_12 (A4), SteMason_11 (A4), StewieG_10 (A1), Stink_11 (A4), Sultana_11 (A4), Sumter_10 (A1), Sunshine924_10 (A1), SwissCheese_11 (A1), Switzer_12 (A1), Swole_13 (A1), TNguyen7_11 (A3), Taquarus_11 (A4), Target_13 (A1), Tasp14_12 (A1), Teodoridan_9 (A1), Texage_11 (A3), Thanksgivukkah_11 (A4), TheloniousMonk_13 (A1), Thor_11 (A1), Timshel_12 (A7), TinaFeyge_11 (A4), Tinybot_10 (A4), TiroTheta9_11 (A4), Todacoro_12 (A3), Topanga_11 (A10), Topgun_11 (A1), Toro_14 (A7), Tote_13 (A1), Traft412_13 (A1), Trike_9 (A10), Tripl3t_12 (A1), Trouble_11 (A1), TroyPia_11 (A4), Turj99_10 (A1), Twister_11 (A10), TwoPeat_12 (A1), TygerBlood_11 (A4), U2_11 (A1), Ubuntu_5 (Q), Ulysses_10 (A4), Veracruz_11 (A3), WalterMcMickey_11 (A10), Wander_11 (A4), Watermelon_13 (A1), Webster2_5 (Q), Wheeler_11 (A1), Whitspit_12 (A1), Wilbur_11 (A4), Wile_11 (A4), Wilkins_11 (A1), Wishmaker_5 (Q), Wizard007_11 (A4), Xena_11 (A4), YoSam321_11 (A4), Zarafa_11 (A3), Zeeculate_10 (A1), Zephyr_11 (A1), Zeuska_12 (A1),

Start 103:
• Found in 295 of 3497 (8.4%) of genes in pham
• Manual Annotations of this start: 236 of 3060
• Called 90.8% of time when present
• Phage (with cluster) where this start called: 20ES_12 (A2), 40AC_15 (A17), AN3_12 (A2), AN9_15 (A2), ANI8_15 (A2), AbbyPaige_14 (A2), Acolyte_12 (A2), Adzzy_13

(A2), Agape74_14 (A2), Aliter_13 (A9), Alma_13 (A9), Anaysia_14 (A15), Aneem_12 (A11), AnnaL29_15 (A2), Anon_12 (A15), Anselm_12 (A2), ArcherNM_14 (A2), Arissanae_11 (A9), Artemis2UCLA_15 (A6), BABullseye_15 (A6), BabyBack_14 (A2), Bachome_12 (A11), Bactobuster_13 (A2), Baehexic_13 (A2), Battleship_15 (A15), Bellris_10 (A9), BengiVuitton_13 (A2), BennyP_15 (A6), Benvolio_12 (A2), BiancaTri92_14 (A2), BlessJoy_15 (A6), Blinn1_15 (A6), Blue7_15 (A6), BobSwaget_15 (A2), BogosyJay_13 (A9), Boohoo_14 (A15), Bowtie_12 (A11), Bradman_11 (A2), Bud_12 (A11), Bugsy_14 (A2), C3_10 (A2), CRB1_12 (A2), Candra_15 (A6), Caraxes_11 (A2), Centaur_14 (A2), Changeling_15 (A2), Chargerpower_12 (A22), Chartreuse_15 (A6), Che12_13 (A2), ChipMunk_14 (A2), CloudWang3_15 (A6), CogOmlette_10 (A9), Colin_16 (A2), Cookiedough_15 (A6), Crucio_12 (A2), D29_13 (A2), D32_15 (A2), DBQu4n_15 (A2), DaVinci_15 (A6), Dalmatian_12 (A2), Darrell_14 (A9), DarthPhader_13 (A12), DeerParkTS_13 (A2), DekHockey33_14 (A15), Deloris_13 (A2), DelvinSonDorr_14 (A6), Dignity_14 (A2), Dorothea_15 (A6), Drake55_14 (A2), DudeLittle_12 (A2), Duplo_15 (A2), EZMoney23_16 (A2), EagleEye_14 (A16), Ebony_12 (A11), Echild_12 (A2), Eidsmoe_13 (A9), Elephantoon_13 (A9), Elle_12 (A15), Epsocamisio_14 (A15), Equemioh13_14 (A2), EricB_15 (A6), Et2Brutus_11 (A11), EvilGenius_14 (A2), Fameo_12 (A2), Fayely_13 (A9), Fibonacci_12 (A11), FiringLine_12 (A2), First_0012 (A2), Flare16_12 (A2), Flaverint_12 (A11), ForesterFrank_13 (A2), Gail_11 (A14), Garak_16 (A6), GaugeLDP_14 (A2), Georgie2_13 (A2), Gilberta_12 (A11), Gladiator_15 (A6), Gratitude_13 (A2), GreedyLawyer_15 (A6), Gruunaga_15 (A6), Hammer_15 (A6), HarryHoudini_14 (A2), Heffalump_14 (A2), Helmet_15 (A6), Herbertwm_10 (A2), Hexamo_15 (A6), HippoHollow_13 (A2), Hoot_15 (A6), HortumSL17_13 (A9), Hutc2_12 (A11), Indra_15 (A6), Insomnia_12 (A11), IronMan_14 (A2), Isiphiwo_15 (A6), Iwokeuplikedis_12 (A2), JSwag_14 (A15), Jaan_15 (A2), Jabith_12 (A11), Jeeves_11 (A14), Jeffabunny_15 (A6), Jerm_14 (A2), JewelBug_15 (A6), Jordennis_15 (A6), Joselito_12 (A11), JoshKayV_14 (A2), Journey13_10 (A2), Jsquared_11 (A2), Kalpine_15 (A2), KatherineG_14 (A15), Kazan_15 (A6), Kerberos_15 (A2), Keziacharles14_11 (A9), Kimba_12 (A11), KingCyrus_14 (A2), Kipper29_15 (A6), Koduck_13 (A2), Koko_15 (A6), L5_13 (A2), LadyBird_12 (A2), Landor_13 (A2), Larenn_13 (A2), LastResort_14 (A15), Leogania_14 (A2), Leviathan_14 (A2), LilTurb_14 (A2), Lilbunny_15 (A6), LionsBait_13 (A2), LogiBear_15 (A15), Lokk_15 (A2), Looper_15 (A15), Loser_15 (A2), Luchador_12 (A14), Lucivia_12 (A11), Lucyedi_13 (A16), MaCh_12 (A11), Mabel_12 (A11), MajorMajor_11 (A2), Malec_13 (A2), Maminiaina_13 (A9), McFly_15 (A6), MiculUcigas_12 (A2), Miko_15 (A2), MinecraftSteve_15 (A15), Minispark_10 (A9), MissWhite_12 (A2), Mulciber_12 (A11), Munch_12 (A11), Myxus_13 (A9), NaSiaTalie_12 (A2), Naji_15 (A2), Nebulosus_14 (A15), Nedarya_13 (A15), Neeharika16_15 (A6), Newrala_15 (A6), NicoleTera_16 (A2), NothingSpecial_14 (A2), Odin_11 (A2), Oofda_14 (A15), Orange_12 (A11), PackMan_13 (A9), PainterBoy_13 (A16), Petersenfast_11 (A11), Ph8s_13 (A2), Phaded_15 (A2), Pharaoh_12 (A12), Piro94_13 (A2), Pmask_15 (A6), Polyphemus_15 (A6), Pomar16_15 (A2), Power_12 (A2), Priamo_15 (A6), Priya_13 (A9), Prudy_14 (A2), Pukovnik_14 (A2), QueenB2_12 (A2), QueenBeesly_12 (A2), Quokka_10 (A2), Rachaly_15 (A2), Rahalelujah_11 (A9), Ravana_14 (A15), ReMo_14 (A15), RedRock_15 (A2), Refuge_15 (A12), Remus_14 (A15), Retro23_12 (A2), Rifter_15 (A6), Roksolana_15 (A6), Rosalind_14 (A15), Salz_12 (A11), Saskia_11 (A11), SemperFi_14 (A2), Serenity_11 (A2), Sham4_12 (A11), ShayRa_15 (A15), Sknot_12 (A2), Smeagan_14 (A2), SmellyB_15 (A6), SnapTap_12 (A2), Snape_12 (A11), SororFago_11 (A14), Soups_14 (A15), Spouty_13 (A9), StarStuff_15 (A2), Steamy_13 (A12), Strosahl_14 (A15), Sunhee_11 (A14), SuperAwesome_15 (A6), SuperCallie99_15 (A6), Superchunk_11 (A2), SweetiePie_12 (A2), SwirlSquare_13

(A2), Switzerland_14 (A15), TarsusIV_12 (A2), Temprado_15 (A6), Terrific_16 (A2), Timothy_12 (A11), TinyTimmy_12 (A11), TipsytheTRex_11 (A2), Toaka_11 (A9), Tomathan_15 (A2), ToneTone_14 (A6), Travvers_15 (A2), Tristan_13 (A2), Trixie_15 (A2), Trooper_12 (A2), Tubs_13 (A9), Tucker_15 (A6), Turbido_14 (A2), Ugenie5_10 (A9), Updawg_14 (A2), VA6_12 (A2), VC3_15 (A2), Vanisoa_11 (A9), VohminGhazi_15 (A6), Waits_14 (A15), Warrior24_14 (A15), WeiHuaDA_18 (A2), Whabigail7_14 (A2), WideWale_14 (A2), Wiks_15 (A6), Wolpertinger_11 (A11), WorldCup_10 (A9), WunderPhul_15 (A6), XianYue_12 (A2), Yokurt_15 (A6), Zaka_15 (A6), Zimmer_14 (A12), Zulu_15 (A6),

Start 104:
• Found in 1 of 3497 (0.0%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Finkle_2 (singleton),

Start 105:
• Found in 107 of 3497 (3.1%) of genes in pham
• Manual Annotations of this start: 85 of 3060
• Called 86.0% of time when present
• Phage (with cluster) where this start called: ACFishhook_13 (A3), Aglet_13 (A3), AgronaGT15_13 (A3), Anubis_15 (A3), AugsMagnumOpus_15 (A3), Beauxregard13_13 (A3), Bigflo_13 (A3), BreSam8_13 (A3), BuzzBuzz_12 (A3), Bxz2_13 (A3), Calvinny_14 (A3), ClownCar_14 (A3), Colbster_13 (A3), Croquant_14 (A3), Cullens_13 (A3), DaHudson_13 (A3), Daishi_12 (A3), Dieselweasel_13 (A3), EpicPhail_13 (A3), Farber_13 (A3), Fernando_13 (A3), Gemma_13 (A3), GingkoMaracino_13 (A3), Grif_13 (A3), Groupthink_14 (A3), Grub_13 (A3), Grum1_13 (A3), GtownJaz_13 (A3), Gwennie_12 (A3), HashRod_14 (A3), HaveUMetTed_14 (A3), Heliosoles_13 (A3), Hercules11_13 (A3), JHC117_13 (A3), JenCasNa_13 (A3), JeppNRM_14 (A3), Jobu08_13 (A3), KADY_14 (A3), Kalb97_14 (A3), Kalnoky_14 (A3), LBerry_13 (A3), LarryKay_13 (A3), Lilith_13 (A3), Louie6_13 (A3), Lowa_13 (A3), LugYA_15 (A3), MadMarie_13 (A3), Mainiac_13 (A3), Malinsilva_15 (A3), Manu_14 (A3), MarQuardt_13 (A3), Marie_13 (A3), Marius_14 (A3), Methuselah_13 (A3), Microwolf_13 (A3), Millski_11 (A4), Misomonster_15 (A3), MoneyMay_13 (A3), Montavir_12 (A3), Morrow_11 (A4), MuchMore_15 (A3), OlanP_13 (A3), Ollie_13 (A3), P28Green_13 (A3), PGHhamlin_15 (A3), Pawn_13 (A3), Pembroke_13 (A3), Penny1_13 (A3), PhishRPhriends_12 (A3), Phoebe_13 (A3), Phoxy_13 (A3), Phranny_14 (A3), PotatoSplit_14 (A3), PurpleHaze_13 (A3), Reba_14 (A3), Rummer_13 (A3), Sabia_13 (A3), Sabinator_13 (A3), Snickers_13 (A3), SoYo_13 (A3), SoilDragon_13 (A3), Soshari_15 (A3), Spike509_13 (A3), Stagni_13 (A3), StepMih_13 (A3), Taurus_13 (A3), Tiffany_13 (A3), TinyPebbles_13 (A3), Vix_13 (A3), Watson_13 (A3), Wooldri_15 (A3), Zetzy_12 (A3),

Start 107:
• Found in 37 of 3497 (1.1%) of genes in pham
• Manual Annotations of this start: 35 of 3060
• Called 97.3% of time when present
• Phage (with cluster) where this start called: Alatin_8 (CA), Alpacados_7 (CA), AngryOrchard_7 (CA), AppleCloud_6 (CA), Belenaria_8 (CA), Bonanza_8 (CA), Bradshaw_8 (CA), Bryce_8 (CA), CosmicSans_8 (CA), Dinger_8 (CA), Erik_8 (CA), Espica_8 (CA), Gollum_8 (CA), Harlequin_8 (CA), Hiro_8 (CA), Jester_8 (CA), Krishelle_8 (CA), Lillie_8 (CA), Naiad_8 (CA), Nancinator_8 (CA), Natosaleda_8 (CA), Partridge_8 (CA), PhailMary_7 (CA), Phrankenstein_8 (CA), RER2_1 (CA),

Rasputin_8 (CA), RexFury_8 (CA), Rhodalysa_8 (CA), Shuman_8 (CA), StCroix_8 (CA), Swann_8 (CA), TWAMP_8 (CA), Takoda_8 (CA), UhSalsa_8 (CA), Yogi_8 (CA), Yoncess_8 (CA),

Start 108:
• Found in 10 of 3497 (0.3%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 20.0% of time when present
• Phage (with cluster) where this start called: Anthony_11 (A20), FatCactus_10 (A20),

Start 109:
• Found in 7 of 3497 (0.2%) of genes in pham
• No Manual Annotations of this start.
• Called 14.3% of time when present
• Phage (with cluster) where this start called: Kinmap_11 (A21),

Start 110:
• Found in 33 of 3497 (0.9%) of genes in pham
• Manual Annotations of this start: 24 of 3060
• Called 72.7% of time when present
• Phage (with cluster) where this start called: Acme_13 (A1), BigMau_13 (A1), Bruns_10 (A1), Burton_12 (A1), DreamCatcher_14 (A1), Fajezeel_13 (A1), Fushigi_12 (A1), GageAP_13 (A1), Greg_13 (A1), Gyzlar_13 (A1), Jerm2_12 (A1), Kenmech_14 (A1), Marge_12 (A1), Monet_13 (A1), Museum_13 (A1), Niza_13 (A1), PattyP_13 (A1), Pippin_13 (A1), Rubeus_12 (A1), Rufus_12 (A1), Rutherferd_13 (A1), Sibs6_13 (A1), SpikeBT_13 (A1), Treddle_13 (A1),

Start 113:
• Found in 77 of 3497 (2.2%) of genes in pham
• Manual Annotations of this start: 11 of 3060
• Called 15.6% of time when present
• Phage (with cluster) where this start called: BeardedLady_7 (BD1), EnochSoames_7 (BD1), Esperer_6 (BD1), Jash_7 (BD1), Leviticus_6 (BD1), Lorelei_6 (BD1), MyraDee_9 (A18), Ozzie_6 (BD1), Rusticus_7 (BD1), SunsetPointe_6 (BD1), Toma_6 (BD1), Unstoppable_6 (BD1),

Start 115:
• Found in 44 of 3497 (1.3%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 4.5% of time when present
• Phage (with cluster) where this start called: 32HC_3 (Z), Rem711_3 (Z),

Start 117:
• Found in 45 of 3497 (1.3%) of genes in pham
• Manual Annotations of this start: 10 of 3060
• Called 35.6% of time when present
• Phage (with cluster) where this start called: Ayanochan_14 (A9), Catalina_13 (A9), Celestialunch_12 (A9), Charm_12 (A9), Conquerage_13 (A9), DreamTeam1_12 (A9), EdogawaKiddo_11 (A9), ExplosioNervosa_13 (A9), Klodlith_12 (A9), LoneWolf_13 (A9), Onglai_12 (A9), Phaeder_13 (A9), Pioneer_13 (A9), Sachima_11 (A9), SheaKeira_12 (A9), Yecey3_12 (A9),

Start 119:

• Found in 18 of 3497 (0.5%) of genes in pham
• Manual Annotations of this start: 2 of 3060
• Called 11.1% of time when present
• Phage (with cluster) where this start called: CarolAnn_2 (CV), Petra_2 (CV),

Start 121:
• Found in 80 of 3497 (2.3%) of genes in pham
• Manual Annotations of this start: 5 of 3060
• Called 11.2% of time when present
• Phage (with cluster) where this start called: Beemo_13 (A9), EmyBug_13 (A9), Hanray_12 (A9), Holex_12 (A9), Lilleskat_11 (A9), Phonnegut_13 (A9), Qobbit_13 (A9), RyeScarlet_14 (A9), Scherzo_13 (A9),

Start 122:
• Found in 14 of 3497 (0.4%) of genes in pham
• Manual Annotations of this start: 14 of 3060
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Barnstormer_2 (EH), Caron_2 (EH), Cen1621_2 (EH), Floof_2 (EH), Forester_2 (EH), GardenState_2 (EH), Gretchen_2 (EH), IAmGroot_2 (EH), Mabodamaca_2 (EH), Percival_2 (EH), SuMoo_2 (EH), SuperHands_2 (EH), UtzChips_2 (EH), Zeta1847_2 (EH),

Start 124:
• Found in 249 of 3497 (7.1%) of genes in pham
• Manual Annotations of this start: 46 of 3060
• Called 24.9% of time when present
• Phage (with cluster) where this start called: AEgle_2 (AZ1), AGrandiflora_2 (AZ1), Adumb2043_2 (AZ1), AinMach_2 (AZ7), Amploria_2 (AZ1), Amyev_2 (AZ1), Asa16_2 (AZ1), Ascela_2 (AZ1), Berrie_2 (AZ1), Cassia_2 (AZ1), Community_3 (AZ1), Crewmate_3 (AZ1), Cyan_2 (AZ1), DrSierra_2 (AZ1), Elezi_2 (AZ1), Eraser_2 (AZ1), Exile_2 (AZ6), Flutur_2 (AZ), IUFootball_2 (AZ2), Iter_2 (AZ1), IttyBittyPiggy_2 (AZ1), Janeemi_3 (AZ1), Joemato_2 (AZ1), JohnDoe_2 (AZ1), Jstan_2 (AZ1), JuneStar_2 (AZ1), Kaylissa_2 (AZ1), Lego_2 (AZ1), Liebe_2 (AZ2), Lizalica_2 (AZ1), London_2 (AZ1), MaGuCo_2 (AZ2), Maureen_2 (AZ2), Michkear_5 (AZ), Mudpuppy_2 (AZ1), Nemo27_11 (A4), Niobe_2 (AZ1), Nitro_2 (AZ1), ObiToo_2 (AZ1), Phives_3 (AZ1), Pixelle_2 (AZ1), Powerpuff_2 (AZ1), Pumpkins_2 (AZ1), Schaffner_2 (AZ1), Simpson_2 (AZ1), Skelbel_2 (AZ1), Snek_3 (AZ3), Soondubu_2 (AZ6), Subaru_2 (AZ1), Tallboi_2 (AZ1), Tbone_2 (AZ1), TforTroy_2 (AZ1), ThursdayNight_2 (AZ), Tian_2 (AZ1), Tuck_3 (AZ1), Turab_2 (AZ1), Tutumahutu_2 (AZ1), Tweety19_3 (AZ3), Warda_2 (AZ1), Wildwest_3 (AZ1), Yang_2 (AZ1), YesChef_2 (AZ1),

Start 125:
• Found in 3 of 3497 (0.1%) of genes in pham
• No Manual Annotations of this start.
• Called 33.3% of time when present
• Phage (with cluster) where this start called: TPA4_2 (singleton),

Start 128:
• Found in 22 of 3497 (0.6%) of genes in pham
• Manual Annotations of this start: 7 of 3060
• Called 40.9% of time when present
• Phage (with cluster) where this start called: Adolin_2 (AZ1), DrManhattan_2 (AZ1), KeAlii_2 (AZ1), MissSwiss_2 (AZ1), PandaPo_2 (AZ1), Reedo_2 (AZ1), Sue2_2

(AZ1), Tailonex_9 (singleton), VResidence_2 (AZ1),

Start 129:
• Found in 1 of 3497 (0.0%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Gallia_20 (singleton),

Start 131:
• Found in 8 of 3497 (0.2%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 12.5% of time when present
• Phage (with cluster) where this start called: Avocado_2 (G2),

Start 133:
• Found in 14 of 3497 (0.4%) of genes in pham
• Manual Annotations of this start: 3 of 3060
• Called 28.6% of time when present
• Phage (with cluster) where this start called: Banquo_11 (CU1), Dardanus_9 (CU3), Gsput1_5 (CU2), TinaLin_10 (CU1),

Start 135:
• Found in 1 of 3497 (0.0%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Honk_2 (EH),

Start 136:
• Found in 8 of 3497 (0.2%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 25.0% of time when present
• Phage (with cluster) where this start called: Eyoseyas_2 (AN), Ximeno_2 (AN),

Start 137:
• Found in 13 of 3497 (0.4%) of genes in pham
• Manual Annotations of this start: 4 of 3060
• Called 46.2% of time when present
• Phage (with cluster) where this start called: Jecs_2 (DB), MagicMan_2 (DB), Opie_2 (DB), Schnabeltier_2 (DB), TaronosaurasRx_2 (DB), ZAYM_2 (DB),

Start 138:
• Found in 160 of 3497 (4.6%) of genes in pham
• Manual Annotations of this start: 120 of 3060
• Called 90.6% of time when present
• Phage (with cluster) where this start called: Acquire49_4 (L1), Appletree2_4 (L1), Archie_4 (L2), Arib1_2 (P1), Atcoo_2 (P1), AvadaKedavra_4 (L1), Baoshan_3 (L2), Bartholomew_2 (P1), Bazzle_4 (L2), Bellis_5 (L3), Bhagsy_2 (P1), BigCheese_4 (L2), BigNuz_2 (P4), BobsGarage_4 (L2), Bogie_2 (P1), BourbonZero_4 (L3), BrainDrainer_4 (L4), Breezona_4 (L2), Bromden_4 (L4), BronnyJr_2 (P1), Brusacoram_2 (P1), Bunnies_2 (P1), CactusJack_2 (P1), Camster_2 (P1), Chaser_4 (L4), Chubbello_2 (P1), ChutneyChips_4 (L4), Claus_4 (L2), Clautastrophe_5 (L3), Crossroads_4 (L2), DHan_4 (L2), DirkDirk_4 (L1), Donovan_2 (P1), Douge_4 (L4), Douzhi_4 (L4), DrSeegs_4 (L2), DuncansLeg_5 (L3), Dynamo_2 (P1), DyoEdafos_5

(L4), Ellson_5 (L3), Enceladus_4 (L1), Etoile_2 (P1), Faith1_4 (L2), FarmResident_4 (L4), Finemlucis_4 (L2), Finnry_5 (L3), FirstPlacePfu_2 (P1), Fishburne_2 (P1), Gabriela_4 (L2), GaloreK_2 (P1), Gardann_4 (L2), Gavriela_2 (P1), Glaske_2 (P1), GreaseLightnin_2 (P1), GuuelaD_4 (L2), HUHilltop_2 (P1), Hafay_4 (L2), Halena_4 (L1), Itos_4 (L2), Jebeks_2 (P1), Jobypre_5 (L3), Jubie_5 (L3), Jung_2 (P1), Juniormint_2 (P1), Kahlid_4 (L2), Kari_2 (P1), KilKor_2 (P1), Kingsolomon_5 (L3), KirDoubleO7_3 (L3), Kropertea_4 (L4), Krypton555_5 (L3), Ksquared_2 (P1), Langerak_2 (P1), Lewan_4 (L2), LilDestine_4 (L2), LiyuLake_5 (L3), Loadrie_4 (L2), Lolly9_5 (L3), Lumos_5 (L3), Lynnae_4 (L2), MAckerman_4 (L1), Majeke_2 (P1), Malithi_2 (P1), Mangethe_2 (P1), Megiddo_2 (P1), Miley16_4 (L2), MiniLon_5 (L3), MiniMac_5 (L3), MkaliMitinis3_4 (L2), Moostard_5 (L3), MsGreen_5 (L3), Nazo_2 (P4), Necropolis_2 (P1), Netyap_4 (L2), Nicholas_5 (L3), Nicholasp3_4 (L2), OverPar_4 (L2), PYPDinur_4 (L4), PeanutPie_2 (P1), Phalm_2 (P1), Phayonce_2 (P5), Phegasus_2 (P1), Phineas_2 (P1), Polkaroo_2 (P1), Purky_2 (P6), Pygmy_2 (P1), Quby_4 (L4), Red305_5 (L3), Rose5_4 (L1), Rossetti_4 (L2), Rumpelstiltskin_4 (L2), Samty_5 (L3), Sarshaun_4 (L2), Sheng711_4 (L4), Shipwreck_2 (P1), Silverleaf_4 (L1), Snenia_5 (L3), SoJulia_4 (L2), Soap141_4 (L2), Sonah_2 (P1), StevieRay_2 (P1), StressBall_2 (P1), Techage_2 (P1), Thespis_2 (P1), ThulaThula_2 (P5), Tortellini_2 (P2), Tourach_4 (L2), TriFive_5 (L3), Tyson_4 (L1), Underpass_4 (L2), Venti_2 (P1), Vetrix_4 (L2), Vidya_2 (P1), Wamburgrxpress_4 (L1), Whirlwind_6 (L3), Wigglewiggle_4 (L2), Wilder_4 (L2), Willsammy_2 (P1), Winky_4 (L2), Wyatt2_4 (L1), Xavia_2 (P3), Zakai_4 (L2), Zaria_4 (L1), ZhongYanYuan_3 (L2), Zilizebeth_2 (P1),

Start 139:
• Found in 4 of 3497 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Attoomi_3 (singleton), GMA4_2 (singleton),

Start 141:
• Found in 7 of 3497 (0.2%) of genes in pham
• Manual Annotations of this start: 2 of 3060
• Called 28.6% of time when present
• Phage (with cluster) where this start called: Apricot_2 (DN3), Root_4 (JC),

Start 142:
• Found in 100 of 3497 (2.9%) of genes in pham
• Manual Annotations of this start: 6 of 3060
• Called 8.0% of time when present
• Phage (with cluster) where this start called: Calm_4 (L1), CicholasNage_4 (L1), DanBing_3 (L2), JoeDirt_4 (L1), LeBron_4 (L1), OhShagHennessy_4 (L1), Poochiewood_4 (L1), UPIE_4 (L1),

Start 143:
• Found in 29 of 3497 (0.8%) of genes in pham
• Manual Annotations of this start: 16 of 3060
• Called 55.2% of time when present
• Phage (with cluster) where this start called: Ashes_2 (AZ5), Beaupre_2 (AZ5), Cappuccino_2 (AZ5), Donkey_2 (AZ5), Gambol_2 (AZ5), Giorgio_2 (AZ5), Gumpizza_2 (AZ5), Halsey_2 (AZ5), Kalimba_2 (AZ5), Moss_2 (AZ5), Mysterium_2 (AZ5), RockScotty_2 (AZ5), Sabourin_2 (AZ5), Sooty_2 (AZ5), SpecialK_2 (AZ5),

Stuu_2 (AZ5),

Start 145:
• Found in 94 of 3497 (2.7%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 1.1% of time when present
• Phage (with cluster) where this start called: Juicebox_3 (singleton),

Start 146:
• Found in 12 of 3497 (0.3%) of genes in pham
• Manual Annotations of this start: 2 of 3060
• Called 16.7% of time when present
• Phage (with cluster) where this start called: Modragons_2 (F1), Schmidt_5 (CU4),

Start 147:
• Found in 30 of 3497 (0.9%) of genes in pham
• No Manual Annotations of this start.
• Called 3.3% of time when present
• Phage (with cluster) where this start called: Phlei_8 (A13),

Start 148:
• Found in 28 of 3497 (0.8%) of genes in pham
• Manual Annotations of this start: 26 of 3060
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Abscondus_29 (CQ1), Aphelion_30 (CQ1), Bachita_32 (CQ1), Bantam_12 (DL), BrutonGaster_18 (CQ2), Cardigan_30 (DD), ClubL_30 (CQ1), Cucurbita_32 (CQ1), Culver_30 (CQ1), Daredevil_12 (DL), DatBoi_13 (DL), Dusty_29 (CQ1), Engineer_31 (CQ1), Geeche_29 (CQ1), Kumao_13 (singleton), Lozinak_30 (CQ1), Miskis_28 (CQ1), Mollymur_13 (DL), Norvs_31 (CQ1), OneUp_24 (CQ2), PhinkBoden_30 (CQ1), Samy_5 (singleton), Smoothie_31 (CQ1), SpeedDemon_130 (DL), Toniann_30 (CQ1), Towmatter_11 (DL), WilliamBoone_30 (CQ1), Yvonnetastic_28 (DD),

Start 151:
• Found in 63 of 3497 (1.8%) of genes in pham
• Manual Annotations of this start: 55 of 3060
• Called 93.7% of time when present
• Phage (with cluster) where this start called: Adora_2 (CZ4), Annalisa_3 (CZ4), Attis_2 (CZ2), BaxterFox_2 (CZ3), Beenie_3 (CZ4), Bjanes7_2 (CZ2), Catfish_6 (CU5), Clap_2 (CZ2), Clark_3 (CZ4), Cynthia_2 (CZ2), Denise_2 (CZ5), DobbysSock_2 (CZ4), Dolores_3 (CZ4), Dorito_2 (CZ4), Easley_3 (CZ4), Ebert_2 (CZ2), EdnaMode_2 (CZ2), FroggyToad_2 (CZ2), GemG_2 (CZ2), Gizermo_2 (CZ2), Haley23_2 (CZ2), Hortense_2 (CZ4), Howe_2 (CZ4), Invectra_3 (CZ4), JCole_2 (CZ2), Jalleen_2 (CZ2), Lamberg_2 (CZ2), LordFarquaad_2 (CZ2), Matteo_2 (CZ2), MichaelScott_3 (CZ4), Mocha12_2 (CZ2), Nettuno_2 (CZ2), Ohgeesy_2 (CZ), Oregano_2 (CZ4), PantheRoc_2 (CZ3), PhriskyACE_2 (CZ4), Pickett_2 (CZ2), Powerball_2 (CZ4), Rizz_4 (CZ4), Sahara_2 (CZ2), Samman98_3 (CZ4), Savage_2 (CZ2), Sekhmet_3 (CZ4), Shlim410_2 (CZ4), Sidious_2 (CZ7), SoilAssassin_2 (CZ2), Sproutie_2 (CZ2), Suerte_2 (CZ4), Thimann_3 (CZ4), TuertoX_2 (CZ2), Tuti_3 (CZ4), Twinkle_2 (CZ4), Vasanti_2 (CZ2), Whack_2 (singleton), Whiteclaw_2 (CZ2), WinkNick_3 (CZ4), Yeet412_2 (CZ2), Yeezy_2 (CZ3), Yinzer_2 (CZ2),

Start 152:

• Found in 25 of 3497 (0.7%) of genes in pham
• Manual Annotations of this start: 15 of 3060
• Called 72.0% of time when present
• Phage (with cluster) where this start called: Azrael100_25 (V), Babsiella_2 (I1), Bluvara_2 (I3), Brujita_2 (I1), Cosmo_26 (V), EniyanLRS_23 (V), Fury_33 (CR5), HC_02 (I1), HomeFry_30 (CR5), Hum25_2 (FQ1), Island3_2 (I1), MaryV_26 (V), PaintedDog_2 (I1), Pleakley_33 (CR5), QueenHazel_2 (I1), Scuba_33 (CR5), Wildcat_26 (V), Xula_2 (I1),

Start 153:
• Found in 36 of 3497 (1.0%) of genes in pham
• Manual Annotations of this start: 15 of 3060
• Called 44.4% of time when present
• Phage (with cluster) where this start called: Arti_24 (CR2), Emianna_24 (CR2), Evanesce_5 (Q), Foxboro_25 (CR2), GTE8_13 (CR2), GrootJr_26 (CR2), Hadrien_5 (Q), Jifall16_23 (CR2), KidneyBean_24 (CR2), Kurt_24 (CR2), Luke_5 (Q), NatB6_24 (CR2), NovumRegina_24 (CR2), Phomeo_23 (CR2), Tracker_24 (CR2), Wheezy_24 (CR2),

Start 155:
• Found in 255 of 3497 (7.3%) of genes in pham
• Manual Annotations of this start: 202 of 3060
• Called 85.9% of time when present
• Phage (with cluster) where this start called: Akhila_3 (F1), Apiary_28 (CR6), ArcusAngelus_2 (F1), Ardmore_2 (F1), Aubs_2 (F1), AuntGwenStacy_9 (Y), Batiatus_2 (F1), BiPauneto_27 (CR4), Bipolar_2 (F1), Bipper_9 (Y), Blexus_2 (F1), BlueCrab_2 (F1), BodEinwohner17_2 (F1), Bonum_27 (CR2), Braxoaddie_28 (CR6), Brocalys_2 (F1), Bubbles123_2 (F1), Buggaboo_25 (CR2), Burwell21_2 (F1), ByChance_2 (F1), Cabrinians_2 (F1), CaptainTrips_3 (F1), Che8_2 (F1), Cheesepuff_2 (F1), Chevrolet_2 (F1), Chuckly_2 (F1), Clank_2 (F), Clifton_2 (F1), CoffeeBean_28 (CR6), Commandaria_26 (CR2), Corium_2 (F1), Cracklewink_9 (Y), Crumble_2 (F1), DLane_2 (F1), DRBy19_2 (F1), DaddyRickover_2 (F1), Daenerys_2 (F1), Dalilpop_29 (CR1), Dante_2 (F1), DeadP_2 (F1), Deb65_2 (F1), DillTech15_2 (F1), DoRead_2 (F1), Donkeykong_2 (F1), Doomphist_2 (F1), Dorothy_2 (F1), DotProduct_2 (F1), Doug_2 (F1), Eish_2 (F1), EleanorGeorge_2 (F1), EmiMonkey_2 (F1), Emma_2 (F1), Empress_2 (F1), Ennea_30 (CR3), Eradicator_2 (F1), Estave1_2 (F1), Faiyaz_9 (Y), Fastidio_2 (F1), Filuzino_2 (F1), Firehouse51_2 (F1), Flapper_28 (CR1), Float294_26 (CR3), Florinda_2 (F1), FreddyB_2 (F1), Fruitloop_2 (F1), GAL1_4 (singleton), GRU1_terL (CR1), GTE5_terL (CR1), GUmbie_2 (F1), Gagieri_28 (CR6), Galactic_2 (F1), Gandalph_2 (F1), Geralt_2 (F1), GigiOuiOui_2 (F1), Girr_2 (F1), Gorge_2 (F1), Grimmer_3 (F1), Guppsters_2 (F1), Hades_2 (F1), Hamulus_2 (F1), Harley_2 (F1), Hilltopfarm_9 (Y), Hlubikazi_2 (F1), HubbaBubba_22 (CR4), IDyn_25 (CR4), IMpilo_2 (F1), IbOuu_2 (F1), Ibhubesi_2 (F1), Inventum_2 (F1), IrishSherpFalk_2 (F1), James_2 (F1), Jant_2 (F1), Jarcob_2 (F1), Jinglebell_2 (F1), JoeyJr_2 (F1), Juniper1_2 (F1), Karhdo_2 (F1), Kenuha5_2 (F1), Kersh_2 (F1), KingJulian_2 (F1), KingMidas_2 (F1), Koella_2 (F1), Krakatau_3 (F1), KristaRAM_3 (F1), LastJedi_2 (F1), Latretium_2 (F1), Leperchaun_2 (F1), LilMoolah_2 (F1), Lizziana_2 (F1), Llama_2 (F1), Llij_2 (F1), Lollipop1437_29 (CR3), LunaBlu_2 (F1), MacGully_32 (CR7), MadMen_2 (F1), Mahavrat_2 (F1), Mandlovu_2 (F1), Mantra_2 (F1), Maravista_2 (F1), Marietta_26 (CR4), Martik_2 (F1), Maselop_28 (CR6), Mattes_2 (F1), Medindi_2 (F1), Melissauren88_2 (F1), MerCougar_25 (CR2), MilanaBonita_3 (F1), MilleniumForce_3 (F1), MinionDave_3 (F1), Minnie_2 (F1), MisterCuddles_2 (F1), Moonbeam_2 (F1), Ms6_2 (F1), MulchSalad_2 (F7),

Mutaforma13_2 (F1), NadineRae_24 (CR4), NewHope4_2 (F1), Nimbo_2 (F1), Nitzel_3 (F1), Nivrat_2 (F1), NormanBulbieJr_2 (F1), Ochi17_2 (F1), Okabe_4 (F8), OldBen_2 (F1), OlympiaSaint_2 (F1), Outis_25 (CR2), Ovechkin_2 (F1), PHappiness_2 (F1), PMC_2 (F1), Pacc40_2 (F1), Patio_27 (CR3), PatoPoderoso_2 (F1), Pemberton_27 (CR4), Phalconet_2 (F1), Phanphagia_2 (F1), Phasih_2 (F1), Phatniss_2 (F1), PhesterPhotato_2 (F1), Philus_2 (F1), PhlipPhlop_2 (F1), Pippy_2 (F1), Poenanya_2 (F1), Polka14_2 (F1), Polyyuki_28 (CR6), PopTart_2 (F1), Priscilla_2 (F1), QuickMath_2 (F1), Radiance_2 (F1), RedBird_2 (F1), RedRaider_31 (CR3), RitaG_2 (F1), Rita_2 (F1), Rockne_2 (F1), Royals2015_2 (F1), Ruby_2 (F1), SG4_2 (F1), Saal_2 (F1), Sabbb_2 (F1), Sandalphon_2 (F1), Sassafras_2 (F1), SassyB_2 (F1), Scottish_2 (F1), Shauna1_2 (F1), ShiLan_2 (F1), ShowerHandel_2 (F1), ShroomBoi_2 (F1), SiSi_2 (F1), Skysand_26 (CR3), Sparkdehlily_2 (F1), Spartacus_2 (F1), Spoonbill_2 (F1), StAnnes_2 (F1), StarStruck_25 (CR2), Strokeseat_2 (F1), Sukkupi_26 (CR4), SuperGrey_2 (F1), SuperSulley_25 (CR2), SwagPigglett_2 (F1), TDanisky_2 (F1), Taj_2 (F1), Topiatin_4 (F1), Turuncu_28 (CR1), Tweety_2 (F1), Typha_9 (Y), VRedHorse_2 (F1), Veteran_2 (F1), Violac_2 (F1), Vivum_2 (F1), Wachhund_2 (F1), Wee_2 (F1), Whatsapiecost_2 (F1), WhoseManz_26 (CR4), Whouxphf_2 (F1), WillSterrel_2 (F1), XFactor_2 (F1), Yndexa_26 (CR4), Yorick_2 (F1), Zerg_2 (F1), Zizzle_2 (F1),

Start 157:
• Found in 8 of 3497 (0.2%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 12.5% of time when present
• Phage (with cluster) where this start called: Ibantik_67 (singleton),

Start 161:
• Found in 104 of 3497 (3.0%) of genes in pham
• Manual Annotations of this start: 29 of 3060
• Called 34.6% of time when present
• Phage (with cluster) where this start called: Antsirabe_2 (G5), CLED96_2 (G1), Camri_2 (G1), Cloudyecho_2 (G3), DMoney_2 (G1), DNAIII_002 (G1), Darionha_2 (G1), DingDing_2 (G1), FlagStaff_2 (G2), ForeverHowLong_2 (G1), Frosty24_2 (G1), Gideon_2 (G1), GodSpeed_2 (G2), Jolie2_2 (G4), Kabluna_27 (CR2), Lemuria_2 (G4), MOOREtheMARYer_2 (G3), MZKinsey_2 (G1), Marmie_2 (G1), Mercurio_3 (G4), Mowgli_2 (G1), Neoh_2 (G), NosilaM_27 (CR2), Pace1224_2 (G2), PinkYoshi_2 (G1), Plagueis_2 (G1), Rattrick_2 (G1), Remy19_2 (G1), Ruriko_2 (G1), Schiebel_2 (G1), Sizemore_2 (G1), Stargaze_2 (G5), TinaBug_2 (G1), Wendigo_2 (G1), YangYin_2 (G5), Zombie_2 (G1),

Start 162:
• Found in 5 of 3497 (0.1%) of genes in pham
• Manual Annotations of this start: 4 of 3060
• Called 80.0% of time when present
• Phage (with cluster) where this start called: Arianna_3 (EO), Colleen_3 (EO), Poushou_3 (EO), TouchMeNot_3 (EO),

Start 164:
• Found in 2 of 3497 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 100.0% of time when present
• Phage (with cluster) where this start called: CheeseSpider_2 (CV), JuJu_2 (CV),

Start 165:
• Found in 202 of 3497 (5.8%) of genes in pham
• Manual Annotations of this start: 76 of 3060
• Called 38.1% of time when present
• Phage (with cluster) where this start called: Albanese_5 (AK), Aledel_2 (AK), AppleCider_5 (AK), BackstagePass_2 (DB), Beethoven_5 (AK), Bennie_2 (AK), BigMack_2 (AK), Bodacious_2 (AK), CallieOMalley_5 (AK), Canowicakte_5 (AK), Carpal_5 (AK), ChewChew_2 (AK), Cholula_5 (AK), Chridison_2 (AK), Christian_2 (AK), CristinaYang_2 (AK), Daiboju_2 (AK), Dino_5 (AK), DrRobert_2 (AK), DreamTeam_2 (AK), EstebanJulior_2 (AK), Eunoia_2 (AK), Fluke_5 (AK), Gisselle_2 (AK), Glenn_5 (AK), GreenHearts_5 (AK), Greenhouse_5 (AK), HeadNerd_2 (AK), Herb_2 (AK), Huckleberry_2 (AK), HunterDalle_2 (AK), Huntingdon_5 (AK), Immaculata_5 (AK), Joann_5 (AK), KingBob_2 (AK), Kittykat_2 (AK), Korra_5 (AK), Lasagna_2 (AK), Lennox_2 (AK), LilStuart_2 (AK), Litotes_5 (AK), Lucy_2 (AK), Makoto_2 (AK), MamaPearl_2 (AK), Maria1952_2 (AK), MeganNoll_5 (AK), Moki_2 (AK), MrGloopy_5 (AK), Nancia_2 (AK), Nubia_5 (AK), OMalley_2 (AK), OurGirlNessie_2 (AK), Oxynfrius_5 (AK), PartyCup_5 (AK), PitaDog_2 (AK), Potatoes_5 (AK), Preamble_2 (AK), Pterodactyl_2 (AK), Pumancara_2 (AK), RAP15_5 (AK), RcigaStruga_5 (AK), Riovina_2 (AK), Riverdale_5 (AK), Rozby_5 (AK), Savage2526_5 (AK), Sergei_2 (AK), Supakev_2 (AK), Suppi_5 (AK), TattModd_5 (AK), Temper16_2 (AK), Urla_2 (AK), Vallejo_5 (AK), Vulture_2 (AK), Wawa_5 (AK), Wayne_5 (AK), WonderBoy_2 (AK), Zorro_5 (AK),

Start 167:
• Found in 25 of 3497 (0.7%) of genes in pham
• Manual Annotations of this start: 9 of 3060
• Called 40.0% of time when present
• Phage (with cluster) where this start called: Button_5 (CT), GiKK_7 (CT), Hexbug_5 (CT), Jamzy_7 (CT), Margaret_7 (CT), Nodigi_5 (CT), Orla_5 (CT), RanchParmCat_7 (CT), SPB78_2 (BA), Yakult_5 (CT),

Start 170:
• Found in 138 of 3497 (3.9%) of genes in pham
• Manual Annotations of this start: 103 of 3060
• Called 94.2% of time when present
• Phage (with cluster) where this start called: 8UZL_5 (AB), Agatha_4 (CT), AikoCarson_3 (CT), Amok_3 (CT), AndPeggy_3 (CT), Auspice_14 (M1), Axym_4 (CT), Azira_6 (CT), Aziz_18 (M2), Balloona_3 (CT), Bavilard_4 (CT), BearBQ_2 (DN), Beelzebub_39 (S), BigChungus_3 (CT), BillDoor_6 (CT), Birdsong_2 (DN), Biskit_5 (CT), Blackbeetle_35 (S), Blondies_5 (CT), Bongo_14 (M1), Bricole_14 (M1), Bubble_4 (CT), Burnsey_4 (CT), Buttrmlkdreams_4 (CT), CanesSauce_4 (CT), Caprice_32 (S), CaramelLatte_4 (CT), Carsonalex_5 (CT), CherryonLim_5 (CT), ChickenTender_6 (CT), ChocoMunchkin_4 (CT), Clarkson_36 (S), Cleo_4 (CT), CocoaPuff_3 (CT), Corazon_33 (S), Cornie_2 (F5), Cozz_4 (CT), Crater_2 (DN3), Diminimus_15 (M1), Dre3_4 (CT), Dulcita_15 (M1), Elinal_5 (CT), Eliott_4 (CT), Emalyn_3 (CT), Estes_19 (M2), FF47_05 (AB), Feastonyeet_3 (CT), FeliMaine_37 (S), FreakyGoo_15 (M1), Fribs8_5 (CT), GTE2_02 (CT), GardenSalsa_18 (M2), Gattaca_34 (S), GenevaB15_18 (M2), Gibbous_4 (CT), Glaske16_15 (M1), GoldHunter_5 (CT), GoongGoong_34 (S), HippoPololi_6 (CT), Horseradish_5 (CT), Huphlepuff_37 (S), IPhane7_14 (M1), Izel_15 (M1), JacoRen57_2 (AB), JoieB_36 (S), KayGee_4 (CT), KleverKiS_14 (M1), Kuwabara_2 (DN4), Lauer_3 (CT), Lilbit_34 (S), LilhomieP_13 (M1), LittleLaf_35 (S), LongHai_6 (AB), MAnor_4 (CT), MScarn_6 (CT), MaVan_6 (CT), Maco6_3 (AB), Malvina_6 (CT), Marvin_33 (S), Mayweather_5

(CT), McDazzle_3 (CT), MortyNRick_2 (DN), MosMoris_33 (S), MrMagoo_18 (M2), Muddy_5 (AB), MunkgeeRoachy_4 (CT), Nanosmite_18 (M3), Nibbles_6 (CT), Nina_4 (CT), NoShow_2 (AB), PegLeg_14 (M1), Poise_35 (S), Pons_4 (CT), PotPie_4 (CT), Pringar_35 (S), PsychoKiller_4 (CT), Quasar_4 (CT), RADical_5 (CT), RSchmailzl_5 (CT), Raela_35 (S), RedBaron_6 (CT), RedRaider77_35 (S), Reindeer_12 (M1), RoseMarie_14 (M1), Salvus_6 (AB), SketchMex_3 (CT), Skinny_15 (M1), SlimJimmy_13 (M1), Socotra_5 (CT), Sopespian_4 (CT), Starburst_5 (CT), SteamedHams_6 (CT), SummitAcademy_3 (CT), Survivors_6 (CT), SweatNTears_6 (CT), Tarnish_4 (CT), Tesla_34 (S), Tolls_6 (CT), TpudiCK_15 (M1), Troje_4 (CT), TyDawg_14 (M1), Typhonomachy_4 (CT), VasuNzinga_35 (S), Vine_5 (CT), Wallaby_7 (CT), Wolfwood_6 (CT), Yarn_3 (CT), Yucky_4 (CT), Yummy_5 (CT), Zareef_6 (CT),

Start 171:
• Found in 78 of 3497 (2.2%) of genes in pham
• Manual Annotations of this start: 16 of 3060
• Called 20.5% of time when present
• Phage (with cluster) where this start called: Anekin_2 (AY), Antrice_3 (AS2), Atlantica_2 (AS3), Basilisk_3 (AS1), Brynnie_3 (AS1), Coral_3 (AS2), Cygnet_3 (AS2), HamCheese_2 (AS3), LittleTokyo_3 (AS2), Lunar_4 (AS2), MUWow_2 (AY), Mapleville_2 (AY), Melons_4 (AS2), Phrank15_2 (AY), Polka_3 (AS2), Zhuangyuan_4 (AS2),

Start 173:
• Found in 51 of 3497 (1.5%) of genes in pham
• Manual Annotations of this start: 36 of 3060
• Called 74.5% of time when present
• Phage (with cluster) where this start called: Archis_2 (CV), Azula_2 (CV), Barco_2 (CV), Begonia_2 (CV), BlingBling_2 (CV), Blino_2 (CV), Blueberry_2 (CV), CaptainKirk2_2 (CV), Delian_2 (CV), Fenry_2 (CV), Frokostdame_2 (CV), Gambino_2 (CV), Guacamole_2 (CV), Hitter_2 (CV), Jalammah_2 (CV), JasperJr_2 (CV), KappaFarmDelta_2 (CV), Lysidious_2 (CV), Malachai_2 (CV), Melba_2 (CV), Mellie_2 (CV), MintFen_2 (CV), MissRona_2 (CV), Murp_2 (CV), Obliviate_2 (CV), PhrostedPhlake_2 (CV), Pipp_2 (CV), Rey_18 (M2), Samba_2 (CV), Soilmate_2 (CV), UmaThurman_2 (CV), Utz_2 (CV), Walrus_2 (CV), Wisp_2 (CV), Wocket_2 (CV), Zarbodnamra_2 (CV), ZiggyZoo_2 (CV), Zilla_2 (CV),

Start 175:
• Found in 15 of 3497 (0.4%) of genes in pham
• Manual Annotations of this start: 2 of 3060
• Called 13.3% of time when present
• Phage (with cluster) where this start called: Spooks_49 (BT), Success_50 (BT),

Start 176:
• Found in 248 of 3497 (7.1%) of genes in pham
• Manual Annotations of this start: 3 of 3060
• Called 1.6% of time when present
• Phage (with cluster) where this start called: AlpineSix_2 (F1), Nichirin_2 (F1), OfUltron_2 (F1), Seabastian_2 (F1),

Start 177:
• Found in 1 of 3497 (0.0%) of genes in pham
• Manual Annotations of this start: 1 of 3060

• Called 100.0% of time when present
• Phage (with cluster) where this start called: Kromp_2 (singleton),

Start 179:
• Found in 23 of 3497 (0.7%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 4.3% of time when present
• Phage (with cluster) where this start called: SerialPhiller_2 (AN),

Start 180:
• Found in 2 of 3497 (0.1%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Gallop_2 (ES), Spartan_2 (ES),

Start 181:
• Found in 34 of 3497 (1.0%) of genes in pham
• Manual Annotations of this start: 17 of 3060
• Called 58.8% of time when present
• Phage (with cluster) where this start called: Alkhayr_31 (O), Ashwin_32 (O), Dylan_30 (O), Familton_31 (O), Idergollasper_30 (O), Imara_29 (O), JangDynasty_30 (O), Krili_30 (O), Mori_30 (O), NiebruSaylor_30 (O), Ryadel_33 (O), SchoolBus_30 (O), Shida_31 (O), Smooch_33 (O), TelAviv_28 (O), Vagabond_31 (O), Wildflower_31 (O), Winget_31 (O), Wogge42_30 (O), YoyoKar_29 (O),

Start 184:
• Found in 34 of 3497 (1.0%) of genes in pham
• Manual Annotations of this start: 14 of 3060
• Called 41.2% of time when present
• Phage (with cluster) where this start called: Blessica_31 (O), Bora_28 (O), Catdawg_30 (O), Corndog_32 (O), Firecracker_31 (O), FoulBall_30 (O), KingPhillip3_30 (O), MadKillah_32 (O), Murai_31 (O), Schuy_32 (O), Vorrps_30 (O), YungJamal_33 (O), Zakhe101_31 (O), Zebo_30 (O),

Start 185:
• Found in 28 of 3497 (0.8%) of genes in pham
• Manual Annotations of this start: 14 of 3060
• Called 82.1% of time when present
• Phage (with cluster) where this start called: BBQValindra_2 (DB), Bowser_2 (DB), Bunker_2 (DB), CarefulCloud_2 (ER), Chipko_2 (DB), Coriander_2 (DB), CyranoPS_2 (ER), DirtyBoi_2 (DB), Dmitri_2 (DB), Doggs_2 (DB), Eyes_2 (DB), Flashwig_2 (ER), GEazy_2 (DB), HannahD_2 (DB), Hedwig_2 (DB), HorseRider_2 (ER), Jalloh_2 (ER), Kiko_2 (DB), Moonflower_2 (DB), NaLuna_2 (DB), PatriciaStar_2 (DB), RayTheFireFly_2 (DB), TailX7_2 (ER),

Start 188:
• Found in 17 of 3497 (0.5%) of genes in pham
• No Manual Annotations of this start.
• Called 5.9% of time when present
• Phage (with cluster) where this start called: Mbo4_2 (singleton),

Start 189:
• Found in 1 of 3497 (0.0%) of genes in pham

• Manual Annotations of this start: 1 of 3060
• Called 100.0% of time when present
• Phage (with cluster) where this start called: ChewyVIII_38 (singleton),

Start 190:
• Found in 21 of 3497 (0.6%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 9.5% of time when present
• Phage (with cluster) where this start called: Halloweekend_4 (FF), Yonex_6 (FF),

Start 191:
• Found in 10 of 3497 (0.3%) of genes in pham
• Manual Annotations of this start: 4 of 3060
• Called 40.0% of time when present
• Phage (with cluster) where this start called: Arielagos_2 (AN), FirePit_2 (AN), Kels_2 (AN), StrawberryLem_2 (AN),

Start 193:
• Found in 28 of 3497 (0.8%) of genes in pham
• Manual Annotations of this start: 21 of 3060
• Called 92.9% of time when present
• Phage (with cluster) where this start called: AdoptaAdorbs_2 (AS3), AlexMinion_2 (AS3), AmiCi24_2 (AS3), Amphitrite_2 (AS3), Andrew_3 (AS3), Azaz_2 (AS3), Babushka_2 (AS3), Camara_2 (AS3), DanHam62_2 (AS3), Fairfaxidum_2 (CV), Fingolfin_2 (AS3), Glotell_2 (AS3), Juno112_2 (AS3), KHumphrey_2 (AS3), Laphuphu24k_2 (AS3), Leona_2 (AS3), Oppalora_2 (AS3), PCoral7_2 (CV), PhluffyCoco_2 (AS3), PrincePatrick_2 (CV), Rattail_2 (AS3), RedFox_2 (AS3), Renna12_3 (AS3), StuartMinion_2 (AS3), Toast_2 (CV), William_2 (CV),

Start 195:
• Found in 1 of 3497 (0.0%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 100.0% of time when present
• Phage (with cluster) where this start called: LisoBros_2 (FP),

Start 197:
• Found in 10 of 3497 (0.3%) of genes in pham
• Manual Annotations of this start: 3 of 3060
• Called 30.0% of time when present
• Phage (with cluster) where this start called: Atraxa_3 (AX), LilSpotty_2 (singleton), Sputnik_3 (AX),

Start 198:
• Found in 29 of 3497 (0.8%) of genes in pham
• Manual Annotations of this start: 4 of 3060
• Called 13.8% of time when present
• Phage (with cluster) where this start called: BaileyBlu_2 (FP), CallinAllBarbz_2 (FP), GrimEater_2 (FP), Jankie_2 (FP),

Start 201:
• Found in 11 of 3497 (0.3%) of genes in pham
• Manual Annotations of this start: 6 of 3060
• Called 90.9% of time when present

• Phage (with cluster) where this start called: ArchiDore_2 (DW), Dubu_2 (BJ), DumpsterDude_2 (DW), MakCheese_2 (DW), Malibo_2 (DW), Penoan_4 (UNK), Ruthy_2 (DW), Sprinklemunch_2 (DW), Zodiariah_2 (DW), phiSASD1_22 (BJ),

Start 202:
• Found in 44 of 3497 (1.3%) of genes in pham
• Manual Annotations of this start: 39 of 3060
• Called 93.2% of time when present
• Phage (with cluster) where this start called: Altostratus_2 (FS), Arby_4 (AN), Azathoth_4 (AN), Blair_4 (AN), CGermain_4 (AN), Chestnut_4 (AN), Copper_4 (AN), Courtney3_4 (AN), Decurro_4 (AN), Dewayne_4 (AN), ElectricPheel_5 (AN), Elkhorn_4 (AN), Guntur_4 (AN), Hunnie_4 (AN), Inspire2_4 (AN), Jessica_5 (AN), Khuang_2 (FS), KylieMac_5 (AN), Laila_5 (AN), Link_4 (AN), Lore_4 (AN), LouisXIV_4 (AN), Maggie_4 (AN), Mariposa_4 (AN), Massimo_4 (AN), Moloch_4 (AN), Muttlie_4 (AN), Prospero_4 (AN), Ronnie_4 (AN), Sandman_4 (AN), Saphira_4 (AN), Seume_4 (AN), Sourignavong_5 (AN), StewieGriff_4 (AN), Stratus_4 (AN), Swenson_4 (AN), Taj14_4 (AN), TinoCrisci_4 (AN), Toulouse_3 (AN), TymAbreu_4 (AN), Yank_4 (AN),

Start 204:
• Found in 52 of 3497 (1.5%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 3.8% of time when present
• Phage (with cluster) where this start called: Sleepyhead_2 (singleton), Vinye_4 (AN),

Start 205:
• Found in 20 of 3497 (0.6%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 5.0% of time when present
• Phage (with cluster) where this start called: Elfy_2 (FP),

Start 206:
• Found in 17 of 3497 (0.5%) of genes in pham
• Manual Annotations of this start: 13 of 3060
• Called 94.1% of time when present
• Phage (with cluster) where this start called: Aoka_3 (FO), DearBasketball_2 (DY), DinoNuggs_3 (DY), DonkeyMan_2 (DY), EvenBluerMoon_3 (FO), Heinz_2 (DY), Hereford_4 (FO), Hibiscus_2 (DY), JanetJ_3 (FO), Jojo24_2 (DY), Maja_2 (FO), Morrey_4 (FO), PrairieDogTown_3 (FO), Reyja_3 (DY), Santhid_2 (DY), Tarzan_2 (DY),

Start 207:
• Found in 39 of 3497 (1.1%) of genes in pham
• Manual Annotations of this start: 6 of 3060
• Called 15.4% of time when present
• Phage (with cluster) where this start called: DinoDaryn_9 (CU1), Goib_8 (CU1), Huffy_9 (CU1), Splinter_7 (CU1), TZGordon_9 (CU1), Vendetta_7 (CU1),

Start 208:
• Found in 36 of 3497 (1.0%) of genes in pham
• Manual Annotations of this start: 5 of 3060
• Called 13.9% of time when present

• Phage (with cluster) where this start called: Agamotto_6 (FR), Audell_7 (FR), LastNadiia_7 (FR), TMaxx_4 (FR), TripleC_7 (FR),

Start 209:
• Found in 28 of 3497 (0.8%) of genes in pham
• Manual Annotations of this start: 22 of 3060
• Called 89.3% of time when present
• Phage (with cluster) where this start called: AllBusiness_5 (FF), BigSherm_6 (FF), CocoCinnamon_5 (FO), Cole_4 (FF), Dirtdigger_5 (FF), Donatella_5 (FF), Elesar_5 (FF), GoodLuckBabe_6 (FF), Guinevere_6 (FF), Gusanita_4 (FF), Ichiang_4 (FF), IsHungry_6 (FF), Julie_6 (FF), Kihatsu_7 (FF), Lenoxika_6 (FF), MillySue_6 (FF), Nandita_6 (FF), Popper_4 (FF), QuinnAvery_6 (FF), Ryan_6 (FF), Saintcarr_5 (FF), Schism_6 (FF), ToastyOats_7 (FF), Toodles_5 (FF), Zaheer_6 (FF),

Start 211:
• Found in 19 of 3497 (0.5%) of genes in pham
• Manual Annotations of this start: 13 of 3060
• Called 100.0% of time when present
• Phage (with cluster) where this start called: AnnabelLee_4 (FR), Applejacks_2 (CD), CardboardBox_4 (FR), ChamoyPickle_4 (FR), ChipsNGuac_4 (FR), Ezurina_3 (FR), Gerri43_4 (FR), Gustav_2 (CD), Mahdia_2 (CD), Makima_5 (FR), Mireles_4 (FR), Morrissey_2 (CD), Neuvillette_4 (FR), Puppers_2 (CD), Roberts_4 (FR), Studio_4 (FR), Trine_2 (CD), Upyo_2 (CD), Widow_2 (CD),

Start 216:
• Found in 2 of 3497 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Darwin_15 (EN),

Start 217:
• Found in 276 of 3497 (7.9%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 1.1% of time when present
• Phage (with cluster) where this start called: Byougenkin_2 (F1), Jennelsea_2 (F1), Mwanjiwa_2 (F1),

Start 218:
• Found in 18 of 3497 (0.5%) of genes in pham
• Manual Annotations of this start: 8 of 3060
• Called 44.4% of time when present
• Phage (with cluster) where this start called: Adelaide_2 (EP), Bran_2 (EP), CurlyFries_6 (CF), Dina_2 (EP), Madraxi_10 (CF), RegnumDei_6 (CF), Shagrat_8 (CF), Stiles_2 (EP),

Start 220:
• Found in 23 of 3497 (0.7%) of genes in pham
• Manual Annotations of this start: 6 of 3060
• Called 26.1% of time when present
• Phage (with cluster) where this start called: Dismas_3 (EB), Kieran_3 (EB), Lederberg_2 (EP), SamW_2 (EP), StAB_2 (EP), Troy_2 (EP),

Start 223:

• Found in 10 of 3497 (0.3%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 30.0% of time when present
• Phage (with cluster) where this start called: Jflix2_8 (CF), REQ1_66 (CF), SFuller_9 (CF),

Start 225:
• Found in 120 of 3497 (3.4%) of genes in pham
• Manual Annotations of this start: 84 of 3060
• Called 77.5% of time when present
• Phage (with cluster) where this start called: Abigail_3 (EB), Akino08_3 (EB), Albedo_3 (EB), Albright_3 (EB), Anatole_3 (BV), AnnaLie_4 (EB), Armstrong_2 (EB), Arroyo_4 (EB), AvGardian_3 (EB), Avocadoman_3 (EB), AylexOG_4 (EB), B3_3 (BV), BAjuniper_3 (EB), BabyDaisy_4 (EB), BabyYoda_3 (EB), Bachaco_3 (EB), BelmontSKP_4 (EB), Bengal_3 (EB), Bernstein_2 (EB), Brahms_2 (EB), BubbaBear_3 (EB), Buldak_3 (EB), Burritobowl_3 (EB), CanFranMach_3 (EB), Cashington_3 (EB), Celaena_3 (EB), ChiliPepper_3 (EB), Clayda5_2 (EB), CliffHanger_4 (EB), Coltrane_2 (EB), CroZenni_3 (EB), CupcakePrincess_3 (EB), DickRichards_3 (EB), Didgeridoo_4 (EB), DirtyBubble_3 (EB), Doobus_3 (EB), E1_3 (BV), Eden_2 (EB), Elva_4 (EB), Eula_3 (EB), Finalfrontier_4 (EB), FlameThrower_3 (EB), Franklin22_2 (EB), Gack_2 (EB), Icarian_4 (EB), InLimbo_2 (DH), IndyLu_3 (EB), Jabb_3 (EB), Johnathan_3 (EB), Jovita_3 (EB), Kamdara_3 (EB), Kate33_3 (EB), Katzastrophic_3 (EB), Kenzers_3 (EB), Lahqtemish_3 (EB), Lilo27_3 (EB), LimaBean_3 (EB), Loviatar_3 (EB), Lucky10_2 (DH), Lynlen_3 (EB), Milomuff_4 (EB), MsUbiquitous_3 (EB), Nicky22_4 (EB), Olliecat_3 (EB), PastaFagioli_3 (EB), Pecas_3 (EB), PhigPhack_3 (EB), Phisb_3 (EB), PondAmelia_5 (EB), QMacho_4 (EB), Quenya_4 (EB), Rollins_2 (EB), Rona_3 (EB), SanaSana_4 (EB), SansAfet_3 (EB), SarBear_3 (EB), Sbash_2 (I2), Sharkboy_3 (EB), Shayna_2 (EB), SirBeanington_3 (EB), Skylord_2 (EB), Slay_3 (EB), Softsoap_3 (EB), Solea_4 (EB), Squircle_3 (EB), Stoor_3 (EB), Stromboli_3 (EB), SunnyD_2 (EB), Swervy_3 (EB), Teagster_2 (EB), TukTuk_3 (EB), Vitas_2 (EB), WalkingDead_3 (EB),

Start 227:
• Found in 50 of 3497 (1.4%) of genes in pham
• Manual Annotations of this start: 25 of 3060
• Called 54.0% of time when present
• Phage (with cluster) where this start called: Aggie_2 (N), Andies_2 (N), Bosection6_2 (N), Chewbacca_2 (N), Cubone_1 (N), EGUnicorn_2 (N), Fulbright_2 (N), Impisi_2 (N), Jamie19_2 (N), Kevin1_2 (N), Nenae_2 (N), Panchino_2 (N), Parmesanjohn_2 (N), PhancyPhin_2 (N), Philonius_2 (N), Phrann_2 (N), Pipsqueaks_2 (N), Raymond7_2 (N), Rebel_2 (N), Rubeelu_2 (N), Schnauzer_2 (N), Silvafighter_2 (N), SkinnyPete_2 (N), SpongeBob_2 (N), Tortoise12_2 (N), Xeno_2 (N), Xerxes_2 (N),

Start 228:
• Found in 60 of 3497 (1.7%) of genes in pham
• Manual Annotations of this start: 40 of 3060
• Called 90.0% of time when present
• Phage (with cluster) where this start called: ATCC29399BC_2 (BU), ATCC29399BT_2 (BU), Aquarius_2 (BU), Attacne_2 (BU), BruceLethal_2 (BU), Cota_2 (BU), DrParker_2 (BU), Enochoraptor_2 (BU), Enoki_2 (BU), Keiki_2 (BU), Kubed_2 (BU), Lauchelly_2 (BU), Leviosa_2 (BU), LilBandit_2 (BU), MEAK_2 (BU), Moyashi_2 (BU), MrAK_2 (BU), Ouroboros_2 (BU), P1.1_2 (BU), P100.1_2 (BU),

P100A_2 (BU), P100D_2 (BU), P101A_2 (BU), P104A_2 (BU), P105_2 (BU), P106A_2 (BU), P107A_2 (BU), P107C_2 (BU), P108C_2 (BU), P14.4_2 (BU), P9.1_2 (BU), PA6_2 (BU), PAD20_2 (BU), PAS50_2 (BU), PFR1_02 (BX), PFR2_02 (BX), PHL010M04_02 (BU), PHL037M02_02 (BU), PHL060L00_02 (BU), PHL067M10_02 (BU), PHL071N05_02 (BU), PHL111M01_02 (BU), PHL112N00_02 (BU), PHL113M01_02 (BU), PHL114L00_02 (BU), Pirate_2 (BU), Procrass1_2 (BU), QueenBey_2 (BU), Rileysaurus_2 (BU), SKKY_2 (BU), Solid_2 (BU), Stormborn_2 (BU), Supernova_2 (BU), Wizzo_2 (BU),

Start 230:
• Found in 201 of 3497 (5.7%) of genes in pham
• Manual Annotations of this start: 31 of 3060
• Called 17.4% of time when present
• Phage (with cluster) where this start called: Butters_2 (N), Carcharodon_2 (N), Charlie_2 (N), Duplicity_2 (N), Gex_2 (N), Hanako_2 (N), IdentityCrisis_2 (AJ), Journey_2 (N), Kudefre_12 (DU1), LilJank_12 (DU2), Magsby_2 (N), Melville_2 (N), MichelleMyBell_2 (N), Min1_37 (singleton), Neville_12 (DU2), Octobien14_13 (DU1), P3MA_3 (singleton), Phloss_2 (N), Purgamenstris_2 (N), Rabbitrun_14 (DU2), Redi_2 (N), Scitech_2 (N), Sephiroth_13 (DU1), ShrimpFriedEgg_2 (N), Shweta_2 (N), Silvy_2 (N), Smurph_2 (N), Snekmaggedon_2 (N), Spinach_2 (N), Syleon_13 (DU1), TBond007_7 (K3), Tapioca_2 (N), Tessdabest_1 (N), Trax_12 (DU2), Yuna_8 (K6),

Start 231:
• Found in 1 of 3497 (0.0%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Eyre_2 (singleton),

Start 232:
• Found in 156 of 3497 (4.5%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 1.3% of time when present
• Phage (with cluster) where this start called: ElJefes_3 (CT), SheckWes_3 (CT),

Start 233:
• Found in 21 of 3497 (0.6%) of genes in pham
• Manual Annotations of this start: 12 of 3060
• Called 85.7% of time when present
• Phage (with cluster) where this start called: Ariel_9 (J), Bobby_11 (J), BronnyJames_6 (J), Courthouse_10 (J), Gonephishing_10 (J), Hannaconda_7 (J), KashFlow_4 (J), Klein_10 (J), Lucky2013_10 (J), MiaZeal_10 (J), Nekros_8 (J), Nibley_6 (J), Porcelain_10 (J), Rearden_7 (J), Shaboozey_6 (J), Squint_10 (J), Superphikiman_10 (J), Wanda_10 (J),

Start 235:
• Found in 36 of 3497 (1.0%) of genes in pham
• Manual Annotations of this start: 7 of 3060
• Called 22.2% of time when present
• Phage (with cluster) where this start called: Alatato_2 (FB), B22_3 (BW), BrayBeast_2 (FB), Doucette_3 (BW), E6_3 (BW), G4_3 (BW), Gibbzilla_2 (FB), MooKitty_3 (AX),

Start 237:
• Found in 42 of 3497 (1.2%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 2.4% of time when present
• Phage (with cluster) where this start called: Kimchi1738_12 (EN),

Start 238:
• Found in 55 of 3497 (1.6%) of genes in pham
• Manual Annotations of this start: 22 of 3060
• Called 50.9% of time when present
• Phage (with cluster) where this start called: Abidatro_3 (AS1), Amanises_4 (AS1), Chickaboom_2 (AS1), Chicken_3 (AS1), Eesa_3 (AS1), Galaxy_3 (AS1), Gravel_4 (AS1), Jamun_3 (AS1), KendraB23_4 (AS1), Moosehead_2 (CZ6), Niblet_3 (AS1), OneDirection_2 (CZ6), Orcanus_3 (AS1), P104B_2 (BU), P106C_2 (BU), P106I_2 (BU), P106L_2 (BU), P106M_2 (BU), Pelletreau_4 (AS1), REQ2_02 (singleton), Ruchi_3 (AS1), Shen_4 (AS1), TaylorSipht_3 (AS1), Toad24_4 (AS1), Vulpecula_3 (AS1), Westrich_4 (AS1), WileyE_2 (AS1), Zixiang_3 (AS1),

Start 240:
• Found in 3 of 3497 (0.1%) of genes in pham
• Manual Annotations of this start: 3 of 3060
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Adaia_3 (AX), Che9c_2 (I2), Stuck_2 (I2),

Start 241:
• Found in 187 of 3497 (5.3%) of genes in pham
• No Manual Annotations of this start.
• Called 1.6% of time when present
• Phage (with cluster) where this start called: Jiawan_12 (A9), MegTheThird_11 (A9), VWB_2 (BA),

Start 244:
• Found in 3 of 3497 (0.1%) of genes in pham
• No Manual Annotations of this start.
• Called 66.7% of time when present
• Phage (with cluster) where this start called: Raya_2 (FQ2), Skyerus_2 (FQ2),

Start 247:
• Found in 401 of 3497 (11.5%) of genes in pham
• Manual Annotations of this start: 171 of 3060
• Called 46.4% of time when present
• Phage (with cluster) where this start called: ActinUp_8 (K1), Adephagia_8 (K1), Adonis_8 (K1), Ageofdapage_8 (K1), AlishaPH_8 (K1), Amelie_4 (K1), Amgine_6 (K6), Aminay_6 (K7), Amohnition_7 (K6), Anaya_9 (K1), Angelica_8 (K1), Anma_8 (K1), Apocalypse_8 (K1), Applecrisp_6 (K6), ArV2_02 (singleton), Asayake_8 (K1), Atiba_8 (K1), BEEST_8 (K1), BGlluviae_8 (K1), BaghaKamala_8 (K1), BarrelRoll_8 (K1), Beezoo_8 (K1), Bella96_8 (K1), Belladonna_8 (K1), Bern_8 (K1), Biglebops_4 (K1), Blizzard_8 (K1), BobaPhett_2 (F1), Boiiii_8 (K1), Boilgate_5 (K8), BoostSeason_4 (K2), Bryler_7 (K6), CREW_8 (K1), Cain_7 (K6), CallaLilly_8 (K1), Capricorn_8 (K1), CaseJules_8 (K1), Chancellor_9 (K4), Chavito_8 (K1), CheetoDust_8 (K1), Cheetobro_9 (K4), Chris_7 (K1), Clipper_8 (K1), CrimD_8 (K1), Curiosium_9 (K1), Dalmuri_8 (K1), DartGoblin_8 (K1), DarthP_7 (K6), Dartin_8 (K1),

Deby_8 (K1), Devera_8 (K1), DismalFunk_4 (K2), DismalStressor_4 (K2), Dole_8 (K1), Doughnut_4 (K2), DrHayes_8 (K1), Durfee_8 (K1), Efra2_8 (K1), Ekdilam_5 (K6), Ellie_5 (K6), Emerson_8 (K1), Enkosi_4 (K1), Enzomatic_2 (F1), Eponine_9 (K4), Fancypants_2 (F1), Fefferhead_7 (K6), Findley_4 (K2), Fionnbharth_9 (K4), Ganymede_8 (K1), Geraldini_8 (K1), Guanica15_8 (K1), Hammy_7 (K6), HedwigODU_8 (K1), Homura_8 (K1), Hurricane_7 (K3), Hyperbowlee_8 (K1), Illumine_8 (K1), Inky_8 (K1), JAWS_8 (K1), JF1_9 (K4), Jarvi_8 (K1), Jayhawk_8 (K1), Jeckyll_8 (K1), Joy99_8 (K1), Keshu_7 (K3), KiSi_7 (K1), Kraw_9 (K4), Krueger_7 (K6), Kuleana_3 (AS2), LastHope_8 (K1), LaterM_8 (K1), Lavahound_6 (K6), LeMond_7 (K1), Lea83_7 (K3), Lebo14_9 (K4), LilPharaoh_4 (K1), LindNT_8 (K1), Llorens_8 (K1), Lunahalos_8 (K1), MacKat_8 (K1), MacnCheese_8 (K3), Malthus_9 (K4), Marcoliusprime_4 (K2), MarkPhew_7 (K1), McMater_8 (K1), Mdavu_4 (K1), MeaningOfLife_8 (K1), Megsy_8 (K1), Milly_4 (K2), Mitti_9 (K4), Mufasa_4 (K2), Murucutumbu_8 (K1), Mynx_8 (K1), Nibb_7 (K1), Nikao_4 (K1), Niklas_8 (K1), November_6 (K6), Nutello_4 (K1), Oscar_7 (K1), Padfoot_8 (K1), Padpat_8 (K1), Peanam_8 (K1), Peel_8 (K1), Pharb_7 (K3), PhelpsODU_7 (K6), Phrank_7 (K6), Piatt_8 (K1), Pisa1_7 (K1), Pisa4_7 (K1), Pixie_7 (K3), Pokerus_7 (K1), Polo2Bam_2 (F1), Prithvi_8 (K1), QuincyRose_7 (K1), Ramen_8 (K1), Rapunzel97_8 (K1), Richo_8 (K1), Rosmarinus_8 (K1), Ruthiejr_8 (K4), SamuelLPlaqson_8 (K1), Scarlett_7 (K1), SeaLumen_2 (F1), SgtBeansprout_4 (K1), Shadow1_6 (K6), Shaobing_8 (K1), ShedlockHolmes_7 (K3), ShiaSurprise_8 (K1), SirPhilip_7 (K6), Slarp_9 (K4), Slimphazie_8 (K1), Spartoi_2 (singleton), Spock_8 (K1), Stinson_8 (K1), Strobilo_4 (K2), Sulley_8 (K1), Sunflower1121_6 (K6), Syra333_7 (K6), TClif_7 (K6), TM4_4 (K2), Tachez_8 (K1), TaiwanKao_8 (K1), Taquito_7 (K4), Teejan_4 (K1), Tierra_7 (K6), Tigress9_7 (K6), TingHuaYa_8 (K1), TiniBug_8 (K1), Tiri_8 (K1), Topper_8 (K1), Torres_4 (K1), TreyKay_8 (K1), TribleTrouble_6 (K3), Trice_4 (K1), TruffulaTree_8 (K1), Twitch_8 (K1), Unicorn_7 (K6), Urkel_8 (K1), Validus_8 (K1), Veliki_8 (K1), Wintermute_9 (K4), Ximenita_8 (K6), YoureAdopted_7 (K1), Yunkel11_8 (K1), Zabiza_8 (K1), Zavala_8 (K1), ZoeJ_4 (K2),

Start 249:
• Found in 133 of 3497 (3.8%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 0.8% of time when present
• Phage (with cluster) where this start called: BabeRuth_2 (N),

Start 250:
• Found in 345 of 3497 (9.9%) of genes in pham
• Manual Annotations of this start: 144 of 3060
• Called 42.9% of time when present
• Phage (with cluster) where this start called: Alucard_3 (EE), Anseraureola_3 (EE), Aries55_3 (EE), Astro16_3 (EE), Avvas_3 (EE), Azizam_3 (EE), Aztec_3 (EE), Baine_3 (EE), BarBear_3 (EE), Barebow_2 (singleton), Belthelas_3 (EE), BinkBonk_3 (EE), Bintii_3 (EE), Biscayne_3 (EE), Bodhi17_3 (EE), BonaeVitae_3 (EE), BoomRoasted_3 (EE), Bradley2_3 (EE), Bri160_3 (EE), BrokMonster_3 (EE), Bullzi2019_3 (EE), Burgy_3 (EE), BurtonThePup_3 (EE), Cayde6_3 (EE), Charbie_3 (EE), Chatham_3 (EE), Cheesecake_3 (EE), Ciel_3 (EE), Clownery_3 (EE), Concrete_3 (EE), DaftyDuck_3 (EE), Danimal_3 (EE), Danno_3 (EE), DirtPie_3 (EE), Dongwon_3 (EE), Dooby_3 (EE), Douggie_3 (EE), Duggle_3 (EE), ELee24_3 (EE), EdElric_3 (EE), Efeko_4 (EE), Eightball_3 (EE), Ekko14_3 (EE), Elspeth_3 (EE), Erin_3 (EE), Gabbspett_3 (EE), Gardevoir_3 (EE), Gillker_3 (EE), Godfather_3 (EE), GoldenBlanche_3 (EE), Goobery_3 (EE), Goulash_3 (EE), Grayscar_3 (EE),

HarperAnne_3 (EE), HeadMave_3 (EE), Hernandez44_3 (EE), Horacetta_3 (EE), Hulk_3 (EE), IzzyPants24_3 (EE), JRok_3 (EE), Jahseh_3 (EE), JaimeB_3 (EE), Jannah_3 (EE), Jella_3 (EE), Jerky_3 (EE), JoBros_3 (EE), JooneeDee_3 (EE), Josuke_3 (EE), Kaijohn_3 (EE), KayPaulus_3 (EE), Kevanna_3 (EE), KillerTomato_3 (EE), Kojax4_3 (EE), KyriosFaba_3 (EE), LaviMo_3 (EE), Leafy_3 (EE), LemonPepper_3 (EE), LionelHutz_3 (EE), Livingwater_3 (EE), Loca_3 (EE), Lola20_3 (EE), Lunatic_3 (EE), Luxx_3 (EE), Madebyisha_3 (EE), Majesty_3 (EE), ManAs_3 (EE), Maneater_3 (EE), Marichuy_3 (EE), MasterPitts_3 (EE), McShie_3 (EE), MelBee03_3 (EE), Miaurora_3 (EE), Minima_3 (EE), MirimarMandM_3 (EE), MrGreen_3 (EE), Myram_3 (EE), Naby_3 (EE), Namsahir_3 (EE), NeumannU_3 (EE), Niffler_3 (EE), Nobel_3 (EE), Noelani_3 (EE), Oaklynn_3 (EE), Octopus_3 (EE), OdetoJoy_3 (EE), Otwor_3 (EE), Owens_3 (EE), PaoPu_3 (EE), Picconator_3 (EE), Picnic_3 (EE), PoRanda_3 (EE), Pondwater_3 (EE), Publix_3 (EE), Puddles3_3 (EE), PuffyCat_3 (EE), Quaker_3 (EE), Rhogar_3 (EE), Rhysand_3 (EE), Rira_3 (EE), RoscoWindex_3 (EE), Sachet_3 (EE), Sage7_3 (EE), SantasSleigh_3 (EE), Sara_3 (EE), Scamander_3 (EE), Scrunchy_3 (EE), SeaWolves_3 (EE), Sippinontea_3 (EE), Slentz_3 (EE), Slizam_3 (EE), Snuffles_4 (EE), Stem_3 (EE), TeddyBoy_3 (EE), TimoTea_3 (EE), TinyTruffula_3 (EE), TomBrady12_3 (EE), Trackstar_3 (EE), Trireme_3 (EE), Tyrellus_3 (EE), Upsilon_3 (EE), Vanisius_3 (EE), VitulaEligans_3 (EE), Witch_3 (EE), Wolfpack_3 (EE), Yasuo_3 (EE), YertPhresh_3 (EE), Yubaba_3 (EE), Zahlia_3 (EE),

Start 251:
• Found in 220 of 3497 (6.3%) of genes in pham
• Manual Annotations of this start: 3 of 3060
• Called 1.4% of time when present
• Phage (with cluster) where this start called: LeoAvram_11 (A4), Pinnie_3 (G3), Skipitt_11 (A4),

Start 252:
• Found in 11 of 3497 (0.3%) of genes in pham
• Manual Annotations of this start: 5 of 3060
• Called 63.6% of time when present
• Phage (with cluster) where this start called: Emperor_2 (DM), GMA5_2 (CW2), GRU3_2 (CW2), Jeanie_2 (CW1), McGonagall_2 (CW1), Rahul_2 (CW2), SallySpecial_2 (DM),

Start 253:
• Found in 12 of 3497 (0.3%) of genes in pham
• Manual Annotations of this start: 2 of 3060
• Called 33.3% of time when present
• Phage (with cluster) where this start called: CosmicBrownie_2 (AY), Hestia_2 (AY), Nyilah_2 (AY), Persistence_2 (AY),

Start 254:
• Found in 155 of 3497 (4.4%) of genes in pham
• Manual Annotations of this start: 2 of 3060
• Called 2.6% of time when present
• Phage (with cluster) where this start called: Cazares_3 (EE), MauiIvory_3 (EE), TlaliMex_3 (EE), Yami_3 (EE),

Start 256:
• Found in 15 of 3497 (0.4%) of genes in pham

• Manual Annotations of this start: 6 of 3060
• Called 40.0% of time when present
• Phage (with cluster) where this start called: Fryberger_34 (DP), Guey18_39 (DP), Keelan_32 (DP), Ronaldo_37 (DP), Volt_36 (DP), Ziko_37 (DP),

Start 258:
• Found in 4 of 3497 (0.1%) of genes in pham
• Manual Annotations of this start: 2 of 3060
• Called 75.0% of time when present
• Phage (with cluster) where this start called: Kumotta_3 (FB), Rooter_3 (FB), Shoya_2 (FB),

Start 262:
• Found in 149 of 3497 (4.3%) of genes in pham
• Manual Annotations of this start: 67 of 3060
• Called 49.0% of time when present
• Phage (with cluster) where this start called: Agent47_6 (K5), AizenPogi_2 (G1), AlleyCat_6 (K5), Angel_2 (G1), Annihilator_2 (G1), Aroostook_2 (G1), Avrafan_2 (G1), AzulaCat_2 (G1), BPs_2 (G1), BQuat_2 (G1), BananenDer11_6 (K5), Barkley26_2 (G1), BruceB_2 (G1), CassieYates_2 (G1), Cedasite_2 (G1), Chance64_2 (G1), Cherrybomb426_2 (G1), Coleslaw_2 (G1), Collard_6 (K5), Crespo_2 (G1), Dadosky_6 (K5), DoubleChamp_6 (K5), ECartman_2 (G1), Edugator_5 (K5), Feyre_6 (K5), Gengar_6 (K5), GoldenAsh_2 (G1), Gomashi_2 (G1), Grizzly_2 (G1), Guillsminger_6 (K5), Halo_2 (G1), Heftyboy_6 (K5), Hope_2 (G1), Hotshotbaby7_2 (G1), InvictusManeo_6 (K5), Jane_2 (G1), Jeilious_2 (G), Jolene_2 (G1), Jonghyun_2 (G1), JorRay_2 (G1), Kareem_2 (G1), Kasen3_2 (G1), Kratio_5 (K5), Larva_6 (K5), Leston_6 (K5), Liefie_2 (G1), LilDirt_5 (K5), LouisV14_2 (G1), Miryou_6 (K5), OctaviousRex_2 (G1), OkiRoe_6 (K5), Olga_2 (G1), Omnicron_6 (K5), Paola_6 (K5), Peeb_2 (G1), Periodt_2 (G1), Phish_2 (G1), Phloodle_2 (G1), Phreak_2 (G1), Primanti_2 (G1), Psycho_6 (K5), Rabbs_2 (G1), Rando14_6 (K5), Renaissance_2 (G1), Richarlison_2 (G1), Sneeze_2 (G1), SoSeph_6 (K5), Taheera_2 (G1), Terror_2 (G1), Thyatira_6 (K5), ViviJ_5 (K5), Waterfoul_6 (K5), ZoMa_2 (G1),

Start 263:
• Found in 10 of 3497 (0.3%) of genes in pham
• No Manual Annotations of this start.
• Called 10.0% of time when present
• Phage (with cluster) where this start called: Bobburn_2 (singleton),

Start 267:
• Found in 2 of 3497 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 50.0% of time when present
• Phage (with cluster) where this start called: MooMoo_2 (singleton),

Start 272:
• Found in 4 of 3497 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 25.0% of time when present
• Phage (with cluster) where this start called: Cambiare_3 (G2),

Start 273:

• Found in 74 of 3497 (2.1%) of genes in pham
• Manual Annotations of this start: 4 of 3060
• Called 5.4% of time when present
• Phage (with cluster) where this start called: Maliketh_2 (G1), ShaboiShabazz_2 (G1), Sweets_2 (G1), TomBrady_2 (G1),

Start 284:
• Found in 62 of 3497 (1.8%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 1.6% of time when present
• Phage (with cluster) where this start called: Faith5x5_2 (CZ6),

Start 295:
• Found in 96 of 3497 (2.7%) of genes in pham
• Manual Annotations of this start: 6 of 3060
• Called 6.2% of time when present
• Phage (with cluster) where this start called: Bialota_2 (CZ1), BronxBay_8 (AW), DoctorPepper_8 (AW), Michelle_8 (AW), Sloopyjoe_8 (AW), Stayer_8 (AW),

Start 297:
• Found in 83 of 3497 (2.4%) of genes in pham
• Manual Annotations of this start: 6 of 3060
• Called 8.4% of time when present
• Phage (with cluster) where this start called: JeanClaude_2 (FB), MargaretKali_3 (FB), Marshawn_9 (K6), Morkie_2 (DH), PhorbesPhlower_2 (DH), Pitbull_2 (FQ1), Sarge_2 (FB),

Start 299:
• Found in 90 of 3497 (2.6%) of genes in pham
• Manual Annotations of this start: 5 of 3060
• Called 5.6% of time when present
• Phage (with cluster) where this start called: Lton_2 (CZ), NoSwimming_4 (FO), RootBeer_2 (FA), Scotia_4 (FO), Shambre1_3 (singleton),

Start 301:
• Found in 9 of 3497 (0.3%) of genes in pham
• Manual Annotations of this start: 2 of 3060
• Called 22.2% of time when present
• Phage (with cluster) where this start called: Coeur_2 (CW2), Schiebs_2 (CW3),

Start 303:
• Found in 57 of 3497 (1.6%) of genes in pham
• Manual Annotations of this start: 2 of 3060
• Called 3.5% of time when present
• Phage (with cluster) where this start called: BenitoAntonio_8 (AM), Mooshroom_8 (AM),

Start 305:
• Found in 60 of 3497 (1.7%) of genes in pham
• Manual Annotations of this start: 33 of 3060
• Called 61.7% of time when present
• Phage (with cluster) where this start called: Agueybana_2 (CZ1), AlumE_2 (CZ1), Antonio_2 (CZ1), BatStarr_2 (CZ1), Bosnia_2 (CZ1), BoyNamedSue_2 (CZ1),

Bunnybear_2 (CZ), Daddyjeff_12 (JA), Elener_3 (singleton), Eudoria_2 (CZ1), Eviarto_2 (CZ1), Herod_2 (CZ1), Hugley_2 (CZ1), Hyzer_2 (CZ1), Kita_2 (CZ1), Madavieve_2 (CZ1), Madeline_2 (CZ1), Manasvini_2 (CZ1), Maridalia_2 (CZ1), Neobush_2 (CZ1), Nymphadora_2 (CZ1), Pepperoni_2 (CZ), Polly_2 (CZ1), Rainydai_7 (BI4), RavenCo17_2 (CZ8), Regigigas_7 (BI4), Suscepit_2 (CZ1), SushiChef_2 (CZ), Sweetclover_13 (JA), Tayonia_2 (CZ1), ThankyouJordi_2 (CZ1), TimTam_2 (CZ1), Trumpet_2 (CZ1), WelcomeAyanna_2 (CZ1), Yotsuba_12 (JA), Zameen_2 (CZ1), Zirinka_2 (CZ1),

Start 306:
• Found in 7 of 3497 (0.2%) of genes in pham
• Manual Annotations of this start: 2 of 3060
• Called 28.6% of time when present
• Phage (with cluster) where this start called: Count_11 (EL), Ditters_7 (BI2),

Start 307:
• Found in 350 of 3497 (10.0%) of genes in pham
• Manual Annotations of this start: 198 of 3060
• Called 70.3% of time when present
• Phage (with cluster) where this start called: Acai_7 (AU1), Aflac_17 (DJ), AlainaMarie_17 (DJ), Aloe25_19 (DJ), Altjira_7 (AU6), Anandi_8 (AU4), Annihilus_7 (BI2), Arataki_14 (DJ), Arcadia_8 (AM), AreFloNak_7 (AU1), Argan_7 (AU6), ArtetaBall_17 (DJ), Artorias_13 (DJ), Arzan_8 (FI), AustinPowers_2 (AK), Avazak_13 (DJ), BarbieDoll_8 (AU6), Barbonzobean_8 (AU6), Benllo_7 (AM), BetterYeti_17 (DJ), Bilo_7 (BI2), Bing_7 (BI5), Biscute_7 (AU6), BlackHoleSun_9 (AU6), Blanky_13 (DJ), BluerMoon_17 (DJ), Boog_8 (AW), Bouchard_7 (AU2), Bowling_8 (AM), Breylor17_7 (AU1), Brunswick_7 (AU1), Bugg_15 (DJ), Burley_17 (DJ), CWormy_17 (DJ), Camille_10 (EL), CapnMurica_7 (AU1), Captrips_13 (DJ), Capybara_13 (DJ), CastorTray_8 (AU1), Caterpillar_8 (AU4), Cheesy_8 (AM), CherryBlossom_8 (BI1), Chikenjars_17 (DJ), Chlochlo_7 (AU2), Circum_8 (AM), Citrus_16 (DJ), ClubPenguin_6 (BI7), Conley_13 (DJ), Correa_8 (AM), CricKo_7 (BI4), Crocheter_16 (DJ), Damascus_10 (EL), Dancer_13 (DJ), Darby_7 (AU1), Demure_14 (DJ), DevitoJr_7 (AU1), Dialga_17 (DJ), Dinallo_8 (AU1), Dirtfootball_2 (DM), DizzyRudy_10 (EL), Djungelskog_8 (AW), Doxi13_7 (BI2), DrGrey_7 (BI1), Duffington_17 (DJ), Dynamite_8 (AM), Eddiemania_16 (DJ), Eevee_12 (JA), Egad_8 (AW), ElephantMan_6 (AU1), Elsa_8 (AM), Elver_16 (FK), EndAve_17 (DJ), Esketit_8 (BI1), Espio_7 (BI1), Fazel_14 (DJ), FidgetOrca_8 (BI1), Figliar_17 (DJ), Football_14 (DJ), FortCran_13 (DJ), FrodoSwaggins_7 (BI1), FromIndy_7 (BI4), Gandionco_15 (FK), GantcherGoblin_7 (AU6), GermyBearimy_9 (FI), Giantsbane_7 (AU2), Gill_13 (DJ), GirlPower_7 (BI1), Glintora_16 (DJ), GoCrazy_7 (AM), GoblinVoyage_7 (BI2), Gordon_7 (AU1), Gravy_13 (DJ), Gusicorn_17 (DJ), Hankly_7 (AM), HazuAndZazu_7 (BI1), Heisenberger_8 (AM), Hemma_8 (AU1), HerbBucket_7 (AW), Hortihabitatio_16 (DJ), Hoshi_8 (BI1), HotFries_6 (BI2), Hydrus_16 (DJ), IceWarrior_8 (BI1), Indigenous_8 (BI1), Ingrid_7 (AU3), Inked_8 (AU7), Issa_7 (AU1), JEGGS_8 (AM), Jaylociraptor_8 (BI1), Jazzy4900_9 (FI), JeNeSaisPas_15 (FK), Jeremy4pt0_8 (AW), Jodelie19_17 (DJ), JoyLin_12 (JA), JulesRay_13 (DJ), Kardashian_7 (BI6), Kardesai_7 (AM), KeaneyLin_7 (AM), Kenosha_14 (DJ), Kerry_13 (DJ), KevinMinion_7 (AU6), Kinny_8 (AU6), Kureo_17 (FK), Leathea_8 (AU6), Lewando_8 (AU6), LibertyBell_7 (BI3), LilHuddy_7 (AU2), Linda_8 (AW), Loretta_7 (AU3), LucySwiss_7 (AU1), Luthien_18 (DJ), Madamato_8 (BI1), Madvan_17 (DJ), Magel_13 (DJ), MajinBuu_17 (DJ), Makai_7 (AU5), Mardi_9 (AU6), Marianna39_16 (FK), Maya_8 (BI1), Mcklovin_3 (CZ4), MediumFry_8 (AU4), Meibysrarus_8 (BI1), Mema_10 (EL), Miek_7 (BI4), MiniBagel_7 (AU1), Monse_7 (BI2), Moozy_7 (BI2),

Mossy_14 (DJ), MrAaronian_8 (AW), Mudcat_8 (AM), Muglass_7 (AU6), Mysticmoon_14 (DJ), Nadmeg_17 (DJ), Namo_8 (BI1), NapoleonB_8 (AM), Nason_8 (AM), Natasha_7 (AW), Navi1117_8 (AU6), Nightmare_7 (AU1), Niktson_6 (AU1), Nithya_17 (DJ), Nivinsha_7 (AU1), NoPickles_13 (DJ), Odesza_13 (DJ), OhMyWard_17 (DJ), OlgasClover_17 (DJ), OlympicHelado_8 (BI1), Onestar_7 (AW), Paella_16 (FK), Pepy6_014 (CC), Perkunas_15 (DJ), PerroGrande22_14 (CC), PestoPenguin_19 (DJ), Petito_14 (DJ), Phaby_7 (AU2), Phaila_8 (AU6), Phepper_17 (DJ), Pherobrine_14 (DJ), PherryCruz_6 (BI2), PinkFriday_2 (AK), Pippin15_11 (JA), Poco6_016 (CC), PoeMe_8 (AU6), Popy_7 (BI1), Powelldog_7 (AW), ProfFrink_8 (AW), Qui_16 (FK), Raunak_8 (AW), RavenPuff_6 (BI2), Renaldo_9 (AU6), Rickmore_16 (DJ), Rima_8 (BI1), Roney_13 (DJ), RosaAsantewaa_7 (BI2), Runhaar_17 (DJ), RustyBoy_7 (AW), Salk_8 (AW), Sangak_7 (BI2), Scap1_7 (BI2), Schwartz33_17 (DJ), ScienceWizSam_8 (AU1), Secretariat_13 (DJ), SendItCS_7 (BI4), ShaggyRogers_17 (DJ), SheRa_7 (BI2), Shepard_7 (AU2), Shiba_8 (AW), Soshi_7 (BI1), Spain_7 (AW), Spectropatronm_8 (BI1), Sporto_7 (AW), Sprinkle_7 (AW), StarLord_8 (AW), Stardrop_8 (AU6), Sunny4976_8 (FI), SweetCrkHerbs_15 (DJ), Synepsis_6 (AU1), TaidaOne_8 (BI1), Tairn4Wing_15 (DJ), Talon44_14 (DJ), Tanis_13 (DJ), Tatanka_6 (AU1), Teacup_7 (AU1), TenaciousP_17 (DJ), Tenney120_8 (AU6), Tenno_8 (AU1), Thiqqums_7 (BI4), TieDye_7 (BI1), Tipton_7 (AU2), Tokki_7 (AU2), Tonaltzin_19 (DJ), TonyStarch_8 (BI1), Tribby_8 (AM), TrixiePhattel_8 (AU6), Truckee_7 (AU5), Trufflozitus_13 (DJ), Trustiboi_7 (AU1), Untouchable_16 (DJ), Uzumaki_8 (AU6), Vardy_17 (DJ), Westerlin_7 (AU1), Wigberry_7 (BI5), Xenomorph_7 (AM), Zeina_8 (AU6), Zeph_16 (DJ), Zippen_8 (AU7),

Start 309:
• Found in 256 of 3497 (7.3%) of genes in pham
• Manual Annotations of this start: 15 of 3060
• Called 7.8% of time when present
• Phage (with cluster) where this start called: AddiRose_12 (JA), Amelia_4 (AS2), Ashballer_10 (A1), Bedetta_4 (AS2), Bibble12_4 (AS2), BobbyDazzler_8 (CA), Colusalem_3 (AS2), Cote_4 (AS2), Damocles_4 (AS2), Daob_4 (AS2), GramZayde_3 (AS2), HannahPhantana_4 (AS2), Jerole_4 (AS2), Kepler_3 (AS2), Lakshmi_5 (AK), Misaeng_5 (AK), OtsoOtso_3 (AS2), PhirstandPhine_4 (AS2), Pineda_4 (AS2), Serenabean_12 (JA),

Start 310:
• Found in 195 of 3497 (5.6%) of genes in pham
• No Manual Annotations of this start.
• Called 0.5% of time when present
• Phage (with cluster) where this start called: Neighly_6 (K3),

Start 314:
• Found in 206 of 3497 (5.9%) of genes in pham
• No Manual Annotations of this start.
• Called 1.0% of time when present
• Phage (with cluster) where this start called: Graynor_5 (AK), MrBoss_5 (AK),

Start 317:
• Found in 110 of 3497 (3.1%) of genes in pham
• Manual Annotations of this start: 15 of 3060
• Called 13.6% of time when present

• Phage (with cluster) where this start called: Ayotoya_6 (DI), BetterKatz_6 (DI), Bock_6 (DI), Brylie_6 (DI), Chop_6 (DI), DelRio_6 (DI), Francois_6 (DI), GrandSlam_6 (DI), Hamood_6 (DI), Mulch_6 (DI), Nadeem_6 (DI), NancyRae_6 (DI), Parada_6 (DI), Pimento_6 (DI), WheatThin_6 (DI),

Start 318:
• Found in 473 of 3497 (13.5%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 0.4% of time when present
• Phage (with cluster) where this start called: EpicDab_2 (DM), RRH1_02 (singleton),

Start 322:
• Found in 230 of 3497 (6.6%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 0.9% of time when present
• Phage (with cluster) where this start called: Paito_2 (G1), WST1_2 (AJ),

Start 324:
• Found in 5 of 3497 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 20.0% of time when present
• Phage (with cluster) where this start called: Chymera_2 (singleton),

Start 327:
• Found in 1 of 3497 (0.0%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Ball_2 (singleton),

Start 328:
• Found in 1 of 3497 (0.0%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Gudmit_3 (singleton),

Start 330:
• Found in 340 of 3497 (9.7%) of genes in pham
• Manual Annotations of this start: 14 of 3060
• Called 5.3% of time when present
• Phage (with cluster) where this start called: Bridgette_2 (FA), ChuckDuck_2 (FA), Constance_2 (FA), Eileen_2 (FA), FosterFrank_2 (FA), GlobiWarming_2 (FA), Henrique_2 (FA), Judy_2 (FA), Karkharias_2 (FA), KayMoney_2 (FA), LilyBell_2 (FA), LittleRon_2 (FA), NidoQ_2 (FA), NikkiHotWheels_2 (FA), Peas_2 (FA), PeggyLeg03_2 (FA), Pucara_2 (FA), Rowa_2 (BL),

Start 332:
• Found in 4 of 3497 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 25.0% of time when present
• Phage (with cluster) where this start called: AbbeyMikolon_2 (BL),

Start 333:
• Found in 218 of 3497 (6.2%) of genes in pham

• Manual Annotations of this start: 4 of 3060
• Called 1.8% of time when present
• Phage (with cluster) where this start called: BrotherBLo_5 (AK), Jumboset_5 (AK), Kalizoi_5 (AK), Scuttle_5 (AK),

Start 334:
• Found in 123 of 3497 (3.5%) of genes in pham
• No Manual Annotations of this start.
• Called 0.8% of time when present
• Phage (with cluster) where this start called: Raqqa_3 (AY),

Start 336:
• Found in 280 of 3497 (8.0%) of genes in pham
• Manual Annotations of this start: 12 of 3060
• Called 5.4% of time when present
• Phage (with cluster) where this start called: AbbyDaisy_3 (AY), Bobquesha_9 (K4), DanSyl44_9 (K4), Juliette_9 (K4), MissDaisy_9 (K4), MrSmee_2 (FQ1), OmniCritical_9 (K4), Patt_9 (K4), Qhanda_9 (K4), Reptar3000_9 (K4), SamScheppers_7 (K4), Skitty_2 (FQ1), Y10_09 (K4), Y2_09 (K4), YasnayaPolyana_9 (K4),

Start 337:
• Found in 2 of 3497 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Nesbitt_2 (BL),

Start 352:
• Found in 2 of 3497 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Bimmel_48 (BT),

Start 363:
• Found in 339 of 3497 (9.7%) of genes in pham
• No Manual Annotations of this start.
• Called 0.6% of time when present
• Phage (with cluster) where this start called: Stardom_7 (AM), YoshiYama_7 (AM),

Start 367:
• Found in 261 of 3497 (7.5%) of genes in pham
• No Manual Annotations of this start.
• Called 0.4% of time when present
• Phage (with cluster) where this start called: ChickyNuggy_14 (DJ),

Start 370:
• Found in 3 of 3497 (0.1%) of genes in pham
• No Manual Annotations of this start.
• Called 33.3% of time when present
• Phage (with cluster) where this start called: HotPotato_2 (FA),

Start 376:
• Found in 3 of 3497 (0.1%) of genes in pham

• No Manual Annotations of this start.
• Called 33.3% of time when present
• Phage (with cluster) where this start called: BFK20_ORF2 (singleton),

Start 381:
• Found in 568 of 3497 (16.2%) of genes in pham
• No Manual Annotations of this start.
• Called 0.2% of time when present
• Phage (with cluster) where this start called: Mkhuseli_12 (A1),

Start 386:
• Found in 1 of 3497 (0.0%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: phiBT1_33 (BB1),

Start 389:
• Found in 17 of 3497 (0.5%) of genes in pham
• Manual Annotations of this start: 11 of 3060
• Called 64.7% of time when present
• Phage (with cluster) where this start called: Amao_9 (E), Bask21_8 (E), BigBubba_8 (E), Budgie_10 (E), ChotaBhai_8 (E), Emmina_8 (E), Inca_8 (E), Pat3_8 (E), Porky_7 (E), SirDuracell_8 (E), Teaspoon_8 (E),

Start 393:
• Found in 61 of 3497 (1.7%) of genes in pham
• Manual Annotations of this start: 3 of 3060
• Called 4.9% of time when present
• Phage (with cluster) where this start called: Euratis_2 (BB1), Shawty_2 (BB1), TG1_2 (BB1),

Start 394:
• Found in 51 of 3497 (1.5%) of genes in pham
• Manual Annotations of this start: 48 of 3060
• Called 100.0% of time when present
• Phage (with cluster) where this start called: 244_9 (E), Adnama_10 (E), AmericanBeauty_10 (E), Argent26_10 (E), Asriel_8 (E), Barbarian_8 (E), Bench_10 (E), Bogg_9 (E), Cactus_10 (E), ChosenOne_7 (E), Czyszczon1_9 (E), DoctorDiddles_9 (E), Dumbo_8 (E), Elite2014_7 (E), Elph10_9 (E), Filch_9 (E), Gage_10 (E), Gemini_10 (E), GoldenSpark_10 (E), Goldilocks_10 (E), GooberAzure_10 (E), HanKaySha_9 (E), Highbury_9 (E), Holt_10 (E), Hoonter_10 (E), Hopey_9 (E), Kimchi_10 (E), Lilizi_10 (E), Lilpickle_7 (E), MadamMonkfish_8 (E), Maxxinista_9 (E), Moldemort_9 (E), Murphy_8 (E), NoSleep_9 (E), NonchalantPear_8 (E), OrionPax_9 (E), PaddyBaddy_9 (E), Phrux_8 (E), Ptowny_8 (E), Pumpkin_9 (E), RiverMonster_8 (E), Saints25_9 (E), Simpliphy_9 (E), Stank_10 (E), Stark_9 (E), StolenFromERC_10 (E), TBrady12_10 (E), Thimble_9 (E), Ukulele_8 (E), Wiggin_10 (E), Xandras_10 (E),

Start 395:
• Found in 1 of 3497 (0.0%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Lilac_10 (E),

Start 397:
• Found in 219 of 3497 (6.3%) of genes in pham
• Manual Annotations of this start: 4 of 3060
• Called 1.8% of time when present
• Phage (with cluster) where this start called: Heather_2 (BB2), RemusLoopin_2 (BB2), Samora_2 (BB1), Sebastisaurus_2 (BB2),

Start 400:
• Found in 60 of 3497 (1.7%) of genes in pham
• Manual Annotations of this start: 2 of 3060
• Called 3.3% of time when present
• Phage (with cluster) where this start called: Lilbooboo_2 (BB1), Vash_2 (BB1),

Start 403:
• Found in 195 of 3497 (5.6%) of genes in pham
• Manual Annotations of this start: 1 of 3060
• Called 0.5% of time when present
• Phage (with cluster) where this start called: EmiRose_2 (singleton),

Summary by clusters:

There are 198 clusters represented in this pham: CW2, BA, BL, FR, BJ, BT, BU, BV, BW, BX, JA, JC, G5, G4, G3, G2, G1, BI6, CQ2, CQ1, A21, T, K2, FB, CZ8, Y, FF, P3, CZ2, CZ3, CZ1, CZ6, CZ7, CZ4, CZ5, EN, M1, M3, M2, CY7, K8, P4, CY4, BD6, BD1, BD3, BD2, P2, EL, EO, P1, P6, EH, G, P5, EE, O, EB, S, CU4, EP, ES, ER, CR2, CR3, CR1, CR6, CR7, CR4, CR5, Z, FP, singleton, FS, CW3, K3, FA, K1, K7, K6, K5, K4, FI, FK, FO, CU5, AZ, CU3, CU2, CU1, BI5, AU1, DN4, AU3, AU2, AU5, AU4, DN3, AU6, DU1, DU2, BB2, BB1, AS3, AS2, AS1, AU7, F, CC, CA, J, CF, N, CZ, V, CY5, UNK, CV, CT, A20, F1, A22, F4, F5, F6, F7, F8, DN, DL, DM, DJ, DH, DI, DD, DB, DA, DY, DW, DP, A15, A14, A17, A16, A11, A10, A13, A12, I1, I3, I2, A19, A18, A1, A3, A2, A5, A4, A7, A6, A9, A8, CY3, CY2, CY1, AB, E, CY6, AG, AF, AH, AK, AJ, AM, AN, Q, L4, L2, L3, AW, L1, AY, BI7, BI4, CD, BI2, BI3, BI1, FQ1, AX, CW1, FQ2, AZ1, AZ2, AZ3, AZ4, AZ5, AZ6, AZ7,

Info for manual annotations of cluster A1:
•Start number 102 was manually annotated 186 times for cluster A1.
•Start number 110 was manually annotated 24 times for cluster A1.
•Start number 309 was manually annotated 1 time for cluster A1.

Info for manual annotations of cluster A10:
•Start number 102 was manually annotated 17 times for cluster A10.

Info for manual annotations of cluster A11:
•Start number 103 was manually annotated 24 times for cluster A11.

Info for manual annotations of cluster A12:
•Start number 103 was manually annotated 5 times for cluster A12.

Info for manual annotations of cluster A14:
•Start number 103 was manually annotated 5 times for cluster A14.

Info for manual annotations of cluster A15:
•Start number 103 was manually annotated 24 times for cluster A15.

Info for manual annotations of cluster A16:
•Start number 103 was manually annotated 3 times for cluster A16.

Info for manual annotations of cluster A18:
•Start number 113 was manually annotated 1 time for cluster A18.

Info for manual annotations of cluster A19:
•Start number 102 was manually annotated 1 time for cluster A19.

Info for manual annotations of cluster A2:
•Start number 103 was manually annotated 106 times for cluster A2.

Info for manual annotations of cluster A20:
•Start number 108 was manually annotated 1 time for cluster A20.

Info for manual annotations of cluster A22:
•Start number 103 was manually annotated 1 time for cluster A22.

Info for manual annotations of cluster A3:
•Start number 102 was manually annotated 33 times for cluster A3.
•Start number 105 was manually annotated 83 times for cluster A3.

Info for manual annotations of cluster A4:
•Start number 102 was manually annotated 138 times for cluster A4.
•Start number 105 was manually annotated 2 times for cluster A4.
•Start number 124 was manually annotated 1 time for cluster A4.
•Start number 251 was manually annotated 2 times for cluster A4.

Info for manual annotations of cluster A5:
•Start number 54 was manually annotated 19 times for cluster A5.
•Start number 67 was manually annotated 20 times for cluster A5.

Info for manual annotations of cluster A6:
•Start number 103 was manually annotated 48 times for cluster A6.

Info for manual annotations of cluster A7:
•Start number 102 was manually annotated 5 times for cluster A7.

Info for manual annotations of cluster A8:
•Start number 67 was manually annotated 12 times for cluster A8.

Info for manual annotations of cluster A9:
•Start number 103 was manually annotated 20 times for cluster A9.
•Start number 117 was manually annotated 10 times for cluster A9.
•Start number 121 was manually annotated 5 times for cluster A9.

Info for manual annotations of cluster AB:
•Start number 170 was manually annotated 4 times for cluster AB.

Info for manual annotations of cluster AF:
•Start number 85 was manually annotated 2 times for cluster AF.

Info for manual annotations of cluster AG:
•Start number 96 was manually annotated 1 time for cluster AG.
•Start number 99 was manually annotated 1 time for cluster AG.

Info for manual annotations of cluster AH:
•Start number 73 was manually annotated 1 time for cluster AH.

Info for manual annotations of cluster AJ:
•Start number 230 was manually annotated 1 time for cluster AJ.

Info for manual annotations of cluster AK:
•Start number 165 was manually annotated 76 times for cluster AK.
•Start number 307 was manually annotated 2 times for cluster AK.
•Start number 309 was manually annotated 2 times for cluster AK.
•Start number 333 was manually annotated 4 times for cluster AK.

Info for manual annotations of cluster AM:
•Start number 303 was manually annotated 2 times for cluster AM.
•Start number 307 was manually annotated 19 times for cluster AM.

Info for manual annotations of cluster AN:
•Start number 136 was manually annotated 1 time for cluster AN.
•Start number 179 was manually annotated 1 time for cluster AN.
•Start number 191 was manually annotated 4 times for cluster AN.
•Start number 202 was manually annotated 38 times for cluster AN.

Info for manual annotations of cluster AS1:
•Start number 171 was manually annotated 2 times for cluster AS1.
•Start number 238 was manually annotated 15 times for cluster AS1.

Info for manual annotations of cluster AS2:
•Start number 171 was manually annotated 8 times for cluster AS2.
•Start number 247 was manually annotated 1 time for cluster AS2.
•Start number 309 was manually annotated 9 times for cluster AS2.

Info for manual annotations of cluster AS3:
•Start number 171 was manually annotated 2 times for cluster AS3.
•Start number 193 was manually annotated 16 times for cluster AS3.

Info for manual annotations of cluster AU1:
•Start number 307 was manually annotated 19 times for cluster AU1.

Info for manual annotations of cluster AU2:
•Start number 307 was manually annotated 8 times for cluster AU2.

Info for manual annotations of cluster AU3:
•Start number 307 was manually annotated 2 times for cluster AU3.

Info for manual annotations of cluster AU4:

•Start number 307 was manually annotated 3 times for cluster AU4.

Info for manual annotations of cluster AU5:
•Start number 307 was manually annotated 2 times for cluster AU5.

Info for manual annotations of cluster AU6:
•Start number 307 was manually annotated 14 times for cluster AU6.

Info for manual annotations of cluster AU7:
•Start number 307 was manually annotated 2 times for cluster AU7.

Info for manual annotations of cluster AW:
•Start number 295 was manually annotated 5 times for cluster AW.
•Start number 307 was manually annotated 14 times for cluster AW.

Info for manual annotations of cluster AX:
•Start number 197 was manually annotated 2 times for cluster AX.
•Start number 235 was manually annotated 1 time for cluster AX.
•Start number 240 was manually annotated 1 time for cluster AX.

Info for manual annotations of cluster AY:
•Start number 171 was manually annotated 4 times for cluster AY.
•Start number 253 was manually annotated 2 times for cluster AY.
•Start number 336 was manually annotated 1 time for cluster AY.

Info for manual annotations of cluster AZ1:
•Start number 124 was manually annotated 39 times for cluster AZ1.
•Start number 128 was manually annotated 7 times for cluster AZ1.

Info for manual annotations of cluster AZ2:
•Start number 124 was manually annotated 3 times for cluster AZ2.

Info for manual annotations of cluster AZ3:
•Start number 124 was manually annotated 2 times for cluster AZ3.

Info for manual annotations of cluster AZ4:
•Start number 95 was manually annotated 4 times for cluster AZ4.
•Start number 98 was manually annotated 1 time for cluster AZ4.

Info for manual annotations of cluster AZ5:
•Start number 143 was manually annotated 16 times for cluster AZ5.

Info for manual annotations of cluster AZ6:
•Start number 124 was manually annotated 1 time for cluster AZ6.

Info for manual annotations of cluster BB1:
•Start number 393 was manually annotated 3 times for cluster BB1.
•Start number 397 was manually annotated 1 time for cluster BB1.
•Start number 400 was manually annotated 2 times for cluster BB1.

Info for manual annotations of cluster BB2:
•Start number 397 was manually annotated 3 times for cluster BB2.

Info for manual annotations of cluster BD1:
•Start number 95 was manually annotated 45 times for cluster BD1.
•Start number 113 was manually annotated 10 times for cluster BD1.

Info for manual annotations of cluster BD2:
•Start number 95 was manually annotated 32 times for cluster BD2.

Info for manual annotations of cluster BD3:
•Start number 89 was manually annotated 1 time for cluster BD3.
•Start number 95 was manually annotated 13 times for cluster BD3.
•Start number 98 was manually annotated 1 time for cluster BD3.

Info for manual annotations of cluster BD6:
•Start number 95 was manually annotated 4 times for cluster BD6.

Info for manual annotations of cluster BI1:
•Start number 307 was manually annotated 24 times for cluster BI1.

Info for manual annotations of cluster BI2:
•Start number 306 was manually annotated 1 time for cluster BI2.
•Start number 307 was manually annotated 12 times for cluster BI2.

Info for manual annotations of cluster BI3:
•Start number 307 was manually annotated 1 time for cluster BI3.

Info for manual annotations of cluster BI4:
•Start number 305 was manually annotated 1 time for cluster BI4.
•Start number 307 was manually annotated 4 times for cluster BI4.

Info for manual annotations of cluster BI5:
•Start number 307 was manually annotated 2 times for cluster BI5.

Info for manual annotations of cluster BI6:
•Start number 307 was manually annotated 1 time for cluster BI6.

Info for manual annotations of cluster BI7:
•Start number 307 was manually annotated 1 time for cluster BI7.

Info for manual annotations of cluster BJ:
•Start number 201 was manually annotated 1 time for cluster BJ.

Info for manual annotations of cluster BL:
•Start number 330 was manually annotated 1 time for cluster BL.
•Start number 332 was manually annotated 1 time for cluster BL.
•Start number 337 was manually annotated 1 time for cluster BL.

Info for manual annotations of cluster BT:
•Start number 175 was manually annotated 2 times for cluster BT.
•Start number 352 was manually annotated 1 time for cluster BT.

Info for manual annotations of cluster BU:
•Start number 228 was manually annotated 40 times for cluster BU.
•Start number 238 was manually annotated 5 times for cluster BU.

Info for manual annotations of cluster BV:
•Start number 225 was manually annotated 3 times for cluster BV.

Info for manual annotations of cluster BW:
•Start number 235 was manually annotated 4 times for cluster BW.

Info for manual annotations of cluster CA:
•Start number 107 was manually annotated 35 times for cluster CA.
•Start number 309 was manually annotated 1 time for cluster CA.

Info for manual annotations of cluster CD:
•Start number 211 was manually annotated 7 times for cluster CD.

Info for manual annotations of cluster CF:
•Start number 218 was manually annotated 4 times for cluster CF.
•Start number 223 was manually annotated 1 time for cluster CF.

Info for manual annotations of cluster CQ1:
•Start number 148 was manually annotated 15 times for cluster CQ1.

Info for manual annotations of cluster CQ2:
•Start number 148 was manually annotated 2 times for cluster CQ2.

Info for manual annotations of cluster CR1:
•Start number 155 was manually annotated 3 times for cluster CR1.

Info for manual annotations of cluster CR2:
•Start number 153 was manually annotated 12 times for cluster CR2.
•Start number 155 was manually annotated 7 times for cluster CR2.
•Start number 161 was manually annotated 2 times for cluster CR2.

Info for manual annotations of cluster CR3:
•Start number 155 was manually annotated 6 times for cluster CR3.

Info for manual annotations of cluster CR4:
•Start number 155 was manually annotated 8 times for cluster CR4.

Info for manual annotations of cluster CR5:
•Start number 152 was manually annotated 3 times for cluster CR5.

Info for manual annotations of cluster CR6:
•Start number 155 was manually annotated 6 times for cluster CR6.

Info for manual annotations of cluster CR7:
•Start number 155 was manually annotated 1 time for cluster CR7.

Info for manual annotations of cluster CT:

•Start number 167 was manually annotated 9 times for cluster CT.
•Start number 170 was manually annotated 53 times for cluster CT.
•Start number 232 was manually annotated 1 time for cluster CT.

Info for manual annotations of cluster CU1:
•Start number 133 was manually annotated 2 times for cluster CU1.
•Start number 207 was manually annotated 6 times for cluster CU1.

Info for manual annotations of cluster CU3:
•Start number 133 was manually annotated 1 time for cluster CU3.

Info for manual annotations of cluster CU4:
•Start number 146 was manually annotated 1 time for cluster CU4.

Info for manual annotations of cluster CU5:
•Start number 151 was manually annotated 1 time for cluster CU5.

Info for manual annotations of cluster CV:
•Start number 119 was manually annotated 2 times for cluster CV.
•Start number 164 was manually annotated 1 time for cluster CV.
•Start number 173 was manually annotated 35 times for cluster CV.
•Start number 193 was manually annotated 5 times for cluster CV.

Info for manual annotations of cluster CW1:
•Start number 252 was manually annotated 2 times for cluster CW1.

Info for manual annotations of cluster CW2:
•Start number 252 was manually annotated 1 time for cluster CW2.
•Start number 301 was manually annotated 1 time for cluster CW2.

Info for manual annotations of cluster CW3:
•Start number 301 was manually annotated 1 time for cluster CW3.

Info for manual annotations of cluster CY1:
•Start number 87 was manually annotated 9 times for cluster CY1.

Info for manual annotations of cluster CY2:
•Start number 87 was manually annotated 1 time for cluster CY2.

Info for manual annotations of cluster CY3:
•Start number 87 was manually annotated 2 times for cluster CY3.

Info for manual annotations of cluster CY4:
•Start number 87 was manually annotated 2 times for cluster CY4.

Info for manual annotations of cluster CY5:
•Start number 87 was manually annotated 1 time for cluster CY5.

Info for manual annotations of cluster CY6:
•Start number 87 was manually annotated 1 time for cluster CY6.

Info for manual annotations of cluster CY7:

•Start number 87 was manually annotated 1 time for cluster CY7.

Info for manual annotations of cluster CZ:
•Start number 151 was manually annotated 1 time for cluster CZ.
•Start number 299 was manually annotated 1 time for cluster CZ.
•Start number 305 was manually annotated 2 times for cluster CZ.

Info for manual annotations of cluster CZ1:
•Start number 295 was manually annotated 1 time for cluster CZ1.
•Start number 305 was manually annotated 25 times for cluster CZ1.

Info for manual annotations of cluster CZ2:
•Start number 151 was manually annotated 24 times for cluster CZ2.

Info for manual annotations of cluster CZ3:
•Start number 151 was manually annotated 3 times for cluster CZ3.

Info for manual annotations of cluster CZ4:
•Start number 151 was manually annotated 23 times for cluster CZ4.
•Start number 307 was manually annotated 1 time for cluster CZ4.

Info for manual annotations of cluster CZ5:
•Start number 151 was manually annotated 1 time for cluster CZ5.

Info for manual annotations of cluster CZ6:
•Start number 238 was manually annotated 2 times for cluster CZ6.
•Start number 284 was manually annotated 1 time for cluster CZ6.

Info for manual annotations of cluster CZ7:
•Start number 151 was manually annotated 1 time for cluster CZ7.

Info for manual annotations of cluster CZ8:
•Start number 305 was manually annotated 1 time for cluster CZ8.

Info for manual annotations of cluster DA:
•Start number 71 was manually annotated 4 times for cluster DA.

Info for manual annotations of cluster DB:
•Start number 137 was manually annotated 4 times for cluster DB.
•Start number 185 was manually annotated 13 times for cluster DB.

Info for manual annotations of cluster DD:
•Start number 148 was manually annotated 1 time for cluster DD.

Info for manual annotations of cluster DH:
•Start number 225 was manually annotated 1 time for cluster DH.
•Start number 297 was manually annotated 2 times for cluster DH.

Info for manual annotations of cluster DI:
•Start number 317 was manually annotated 15 times for cluster DI.

Info for manual annotations of cluster DJ:
•Start number 307 was manually annotated 58 times for cluster DJ.

Info for manual annotations of cluster DL:
•Start number 148 was manually annotated 6 times for cluster DL.

Info for manual annotations of cluster DM:
•Start number 252 was manually annotated 2 times for cluster DM.
•Start number 318 was manually annotated 1 time for cluster DM.

Info for manual annotations of cluster DN:
•Start number 170 was manually annotated 3 times for cluster DN.

Info for manual annotations of cluster DN3:
•Start number 141 was manually annotated 1 time for cluster DN3.
•Start number 170 was manually annotated 1 time for cluster DN3.

Info for manual annotations of cluster DN4:
•Start number 170 was manually annotated 1 time for cluster DN4.

Info for manual annotations of cluster DP:
•Start number 256 was manually annotated 6 times for cluster DP.

Info for manual annotations of cluster DU1:
•Start number 230 was manually annotated 4 times for cluster DU1.

Info for manual annotations of cluster DU2:
•Start number 230 was manually annotated 3 times for cluster DU2.

Info for manual annotations of cluster DW:
•Start number 201 was manually annotated 5 times for cluster DW.

Info for manual annotations of cluster DY:
•Start number 206 was manually annotated 7 times for cluster DY.

Info for manual annotations of cluster E:
•Start number 389 was manually annotated 11 times for cluster E.
•Start number 394 was manually annotated 48 times for cluster E.
•Start number 395 was manually annotated 1 time for cluster E.

Info for manual annotations of cluster EB:
•Start number 220 was manually annotated 2 times for cluster EB.
•Start number 225 was manually annotated 79 times for cluster EB.

Info for manual annotations of cluster EE:
•Start number 250 was manually annotated 143 times for cluster EE.
•Start number 254 was manually annotated 2 times for cluster EE.

Info for manual annotations of cluster EH:
•Start number 122 was manually annotated 14 times for cluster EH.
•Start number 135 was manually annotated 1 time for cluster EH.

Info for manual annotations of cluster EL:
•Start number 306 was manually annotated 1 time for cluster EL.
•Start number 307 was manually annotated 3 times for cluster EL.

Info for manual annotations of cluster EN:
•Start number 5 was manually annotated 5 times for cluster EN.
•Start number 20 was manually annotated 1 time for cluster EN.
•Start number 216 was manually annotated 1 time for cluster EN.
•Start number 237 was manually annotated 1 time for cluster EN.

Info for manual annotations of cluster EO:
•Start number 162 was manually annotated 4 times for cluster EO.

Info for manual annotations of cluster EP:
•Start number 218 was manually annotated 4 times for cluster EP.
•Start number 220 was manually annotated 4 times for cluster EP.

Info for manual annotations of cluster ER:
•Start number 185 was manually annotated 1 time for cluster ER.

Info for manual annotations of cluster F1:
•Start number 146 was manually annotated 1 time for cluster F1.
•Start number 155 was manually annotated 165 times for cluster F1.
•Start number 176 was manually annotated 3 times for cluster F1.
•Start number 217 was manually annotated 1 time for cluster F1.
•Start number 247 was manually annotated 2 times for cluster F1.

Info for manual annotations of cluster F4:
•Start number 87 was manually annotated 4 times for cluster F4.

Info for manual annotations of cluster F5:
•Start number 170 was manually annotated 1 time for cluster F5.

Info for manual annotations of cluster FA:
•Start number 299 was manually annotated 1 time for cluster FA.
•Start number 330 was manually annotated 13 times for cluster FA.

Info for manual annotations of cluster FB:
•Start number 235 was manually annotated 2 times for cluster FB.
•Start number 258 was manually annotated 2 times for cluster FB.
•Start number 297 was manually annotated 2 times for cluster FB.

Info for manual annotations of cluster FF:
•Start number 190 was manually annotated 1 time for cluster FF.
•Start number 209 was manually annotated 21 times for cluster FF.

Info for manual annotations of cluster FK:
•Start number 307 was manually annotated 3 times for cluster FK.

Info for manual annotations of cluster FO:

•Start number 206 was manually annotated 6 times for cluster FO.
•Start number 209 was manually annotated 1 time for cluster FO.
•Start number 299 was manually annotated 2 times for cluster FO.

Info for manual annotations of cluster FP:
•Start number 195 was manually annotated 1 time for cluster FP.
•Start number 198 was manually annotated 4 times for cluster FP.
•Start number 205 was manually annotated 1 time for cluster FP.

Info for manual annotations of cluster FQ1:
•Start number 152 was manually annotated 1 time for cluster FQ1.
•Start number 297 was manually annotated 1 time for cluster FQ1.
•Start number 336 was manually annotated 2 times for cluster FQ1.

Info for manual annotations of cluster FR:
•Start number 208 was manually annotated 5 times for cluster FR.
•Start number 211 was manually annotated 6 times for cluster FR.

Info for manual annotations of cluster FS:
•Start number 202 was manually annotated 1 time for cluster FS.

Info for manual annotations of cluster G:
•Start number 161 was manually annotated 1 time for cluster G.

Info for manual annotations of cluster G1:
•Start number 161 was manually annotated 20 times for cluster G1.
•Start number 262 was manually annotated 42 times for cluster G1.
•Start number 273 was manually annotated 4 times for cluster G1.
•Start number 322 was manually annotated 1 time for cluster G1.

Info for manual annotations of cluster G2:
•Start number 131 was manually annotated 1 time for cluster G2.
•Start number 161 was manually annotated 1 time for cluster G2.
•Start number 272 was manually annotated 1 time for cluster G2.

Info for manual annotations of cluster G3:
•Start number 161 was manually annotated 1 time for cluster G3.
•Start number 251 was manually annotated 1 time for cluster G3.

Info for manual annotations of cluster G4:
•Start number 161 was manually annotated 2 times for cluster G4.

Info for manual annotations of cluster G5:
•Start number 161 was manually annotated 2 times for cluster G5.

Info for manual annotations of cluster I1:
•Start number 152 was manually annotated 6 times for cluster I1.

Info for manual annotations of cluster I2:
•Start number 225 was manually annotated 1 time for cluster I2.
•Start number 240 was manually annotated 2 times for cluster I2.

Info for manual annotations of cluster J:
•Start number 233 was manually annotated 12 times for cluster J.

Info for manual annotations of cluster JA:
•Start number 305 was manually annotated 3 times for cluster JA.
•Start number 307 was manually annotated 3 times for cluster JA.
•Start number 309 was manually annotated 2 times for cluster JA.

Info for manual annotations of cluster JC:
•Start number 141 was manually annotated 1 time for cluster JC.

Info for manual annotations of cluster K1:
•Start number 247 was manually annotated 109 times for cluster K1.

Info for manual annotations of cluster K2:
•Start number 247 was manually annotated 11 times for cluster K2.

Info for manual annotations of cluster K3:
•Start number 230 was manually annotated 1 time for cluster K3.
•Start number 247 was manually annotated 8 times for cluster K3.

Info for manual annotations of cluster K4:
•Start number 247 was manually annotated 13 times for cluster K4.
•Start number 336 was manually annotated 9 times for cluster K4.

Info for manual annotations of cluster K5:
•Start number 262 was manually annotated 25 times for cluster K5.

Info for manual annotations of cluster K6:
•Start number 230 was manually annotated 1 time for cluster K6.
•Start number 247 was manually annotated 24 times for cluster K6.
•Start number 297 was manually annotated 1 time for cluster K6.

Info for manual annotations of cluster K7:
•Start number 247 was manually annotated 1 time for cluster K7.

Info for manual annotations of cluster K8:
•Start number 247 was manually annotated 1 time for cluster K8.

Info for manual annotations of cluster L1:
•Start number 138 was manually annotated 13 times for cluster L1.
•Start number 142 was manually annotated 6 times for cluster L1.

Info for manual annotations of cluster L2:
•Start number 138 was manually annotated 32 times for cluster L2.

Info for manual annotations of cluster L3:
•Start number 138 was manually annotated 19 times for cluster L3.

Info for manual annotations of cluster L4:
•Start number 138 was manually annotated 6 times for cluster L4.

Info for manual annotations of cluster M1:
•Start number 170 was manually annotated 15 times for cluster M1.

Info for manual annotations of cluster M2:
•Start number 170 was manually annotated 5 times for cluster M2.
•Start number 173 was manually annotated 1 time for cluster M2.

Info for manual annotations of cluster M3:
•Start number 170 was manually annotated 1 time for cluster M3.

Info for manual annotations of cluster N:
•Start number 227 was manually annotated 25 times for cluster N.
•Start number 230 was manually annotated 20 times for cluster N.
•Start number 249 was manually annotated 1 time for cluster N.

Info for manual annotations of cluster O:
•Start number 181 was manually annotated 17 times for cluster O.
•Start number 184 was manually annotated 14 times for cluster O.

Info for manual annotations of cluster P1:
•Start number 138 was manually annotated 43 times for cluster P1.

Info for manual annotations of cluster P2:
•Start number 138 was manually annotated 1 time for cluster P2.

Info for manual annotations of cluster P3:
•Start number 138 was manually annotated 1 time for cluster P3.

Info for manual annotations of cluster P4:
•Start number 138 was manually annotated 2 times for cluster P4.

Info for manual annotations of cluster P5:
•Start number 138 was manually annotated 2 times for cluster P5.

Info for manual annotations of cluster P6:
•Start number 138 was manually annotated 1 time for cluster P6.

Info for manual annotations of cluster Q:
•Start number 102 was manually annotated 20 times for cluster Q.
•Start number 153 was manually annotated 3 times for cluster Q.

Info for manual annotations of cluster S:
•Start number 170 was manually annotated 19 times for cluster S.

Info for manual annotations of cluster T:
•Start number 35 was manually annotated 1 time for cluster T.
•Start number 72 was manually annotated 6 times for cluster T.

Info for manual annotations of cluster UNK:
•Start number 87 was manually annotated 1 time for cluster UNK.

Info for manual annotations of cluster V:
•Start number 152 was manually annotated 5 times for cluster V.

Info for manual annotations of cluster Y:
•Start number 155 was manually annotated 6 times for cluster Y.

Info for manual annotations of cluster Z:
•Start number 115 was manually annotated 1 time for cluster Z.

Gene Information:

Gene: 20ES_12 Start: 7443, Stop: 9233, Start Num: 103
Candidate Starts for 20ES_12:
(27, 7269), (Start: 103 @7443 has 236 MA's), (Start: 217 @7551 has 1 MA's), (234, 7572), (298, 7680), (512, 7965), (513, 7968), (581, 8076), (620, 8166), (631, 8190), (704, 8307), (722, 8322), (916, 8622), (1088, 8808), (1113, 8835), (1129, 8856), (1193, 8952), (1405, 9189), (1433, 9216), (1435, 9219),

Gene: 244_9 Start: 2277, Stop: 3947, Start Num: 394
Candidate Starts for 244_9:
(Start: 394 @2277 has 48 MA's), (427, 2340), (551, 2574), (598, 2676), (693, 2856), (710, 2880), (724, 2898), (732, 2910), (768, 2973), (776, 2985), (808, 3030), (815, 3045), (873, 3123), (911, 3168), (934, 3222), (935, 3228), (1000, 3342), (1104, 3486), (1124, 3522), (1218, 3675), (1232, 3687), (1279, 3744), (1307, 3780), (1346, 3831), (1372, 3867), (1374, 3870), (1438, 3936),

Gene: 32HC_3 Start: 878, Stop: 2545, Start Num: 115
Candidate Starts for 32HC_3:
(93, 851), (106, 866), (Start: 115 @878 has 1 MA's), (Start: 318 @1085 has 1 MA's), (431, 1238), (444, 1244), (578, 1460), (583, 1472), (675, 1631), (699, 1676), (706, 1694), (766, 1781), (778, 1802), (794, 1823), (826, 1868), (891, 1931), (919, 1958), (1063, 2120), (1074, 2129), (1139, 2192), (1150, 2207), (1187, 2252), (1206, 2276), (1317, 2378), (1377, 2447),

Gene: 40AC_15 Start: 9493, Stop: 11244, Start Num: 103
Candidate Starts for 40AC_15:
(Start: 103 @9493 has 236 MA's), (Start: 119 @9511 has 2 MA's), (241, 9622), (281, 9688), (298, 9721), (300, 9724), (513, 10006), (538, 10045), (581, 10114), (593, 10138), (594, 10141), (620, 10204), (631, 10228), (693, 10327), (718, 10357), (722, 10360), (813, 10528), (825, 10546), (983, 10720), (999, 10744), (1080, 10807), (1129, 10867), (1193, 10963), (1279, 11053), (1372, 11167), (1374, 11170), (1405, 11200), (1433, 11227), (1435, 11230),

Gene: 8UZL_5 Start: 1795, Stop: 3459, Start Num: 170
Candidate Starts for 8UZL_5:
(Start: 170 @1795 has 103 MA's), (222, 1834), (241, 1858), (362, 1987), (479, 2119), (485, 2134), (490, 2149), (513, 2194), (543, 2242), (569, 2278), (594, 2335), (603, 2359), (625, 2395), (748, 2593), (760, 2608), (780, 2647), (874, 2794), (983, 2914), (1088, 3019), (1165, 3127), (1188, 3157), (1214, 3184), (1226, 3196), (1269, 3232), (1270, 3235), (1346, 3328), (1387, 3385),

Gene: A6_09 Start: 6581, Stop: 8269, Start Num: 102
Candidate Starts for A6_09:
(Start: 102 @6581 has 400 MA's), (Start: 309 @6761 has 15 MA's), (381, 6845), (408, 6881), (424, 6908), (513, 7031), (535, 7064), (581, 7139), (620, 7229), (631, 7253), (647, 7280), (679, 7328), (774, 7484), (809, 7544), (1009, 7778), (1021, 7790), (1080, 7832), (1100, 7853), (1117, 7880), (1193, 7988), (1279, 8078), (1365, 8183),

Gene: ACFishhook_13 Start: 7110, Stop: 8810, Start Num: 105
Candidate Starts for ACFishhook_13:
(Start: 105 @7110 has 85 MA's), (Start: 145 @7158 has 1 MA's), (302, 7293), (513, 7572), (620, 7770), (675, 7860), (718, 7923), (735, 7962), (809, 8085), (983, 8283), (999, 8307), (1001, 8310), (1080, 8373), (1088, 8385), (1100, 8394), (1129, 8433), (1193, 8529), (1241, 8583), (1279, 8619), (1405, 8766), (1435, 8796), (1438, 8799),

Gene: AEgle_2 Start: 537, Stop: 2243, Start Num: 124
Candidate Starts for AEgle_2:
(Start: 124 @537 has 46 MA's), (Start: 232 @624 has 1 MA's), (486, 909), (513, 966), (525, 987), (546, 1014), (595, 1104), (693, 1278), (881, 1530), (983, 1653), (1146, 1833), (1193, 1908), (1209, 1923), (1292, 2058), (1325, 2094), (1363, 2142), (1381, 2166),

Gene: AFIS_11 Start: 6918, Stop: 8606, Start Num: 102
Candidate Starts for AFIS_11:
(Start: 102 @6918 has 400 MA's), (Start: 309 @7098 has 15 MA's), (381, 7182), (408, 7218), (424, 7245), (513, 7368), (581, 7476), (620, 7566), (631, 7590), (647, 7617), (679, 7665), (774, 7821), (809, 7881), (1001, 8106), (1009, 8115), (1021, 8127), (1080, 8169), (1100, 8190), (1117, 8217), (1193, 8325), (1279, 8415), (1365, 8520),

Gene: AGrandiflora_2 Start: 533, Stop: 2239, Start Num: 124
Candidate Starts for AGrandiflora_2:
(Start: 124 @533 has 46 MA's), (486, 905), (513, 962), (546, 1010), (595, 1100), (623, 1154), (693, 1274), (748, 1364), (881, 1526), (983, 1649), (1193, 1904), (1209, 1919), (1250, 1973), (1292, 2054), (1381, 2162),

Gene: AN3_12 Start: 7428, Stop: 9218, Start Num: 103
Candidate Starts for AN3_12:
(Start: 103 @7428 has 236 MA's), (Start: 217 @7536 has 1 MA's), (234, 7557), (298, 7665), (513, 7953), (581, 8061), (620, 8151), (631, 8175), (704, 8292), (722, 8307), (916, 8607), (1088, 8793), (1113, 8820), (1129, 8841), (1193, 8937), (1405, 9174), (1433, 9201), (1435, 9204),

Gene: AN9_15 Start: 7374, Stop: 9164, Start Num: 103
Candidate Starts for AN9_15:
(53, 7296), (83, 7347), (Start: 103 @7374 has 236 MA's), (Start: 217 @7482 has 1 MA's), (234, 7503), (278, 7569), (298, 7611), (314, 7635), (424, 7773), (512, 7893), (513, 7896), (581, 8007), (620, 8097), (631, 8121), (675, 8187), (696, 8223), (718, 8250), (722, 8253), (916, 8553), (983, 8640), (1006, 8673), (1088, 8739), (1113, 8766), (1129, 8787), (1182, 8871), (1193, 8883), (1281, 8976), (1295, 8991), (1405, 9120), (1433, 9147), (1435, 9150),

Gene: ANI8_15 Start: 7374, Stop: 9164, Start Num: 103
Candidate Starts for ANI8_15:
(53, 7296), (83, 7347), (Start: 103 @7374 has 236 MA's), (Start: 217 @7482 has 1 MA's), (234, 7503), (278, 7569), (298, 7611), (314, 7635), (424, 7773), (512, 7893), (513, 7896), (581, 8007), (620, 8097), (631, 8121), (675, 8187), (696, 8223), (718, 8250), (722, 8253), (916, 8553), (983, 8640), (1006, 8673), (1088, 8739), (1113, 8766), (1129, 8787), (1182, 8871), (1193, 8883), (1281, 8976), (1295, 8991), (1405, 9120), (1433, 9147), (1435, 9150),

Gene: ATCC29399BC_2 Start: 378, Stop: 1889, Start Num: 228
Candidate Starts for ATCC29399BC_2:
(Start: 228 @378 has 40 MA's), (Start: 262 @417 has 67 MA's), (274, 435), (314, 480), (Start: 333 @507 has 4 MA's), (334, 510), (Start: 393 @558 has 3 MA's), (Start: 400 @567 has 2 MA's), (405, 573), (419, 603), (424, 612), (426, 618), (465, 651), (474, 669), (485, 693), (487, 699), (506, 738), (512,

747), (513, 750), (533, 789), (535, 792), (572, 861), (591, 906), (593, 909), (602, 930), (607, 945), (611, 954), (618, 966), (653, 1026), (667, 1044), (669, 1047), (674, 1053), (681, 1068), (745, 1134), (763, 1155), (776, 1179), (797, 1206), (809, 1227), (855, 1293), (922, 1326), (954, 1356), (973, 1398), (1054, 1476), (1062, 1485), (1075, 1497), (1112, 1530), (1130, 1551), (1131, 1554), (1134, 1557), (1160, 1599), (1172, 1605), (1184, 1620), (1190, 1626), (1278, 1704), (1280, 1707), (1290, 1719), (1299, 1731), (1366, 1797), (1373, 1806), (1378, 1812), (1385, 1821), (1433, 1875), (1443, 1881),

Gene: ATCC29399BT_2 Start: 385, Stop: 1896, Start Num: 228
Candidate Starts for ATCC29399BT_2:
(Start: 228 @385 has 40 MA's), (274, 442), (Start: 297 @469 has 6 MA's), (314, 487), (Start: 333 @514 has 4 MA's), (334, 517), (Start: 393 @565 has 3 MA's), (Start: 400 @574 has 2 MA's), (405, 580), (424, 619), (426, 625), (465, 658), (474, 676), (485, 700), (487, 706), (506, 745), (512, 754), (513, 757), (533, 796), (535, 799), (572, 868), (591, 913), (593, 916), (602, 937), (607, 952), (611, 961), (618, 973), (641, 1012), (653, 1033), (664, 1048), (667, 1051), (669, 1054), (681, 1075), (745, 1141), (797, 1213), (809, 1234), (850, 1294), (855, 1300), (942, 1342), (954, 1363), (973, 1405), (1054, 1483), (1062, 1492), (1075, 1504), (1079, 1510), (1112, 1537), (1130, 1558), (1131, 1561), (1143, 1576), (1160, 1606), (1170, 1609), (1190, 1633), (1206, 1654), (1226, 1678), (1278, 1711), (1280, 1714), (1290, 1726), (1299, 1738), (1366, 1804), (1373, 1813), (1378, 1819), (1385, 1828), (1433, 1882), (1443, 1888),

Gene: Aaronocolus_6 Start: 2402, Stop: 4048, Start Num: 95
Candidate Starts for Aaronocolus_6:
(Start: 95 @2402 has 98 MA's), (Start: 113 @2420 has 11 MA's), (Start: 330 @2624 has 14 MA's), (407, 2705), (504, 2840), (515, 2861), (575, 2948), (603, 3020), (620, 3044), (680, 3143), (722, 3197), (803, 3296), (838, 3356), (992, 3518), (997, 3527), (1088, 3617), (1113, 3644), (1164, 3722), (1165, 3725), (1193, 3764), (1214, 3785), (1219, 3791), (1236, 3809), (1325, 3905), (1372, 3965),

Gene: AbbeyMikolon_2 Start: 631, Stop: 2349, Start Num: 332
Candidate Starts for AbbeyMikolon_2:
(313, 601), (Start: 332 @631 has 1 MA's), (Start: 337 @643 has 1 MA's), (348, 655), (361, 682), (376, 712), (427, 802), (441, 832), (487, 901), (489, 907), (516, 967), (526, 985), (566, 1063), (598, 1135), (601, 1141), (606, 1156), (611, 1168), (628, 1195), (660, 1261), (675, 1276), (710, 1333), (732, 1360), (783, 1447), (807, 1471), (926, 1645), (994, 1759), (1008, 1780), (1033, 1810), (1056, 1840), (1158, 2017), (1164, 2032), (1197, 2080), (1212, 2101), (1332, 2233), (1372, 2287), (1374, 2290),

Gene: AbbyDaisy_3 Start: 789, Stop: 2126, Start Num: 336
Candidate Starts for AbbyDaisy_3:
(Start: 238 @669 has 22 MA's), (334, 786), (Start: 336 @789 has 12 MA's), (365, 837), (Start: 397 @882 has 4 MA's), (451, 966), (463, 972), (487, 1023), (490, 1032), (607, 1218), (611, 1227), (613, 1230), (640, 1269), (641, 1272), (690, 1335), (786, 1410), (820, 1467), (967, 1638), (975, 1653), (1025, 1713), (1042, 1722), (1075, 1743), (1146, 1821), (1150, 1830), (1187, 1875), (1199, 1887), (1208, 1902), (1235, 1932), (1260, 1953), (1353, 2058),

Gene: AbbyPaige_14 Start: 7888, Stop: 9675, Start Num: 103
Candidate Starts for AbbyPaige_14:
(Start: 103 @7888 has 236 MA's), (Start: 217 @7996 has 1 MA's), (234, 8017), (278, 8083), (280, 8089), (298, 8125), (314, 8149), (362, 8212), (512, 8407), (513, 8410), (581, 8518), (620, 8608), (631, 8632), (679, 8707), (704, 8749), (722, 8764), (916, 9064), (1088, 9250), (1113, 9277), (1129, 9298), (1193, 9394), (1405, 9631), (1435, 9661),

Gene: AbbysRanger_11 Start: 6893, Stop: 8590, Start Num: 102
Candidate Starts for AbbysRanger_11:
(Start: 102 @6893 has 400 MA's), (Start: 124 @6917 has 46 MA's), (381, 7163), (469, 7268), (512, 7346), (513, 7349), (538, 7388), (581, 7457), (593, 7481), (620, 7547), (675, 7637), (774, 7802), (825,

7889), (848, 7922), (953, 8015), (983, 8063), (999, 8087), (1080, 8153), (1113, 8192), (1129, 8213), (1193, 8309), (1402, 8543), (1405, 8546), (1435, 8576), (1438, 8579),

Gene: Abbyshoes_12 Start: 7007, Stop: 8695, Start Num: 102
Candidate Starts for Abbyshoes_12:
(Start: 102 @7007 has 400 MA's), (Start: 309 @7187 has 15 MA's), (381, 7271), (408, 7307), (424, 7334), (513, 7457), (581, 7565), (620, 7655), (631, 7679), (647, 7706), (679, 7754), (728, 7823), (774, 7910), (809, 7970), (1001, 8195), (1009, 8204), (1021, 8216), (1080, 8258), (1100, 8279), (1117, 8306), (1193, 8414), (1279, 8504), (1365, 8609),

Gene: Abdiel_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Abdiel_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Abidatro_3 Start: 758, Stop: 2338, Start Num: 238
Candidate Starts for Abidatro_3:
(Start: 171 @692 has 16 MA's), (Start: 238 @758 has 22 MA's), (Start: 309 @854 has 15 MA's), (314, 863), (Start: 397 @944 has 4 MA's), (424, 995), (431, 1010), (463, 1034), (474, 1055), (488, 1088), (569, 1193), (598, 1256), (620, 1307), (625, 1319), (631, 1331), (665, 1388), (700, 1448), (731, 1487), (734, 1496), (774, 1550), (954, 1766), (961, 1778), (983, 1817), (1003, 1844), (1020, 1859), (1048, 1889), (1096, 1928), (1102, 1937), (1110, 1946), (1176, 2036), (1200, 2063), (1305, 2177), (1364, 2246),

Gene: Abigail_3 Start: 689, Stop: 2317, Start Num: 225
Candidate Starts for Abigail_3:
(Start: 225 @689 has 84 MA's), (339, 845), (431, 953), (490, 1037), (518, 1079), (569, 1136), (594, 1187), (595, 1190), (620, 1250), (628, 1268), (643, 1298), (662, 1328), (1003, 1784), (1020, 1799), (1328, 2150), (1369, 2198), (1464, 2306),

Gene: Abrogate_120 Start: 7663, Stop: 9351, Start Num: 102
Candidate Starts for Abrogate_120:
(Start: 102 @7663 has 400 MA's), (381, 7927), (402, 7951), (513, 8113), (535, 8146), (581, 8221), (620, 8311), (631, 8335), (647, 8362), (679, 8410), (774, 8566), (809, 8626), (1001, 8851), (1009, 8860), (1021, 8872), (1080, 8914), (1100, 8935), (1117, 8962), (1193, 9070), (1279, 9160), (1365, 9265),

Gene: Abscondus_29 Start: 8433, Stop: 10181, Start Num: 148
Candidate Starts for Abscondus_29:
(Start: 148 @8433 has 26 MA's), (Start: 176 @8463 has 3 MA's), (323, 8589), (325, 8592), (417, 8706), (457, 8778), (473, 8817), (488, 8841), (512, 8889), (529, 8916), (645, 9138), (654, 9156), (756, 9318), (787, 9366), (797, 9381), (963, 9564), (966, 9570), (1026, 9654), (1086, 9741), (1115, 9774), (1198, 9888), (1229, 9924), (1250, 9948), (1258, 9963), (1412, 10137), (1418, 10143),

Gene: Acai_7 Start: 3707, Stop: 5446, Start Num: 307
Candidate Starts for Acai_7:
(277, 3653), (Start: 307 @3707 has 198 MA's), (367, 3806), (433, 3926), (435, 3929), (485, 4025), (502, 4067), (516, 4097), (532, 4127), (556, 4175), (572, 4196), (611, 4298), (644, 4367), (656, 4391), (709, 4481), (750, 4553), (791, 4628), (805, 4652), (872, 4757), (892, 4781), (956, 4862), (1053, 4976), (1071, 4994), (1076, 5000), (1120, 5063), (1123, 5066), (1223, 5204), (1273, 5270), (1290, 5294),

(1299, 5306), (1370, 5396), (1372, 5399),

Gene: AceofSpades_2 Start: 553, Stop: 2283, Start Num: 95
Candidate Starts for AceofSpades_2:
(Start: 95 @553 has 98 MA's), (Start: 232 @667 has 1 MA's), (362, 811), (471, 931), (477, 940), (504, 991), (513, 1009), (546, 1057), (595, 1150), (748, 1414), (1001, 1726), (1146, 1879), (1193, 1954), (1209, 1969), (1268, 2047), (1292, 2098), (1381, 2206), (1442, 2269),

Gene: Achebe_11 Start: 6881, Stop: 8578, Start Num: 102
Candidate Starts for Achebe_11:
(Start: 102 @6881 has 400 MA's), (Start: 124 @6905 has 46 MA's), (381, 7151), (469, 7256), (512, 7334), (513, 7337), (538, 7376), (581, 7445), (593, 7469), (620, 7535), (675, 7625), (774, 7790), (803, 7835), (825, 7877), (848, 7910), (923, 7976), (981, 8048), (983, 8051), (999, 8075), (1080, 8141), (1113, 8180), (1129, 8201), (1193, 8297), (1402, 8531), (1405, 8534), (1435, 8564), (1438, 8567),

Gene: Acme_13 Start: 7354, Stop: 9042, Start Num: 110
Candidate Starts for Acme_13:
(Start: 110 @7354 has 24 MA's), (302, 7525), (Start: 309 @7534 has 15 MA's), (381, 7618), (Start: 403 @7645 has 1 MA's), (408, 7654), (513, 7804), (535, 7837), (581, 7912), (620, 8002), (631, 8026), (647, 8053), (679, 8101), (774, 8257), (809, 8317), (1001, 8542), (1009, 8551), (1021, 8563), (1080, 8605), (1100, 8626), (1117, 8653), (1193, 8761), (1279, 8851), (1365, 8956),

Gene: Acolyte_12 Start: 7615, Stop: 9396, Start Num: 103
Candidate Starts for Acolyte_12:
(Start: 103 @7615 has 236 MA's), (241, 7747), (278, 7804), (298, 7846), (424, 8008), (487, 8077), (512, 8128), (513, 8131), (538, 8170), (581, 8239), (620, 8329), (631, 8353), (693, 8452), (722, 8485), (1088, 8971), (1113, 8998), (1129, 9019), (1193, 9115), (1405, 9352), (1433, 9379), (1435, 9382),

Gene: Acquire49_4 Start: 1052, Stop: 2635, Start Num: 138
Candidate Starts for Acquire49_4:
(Start: 138 @1052 has 120 MA's), (Start: 142 @1058 has 6 MA's), (293, 1229), (361, 1316), (396, 1334), (402, 1340), (419, 1376), (513, 1514), (515, 1517), (566, 1592), (591, 1646), (593, 1649), (594, 1652), (710, 1820), (762, 1874), (766, 1883), (776, 1898), (791, 1919), (813, 1958), (827, 1979), (832, 1985), (855, 2012), (900, 2054), (942, 2078), (954, 2096), (959, 2105), (962, 2111), (977, 2144), (1009, 2177), (1050, 2216), (1057, 2222), (1060, 2225), (1116, 2270), (1172, 2336), (1213, 2387), (1226, 2402), (1234, 2411), (1263, 2426), (1266, 2429), (1373, 2531), (1394, 2558), (1448, 2609), (1450, 2612),

Gene: ActinUp_8 Start: 1587, Stop: 3008, Start Num: 247
Candidate Starts for ActinUp_8:
(Start: 165 @1515 has 76 MA's), (Start: 230 @1575 has 31 MA's), (Start: 247 @1587 has 171 MA's), (Start: 336 @1698 has 12 MA's), (342, 1704), (391, 1782), (402, 1791), (425, 1839), (444, 1857), (487, 1926), (514, 1968), (517, 1974), (532, 2001), (533, 2004), (607, 2121), (611, 2130), (675, 2211), (792, 2325), (820, 2373), (827, 2385), (851, 2415), (870, 2439), (880, 2451), (893, 2466), (959, 2529), (962, 2535), (1112, 2679), (1146, 2712), (1187, 2766), (1353, 2943), (1425, 2997),

Gene: Adahisdi_12 Start: 7246, Stop: 8934, Start Num: 102
Candidate Starts for Adahisdi_12:
(Start: 102 @7246 has 400 MA's), (381, 7510), (402, 7534), (513, 7696), (535, 7729), (581, 7804), (620, 7894), (631, 7918), (647, 7945), (679, 7993), (774, 8149), (809, 8209), (1001, 8434), (1009, 8443), (1021, 8455), (1080, 8497), (1100, 8518), (1117, 8545), (1193, 8653), (1279, 8743), (1365, 8848),

Gene: Adaia_3 Start: 651, Stop: 2057, Start Num: 240
Candidate Starts for Adaia_3:
(Start: 240 @651 has 3 MA's), (271, 693), (310, 744), (Start: 318 @759 has 1 MA's), (402, 843), (419, 879), (424, 888), (425, 891), (444, 909), (513, 1017), (543, 1056), (585, 1128), (586, 1131), (606, 1176), (622, 1209), (641, 1233), (647, 1242), (661, 1266), (827, 1473), (889, 1533), (977, 1650), (1132, 1797), (1172, 1836), (1174, 1839), (1228, 1893), (1267, 1917), (1299, 1929), (1339, 1974), (1396, 2043),

Gene: AddiRose_12 Start: 7437, Stop: 9197, Start Num: 309
Candidate Starts for AddiRose_12:
(Start: 305 @7431 has 33 MA's), (Start: 309 @7437 has 15 MA's), (367, 7533), (505, 7809), (516, 7833), (533, 7866), (556, 7911), (572, 7932), (608, 8025), (644, 8103), (666, 8139), (750, 8289), (805, 8388), (841, 8451), (847, 8460), (892, 8517), (950, 8601), (956, 8613), (1071, 8745), (1109, 8790), (1120, 8814), (1123, 8817), (1190, 8910), (1232, 8967), (1290, 9045), (1299, 9057), (1336, 9105), (1363, 9138), (1372, 9150),

Gene: Adelaide_2 Start: 371, Stop: 1957, Start Num: 218
Candidate Starts for Adelaide_2:
(Start: 218 @371 has 8 MA's), (Start: 220 @374 has 6 MA's), (Start: 225 @380 has 84 MA's), (350, 551), (Start: 397 @629 has 4 MA's), (Start: 403 @638 has 1 MA's), (513, 812), (587, 914), (591, 920), (595, 929), (598, 938), (623, 998), (648, 1046), (650, 1049), (748, 1112), (809, 1205), (867, 1271), (983, 1427), (998, 1445), (1049, 1490), (1080, 1532), (1114, 1568), (1122, 1583), (1142, 1610), (1146, 1613), (1154, 1628), (1183, 1661), (1197, 1676), (1235, 1724), (1291, 1772), (1350, 1847), (1411, 1922), (1448, 1946),

Gene: Adephagia_8 Start: 1587, Stop: 3008, Start Num: 247
Candidate Starts for Adephagia_8:
(Start: 165 @1515 has 76 MA's), (Start: 230 @1575 has 31 MA's), (Start: 247 @1587 has 171 MA's), (Start: 336 @1698 has 12 MA's), (342, 1704), (391, 1782), (402, 1791), (425, 1839), (444, 1857), (487, 1926), (514, 1968), (517, 1974), (532, 2001), (533, 2004), (607, 2121), (611, 2130), (675, 2211), (792, 2325), (820, 2373), (827, 2385), (851, 2415), (870, 2439), (880, 2451), (893, 2466), (959, 2529), (962, 2535), (1112, 2679), (1146, 2712), (1187, 2766), (1353, 2943), (1425, 2997),

Gene: Adnama_10 Start: 2509, Stop: 4179, Start Num: 394
Candidate Starts for Adnama_10:
(Start: 394 @2509 has 48 MA's), (427, 2572), (551, 2806), (598, 2908), (693, 3088), (710, 3112), (724, 3130), (732, 3142), (768, 3205), (776, 3217), (808, 3262), (815, 3277), (873, 3355), (911, 3400), (934, 3454), (935, 3460), (1000, 3574), (1037, 3622), (1104, 3718), (1116, 3739), (1124, 3754), (1218, 3907), (1232, 3919), (1279, 3976), (1307, 4012), (1346, 4063), (1372, 4099), (1374, 4102), (1438, 4168),

Gene: Adolin_2 Start: 534, Stop: 2240, Start Num: 128
Candidate Starts for Adolin_2:
(13, 240), (14, 243), (Start: 128 @534 has 7 MA's), (Start: 143 @555 has 16 MA's), (Start: 232 @621 has 1 MA's), (486, 906), (513, 963), (595, 1101), (604, 1125), (623, 1155), (645, 1200), (693, 1275), (851, 1488), (881, 1527), (1165, 1869), (1193, 1905), (1209, 1920), (1226, 1938), (1292, 2055), (1325, 2091), (1372, 2151), (1381, 2163),

Gene: Adonis_8 Start: 1604, Stop: 3025, Start Num: 247
Candidate Starts for Adonis_8:
(Start: 165 @1532 has 76 MA's), (Start: 230 @1592 has 31 MA's), (Start: 247 @1604 has 171 MA's), (Start: 336 @1715 has 12 MA's), (342, 1721), (391, 1799), (402, 1808), (425, 1856), (444, 1874), (487, 1943), (514, 1985), (517, 1991), (532, 2018), (533, 2021), (607, 2138), (611, 2147), (675, 2228), (792,

2342), (820, 2390), (827, 2402), (851, 2432), (870, 2456), (880, 2468), (959, 2546), (962, 2552), (1112, 2696), (1146, 2729), (1187, 2783), (1353, 2960), (1425, 3014),

Gene: AdoptaAdorbs_2 Start: 370, Stop: 1992, Start Num: 193
Candidate Starts for AdoptaAdorbs_2:
(Start: 171 @349 has 16 MA's), (Start: 193 @370 has 21 MA's), (Start: 397 @601 has 4 MA's), (399, 604), (405, 613), (422, 649), (431, 667), (488, 745), (569, 850), (620, 964), (631, 988), (650, 1024), (665, 1045), (677, 1060), (713, 1120), (774, 1204), (954, 1420), (961, 1432), (975, 1459), (1003, 1498), (1009, 1504), (1048, 1543), (1080, 1570), (1096, 1582), (1117, 1615), (1126, 1627), (1151, 1660), (1305, 1831), (1364, 1900), (1369, 1906), (1385, 1927), (1403, 1948), (1447, 1978), (1449, 1981), (1451, 1984),

Gene: Adora_2 Start: 318, Stop: 1901, Start Num: 151
Candidate Starts for Adora_2:
(Start: 151 @318 has 55 MA's), (259, 426), (Start: 318 @504 has 1 MA's), (342, 537), (419, 618), (421, 621), (425, 630), (465, 666), (491, 726), (566, 816), (568, 819), (583, 855), (607, 912), (611, 921), (620, 936), (675, 1008), (680, 1020), (723, 1071), (778, 1137), (808, 1179), (919, 1293), (959, 1338), (962, 1344), (971, 1365), (1054, 1455), (1057, 1458), (1109, 1500), (1142, 1536), (1146, 1539), (1172, 1575), (1187, 1593), (1216, 1629), (1280, 1680), (1334, 1743), (1371, 1785), (1408, 1827),

Gene: Adumb2043_2 Start: 537, Stop: 2243, Start Num: 124
Candidate Starts for Adumb2043_2:
(Start: 124 @537 has 46 MA's), (Start: 232 @624 has 1 MA's), (486, 909), (513, 966), (525, 987), (546, 1014), (595, 1104), (693, 1278), (881, 1530), (983, 1653), (1146, 1833), (1193, 1908), (1209, 1923), (1292, 2058), (1325, 2094), (1363, 2142), (1372, 2154), (1381, 2166), (1442, 2229),

Gene: Adzzy_13 Start: 6261, Stop: 8045, Start Num: 103
Candidate Starts for Adzzy_13:
(Start: 103 @6261 has 236 MA's), (298, 6492), (362, 6579), (490, 6732), (512, 6774), (513, 6777), (581, 6888), (593, 6912), (594, 6915), (620, 6978), (631, 7002), (722, 7134), (1113, 7647), (1129, 7668), (1182, 7752), (1193, 7764), (1281, 7857), (1295, 7872), (1405, 8001), (1433, 8028), (1435, 8031),

Gene: Aeneas_13 Start: 7341, Stop: 9029, Start Num: 102
Candidate Starts for Aeneas_13:
(Start: 102 @7341 has 400 MA's), (381, 7605), (402, 7629), (513, 7791), (535, 7824), (581, 7899), (620, 7989), (631, 8013), (647, 8040), (679, 8088), (774, 8244), (809, 8304), (1001, 8529), (1009, 8538), (1021, 8550), (1080, 8592), (1100, 8613), (1117, 8640), (1193, 8748), (1279, 8838), (1365, 8943),

Gene: Aflac_17 Start: 10511, Stop: 12256, Start Num: 307
Candidate Starts for Aflac_17:
(Start: 307 @10511 has 198 MA's), (310, 10517), (363, 10604), (367, 10610), (387, 10646), (417, 10700), (502, 10877), (556, 10985), (572, 11006), (589, 11048), (599, 11075), (644, 11177), (680, 11234), (709, 11291), (722, 11303), (750, 11363), (805, 11462), (808, 11468), (841, 11525), (892, 11591), (1053, 11786), (1111, 11852), (1120, 11873), (1123, 11876), (1249, 12056), (1288, 12101), (1290, 12104), (1299, 12116), (1370, 12206), (1372, 12209),

Gene: Agaliana_11 Start: 7055, Stop: 8743, Start Num: 102
Candidate Starts for Agaliana_11:
(Start: 102 @7055 has 400 MA's), (Start: 309 @7235 has 15 MA's), (381, 7319), (408, 7355), (424, 7382), (513, 7505), (581, 7613), (620, 7703), (631, 7727), (679, 7802), (774, 7958), (809, 8018), (1001, 8243), (1009, 8252), (1021, 8264), (1080, 8306), (1100, 8327), (1117, 8354), (1193, 8462), (1279,

8552), (1365, 8657),

Gene: Agamotto_6 Start: 4384, Stop: 5916, Start Num: 208
Candidate Starts for Agamotto_6:
(Start: 208 @4384 has 5 MA's), (Start: 297 @4471 has 6 MA's), (405, 4591), (458, 4654), (495, 4741), (602, 4951), (611, 4975), (618, 4987), (650, 5044), (750, 5200), (765, 5221), (808, 5287), (810, 5293), (1150, 5653), (1228, 5719),

Gene: Agape74_14 Start: 7888, Stop: 9675, Start Num: 103
Candidate Starts for Agape74_14:
(Start: 103 @7888 has 236 MA's), (Start: 217 @7996 has 1 MA's), (234, 8017), (278, 8083), (280, 8089), (298, 8125), (314, 8149), (362, 8212), (512, 8407), (513, 8410), (581, 8518), (620, 8608), (631, 8632), (679, 8707), (704, 8749), (722, 8764), (916, 9064), (1088, 9250), (1113, 9277), (1129, 9298), (1193, 9394), (1405, 9631), (1435, 9661),

Gene: Agatha_4 Start: 1113, Stop: 2792, Start Num: 170
Candidate Starts for Agatha_4:
(Start: 170 @1113 has 103 MA's), (Start: 232 @1164 has 1 MA's), (Start: 249 @1185 has 1 MA's), (Start: 251 @1188 has 3 MA's), (304, 1230), (362, 1311), (415, 1377), (424, 1386), (485, 1458), (490, 1473), (509, 1509), (513, 1518), (543, 1569), (595, 1668), (623, 1722), (645, 1758), (735, 1902), (760, 1938), (780, 1977), (798, 2010), (848, 2091), (866, 2115), (921, 2148), (954, 2181), (981, 2238), (987, 2247), (1076, 2331), (1100, 2358), (1146, 2418), (1214, 2514), (1282, 2586), (1292, 2598), (1394, 2718), (1454, 2778), (1456, 2781),

Gene: Agent47_6 Start: 1331, Stop: 2758, Start Num: 262
Candidate Starts for Agent47_6:
(Start: 262 @1331 has 67 MA's), (310, 1388), (Start: 322 @1409 has 1 MA's), (Start: 336 @1433 has 12 MA's), (391, 1517), (402, 1526), (405, 1532), (425, 1574), (444, 1592), (463, 1610), (487, 1661), (505, 1700), (532, 1736), (591, 1814), (607, 1856), (611, 1865), (613, 1868), (675, 1946), (792, 2060), (820, 2108), (827, 2120), (851, 2150), (880, 2186), (903, 2213), (962, 2270), (1042, 2354), (1064, 2378), (1142, 2456), (1187, 2513), (1208, 2537), (1235, 2561), (1353, 2690), (1425, 2747),

Gene: AgentM_9 Start: 6239, Stop: 8017, Start Num: 54
Candidate Starts for AgentM_9:
(Start: 54 @6239 has 19 MA's), (Start: 67 @6266 has 32 MA's), (Start: 115 @6335 has 1 MA's), (147, 6374), (Start: 237 @6449 has 1 MA's), (241, 6455), (362, 6587), (424, 6662), (425, 6665), (523, 6800), (551, 6839), (567, 6863), (620, 6971), (641, 7016), (690, 7094), (693, 7100), (793, 7265), (812, 7298), (825, 7319), (983, 7493), (999, 7517), (1001, 7520), (1080, 7580), (1088, 7592), (1113, 7619), (1129, 7640), (1182, 7724), (1193, 7736), (1405, 7973), (1438, 8006), (1443, 8012),

Gene: Ageofdapage_8 Start: 1536, Stop: 2957, Start Num: 247
Candidate Starts for Ageofdapage_8:
(Start: 165 @1464 has 76 MA's), (Start: 230 @1524 has 31 MA's), (Start: 247 @1536 has 171 MA's), (Start: 336 @1647 has 12 MA's), (342, 1653), (391, 1731), (402, 1740), (425, 1788), (444, 1806), (463, 1824), (487, 1875), (514, 1917), (517, 1923), (532, 1950), (533, 1953), (591, 2028), (607, 2070), (611, 2079), (675, 2160), (792, 2274), (820, 2322), (827, 2334), (851, 2364), (870, 2388), (880, 2400), (893, 2415), (962, 2484), (1112, 2628), (1146, 2661), (1187, 2715), (1353, 2892), (1425, 2946),

Gene: Aggie_2 Start: 501, Stop: 2036, Start Num: 227
Candidate Starts for Aggie_2:
(Start: 227 @501 has 25 MA's), (Start: 230 @504 has 31 MA's), (246, 516), (Start: 249 @519 has 1 MA's), (292, 576), (Start: 307 @594 has 198 MA's), (316, 606), (390, 678), (Start: 403 @696 has 1 MA's), (412, 714), (422, 735), (474, 798), (490, 837), (507, 870), (539, 918), (583, 1002), (593, 1017),

(613, 1068), (618, 1077), (637, 1101), (659, 1140), (661, 1143), (677, 1155), (747, 1281), (766, 1305), (808, 1368), (878, 1452), (950, 1524), (962, 1548), (981, 1590), (987, 1599), (1043, 1656), (1080, 1695), (1136, 1752), (1146, 1758), (1152, 1761), (1187, 1782), (1226, 1830), (1278, 1866), (1349, 1947), (1353, 1953),

Gene: Aglet_13 Start: 6958, Stop: 8658, Start Num: 105
Candidate Starts for Aglet_13:
(Start: 105 @6958 has 85 MA's), (Start: 145 @7006 has 1 MA's), (302, 7141), (467, 7333), (513, 7420), (620, 7618), (675, 7708), (718, 7771), (809, 7933), (983, 8131), (999, 8155), (1001, 8158), (1080, 8221), (1100, 8242), (1129, 8281), (1193, 8377), (1241, 8431), (1279, 8467), (1405, 8614), (1435, 8644), (1438, 8647),

Gene: AgronaGT15_13 Start: 6865, Stop: 8565, Start Num: 105
Candidate Starts for AgronaGT15_13:
(Start: 105 @6865 has 85 MA's), (Start: 145 @6913 has 1 MA's), (302, 7048), (467, 7240), (513, 7327), (620, 7525), (675, 7615), (718, 7678), (809, 7840), (983, 8038), (999, 8062), (1001, 8065), (1080, 8128), (1100, 8149), (1129, 8188), (1193, 8284), (1241, 8338), (1279, 8374), (1405, 8521), (1435, 8551), (1438, 8554),

Gene: Agueybana_2 Start: 498, Stop: 2222, Start Num: 305
Candidate Starts for Agueybana_2:
(Start: 295 @483 has 6 MA's), (Start: 305 @498 has 33 MA's), (373, 588), (374, 591), (439, 702), (486, 771), (499, 804), (510, 828), (513, 834), (526, 858), (530, 864), (555, 915), (590, 987), (696, 1185), (728, 1227), (732, 1233), (782, 1317), (807, 1344), (885, 1455), (908, 1482), (959, 1575), (1013, 1659), (1191, 1932), (1194, 1935), (1197, 1941), (1212, 1962), (1241, 1995), (1245, 2001), (1281, 2049), (1289, 2058), (1307, 2082), (1332, 2100), (1374, 2157), (1439, 2214),

Gene: AikoCarson_3 Start: 805, Stop: 2487, Start Num: 170
Candidate Starts for AikoCarson_3:
(Start: 170 @805 has 103 MA's), (Start: 232 @856 has 1 MA's), (Start: 249 @877 has 1 MA's), (Start: 251 @880 has 3 MA's), (362, 1003), (Start: 403 @1042 has 1 MA's), (407, 1048), (415, 1069), (490, 1165), (509, 1201), (513, 1210), (543, 1261), (552, 1279), (595, 1360), (603, 1381), (623, 1414), (645, 1450), (735, 1594), (760, 1630), (780, 1669), (798, 1702), (825, 1750), (848, 1783), (866, 1807), (921, 1840), (981, 1930), (983, 1933), (987, 1939), (1076, 2023), (1080, 2029), (1113, 2068), (1146, 2110), (1330, 2329), (1394, 2410), (1454, 2473), (1456, 2476),

Gene: AinMach_2 Start: 571, Stop: 2274, Start Num: 124
Candidate Starts for AinMach_2:
(Start: 124 @571 has 46 MA's), (477, 928), (504, 979), (513, 997), (595, 1138), (623, 1192), (625, 1195), (693, 1312), (722, 1345), (808, 1459), (956, 1645), (983, 1687), (1193, 1942), (1209, 1957), (1226, 1975), (1234, 1984), (1250, 2011), (1272, 2059), (1325, 2125), (1381, 2197), (1416, 2230),

Gene: Airmid_9 Start: 6013, Stop: 7764, Start Num: 67
Candidate Starts for Airmid_9:
(Start: 54 @5986 has 19 MA's), (Start: 67 @6013 has 32 MA's), (Start: 108 @6073 has 1 MA's), (Start: 115 @6082 has 1 MA's), (147, 6121), (Start: 237 @6196 has 1 MA's), (241, 6202), (424, 6409), (425, 6412), (551, 6586), (620, 6718), (641, 6763), (690, 6841), (693, 6847), (793, 7012), (812, 7045), (825, 7066), (983, 7240), (999, 7264), (1113, 7366), (1129, 7387), (1163, 7441), (1182, 7471), (1193, 7483), (1241, 7537), (1402, 7717), (1405, 7720), (1438, 7753), (1443, 7759),

Gene: AizenPogi_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for AizenPogi_2:

(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Ajay_11 Start: 7051, Stop: 8739, Start Num: 102
Candidate Starts for Ajay_11:
(Start: 102 @7051 has 400 MA's), (381, 7315), (402, 7339), (513, 7501), (535, 7534), (581, 7609), (620, 7699), (631, 7723), (679, 7798), (774, 7954), (778, 7963), (808, 8011), (809, 8014), (1001, 8239), (1009, 8248), (1021, 8260), (1080, 8302), (1100, 8323), (1117, 8350), (1193, 8458), (1279, 8548), (1365, 8653),

Gene: Akhila_3 Start: 1235, Stop: 2872, Start Num: 155
Candidate Starts for Akhila_3:
(Start: 155 @1235 has 202 MA's), (168, 1250), (Start: 176 @1259 has 3 MA's), (182, 1265), (Start: 217 @1292 has 1 MA's), (Start: 247 @1316 has 171 MA's), (Start: 250 @1319 has 144 MA's), (Start: 318 @1382 has 1 MA's), (Start: 330 @1400 has 14 MA's), (353, 1421), (412, 1508), (414, 1514), (454, 1568), (473, 1580), (487, 1601), (488, 1604), (496, 1625), (508, 1646), (516, 1661), (548, 1718), (575, 1757), (602, 1826), (604, 1832), (621, 1862), (622, 1865), (627, 1874), (635, 1889), (647, 1907), (680, 1958), (740, 2060), (862, 2231), (874, 2243), (920, 2261), (983, 2327), (1005, 2357), (1007, 2360), (1010, 2363), (1080, 2420), (1097, 2435), (1101, 2441), (1104, 2444), (1113, 2459), (1117, 2468), (1164, 2537), (1190, 2567), (1196, 2576), (1225, 2609), (1250, 2642), (1265, 2669), (1297, 2702), (1320, 2729), (1325, 2732), (1349, 2753), (1365, 2777), (1372, 2786), (1374, 2789), (1429, 2846),

Gene: Akino08_3 Start: 952, Stop: 2577, Start Num: 225
Candidate Starts for Akino08_3:
(Start: 225 @952 has 84 MA's), (Start: 254 @988 has 2 MA's), (339, 1108), (431, 1216), (459, 1231), (490, 1300), (520, 1345), (594, 1450), (595, 1453), (620, 1513), (628, 1531), (630, 1534), (643, 1561), (662, 1591), (774, 1753), (956, 1969), (1003, 2044), (1015, 2056), (1328, 2410),

Gene: AlainaMarie_17 Start: 10501, Stop: 12246, Start Num: 307
Candidate Starts for AlainaMarie_17:
(Start: 307 @10501 has 198 MA's), (310, 10507), (363, 10594), (367, 10600), (387, 10636), (417, 10690), (420, 10696), (469, 10792), (502, 10867), (556, 10975), (572, 10996), (599, 11065), (644, 11167), (680, 11224), (709, 11281), (722, 11293), (750, 11353), (805, 11452), (808, 11458), (841, 11515), (892, 11581), (1050, 11767), (1053, 11776), (1088, 11818), (1111, 11842), (1120, 11863), (1123, 11866), (1288, 12091), (1290, 12094), (1299, 12106), (1370, 12196), (1372, 12199),

Gene: Alatato_2 Start: 316, Stop: 1767, Start Num: 235
Candidate Starts for Alatato_2:
(Start: 235 @316 has 7 MA's), (Start: 297 @376 has 6 MA's), (310, 397), (Start: 397 @532 has 4 MA's), (474, 643), (517, 721), (568, 775), (594, 832), (607, 868), (611, 877), (690, 985), (744, 1009), (813, 1111), (820, 1120), (851, 1165), (873, 1192), (952, 1252), (962, 1273), (981, 1303), (1005, 1330), (1075, 1372), (1077, 1375), (1093, 1393), (1107, 1411), (1111, 1417), (1263, 1579), (1290, 1603), (1356, 1681), (1388, 1720), (1425, 1756),

Gene: Alatin_8 Start: 3156, Stop: 4838, Start Num: 107
Candidate Starts for Alatin_8:
(Start: 107 @3156 has 35 MA's), (Start: 309 @3342 has 15 MA's), (362, 3414), (381, 3426), (402, 3450), (408, 3462), (513, 3615), (523, 3630), (567, 3690), (620, 3798), (647, 3855), (770, 4053), (780, 4071), (812, 4125), (926, 4236), (956, 4269), (983, 4311), (1006, 4344), (1088, 4413), (1193, 4557),

(1236, 4602), (1292, 4662), (1372, 4761), (1405, 4794), (1433, 4821), (1435, 4824), (1438, 4827),

Gene: Albanese_5 Start: 3132, Stop: 4697, Start Num: 165
Candidate Starts for Albanese_5:
(Start: 165 @3132 has 76 MA's), (Start: 309 @3306 has 15 MA's), (Start: 333 @3342 has 4 MA's), (Start: 397 @3396 has 4 MA's), (419, 3438), (431, 3462), (518, 3588), (584, 3702), (593, 3717), (595, 3723), (620, 3783), (650, 3843), (770, 3942), (790, 3972), (827, 4035), (852, 4068), (941, 4155), (983, 4230), (1009, 4263), (1046, 4299), (1117, 4374), (1133, 4395), (1176, 4416), (1232, 4485), (1328, 4563), (1361, 4602), (1393, 4632), (1404, 4644), (1451, 4683), (1458, 4692),

Gene: Albedo_3 Start: 677, Stop: 2305, Start Num: 225
Candidate Starts for Albedo_3:
(Start: 225 @677 has 84 MA's), (339, 833), (431, 941), (490, 1025), (503, 1049), (518, 1067), (569, 1124), (594, 1175), (595, 1178), (620, 1238), (628, 1256), (643, 1286), (662, 1316), (1003, 1772), (1020, 1787), (1328, 2138), (1369, 2186), (1464, 2294),

Gene: Albee_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Albee_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Alberto7_12 Start: 7189, Stop: 8886, Start Num: 102
Candidate Starts for Alberto7_12:
(Start: 102 @7189 has 400 MA's), (Start: 124 @7213 has 46 MA's), (Start: 251 @7336 has 3 MA's), (350, 7426), (381, 7459), (467, 7558), (512, 7642), (513, 7645), (538, 7684), (581, 7753), (593, 7777), (620, 7843), (675, 7933), (774, 8098), (825, 8185), (848, 8218), (923, 8284), (981, 8356), (983, 8359), (999, 8383), (1064, 8434), (1080, 8449), (1113, 8488), (1129, 8509), (1193, 8605), (1405, 8842), (1435, 8872), (1438, 8875),

Gene: Albright_3 Start: 689, Stop: 2317, Start Num: 225
Candidate Starts for Albright_3:
(Start: 225 @689 has 84 MA's), (339, 845), (431, 953), (490, 1037), (518, 1079), (569, 1136), (594, 1187), (595, 1190), (620, 1250), (628, 1268), (643, 1298), (662, 1328), (1003, 1784), (1020, 1799), (1328, 2150), (1369, 2198), (1464, 2306),

Gene: Aldrich_12 Start: 7559, Stop: 9247, Start Num: 102
Candidate Starts for Aldrich_12:
(Start: 102 @7559 has 400 MA's), (Start: 309 @7739 has 15 MA's), (381, 7823), (408, 7859), (424, 7886), (513, 8009), (535, 8042), (581, 8117), (620, 8207), (631, 8231), (647, 8258), (679, 8306), (728, 8375), (767, 8450), (774, 8462), (778, 8471), (809, 8522), (1001, 8747), (1009, 8756), (1021, 8768), (1080, 8810), (1100, 8831), (1117, 8858), (1193, 8966), (1279, 9056), (1365, 9161),

Gene: Aledel_2 Start: 429, Stop: 1994, Start Num: 165
Candidate Starts for Aledel_2:
(Start: 165 @429 has 76 MA's), (Start: 307 @600 has 198 MA's), (Start: 397 @693 has 4 MA's), (431, 759), (463, 783), (488, 837), (569, 966), (620, 1080), (650, 1140), (672, 1170), (790, 1269), (803, 1284), (852, 1365), (941, 1452), (983, 1527), (985, 1530), (1009, 1560), (1100, 1644), (1133, 1692), (1177, 1716), (1283, 1806), (1328, 1860), (1404, 1941), (1451, 1980),

Gene: AlexMinion_2 Start: 373, Stop: 1995, Start Num: 193

Candidate Starts for AlexMinion_2:
(Start: 171 @352 has 16 MA's), (Start: 193 @373 has 21 MA's), (Start: 309 @514 has 15 MA's), (Start: 397 @604 has 4 MA's), (405, 616), (422, 652), (431, 670), (488, 748), (569, 853), (595, 907), (598, 916), (620, 967), (631, 991), (650, 1027), (665, 1048), (713, 1123), (774, 1207), (954, 1423), (961, 1435), (975, 1462), (1003, 1501), (1009, 1507), (1048, 1546), (1096, 1585), (1117, 1618), (1151, 1663), (1257, 1780), (1290, 1816), (1305, 1834), (1364, 1903), (1369, 1909), (1385, 1930), (1447, 1981), (1449, 1984),

Gene: AlishaPH_8 Start: 1592, Stop: 3016, Start Num: 247
Candidate Starts for AlishaPH_8:
(Start: 165 @1520 has 76 MA's), (Start: 230 @1580 has 31 MA's), (Start: 247 @1592 has 171 MA's), (Start: 336 @1703 has 12 MA's), (342, 1709), (391, 1787), (402, 1796), (425, 1844), (444, 1862), (487, 1931), (514, 1973), (517, 1979), (532, 2006), (533, 2009), (607, 2126), (611, 2135), (675, 2216), (792, 2330), (820, 2378), (827, 2390), (851, 2420), (870, 2444), (880, 2456), (959, 2534), (962, 2540), (1112, 2687), (1146, 2720), (1187, 2774), (1353, 2951), (1425, 3005),

Gene: Aliter_13 Start: 8037, Stop: 9824, Start Num: 103
Candidate Starts for Aliter_13:
(Start: 103 @8037 has 236 MA's), (Start: 117 @8052 has 10 MA's), (Start: 121 @8058 has 5 MA's), (241, 8169), (298, 8268), (424, 8430), (487, 8502), (513, 8556), (538, 8595), (581, 8667), (620, 8757), (631, 8781), (704, 8898), (722, 8913), (778, 9021), (823, 9096), (848, 9132), (898, 9192), (992, 9312), (1006, 9333), (1064, 9372), (1113, 9426), (1115, 9429), (1129, 9447), (1163, 9501), (1182, 9531), (1193, 9543), (1279, 9633), (1295, 9651), (1405, 9780), (1433, 9807), (1435, 9810),

Gene: Alkhayr_31 Start: 13437, Stop: 14951, Start Num: 181
Candidate Starts for Alkhayr_31:
(Start: 181 @13437 has 17 MA's), (Start: 184 @13440 has 14 MA's), (Start: 322 @13620 has 1 MA's), (381, 13713), (424, 13788), (451, 13821), (474, 13848), (487, 13878), (591, 14031), (594, 14037), (607, 14073), (611, 14082), (675, 14163), (679, 14172), (680, 14175), (744, 14214), (788, 14271), (809, 14307), (810, 14310), (957, 14466), (962, 14475), (1025, 14544), (1042, 14553), (1046, 14559), (1080, 14592), (1112, 14628), (1187, 14715), (1203, 14736), (1277, 14799), (1283, 14802), (1286, 14805), (1299, 14823), (1317, 14844), (1353, 14886), (1380, 14919), (1386, 14922), (1415, 14934),

Gene: AllBusiness_5 Start: 1989, Stop: 3686, Start Num: 209
Candidate Starts for AllBusiness_5:
(Start: 152 @1929 has 15 MA's), (Start: 209 @1989 has 22 MA's), (Start: 295 @2109 has 6 MA's), (Start: 309 @2130 has 15 MA's), (339, 2178), (399, 2223), (402, 2226), (422, 2268), (431, 2286), (434, 2289), (444, 2292), (463, 2310), (569, 2469), (595, 2523), (620, 2583), (665, 2664), (708, 2739), (803, 2895), (852, 2961), (865, 2976), (964, 3123), (979, 3156), (1020, 3204), (1061, 3246), (1126, 3318), (1177, 3360), (1212, 3402), (1305, 3477), (1307, 3480), (1364, 3549), (1433, 3627), (1464, 3675),

Gene: AlleyCat_6 Start: 1349, Stop: 2776, Start Num: 262
Candidate Starts for AlleyCat_6:
(Start: 262 @1349 has 67 MA's), (310, 1406), (Start: 322 @1427 has 1 MA's), (Start: 336 @1451 has 12 MA's), (391, 1535), (402, 1544), (405, 1550), (424, 1589), (425, 1592), (444, 1610), (463, 1628), (487, 1679), (505, 1718), (532, 1754), (568, 1781), (591, 1832), (607, 1874), (611, 1883), (613, 1886), (675, 1964), (792, 2078), (820, 2126), (827, 2138), (851, 2168), (880, 2204), (903, 2231), (962, 2288), (1042, 2372), (1064, 2396), (1142, 2474), (1187, 2531), (1208, 2555), (1235, 2579), (1353, 2708), (1425, 2765),

Gene: Alma_13 Start: 8116, Stop: 9903, Start Num: 103
Candidate Starts for Alma_13:

(Start: 103 @8116 has 236 MA's), (Start: 117 @8131 has 10 MA's), (Start: 121 @8137 has 5 MA's), (241, 8248), (298, 8347), (424, 8509), (487, 8581), (513, 8635), (538, 8674), (581, 8746), (620, 8836), (631, 8860), (704, 8977), (722, 8992), (778, 9100), (823, 9175), (848, 9211), (898, 9271), (992, 9391), (1006, 9412), (1064, 9451), (1113, 9505), (1115, 9508), (1129, 9526), (1163, 9580), (1182, 9610), (1193, 9622), (1279, 9712), (1295, 9730), (1405, 9859), (1433, 9886), (1435, 9889),

Gene: Aloe25_19 Start: 10301, Stop: 12046, Start Num: 307
Candidate Starts for Aloe25_19:
(Start: 307 @10301 has 198 MA's), (310, 10307), (363, 10394), (367, 10400), (387, 10436), (417, 10490), (502, 10667), (525, 10712), (556, 10775), (572, 10796), (599, 10865), (644, 10967), (680, 11024), (709, 11081), (722, 11093), (750, 11153), (805, 11252), (808, 11258), (841, 11315), (892, 11381), (1053, 11576), (1088, 11618), (1111, 11642), (1120, 11663), (1123, 11666), (1290, 11894), (1299, 11906), (1370, 11996), (1372, 11999),

Gene: Alpacados_7 Start: 3118, Stop: 4800, Start Num: 107
Candidate Starts for Alpacados_7:
(Start: 107 @3118 has 35 MA's), (Start: 309 @3304 has 15 MA's), (362, 3376), (381, 3388), (402, 3412), (408, 3424), (523, 3592), (567, 3652), (593, 3709), (594, 3712), (620, 3760), (770, 4015), (780, 4033), (812, 4087), (956, 4231), (983, 4273), (1006, 4306), (1080, 4363), (1088, 4375), (1193, 4519), (1236, 4564), (1292, 4624), (1372, 4723), (1405, 4756), (1433, 4783), (1435, 4786), (1438, 4789),

Gene: AlpineSix_2 Start: 605, Stop: 2218, Start Num: 176
Candidate Starts for AlpineSix_2:
(Start: 146 @578 has 2 MA's), (Start: 155 @581 has 202 MA's), (Start: 176 @605 has 3 MA's), (Start: 217 @638 has 1 MA's), (Start: 247 @662 has 171 MA's), (Start: 250 @665 has 144 MA's), (Start: 318 @728 has 1 MA's), (353, 767), (412, 854), (414, 860), (454, 914), (484, 938), (487, 947), (488, 950), (496, 971), (508, 992), (548, 1064), (575, 1103), (602, 1172), (604, 1178), (621, 1208), (622, 1211), (627, 1220), (635, 1235), (647, 1253), (680, 1304), (736, 1397), (740, 1406), (862, 1577), (874, 1589), (983, 1673), (1005, 1703), (1007, 1706), (1010, 1709), (1080, 1766), (1097, 1781), (1101, 1787), (1104, 1790), (1113, 1805), (1117, 1814), (1164, 1883), (1190, 1913), (1196, 1922), (1225, 1955), (1250, 1988), (1265, 2015), (1297, 2048), (1315, 2069), (1320, 2075), (1325, 2078), (1349, 2099), (1365, 2123), (1372, 2132), (1374, 2135), (1429, 2192),

Gene: Alsaber_7 Start: 2515, Stop: 4161, Start Num: 95
Candidate Starts for Alsaber_7:
(Start: 89 @2506 has 1 MA's), (Start: 95 @2515 has 98 MA's), (Start: 98 @2518 has 2 MA's), (Start: 113 @2533 has 11 MA's), (Start: 330 @2737 has 14 MA's), (362, 2773), (407, 2818), (485, 2911), (490, 2926), (504, 2953), (509, 2962), (515, 2974), (575, 3061), (594, 3109), (620, 3157), (680, 3256), (704, 3295), (803, 3409), (812, 3430), (838, 3469), (926, 3550), (983, 3619), (987, 3625), (997, 3640), (1064, 3703), (1164, 3835), (1193, 3877), (1219, 3904), (1236, 3922), (1372, 4078),

Gene: Alsfro_15 Start: 7794, Stop: 9482, Start Num: 102
Candidate Starts for Alsfro_15:
(Start: 102 @7794 has 400 MA's), (381, 8058), (402, 8082), (513, 8244), (535, 8277), (581, 8352), (620, 8442), (631, 8466), (647, 8493), (679, 8541), (728, 8610), (774, 8697), (778, 8706), (808, 8754), (809, 8757), (1009, 8991), (1021, 9003), (1080, 9045), (1100, 9066), (1117, 9093), (1193, 9201), (1279, 9291), (1365, 9396),

Gene: Altjira_7 Start: 3413, Stop: 5146, Start Num: 307
Candidate Starts for Altjira_7:
(Start: 307 @3413 has 198 MA's), (367, 3512), (417, 3602), (493, 3749), (516, 3797), (556, 3875), (570, 3893), (572, 3896), (599, 3965), (644, 4067), (656, 4091), (693, 4148), (750, 4253), (805, 4352), (820, 4382), (847, 4424), (892, 4481), (950, 4550), (956, 4562), (1053, 4676), (1071, 4694), (1120,

4763), (1123, 4766), (1273, 4970), (1290, 4994), (1299, 5006), (1309, 5018), (1334, 5051), (1370, 5096), (1372, 5099),

Gene: Altman_12 Start: 7589, Stop: 9277, Start Num: 102
Candidate Starts for Altman_12:
(Start: 102 @7589 has 400 MA's), (381, 7853), (402, 7877), (513, 8039), (535, 8072), (581, 8147), (620, 8237), (631, 8261), (647, 8288), (679, 8336), (774, 8492), (809, 8552), (1009, 8786), (1021, 8798), (1080, 8840), (1100, 8861), (1117, 8888), (1193, 8996), (1279, 9086), (1365, 9191),

Gene: Altostratus_2 Start: 390, Stop: 1988, Start Num: 202
Candidate Starts for Altostratus_2:
(Start: 139 @318 has 1 MA's), (Start: 202 @390 has 39 MA's), (Start: 295 @507 has 6 MA's), (405, 630), (569, 918), (595, 972), (598, 981), (618, 1029), (650, 1092), (652, 1095), (877, 1371), (888, 1383), (962, 1470), (973, 1494), (979, 1503), (1009, 1542), (1040, 1569), (1042, 1572), (1105, 1632), (1183, 1704), (1235, 1767), (1283, 1788), (1290, 1797), (1323, 1836), (1345, 1863), (1424, 1950), (1430, 1956),

Gene: Alucard_3 Start: 1074, Stop: 2534, Start Num: 250
Candidate Starts for Alucard_3:
(Start: 250 @1074 has 144 MA's), (Start: 254 @1080 has 2 MA's), (358, 1242), (363, 1251), (399, 1311), (444, 1380), (465, 1401), (488, 1452), (619, 1656), (806, 1869), (817, 1884), (842, 1920), (880, 1962), (911, 1995), (926, 2013), (1015, 2133), (1020, 2136), (1039, 2148), (1113, 2223), (1172, 2286), (1187, 2304), (1190, 2307), (1330, 2469), (1337, 2478), (1344, 2487), (1372, 2526),

Gene: AlumE_2 Start: 498, Stop: 2222, Start Num: 305
Candidate Starts for AlumE_2:
(Start: 295 @483 has 6 MA's), (Start: 305 @498 has 33 MA's), (373, 588), (499, 804), (510, 828), (513, 834), (526, 858), (555, 915), (590, 987), (696, 1185), (728, 1227), (732, 1233), (782, 1317), (807, 1344), (885, 1455), (908, 1482), (1013, 1659), (1191, 1932), (1194, 1935), (1197, 1941), (1212, 1962), (1245, 2001), (1281, 2049), (1289, 2058), (1307, 2082), (1332, 2100), (1374, 2157), (1439, 2214),

Gene: Alvin_12 Start: 7262, Stop: 8950, Start Num: 102
Candidate Starts for Alvin_12:
(Start: 102 @7262 has 400 MA's), (381, 7526), (402, 7550), (513, 7712), (535, 7745), (581, 7820), (620, 7910), (631, 7934), (647, 7961), (679, 8009), (774, 8165), (809, 8225), (1001, 8450), (1009, 8459), (1021, 8471), (1080, 8513), (1100, 8534), (1117, 8561), (1193, 8669), (1279, 8759), (1365, 8864),

Gene: Alvy_8 Start: 2347, Stop: 3993, Start Num: 95
Candidate Starts for Alvy_8:
(Start: 95 @2347 has 98 MA's), (Start: 251 @2497 has 3 MA's), (381, 2617), (407, 2650), (485, 2743), (490, 2758), (504, 2785), (515, 2806), (575, 2893), (603, 2965), (620, 2989), (680, 3088), (701, 3124), (768, 3229), (813, 3265), (838, 3301), (851, 3319), (981, 3448), (983, 3451), (992, 3463), (997, 3472), (1001, 3478), (1004, 3481), (1088, 3562), (1113, 3589), (1165, 3670), (1193, 3709), (1214, 3730), (1236, 3754), (1277, 3796), (1292, 3814), (1372, 3910), (1445, 3988),

Gene: Amanises_4 Start: 958, Stop: 2538, Start Num: 238
Candidate Starts for Amanises_4:
(Start: 171 @892 has 16 MA's), (Start: 238 @958 has 22 MA's), (Start: 309 @1054 has 15 MA's), (314, 1063), (Start: 318 @1072 has 1 MA's), (374, 1117), (Start: 397 @1144 has 4 MA's), (405, 1156), (424, 1195), (431, 1210), (463, 1234), (474, 1255), (598, 1456), (620, 1507), (650, 1567), (665, 1588), (700, 1648), (720, 1678), (731, 1687), (774, 1750), (961, 1978), (983, 2017), (1003, 2044), (1020, 2059), (1048, 2089), (1096, 2128), (1151, 2206), (1176, 2236), (1200, 2263), (1364, 2446), (1369, 2452),

(1385, 2473), (1449, 2527),

Gene: Amao_9 Start: 2303, Stop: 3973, Start Num: 389
Candidate Starts for Amao_9:
(Start: 389 @2303 has 11 MA's), (551, 2600), (598, 2702), (693, 2882), (710, 2906), (724, 2924), (732, 2936), (768, 2999), (776, 3011), (808, 3056), (815, 3071), (873, 3149), (911, 3194), (934, 3248), (935, 3254), (1000, 3368), (1104, 3512), (1124, 3548), (1218, 3701), (1232, 3713), (1279, 3770), (1307, 3806), (1346, 3857), (1372, 3893), (1374, 3896), (1438, 3962),

Gene: Amela_6 Start: 2575, Stop: 4221, Start Num: 95
Candidate Starts for Amela_6:
(Start: 89 @2566 has 1 MA's), (Start: 95 @2575 has 98 MA's), (Start: 98 @2578 has 2 MA's), (Start: 113 @2593 has 11 MA's), (Start: 165 @2647 has 76 MA's), (Start: 207 @2671 has 6 MA's), (Start: 330 @2797 has 14 MA's), (407, 2878), (485, 2971), (490, 2986), (504, 3013), (509, 3022), (515, 3034), (575, 3121), (594, 3169), (620, 3217), (680, 3316), (704, 3355), (803, 3469), (812, 3490), (838, 3529), (983, 3679), (987, 3685), (997, 3700), (1006, 3712), (1064, 3763), (1113, 3817), (1164, 3895), (1165, 3898), (1193, 3937), (1219, 3964), (1236, 3982), (1372, 4138),

Gene: Amelia_4 Start: 1013, Stop: 2494, Start Num: 309
Candidate Starts for Amelia_4:
(Start: 171 @848 has 16 MA's), (Start: 309 @1013 has 15 MA's), (334, 1052), (Start: 397 @1103 has 4 MA's), (405, 1115), (422, 1151), (431, 1169), (569, 1352), (620, 1466), (625, 1478), (650, 1526), (665, 1547), (677, 1562), (713, 1619), (961, 1934), (1003, 2000), (1015, 2012), (1048, 2045), (1096, 2084), (1102, 2093), (1105, 2096), (1151, 2162), (1176, 2192), (1212, 2237), (1257, 2279), (1283, 2306), (1286, 2309), (1364, 2402), (1369, 2408), (1385, 2429), (1394, 2441), (1447, 2480), (1449, 2483),

Gene: Amelie_4 Start: 847, Stop: 2271, Start Num: 247
Candidate Starts for Amelie_4:
(Start: 230 @835 has 31 MA's), (Start: 247 @847 has 171 MA's), (310, 913), (Start: 336 @958 has 12 MA's), (363, 1003), (391, 1042), (402, 1051), (425, 1099), (444, 1117), (463, 1135), (487, 1186), (517, 1234), (532, 1261), (607, 1381), (611, 1390), (637, 1426), (638, 1429), (675, 1471), (686, 1489), (792, 1585), (816, 1627), (820, 1633), (827, 1645), (851, 1675), (856, 1681), (870, 1699), (893, 1726), (962, 1795), (1042, 1867), (1112, 1939), (1146, 1972), (1150, 1981), (1172, 2008), (1187, 2026), (1353, 2203), (1425, 2260), (1431, 2266),

Gene: AmericanBeauty_10 Start: 2506, Stop: 4176, Start Num: 394
Candidate Starts for AmericanBeauty_10:
(Start: 394 @2506 has 48 MA's), (427, 2569), (551, 2803), (598, 2905), (693, 3085), (710, 3109), (724, 3127), (732, 3139), (768, 3202), (776, 3214), (808, 3259), (815, 3274), (873, 3352), (911, 3397), (934, 3451), (935, 3457), (1000, 3571), (1037, 3619), (1104, 3715), (1116, 3736), (1124, 3751), (1218, 3904), (1232, 3916), (1279, 3973), (1307, 4009), (1346, 4060), (1372, 4096), (1374, 4099), (1438, 4165),

Gene: Amethyst_6 Start: 2142, Stop: 3791, Start Num: 95
Candidate Starts for Amethyst_6:
(Start: 95 @2142 has 98 MA's), (Start: 207 @2241 has 6 MA's), (314, 2340), (Start: 330 @2367 has 14 MA's), (381, 2415), (407, 2448), (490, 2556), (504, 2583), (515, 2604), (548, 2649), (575, 2691), (603, 2763), (620, 2787), (680, 2886), (701, 2922), (722, 2940), (812, 3060), (813, 3063), (838, 3099), (926, 3180), (953, 3201), (997, 3270), (1006, 3282), (1064, 3333), (1113, 3387), (1193, 3507), (1214, 3528), (1236, 3552), (1292, 3612), (1372, 3708), (1445, 3786),

Gene: Amgine_6 Start: 1181, Stop: 2605, Start Num: 247
Candidate Starts for Amgine_6:

(156, 1097), (Start: 230 @1169 has 31 MA's), (Start: 247 @1181 has 171 MA's), (Start: 322 @1268 has 1 MA's), (Start: 336 @1292 has 12 MA's), (391, 1376), (402, 1385), (425, 1433), (444, 1451), (463, 1469), (465, 1472), (487, 1520), (532, 1595), (533, 1598), (607, 1715), (611, 1724), (613, 1727), (636, 1757), (675, 1805), (792, 1919), (820, 1967), (827, 1979), (851, 2009), (870, 2033), (882, 2048), (893, 2060), (962, 2129), (993, 2171), (1042, 2201), (1112, 2273), (1146, 2306), (1150, 2315), (1187, 2360), (1425, 2594), (1431, 2600),

Gene: AmiCi24_2 Start: 370, Stop: 1992, Start Num: 193
Candidate Starts for AmiCi24_2:
(Start: 171 @349 has 16 MA's), (Start: 193 @370 has 21 MA's), (Start: 397 @601 has 4 MA's), (399, 604), (405, 613), (422, 649), (431, 667), (488, 745), (569, 850), (620, 964), (631, 988), (650, 1024), (665, 1045), (677, 1060), (713, 1120), (774, 1204), (954, 1420), (961, 1432), (975, 1459), (1003, 1498), (1009, 1504), (1048, 1543), (1080, 1570), (1096, 1582), (1117, 1615), (1126, 1627), (1151, 1660), (1305, 1831), (1364, 1900), (1369, 1906), (1385, 1927), (1403, 1948), (1447, 1978), (1449, 1981), (1451, 1984),

Gene: Aminay_6 Start: 1302, Stop: 2744, Start Num: 247
Candidate Starts for Aminay_6:
(Start: 247 @1302 has 171 MA's), (Start: 333 @1401 has 4 MA's), (Start: 336 @1407 has 12 MA's), (391, 1491), (402, 1500), (425, 1548), (487, 1635), (490, 1644), (493, 1653), (517, 1683), (591, 1788), (611, 1839), (613, 1842), (638, 1878), (675, 1920), (679, 1929), (792, 2034), (820, 2082), (827, 2094), (851, 2124), (870, 2148), (882, 2163), (962, 2247), (992, 2289), (1042, 2331), (1111, 2400), (1129, 2415), (1160, 2466), (1187, 2490), (1348, 2661), (1358, 2673), (1425, 2733),

Gene: Amochick_5 Start: 1855, Stop: 3489, Start Num: 102
Candidate Starts for Amochick_5:
(Start: 102 @1855 has 400 MA's), (Start: 153 @1894 has 15 MA's), (Start: 208 @1942 has 5 MA's), (342, 2113), (396, 2152), (512, 2332), (516, 2341), (522, 2350), (566, 2413), (570, 2419), (605, 2503), (606, 2506), (607, 2509), (675, 2605), (677, 2608), (680, 2617), (745, 2683), (766, 2713), (785, 2740), (807, 2773), (820, 2794), (822, 2797), (919, 2893), (946, 2914), (1002, 3004), (1051, 3046), (1074, 3064), (1078, 3070), (1146, 3133), (1149, 3139), (1150, 3142), (1187, 3187), (1191, 3193), (1213, 3220), (1226, 3235), (1290, 3286), (1297, 3295), (1309, 3310), (1317, 3313), (1346, 3352), (1358, 3367), (1371, 3382), (1374, 3385), (1460, 3463), (1462, 3469),

Gene: Amohnition_7 Start: 1387, Stop: 2811, Start Num: 247
Candidate Starts for Amohnition_7:
(Start: 230 @1375 has 31 MA's), (Start: 247 @1387 has 171 MA's), (Start: 322 @1474 has 1 MA's), (Start: 336 @1498 has 12 MA's), (391, 1582), (402, 1591), (425, 1639), (444, 1657), (463, 1675), (487, 1726), (517, 1774), (607, 1921), (611, 1930), (613, 1933), (636, 1963), (675, 2011), (792, 2125), (827, 2185), (851, 2215), (893, 2266), (911, 2287), (962, 2335), (993, 2377), (1042, 2407), (1112, 2479), (1187, 2566), (1353, 2743), (1425, 2800), (1431, 2806),

Gene: Amok_3 Start: 806, Stop: 2488, Start Num: 170
Candidate Starts for Amok_3:
(Start: 170 @806 has 103 MA's), (Start: 232 @857 has 1 MA's), (Start: 249 @878 has 1 MA's), (Start: 251 @881 has 3 MA's), (407, 1049), (424, 1079), (485, 1151), (490, 1166), (509, 1202), (513, 1211), (515, 1214), (543, 1262), (581, 1331), (595, 1361), (603, 1382), (625, 1418), (645, 1451), (718, 1556), (735, 1595), (760, 1631), (780, 1670), (798, 1703), (825, 1751), (848, 1784), (866, 1808), (921, 1841), (987, 1940), (992, 1946), (1076, 2024), (1113, 2069), (1146, 2111), (1214, 2207), (1330, 2330), (1394, 2411), (1454, 2474), (1456, 2477),

Gene: Amphitrite_2 Start: 368, Stop: 1990, Start Num: 193
Candidate Starts for Amphitrite_2:

(Start: 171 @347 has 16 MA's), (Start: 193 @368 has 21 MA's), (Start: 397 @599 has 4 MA's), (399, 602), (405, 611), (422, 647), (431, 665), (488, 743), (569, 848), (620, 962), (631, 986), (650, 1022), (665, 1043), (677, 1058), (713, 1118), (774, 1202), (954, 1418), (961, 1430), (975, 1457), (1003, 1496), (1009, 1502), (1048, 1541), (1080, 1568), (1096, 1580), (1117, 1613), (1126, 1625), (1151, 1658), (1290, 1811), (1305, 1829), (1364, 1898), (1369, 1904), (1385, 1925), (1403, 1946), (1447, 1976), (1449, 1979), (1451, 1982),

Gene: Amploria_2 Start: 537, Stop: 2243, Start Num: 124
Candidate Starts for Amploria_2:
(Start: 124 @537 has 46 MA's), (Start: 232 @624 has 1 MA's), (486, 909), (513, 966), (525, 987), (546, 1014), (595, 1104), (693, 1278), (881, 1530), (983, 1653), (1146, 1833), (1193, 1908), (1209, 1923), (1292, 2058), (1325, 2094), (1363, 2142), (1372, 2154), (1381, 2166),

Gene: Amyev_2 Start: 533, Stop: 2239, Start Num: 124
Candidate Starts for Amyev_2:
(Start: 124 @533 has 46 MA's), (214, 599), (486, 905), (513, 962), (525, 983), (546, 1010), (595, 1100), (623, 1154), (645, 1199), (693, 1274), (881, 1526), (983, 1649), (1146, 1829), (1193, 1904), (1209, 1919), (1292, 2054), (1372, 2150), (1381, 2162),

Gene: Amymech_5 Start: 1855, Stop: 3489, Start Num: 102
Candidate Starts for Amymech_5:
(Start: 102 @1855 has 400 MA's), (Start: 153 @1894 has 15 MA's), (Start: 208 @1942 has 5 MA's), (342, 2113), (396, 2152), (512, 2332), (516, 2341), (522, 2350), (566, 2413), (570, 2419), (605, 2503), (606, 2506), (607, 2509), (675, 2605), (677, 2608), (680, 2617), (745, 2683), (766, 2713), (785, 2740), (807, 2773), (820, 2794), (822, 2797), (919, 2893), (946, 2914), (1002, 3004), (1051, 3046), (1074, 3064), (1078, 3070), (1146, 3133), (1149, 3139), (1150, 3142), (1187, 3187), (1191, 3193), (1213, 3220), (1226, 3235), (1290, 3286), (1297, 3295), (1309, 3310), (1317, 3313), (1346, 3352), (1358, 3367), (1371, 3382), (1374, 3385), (1460, 3463), (1462, 3469),

Gene: Anandi_8 Start: 3773, Stop: 5515, Start Num: 307
Candidate Starts for Anandi_8:
(Start: 303 @3767 has 2 MA's), (Start: 307 @3773 has 198 MA's), (354, 3848), (367, 3872), (433, 3992), (485, 4091), (489, 4103), (516, 4163), (556, 4241), (572, 4262), (611, 4364), (644, 4433), (656, 4457), (750, 4619), (777, 4664), (791, 4694), (805, 4718), (872, 4823), (892, 4847), (926, 4886), (956, 4931), (981, 4979), (1053, 5045), (1071, 5063), (1076, 5069), (1120, 5132), (1123, 5135), (1222, 5267), (1249, 5315), (1290, 5363), (1299, 5375), (1370, 5465), (1372, 5468),

Gene: Anatole_3 Start: 1202, Stop: 2782, Start Num: 225
Candidate Starts for Anatole_3:
(Start: 218 @1193 has 8 MA's), (Start: 220 @1196 has 6 MA's), (Start: 225 @1202 has 84 MA's), (Start: 247 @1229 has 171 MA's), (270, 1262), (Start: 295 @1292 has 6 MA's), (Start: 307 @1310 has 198 MA's), (Start: 309 @1313 has 15 MA's), (Start: 317 @1328 has 15 MA's), (Start: 333 @1349 has 4 MA's), (334, 1352), (415, 1439), (422, 1451), (431, 1469), (455, 1499), (456, 1502), (487, 1574), (489, 1580), (513, 1616), (516, 1622), (534, 1655), (574, 1712), (593, 1754), (595, 1760), (630, 1841), (648, 1877), (650, 1880), (670, 1907), (677, 1916), (697, 1952), (810, 2096), (843, 2126), (865, 2153), (877, 2168), (888, 2180), (928, 2222), (956, 2264), (962, 2273), (973, 2297), (1009, 2345), (1015, 2351), (1040, 2372), (1042, 2375), (1100, 2429), (1118, 2459), (1176, 2498), (1197, 2522), (1221, 2555), (1265, 2573), (1290, 2600), (1296, 2606), (1305, 2618), (1343, 2666), (1369, 2696), (1439, 2771),

Gene: Anaya_9 Start: 1616, Stop: 3037, Start Num: 247
Candidate Starts for Anaya_9:
(Start: 165 @1544 has 76 MA's), (Start: 230 @1604 has 31 MA's), (Start: 247 @1616 has 171 MA's), (Start: 336 @1727 has 12 MA's), (342, 1733), (391, 1811), (402, 1820), (405, 1826), (425, 1868), (444,

1886), (487, 1955), (514, 1997), (517, 2003), (532, 2030), (607, 2150), (611, 2159), (675, 2240), (686, 2258), (792, 2354), (820, 2402), (827, 2414), (851, 2444), (870, 2468), (880, 2480), (893, 2495), (959, 2558), (962, 2564), (1112, 2708), (1146, 2741), (1187, 2795), (1353, 2972), (1425, 3026),

Gene: Anaysia_14 Start: 6686, Stop: 8383, Start Num: 103
Candidate Starts for Anaysia_14:
(Start: 103 @6686 has 236 MA's), (120, 6704), (302, 6866), (424, 7022), (487, 7091), (513, 7145), (581, 7253), (594, 7280), (620, 7343), (631, 7367), (999, 7883), (1080, 7946), (1115, 7988), (1193, 8102), (1292, 8207), (1405, 8339), (1433, 8366), (1435, 8369), (1438, 8372),

Gene: AndPeggy_3 Start: 1120, Stop: 2799, Start Num: 170
Candidate Starts for AndPeggy_3:
(Start: 170 @1120 has 103 MA's), (Start: 232 @1171 has 1 MA's), (Start: 249 @1192 has 1 MA's), (Start: 251 @1195 has 3 MA's), (304, 1237), (354, 1303), (407, 1363), (415, 1384), (424, 1393), (490, 1480), (509, 1516), (513, 1525), (543, 1576), (595, 1675), (603, 1696), (623, 1729), (645, 1765), (735, 1909), (760, 1945), (780, 1984), (874, 2131), (921, 2155), (987, 2254), (1076, 2338), (1146, 2425), (1214, 2521), (1269, 2569), (1282, 2593), (1330, 2644), (1394, 2725), (1454, 2785), (1456, 2788),

Gene: Andies_2 Start: 501, Stop: 2036, Start Num: 227
Candidate Starts for Andies_2:
(Start: 227 @501 has 25 MA's), (Start: 230 @504 has 31 MA's), (246, 516), (Start: 249 @519 has 1 MA's), (292, 576), (Start: 307 @594 has 198 MA's), (316, 606), (390, 678), (Start: 403 @696 has 1 MA's), (412, 714), (422, 735), (474, 798), (490, 837), (507, 870), (539, 918), (583, 1002), (593, 1017), (613, 1068), (618, 1077), (637, 1101), (659, 1140), (661, 1143), (677, 1155), (747, 1281), (766, 1305), (808, 1368), (878, 1452), (950, 1524), (962, 1548), (981, 1590), (987, 1599), (1043, 1656), (1080, 1695), (1136, 1752), (1146, 1758), (1152, 1761), (1187, 1782), (1226, 1830), (1278, 1866), (1349, 1947), (1353, 1953),

Gene: Andrew_3 Start: 741, Stop: 2363, Start Num: 193
Candidate Starts for Andrew_3:
(Start: 171 @720 has 16 MA's), (Start: 193 @741 has 21 MA's), (Start: 309 @882 has 15 MA's), (316, 894), (334, 921), (Start: 397 @972 has 4 MA's), (399, 975), (405, 984), (418, 1011), (422, 1020), (431, 1038), (488, 1116), (569, 1221), (598, 1284), (620, 1335), (625, 1347), (631, 1359), (650, 1395), (658, 1407), (665, 1416), (677, 1431), (713, 1491), (774, 1575), (954, 1791), (961, 1803), (1003, 1869), (1009, 1875), (1048, 1914), (1096, 1953), (1117, 1986), (1151, 2031), (1257, 2148), (1290, 2184), (1305, 2202), (1364, 2271), (1369, 2277), (1385, 2298), (1406, 2322), (1447, 2349), (1449, 2352),

Gene: Andris_6 Start: 2176, Stop: 3822, Start Num: 95
Candidate Starts for Andris_6:
(Start: 95 @2176 has 98 MA's), (109, 2188), (381, 2446), (407, 2479), (485, 2572), (504, 2614), (515, 2635), (575, 2722), (603, 2794), (620, 2818), (680, 2917), (701, 2953), (722, 2971), (813, 3094), (838, 3130), (992, 3292), (997, 3301), (1113, 3418), (1165, 3499), (1193, 3538), (1214, 3559), (1236, 3583), (1292, 3643), (1370, 3736), (1372, 3739),

Gene: Aneem_12 Start: 8024, Stop: 9787, Start Num: 103
Candidate Starts for Aneem_12:
(Start: 103 @8024 has 236 MA's), (Start: 121 @8045 has 5 MA's), (Start: 217 @8132 has 1 MA's), (298, 8261), (314, 8285), (362, 8348), (487, 8492), (512, 8543), (513, 8546), (581, 8657), (593, 8681), (594, 8684), (620, 8747), (623, 8756), (631, 8771), (704, 8888), (722, 8903), (751, 8963), (803, 9047), (992, 9275), (999, 9287), (1064, 9335), (1080, 9350), (1113, 9389), (1129, 9410), (1155, 9449), (1182, 9494), (1193, 9506), (1405, 9743), (1433, 9770),

Gene: Anekin_2 Start: 597, Stop: 2330, Start Num: 171

Candidate Starts for Anekin_2:
(Start: 171 @597 has 16 MA's), (Start: 232 @663 has 1 MA's), (Start: 253 @690 has 2 MA's), (Start: 256 @693 has 6 MA's), (377, 846), (473, 1014), (513, 1101), (571, 1188), (615, 1278), (631, 1311), (636, 1320), (650, 1341), (677, 1377), (682, 1389), (765, 1518), (808, 1557), (854, 1626), (962, 1704), (987, 1740), (1113, 1881), (1115, 1884), (1150, 1944), (1165, 1980), (1194, 2028), (1221, 2061), (1241, 2094), (1365, 2235), (1397, 2277), (1422, 2304),

Gene: Angel_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for Angel_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Angelica_8 Start: 1575, Stop: 2996, Start Num: 247
Candidate Starts for Angelica_8:
(Start: 165 @1503 has 76 MA's), (Start: 230 @1563 has 31 MA's), (Start: 247 @1575 has 171 MA's), (Start: 336 @1686 has 12 MA's), (342, 1692), (391, 1770), (402, 1779), (425, 1827), (444, 1845), (487, 1914), (514, 1956), (517, 1962), (607, 2109), (611, 2118), (686, 2217), (792, 2313), (820, 2361), (827, 2373), (851, 2403), (870, 2427), (880, 2439), (893, 2454), (962, 2523), (1112, 2667), (1187, 2754), (1353, 2931), (1425, 2985),

Gene: Angelique_2 Start: 485, Stop: 2281, Start Num: 87
Candidate Starts for Angelique_2:
(Start: 87 @485 has 22 MA's), (354, 779), (362, 794), (430, 878), (477, 920), (485, 929), (502, 968), (513, 989), (573, 1073), (595, 1127), (602, 1145), (620, 1172), (623, 1181), (661, 1256), (696, 1307), (711, 1328), (825, 1487), (866, 1544), (929, 1589), (956, 1613), (1001, 1682), (1006, 1688), (1015, 1697), (1088, 1766), (1165, 1904), (1182, 1940), (1193, 1952), (1211, 1976), (1234, 2003), (1287, 2090), (1325, 2132), (1370, 2189), (1399, 2219), (1421, 2243), (1445, 2267), (1448, 2270),

Gene: AngryOrchard_7 Start: 3101, Stop: 4783, Start Num: 107
Candidate Starts for AngryOrchard_7:
(Start: 107 @3101 has 35 MA's), (Start: 309 @3287 has 15 MA's), (362, 3359), (381, 3371), (402, 3395), (408, 3407), (523, 3575), (567, 3635), (620, 3743), (770, 3998), (812, 4070), (813, 4073), (956, 4214), (983, 4256), (1006, 4289), (1080, 4346), (1088, 4358), (1193, 4502), (1236, 4547), (1292, 4607), (1372, 4706), (1405, 4739), (1433, 4766), (1435, 4769), (1438, 4772),

Gene: Animus_7 Start: 2523, Stop: 4169, Start Num: 95
Candidate Starts for Animus_7:
(Start: 95 @2523 has 98 MA's), (354, 2766), (362, 2781), (381, 2793), (485, 2919), (504, 2961), (508, 2967), (515, 2982), (575, 3069), (603, 3141), (620, 3165), (680, 3264), (701, 3300), (722, 3318), (813, 3441), (838, 3477), (992, 3639), (997, 3648), (1064, 3711), (1113, 3765), (1165, 3846), (1193, 3885), (1214, 3906), (1236, 3930), (1370, 4083), (1372, 4086),

Gene: Anma_8 Start: 1566, Stop: 2987, Start Num: 247
Candidate Starts for Anma_8:
(Start: 165 @1494 has 76 MA's), (Start: 204 @1533 has 1 MA's), (Start: 230 @1554 has 31 MA's), (Start: 247 @1566 has 171 MA's), (Start: 336 @1677 has 12 MA's), (342, 1683), (391, 1761), (402, 1770), (425, 1818), (444, 1836), (487, 1905), (514, 1947), (517, 1953), (532, 1980), (533, 1983), (568, 2007), (607, 2100), (611, 2109), (675, 2190), (686, 2208), (792, 2304), (820, 2352), (827, 2364), (851, 2394), (870, 2418), (880, 2430), (959, 2508), (962, 2514), (1112, 2658), (1146, 2691), (1187, 2745),

(1353, 2922), (1425, 2976),

Gene: AnnaL29_15 Start: 9319, Stop: 11079, Start Num: 103
Candidate Starts for AnnaL29_15:
(50, 9235), (Start: 103 @9319 has 236 MA's), (Start: 217 @9427 has 1 MA's), (234, 9448), (282, 9532), (298, 9556), (362, 9643), (411, 9697), (487, 9787), (513, 9841), (581, 9949), (620, 10039), (631, 10063), (722, 10195), (803, 10339), (916, 10471), (983, 10555), (1064, 10627), (1080, 10642), (1113, 10681), (1115, 10684), (1129, 10702), (1193, 10798), (1250, 10867), (1405, 11035), (1433, 11062), (1435, 11065), (1438, 11068), (1440, 11071),

Gene: AnnaLie_4 Start: 1038, Stop: 2663, Start Num: 225
Candidate Starts for AnnaLie_4:
(Start: 225 @1038 has 84 MA's), (Start: 247 @1065 has 171 MA's), (339, 1194), (405, 1248), (431, 1302), (459, 1317), (485, 1371), (490, 1386), (569, 1485), (594, 1536), (595, 1539), (620, 1599), (662, 1677), (1003, 2130), (1020, 2145), (1328, 2496), (1464, 2652),

Gene: AnnabelLee_4 Start: 1251, Stop: 2789, Start Num: 211
Candidate Starts for AnnabelLee_4:
(Start: 211 @1251 has 13 MA's), (259, 1296), (405, 1455), (458, 1518), (495, 1605), (611, 1845), (618, 1857), (650, 1914), (750, 2073), (808, 2160), (938, 2292), (1084, 2460), (1228, 2592),

Gene: Annalisa_3 Start: 820, Stop: 2379, Start Num: 151
Candidate Starts for Annalisa_3:
(88, 760), (Start: 151 @820 has 55 MA's), (259, 928), (Start: 318 @1006 has 1 MA's), (342, 1039), (419, 1120), (421, 1123), (425, 1132), (465, 1168), (501, 1246), (566, 1318), (568, 1321), (583, 1357), (607, 1414), (611, 1423), (620, 1438), (680, 1522), (723, 1573), (778, 1639), (808, 1681), (919, 1795), (962, 1846), (971, 1867), (1009, 1912), (1054, 1948), (1057, 1951), (1109, 1993), (1112, 1999), (1216, 2122), (1226, 2134), (1280, 2173), (1461, 2362),

Gene: Annihilator_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for Annihilator_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Annihilus_7 Start: 2665, Stop: 4410, Start Num: 307
Candidate Starts for Annihilus_7:
(Start: 307 @2665 has 198 MA's), (310, 2671), (342, 2719), (363, 2758), (367, 2764), (516, 3061), (556, 3139), (570, 3157), (572, 3160), (599, 3229), (611, 3262), (637, 3313), (644, 3331), (656, 3355), (699, 3424), (750, 3517), (808, 3622), (892, 3745), (950, 3817), (1071, 3958), (1120, 4027), (1123, 4030), (1223, 4168), (1274, 4237), (1290, 4258), (1293, 4261), (1299, 4270), (1315, 4288), (1336, 4318), (1370, 4360), (1372, 4363),

Gene: Annyong_11 Start: 6885, Stop: 8582, Start Num: 102
Candidate Starts for Annyong_11:
(Start: 102 @6885 has 400 MA's), (Start: 124 @6909 has 46 MA's), (Start: 251 @7032 has 3 MA's), (350, 7122), (381, 7155), (467, 7254), (512, 7338), (513, 7341), (538, 7380), (581, 7449), (593, 7473), (620, 7539), (675, 7629), (774, 7794), (825, 7881), (848, 7914), (923, 7980), (981, 8052), (983, 8055), (999, 8079), (1064, 8130), (1080, 8145), (1113, 8184), (1129, 8205), (1193, 8301), (1405, 8538), (1435, 8568), (1438, 8571),

Gene: Anon_12 Start: 7031, Stop: 8731, Start Num: 103
Candidate Starts for Anon_12:
(Start: 103 @7031 has 236 MA's), (120, 7049), (320, 7241), (424, 7367), (490, 7448), (513, 7493), (581, 7601), (593, 7625), (620, 7691), (631, 7715), (780, 7958), (999, 8231), (1001, 8234), (1193, 8450), (1279, 8540), (1281, 8543), (1405, 8687), (1433, 8714), (1435, 8717), (1438, 8720),

Gene: Anselm_12 Start: 7545, Stop: 9335, Start Num: 103
Candidate Starts for Anselm_12:
(Start: 103 @7545 has 236 MA's), (Start: 217 @7653 has 1 MA's), (234, 7674), (298, 7782), (Start: 330 @7833 has 14 MA's), (513, 8070), (581, 8178), (620, 8268), (631, 8292), (704, 8409), (722, 8424), (916, 8724), (1088, 8910), (1113, 8937), (1129, 8958), (1193, 9054), (1405, 9291), (1435, 9321),

Gene: Anseraureola_3 Start: 1098, Stop: 2558, Start Num: 250
Candidate Starts for Anseraureola_3:
(Start: 250 @1098 has 144 MA's), (Start: 254 @1104 has 2 MA's), (358, 1266), (363, 1275), (399, 1335), (444, 1404), (465, 1425), (488, 1476), (619, 1680), (806, 1893), (817, 1908), (842, 1944), (880, 1986), (911, 2019), (926, 2037), (1015, 2157), (1020, 2160), (1039, 2172), (1113, 2247), (1172, 2310), (1187, 2328), (1190, 2331), (1330, 2493), (1337, 2502), (1344, 2511), (1372, 2550),

Gene: Anthony_11 Start: 5672, Stop: 7372, Start Num: 108
Candidate Starts for Anthony_11:
(Start: 108 @5672 has 1 MA's), (Start: 251 @5813 has 3 MA's), (302, 5852), (512, 6128), (513, 6131), (562, 6203), (581, 6242), (610, 6314), (620, 6332), (693, 6455), (712, 6479), (718, 6485), (770, 6581), (848, 6707), (923, 6773), (956, 6806), (999, 6872), (1113, 6974), (1129, 6995), (1163, 7049), (1193, 7091), (1219, 7118), (1241, 7145), (1402, 7325), (1405, 7328), (1438, 7361),

Gene: Antonio_2 Start: 498, Stop: 2222, Start Num: 305
Candidate Starts for Antonio_2:
(Start: 295 @483 has 6 MA's), (Start: 305 @498 has 33 MA's), (373, 588), (510, 828), (513, 834), (526, 858), (555, 915), (590, 987), (696, 1185), (728, 1227), (732, 1233), (782, 1317), (807, 1344), (885, 1455), (908, 1482), (1013, 1659), (1191, 1932), (1194, 1935), (1197, 1941), (1212, 1962), (1245, 2001), (1281, 2049), (1289, 2058), (1307, 2082), (1332, 2100), (1374, 2157), (1439, 2214),

Gene: Antrice_3 Start: 691, Stop: 2325, Start Num: 171
Candidate Starts for Antrice_3:
(Start: 171 @691 has 16 MA's), (334, 889), (Start: 397 @940 has 4 MA's), (399, 943), (405, 952), (431, 1006), (444, 1012), (463, 1030), (569, 1189), (620, 1303), (650, 1363), (665, 1384), (677, 1399), (713, 1456), (803, 1582), (852, 1642), (942, 1738), (954, 1759), (983, 1810), (1020, 1852), (1096, 1921), (1100, 1927), (1117, 1954), (1151, 1999), (1239, 2101), (1257, 2110), (1261, 2116), (1286, 2140), (1305, 2164), (1364, 2233), (1394, 2272), (1449, 2314),

Gene: Antsirabe_2 Start: 354, Stop: 1925, Start Num: 161
Candidate Starts for Antsirabe_2:
(Start: 161 @354 has 29 MA's), (310, 525), (425, 708), (463, 744), (490, 804), (588, 957), (591, 963), (594, 969), (607, 1005), (618, 1026), (640, 1056), (675, 1095), (679, 1104), (820, 1257), (842, 1287), (882, 1335), (962, 1413), (977, 1437), (1112, 1563), (1157, 1620), (1172, 1632), (1187, 1650), (1263, 1722), (1280, 1737), (1353, 1830), (1406, 1893), (1425, 1914),

Gene: Anubis_15 Start: 6843, Stop: 8543, Start Num: 105
Candidate Starts for Anubis_15:
(Start: 105 @6843 has 85 MA's), (Start: 145 @6891 has 1 MA's), (Start: 232 @6963 has 1 MA's), (302, 7026), (467, 7218), (513, 7305), (620, 7503), (675, 7593), (718, 7656), (809, 7818), (983, 8016), (999,

8040), (1001, 8043), (1080, 8106), (1100, 8127), (1129, 8166), (1193, 8262), (1241, 8316), (1279, 8352), (1405, 8499), (1435, 8529), (1438, 8532),

Gene: Aoka_3 Start: 1243, Stop: 2838, Start Num: 206
Candidate Starts for Aoka_3:
(Start: 206 @1243 has 13 MA's), (419, 1501), (431, 1525), (444, 1531), (620, 1822), (634, 1852), (665, 1903), (672, 1912), (764, 2014), (770, 2026), (867, 2149), (973, 2278), (1151, 2506), (1186, 2548), (1449, 2827),

Gene: Aphelion_30 Start: 8680, Stop: 10428, Start Num: 148
Candidate Starts for Aphelion_30:
(Start: 148 @8680 has 26 MA's), (Start: 176 @8710 has 3 MA's), (325, 8839), (457, 9025), (473, 9064), (488, 9088), (502, 9118), (512, 9136), (529, 9163), (543, 9193), (645, 9385), (654, 9403), (756, 9565), (787, 9613), (797, 9628), (963, 9811), (966, 9817), (1026, 9901), (1086, 9988), (1115, 10021), (1198, 10135), (1229, 10171), (1250, 10195), (1258, 10210), (1412, 10384), (1418, 10390),

Gene: Apiary_28 Start: 14038, Stop: 15711, Start Num: 155
Candidate Starts for Apiary_28:
(Start: 155 @14038 has 202 MA's), (Start: 317 @14182 has 15 MA's), (351, 14233), (473, 14407), (487, 14428), (496, 14452), (510, 14479), (531, 14512), (571, 14578), (591, 14626), (621, 14689), (635, 14716), (740, 14884), (748, 14896), (824, 15007), (858, 15058), (985, 15157), (1054, 15256), (1064, 15268), (1088, 15295), (1104, 15307), (1113, 15322), (1163, 15397), (1196, 15430), (1225, 15463), (1297, 15547), (1315, 15568), (1365, 15616), (1434, 15691),

Gene: Apocalypse_8 Start: 1571, Stop: 2992, Start Num: 247
Candidate Starts for Apocalypse_8:
(Start: 165 @1499 has 76 MA's), (Start: 230 @1559 has 31 MA's), (Start: 247 @1571 has 171 MA's), (Start: 336 @1682 has 12 MA's), (342, 1688), (391, 1766), (402, 1775), (425, 1823), (444, 1841), (487, 1910), (514, 1952), (517, 1958), (532, 1985), (533, 1988), (607, 2105), (611, 2114), (675, 2195), (792, 2309), (820, 2357), (827, 2369), (851, 2399), (880, 2435), (959, 2513), (962, 2519), (1112, 2663), (1146, 2696), (1187, 2750), (1353, 2927), (1425, 2981),

Gene: AppleCider_5 Start: 3069, Stop: 4637, Start Num: 165
Candidate Starts for AppleCider_5:
(Start: 165 @3069 has 76 MA's), (314, 3255), (334, 3285), (Start: 397 @3336 has 4 MA's), (405, 3348), (419, 3378), (426, 3393), (463, 3426), (518, 3528), (569, 3609), (593, 3657), (620, 3723), (643, 3771), (648, 3780), (753, 3855), (770, 3882), (790, 3912), (813, 3951), (961, 4131), (1009, 4203), (1046, 4239), (1133, 4335), (1212, 4401), (1264, 4431), (1274, 4437), (1328, 4503), (1451, 4623),

Gene: AppleCloud_6 Start: 2865, Stop: 4547, Start Num: 107
Candidate Starts for AppleCloud_6:
(Start: 107 @2865 has 35 MA's), (Start: 309 @3051 has 15 MA's), (362, 3123), (381, 3135), (402, 3159), (408, 3171), (523, 3339), (567, 3399), (620, 3507), (770, 3762), (812, 3834), (956, 3978), (981, 4017), (983, 4020), (1006, 4053), (1088, 4122), (1193, 4266), (1236, 4311), (1292, 4371), (1405, 4503), (1433, 4530), (1435, 4533), (1438, 4536),

Gene: Applecrisp_6 Start: 1540, Stop: 2964, Start Num: 247
Candidate Starts for Applecrisp_6:
(156, 1456), (Start: 230 @1528 has 31 MA's), (Start: 247 @1540 has 171 MA's), (Start: 322 @1627 has 1 MA's), (Start: 336 @1651 has 12 MA's), (391, 1735), (402, 1744), (425, 1792), (444, 1810), (463, 1828), (487, 1879), (532, 1954), (533, 1957), (607, 2074), (611, 2083), (613, 2086), (636, 2116), (675, 2164), (792, 2278), (820, 2326), (827, 2338), (851, 2368), (870, 2392), (882, 2407), (893, 2419), (962, 2488), (993, 2530), (1042, 2560), (1112, 2632), (1146, 2665), (1150, 2674), (1187, 2719), (1353,

2896), (1425, 2953), (1431, 2959),

Gene: Applejack_11 Start: 6989, Stop: 8677, Start Num: 102
Candidate Starts for Applejack_11:
(Start: 102 @6989 has 400 MA's), (381, 7253), (402, 7277), (513, 7439), (535, 7472), (581, 7547), (604, 7601), (620, 7637), (631, 7661), (647, 7688), (679, 7736), (728, 7805), (774, 7892), (809, 7952), (1009, 8186), (1021, 8198), (1080, 8240), (1100, 8261), (1117, 8288), (1193, 8396), (1279, 8486), (1365, 8591),

Gene: Applejacks_2 Start: 524, Stop: 2077, Start Num: 211
Candidate Starts for Applejacks_2:
(Start: 211 @524 has 13 MA's), (Start: 220 @536 has 6 MA's), (Start: 223 @539 has 1 MA's), (Start: 235 @551 has 7 MA's), (Start: 309 @650 has 15 MA's), (314, 659), (426, 797), (431, 806), (461, 830), (513, 926), (522, 941), (569, 992), (593, 1040), (631, 1130), (648, 1163), (650, 1166), (675, 1199), (778, 1280), (790, 1295), (803, 1310), (903, 1427), (922, 1448), (959, 1490), (1015, 1574), (1040, 1595), (1122, 1706), (1177, 1778), (1221, 1832), (1225, 1835), (1305, 1913), (1395, 2021),

Gene: Appletree2_4 Start: 1025, Stop: 2608, Start Num: 138
Candidate Starts for Appletree2_4:
(Start: 138 @1025 has 120 MA's), (Start: 142 @1031 has 6 MA's), (293, 1202), (361, 1289), (396, 1307), (402, 1313), (419, 1349), (513, 1487), (515, 1490), (566, 1565), (593, 1622), (594, 1625), (710, 1793), (762, 1847), (766, 1856), (776, 1871), (791, 1892), (813, 1931), (827, 1952), (832, 1958), (855, 1985), (900, 2027), (942, 2051), (954, 2069), (959, 2078), (962, 2084), (977, 2117), (1009, 2150), (1050, 2189), (1057, 2195), (1060, 2198), (1116, 2243), (1172, 2309), (1213, 2360), (1234, 2384), (1263, 2399), (1266, 2402), (1373, 2504), (1394, 2531), (1448, 2582), (1450, 2585),

Gene: Apricot_2 Start: 453, Stop: 2147, Start Num: 141
Candidate Starts for Apricot_2:
(56, 324), (Start: 71 @357 has 4 MA's), (74, 360), (86, 378), (Start: 110 @411 has 24 MA's), (116, 420), (Start: 141 @453 has 2 MA's), (Start: 170 @486 has 103 MA's), (Start: 232 @537 has 1 MA's), (241, 549), (260, 576), (354, 666), (415, 747), (424, 756), (425, 759), (467, 792), (490, 843), (509, 879), (510, 882), (513, 888), (523, 903), (525, 906), (538, 924), (548, 942), (581, 996), (603, 1047), (620, 1071), (675, 1158), (712, 1218), (722, 1227), (735, 1263), (760, 1299), (780, 1338), (781, 1341), (798, 1371), (890, 1503), (921, 1509), (969, 1572), (981, 1599), (999, 1626), (1001, 1629), (1015, 1644), (1080, 1701), (1113, 1740), (1165, 1821), (1188, 1851), (1247, 1914), (1292, 1962), (1295, 1965), (1372, 2058), (1374, 2061), (1387, 2079), (1400, 2088), (1416, 2100), (1456, 2136),

Gene: Aquarius_2 Start: 378, Stop: 1889, Start Num: 228
Candidate Starts for Aquarius_2:
(Start: 228 @378 has 40 MA's), (Start: 262 @417 has 67 MA's), (Start: 297 @462 has 6 MA's), (314, 480), (Start: 333 @507 has 4 MA's), (334, 510), (Start: 393 @558 has 3 MA's), (Start: 400 @567 has 2 MA's), (405, 573), (424, 612), (426, 618), (465, 651), (474, 669), (485, 693), (487, 699), (506, 738), (512, 747), (513, 750), (533, 789), (535, 792), (566, 852), (572, 861), (591, 906), (593, 909), (602, 930), (607, 945), (611, 954), (618, 966), (664, 1041), (667, 1044), (669, 1047), (681, 1068), (745, 1134), (763, 1155), (776, 1179), (809, 1227), (855, 1293), (922, 1326), (952, 1350), (954, 1356), (973, 1398), (1054, 1476), (1062, 1485), (1075, 1497), (1112, 1530), (1130, 1551), (1131, 1554), (1134, 1557), (1143, 1569), (1160, 1599), (1172, 1605), (1184, 1620), (1190, 1626), (1278, 1704), (1280, 1707), (1290, 1719), (1299, 1731), (1366, 1797), (1373, 1806), (1378, 1812), (1385, 1821), (1433, 1875), (1443, 1881),

Gene: ArV2_02 Start: 349, Stop: 1803, Start Num: 247
Candidate Starts for ArV2_02:

(Start: 247 @349 has 171 MA's), (Start: 297 @394 has 6 MA's), (310, 415), (Start: 322 @436 has 1 MA's), (Start: 336 @457 has 12 MA's), (381, 526), (391, 541), (Start: 397 @550 has 4 MA's), (418, 589), (451, 634), (487, 691), (490, 700), (499, 718), (566, 790), (568, 793), (611, 895), (640, 937), (675, 976), (813, 1129), (816, 1132), (820, 1138), (851, 1180), (865, 1198), (962, 1297), (987, 1336), (1018, 1366), (1077, 1411), (1112, 1453), (1168, 1513), (1169, 1516), (1206, 1555), (1353, 1711),

Gene: Aragog_9 Start: 6296, Stop: 8047, Start Num: 67
Candidate Starts for Aragog_9:
(Start: 54 @6269 has 19 MA's), (Start: 67 @6296 has 32 MA's), (Start: 115 @6365 has 1 MA's), (Start: 237 @6479 has 1 MA's), (241, 6485), (362, 6617), (424, 6692), (425, 6695), (551, 6869), (567, 6893), (620, 7001), (641, 7046), (690, 7124), (693, 7130), (696, 7133), (793, 7295), (798, 7301), (812, 7328), (825, 7349), (983, 7523), (999, 7547), (1001, 7550), (1080, 7610), (1088, 7622), (1113, 7649), (1129, 7670), (1163, 7724), (1182, 7754), (1193, 7766), (1405, 8003), (1438, 8036), (1443, 8042),

Gene: Arataki_14 Start: 8072, Stop: 9817, Start Num: 307
Candidate Starts for Arataki_14:
(Start: 307 @8072 has 198 MA's), (310, 8078), (363, 8165), (367, 8171), (387, 8207), (417, 8261), (433, 8291), (467, 8357), (502, 8438), (532, 8498), (556, 8546), (570, 8564), (572, 8567), (599, 8636), (615, 8675), (637, 8720), (644, 8738), (680, 8795), (728, 8876), (750, 8924), (805, 9023), (808, 9029), (823, 9059), (837, 9080), (841, 9086), (872, 9128), (892, 9152), (1053, 9347), (1088, 9389), (1111, 9413), (1120, 9434), (1123, 9437), (1288, 9662), (1290, 9665), (1299, 9677), (1370, 9767), (1372, 9770),

Gene: Arby_4 Start: 800, Stop: 2290, Start Num: 202
Candidate Starts for Arby_4:
(Start: 202 @800 has 39 MA's), (245, 845), (Start: 318 @947 has 1 MA's), (Start: 333 @965 has 4 MA's), (Start: 336 @974 has 12 MA's), (Start: 397 @1025 has 4 MA's), (399, 1028), (405, 1037), (419, 1067), (434, 1094), (506, 1193), (577, 1292), (585, 1316), (586, 1319), (588, 1322), (607, 1367), (789, 1601), (820, 1649), (827, 1661), (864, 1700), (886, 1718), (902, 1730), (904, 1733), (922, 1754), (937, 1760), (946, 1772), (987, 1850), (1047, 1904), (1112, 1958), (1121, 1970), (1156, 2015), (1206, 2063), (1299, 2147), (1349, 2204), (1406, 2273),

Gene: Arcadia_8 Start: 4237, Stop: 5991, Start Num: 307
Candidate Starts for Arcadia_8:
(279, 4183), (Start: 303 @4231 has 2 MA's), (Start: 307 @4237 has 198 MA's), (363, 4330), (367, 4336), (502, 4603), (516, 4633), (532, 4663), (556, 4711), (570, 4729), (572, 4732), (589, 4774), (644, 4903), (750, 5089), (805, 5188), (847, 5260), (892, 5317), (950, 5395), (956, 5407), (1053, 5521), (1071, 5539), (1109, 5584), (1120, 5608), (1123, 5611), (1150, 5650), (1249, 5791), (1288, 5836), (1290, 5839), (1299, 5851), (1336, 5899), (1363, 5932), (1370, 5941), (1372, 5944),

Gene: Arcanine_12 Start: 6925, Stop: 8613, Start Num: 102
Candidate Starts for Arcanine_12:
(Start: 102 @6925 has 400 MA's), (381, 7189), (402, 7213), (513, 7375), (535, 7408), (581, 7483), (620, 7573), (631, 7597), (647, 7624), (679, 7672), (767, 7816), (774, 7828), (809, 7888), (1001, 8113), (1009, 8122), (1021, 8134), (1080, 8176), (1100, 8197), (1117, 8224), (1193, 8332), (1279, 8422), (1365, 8527),

Gene: ArcherNM_14 Start: 9227, Stop: 11014, Start Num: 103
Candidate Starts for ArcherNM_14:
(40, 9107), (Start: 103 @9227 has 236 MA's), (Start: 217 @9335 has 1 MA's), (234, 9356), (298, 9464), (Start: 330 @9515 has 14 MA's), (362, 9551), (411, 9605), (512, 9746), (513, 9749), (538, 9788), (581, 9857), (620, 9947), (631, 9971), (722, 10103), (983, 10490), (1088, 10589), (1113, 10616), (1129, 10637), (1182, 10721), (1193, 10733), (1405, 10970), (1433, 10997), (1435, 11000), (1438, 11003),

(1440, 11006),

Gene: Archetta_9 Start: 5978, Stop: 7756, Start Num: 54
Candidate Starts for Archetta_9:
(Start: 54 @5978 has 19 MA's), (Start: 67 @6005 has 32 MA's), (Start: 115 @6074 has 1 MA's), (147, 6113), (Start: 237 @6188 has 1 MA's), (241, 6194), (362, 6326), (424, 6401), (425, 6404), (523, 6539), (551, 6578), (567, 6602), (620, 6710), (641, 6755), (690, 6833), (693, 6839), (793, 7004), (812, 7037), (825, 7058), (983, 7232), (999, 7256), (1001, 7259), (1080, 7319), (1088, 7331), (1113, 7358), (1129, 7379), (1182, 7463), (1193, 7475), (1405, 7712), (1438, 7745), (1443, 7751),

Gene: ArchiDore_2 Start: 434, Stop: 1993, Start Num: 201
Candidate Starts for ArchiDore_2:
(61, 278), (77, 302), (Start: 96 @335 has 1 MA's), (Start: 121 @365 has 5 MA's), (Start: 201 @434 has 6 MA's), (263, 500), (Start: 318 @569 has 1 MA's), (349, 608), (431, 707), (480, 758), (487, 779), (488, 782), (515, 824), (565, 878), (611, 986), (672, 1070), (675, 1073), (723, 1136), (733, 1166), (743, 1184), (745, 1187), (900, 1376), (954, 1430), (959, 1439), (973, 1472), (1002, 1502), (1060, 1550), (1071, 1559), (1078, 1568), (1111, 1595), (1112, 1598), (1139, 1625), (1187, 1685), (1203, 1706), (1317, 1811), (1341, 1844), (1398, 1913),

Gene: Archie_4 Start: 1034, Stop: 2602, Start Num: 138
Candidate Starts for Archie_4:
(Start: 138 @1034 has 120 MA's), (Start: 142 @1040 has 6 MA's), (Start: 157 @1058 has 1 MA's), (Start: 284 @1196 has 1 MA's), (Start: 318 @1244 has 1 MA's), (Start: 333 @1262 has 4 MA's), (444, 1388), (512, 1493), (515, 1499), (591, 1631), (594, 1637), (602, 1658), (675, 1757), (710, 1805), (762, 1859), (776, 1883), (791, 1904), (807, 1928), (809, 1934), (827, 1964), (832, 1970), (855, 1997), (863, 2006), (962, 2096), (1023, 2174), (1060, 2210), (1116, 2255), (1172, 2321), (1213, 2372), (1234, 2396), (1266, 2414), (1278, 2423), (1420, 2570), (1448, 2594), (1450, 2597),

Gene: Archimedes_1 Start: 59, Stop: 1762, Start Num: 71
Candidate Starts for Archimedes_1:
(51, 20), (Start: 71 @59 has 4 MA's), (Start: 198 @218 has 4 MA's), (Start: 205 @227 has 1 MA's), (Start: 218 @242 has 8 MA's), (289, 329), (Start: 403 @467 has 1 MA's), (431, 524), (465, 551), (489, 605), (598, 770), (628, 839), (648, 878), (658, 893), (807, 1034), (811, 1043), (821, 1052), (829, 1064), (873, 1112), (899, 1142), (919, 1166), (964, 1223), (1020, 1298), (1045, 1322), (1058, 1334), (1176, 1481), (1177, 1484), (1286, 1577), (1303, 1598), (1383, 1694), (1423, 1724), (1449, 1751), (1451, 1754),

Gene: Archis_2 Start: 360, Stop: 1928, Start Num: 173
Candidate Starts for Archis_2:
(65, 255), (Start: 173 @360 has 36 MA's), (259, 444), (289, 477), (Start: 318 @519 has 1 MA's), (Start: 333 @537 has 4 MA's), (342, 552), (384, 573), (399, 594), (419, 633), (465, 693), (483, 729), (487, 741), (515, 786), (520, 795), (539, 822), (593, 900), (648, 1005), (661, 1020), (675, 1035), (745, 1113), (778, 1164), (919, 1320), (956, 1359), (973, 1398), (1015, 1443), (1071, 1488), (1074, 1491), (1078, 1497), (1107, 1518), (1112, 1527), (1113, 1530), (1146, 1560), (1157, 1584), (1174, 1599), (1278, 1701), (1317, 1743), (1326, 1758), (1346, 1779), (1358, 1794), (1449, 1890), (1459, 1902), (1463, 1911), (1464, 1917),

Gene: ArcusAngelus_2 Start: 573, Stop: 2210, Start Num: 155
Candidate Starts for ArcusAngelus_2:
(Start: 155 @573 has 202 MA's), (163, 582), (Start: 176 @597 has 3 MA's), (Start: 204 @618 has 1 MA's), (Start: 217 @630 has 1 MA's), (Start: 247 @654 has 171 MA's), (Start: 250 @657 has 144 MA's), (Start: 318 @720 has 1 MA's), (353, 759), (412, 846), (454, 906), (473, 918), (484, 930), (487, 939), (488, 942), (496, 963), (508, 984), (516, 999), (548, 1056), (575, 1095), (602, 1164), (604, 1170),

(621, 1200), (622, 1203), (627, 1212), (635, 1227), (647, 1245), (680, 1296), (736, 1389), (740, 1398), (862, 1569), (874, 1581), (983, 1665), (1005, 1695), (1007, 1698), (1010, 1701), (1080, 1758), (1097, 1773), (1101, 1779), (1104, 1782), (1113, 1797), (1117, 1806), (1164, 1875), (1190, 1905), (1196, 1914), (1225, 1947), (1250, 1980), (1265, 2007), (1297, 2040), (1315, 2061), (1320, 2067), (1325, 2070), (1349, 2091), (1365, 2115), (1372, 2124), (1374, 2127), (1429, 2184),

Gene: Ardmore_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Ardmore_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: AreFloNak_7 Start: 3594, Stop: 5333, Start Num: 307
Candidate Starts for AreFloNak_7:
(Start: 307 @3594 has 198 MA's), (367, 3693), (433, 3813), (485, 3912), (502, 3954), (516, 3984), (532, 4014), (556, 4062), (572, 4083), (611, 4185), (644, 4254), (656, 4278), (709, 4368), (750, 4440), (791, 4515), (805, 4539), (892, 4668), (956, 4749), (1053, 4863), (1071, 4881), (1076, 4887), (1120, 4950), (1123, 4953), (1252, 5142), (1273, 5157), (1276, 5163), (1290, 5181), (1299, 5193), (1370, 5283), (1372, 5286),

Gene: Argan_7 Start: 3230, Stop: 4963, Start Num: 307
Candidate Starts for Argan_7:
(Start: 307 @3230 has 198 MA's), (367, 3329), (493, 3566), (516, 3614), (556, 3692), (570, 3710), (572, 3713), (599, 3782), (644, 3884), (656, 3908), (693, 3965), (750, 4070), (805, 4169), (820, 4199), (847, 4241), (892, 4298), (950, 4367), (956, 4379), (1053, 4493), (1071, 4511), (1120, 4580), (1123, 4583), (1273, 4787), (1290, 4811), (1299, 4823), (1309, 4835), (1334, 4868), (1370, 4913), (1372, 4916),

Gene: Argent26_10 Start: 2509, Stop: 4179, Start Num: 394
Candidate Starts for Argent26_10:
(Start: 394 @2509 has 48 MA's), (427, 2572), (551, 2806), (598, 2908), (693, 3088), (710, 3112), (724, 3130), (732, 3142), (768, 3205), (776, 3217), (808, 3262), (815, 3277), (873, 3355), (911, 3400), (934, 3454), (935, 3460), (1000, 3574), (1037, 3622), (1104, 3718), (1116, 3739), (1124, 3754), (1218, 3907), (1232, 3919), (1279, 3976), (1307, 4012), (1346, 4063), (1372, 4099), (1374, 4102), (1438, 4168),

Gene: Arianna_3 Start: 1236, Stop: 2873, Start Num: 162
Candidate Starts for Arianna_3:
(Start: 162 @1236 has 4 MA's), (183, 1260), (Start: 253 @1338 has 2 MA's), (320, 1404), (408, 1503), (415, 1521), (424, 1530), (426, 1536), (473, 1584), (477, 1590), (485, 1599), (504, 1641), (508, 1647), (509, 1650), (513, 1659), (558, 1737), (620, 1854), (625, 1866), (626, 1869), (631, 1878), (675, 1941), (722, 2013), (735, 2046), (808, 2124), (907, 2235), (956, 2280), (1105, 2412), (1111, 2418), (1179, 2550), (1210, 2589), (1279, 2679), (1301, 2706), (1370, 2787), (1381, 2802), (1383, 2805), (1396, 2814), (1442, 2862),

Gene: Arib1_2 Start: 413, Stop: 2089, Start Num: 138
Candidate Starts for Arib1_2:

(Start: 138 @413 has 120 MA's), (Start: 318 @629 has 1 MA's), (349, 668), (380, 725), (384, 731), (396, 749), (421, 794), (422, 797), (426, 806), (431, 815), (444, 821), (445, 824), (483, 878), (490, 899), (495, 911), (558, 1001), (659, 1190), (745, 1286), (778, 1337), (902, 1478), (919, 1490), (1024, 1622), (1107, 1688), (1112, 1697), (1139, 1724), (1172, 1766), (1187, 1784), (1278, 1868), (1290, 1883), (1463, 2072),

Gene: Ariel_9 Start: 2909, Stop: 4441, Start Num: 233
Candidate Starts for Ariel_9:
(Start: 198 @2867 has 4 MA's), (Start: 205 @2876 has 1 MA's), (Start: 233 @2909 has 12 MA's), (331, 3023), (Start: 403 @3119 has 1 MA's), (424, 3161), (426, 3167), (484, 3242), (487, 3251), (566, 3353), (568, 3356), (583, 3392), (599, 3425), (766, 3674), (808, 3737), (822, 3764), (862, 3809), (960, 3923), (975, 3959), (1005, 3989), (1015, 3998), (1082, 4052), (1112, 4076), (1349, 4310), (1358, 4322),

Gene: Arielagos_2 Start: 424, Stop: 1926, Start Num: 191
Candidate Starts for Arielagos_2:
(Start: 136 @361 has 1 MA's), (Start: 179 @412 has 1 MA's), (Start: 191 @424 has 4 MA's), (213, 448), (239, 472), (Start: 318 @583 has 1 MA's), (Start: 336 @610 has 12 MA's), (405, 673), (419, 703), (424, 712), (434, 730), (513, 841), (540, 874), (586, 955), (607, 1003), (657, 1084), (776, 1219), (794, 1246), (827, 1297), (860, 1330), (1021, 1513), (1121, 1606), (1154, 1645), (1156, 1651), (1174, 1660), (1206, 1699), (1299, 1783), (1317, 1798), (1364, 1858), (1387, 1888),

Gene: Aries55_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for Aries55_3:
(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (806, 1881), (817, 1896), (842, 1932), (880, 1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298), (1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: Arissanae_11 Start: 6238, Stop: 8028, Start Num: 103
Candidate Starts for Arissanae_11:
(Start: 103 @6238 has 236 MA's), (Start: 117 @6253 has 10 MA's), (241, 6370), (298, 6469), (424, 6631), (487, 6703), (513, 6757), (538, 6796), (581, 6868), (620, 6958), (631, 6982), (722, 7114), (778, 7222), (823, 7297), (848, 7333), (898, 7393), (928, 7429), (992, 7513), (1006, 7534), (1113, 7630), (1115, 7633), (1129, 7651), (1163, 7705), (1182, 7735), (1193, 7747), (1279, 7837), (1295, 7855), (1340, 7906), (1405, 7984), (1433, 8011), (1435, 8014),

Gene: Arlo_10 Start: 6614, Stop: 8302, Start Num: 102
Candidate Starts for Arlo_10:
(Start: 102 @6614 has 400 MA's), (381, 6878), (402, 6902), (513, 7064), (535, 7097), (581, 7172), (620, 7262), (631, 7286), (647, 7313), (679, 7361), (728, 7430), (767, 7505), (774, 7517), (809, 7577), (1009, 7811), (1021, 7823), (1080, 7865), (1100, 7886), (1117, 7913), (1193, 8021), (1279, 8111), (1365, 8216),

Gene: Armstrong_2 Start: 593, Stop: 2155, Start Num: 225
Candidate Starts for Armstrong_2:
(Start: 225 @593 has 84 MA's), (Start: 307 @701 has 198 MA's), (339, 749), (431, 857), (444, 863), (459, 872), (461, 878), (463, 881), (515, 977), (569, 1040), (620, 1154), (650, 1214), (662, 1232), (822, 1460), (865, 1505), (973, 1643), (1290, 1970), (1453, 2144), (1457, 2147),

Gene: Aroostook_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for Aroostook_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809),

(505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Arroyo_4 Start: 1159, Stop: 2787, Start Num: 225
Candidate Starts for Arroyo_4:
(Start: 225 @1159 has 84 MA's), (339, 1315), (431, 1423), (485, 1492), (490, 1507), (594, 1657), (595, 1660), (620, 1720), (643, 1768), (662, 1798), (1003, 2254), (1020, 2269), (1328, 2620), (1369, 2668), (1464, 2776),

Gene: Artemis2UCLA_15 Start: 7416, Stop: 9170, Start Num: 103
Candidate Starts for Artemis2UCLA_15:
(Start: 103 @7416 has 236 MA's), (241, 7548), (298, 7647), (314, 7671), (Start: 330 @7698 has 14 MA's), (362, 7734), (424, 7809), (513, 7932), (523, 7947), (538, 7971), (581, 8040), (593, 8064), (594, 8067), (620, 8130), (631, 8154), (718, 8283), (722, 8286), (780, 8397), (914, 8559), (983, 8646), (992, 8658), (999, 8670), (1064, 8718), (1080, 8733), (1113, 8772), (1129, 8793), (1182, 8877), (1193, 8889), (1405, 9126), (1433, 9153), (1435, 9156),

Gene: ArtetaBall_17 Start: 9229, Stop: 10974, Start Num: 307
Candidate Starts for ArtetaBall_17:
(Start: 307 @9229 has 198 MA's), (310, 9235), (367, 9328), (387, 9364), (417, 9418), (433, 9448), (502, 9595), (556, 9703), (570, 9721), (572, 9724), (599, 9793), (637, 9877), (644, 9895), (680, 9952), (750, 10081), (805, 10180), (808, 10186), (872, 10285), (892, 10309), (1050, 10495), (1053, 10504), (1111, 10570), (1120, 10591), (1123, 10594), (1249, 10774), (1288, 10819), (1290, 10822), (1299, 10834), (1370, 10924), (1372, 10927),

Gene: Arti_24 Start: 12115, Stop: 13842, Start Num: 153
Candidate Starts for Arti_24:
(30, 11881), (Start: 72 @12010 has 7 MA's), (Start: 153 @12115 has 15 MA's), (Start: 317 @12265 has 15 MA's), (351, 12316), (353, 12322), (379, 12361), (Start: 403 @12391 has 1 MA's), (414, 12415), (424, 12433), (437, 12460), (464, 12523), (473, 12541), (621, 12826), (635, 12853), (691, 12937), (740, 13021), (748, 13033), (768, 13066), (824, 13144), (883, 13222), (983, 13294), (1007, 13327), (1054, 13390), (1080, 13417), (1104, 13441), (1117, 13465), (1196, 13564), (1237, 13612), (1365, 13750), (1387, 13780), (1445, 13834),

Gene: Artorias_13 Start: 7494, Stop: 9239, Start Num: 307
Candidate Starts for Artorias_13:
(Start: 307 @7494 has 198 MA's), (310, 7500), (363, 7587), (367, 7593), (387, 7629), (417, 7683), (467, 7779), (556, 7968), (570, 7986), (572, 7989), (599, 8058), (644, 8160), (666, 8196), (680, 8217), (693, 8241), (728, 8298), (750, 8346), (785, 8412), (805, 8445), (808, 8451), (823, 8481), (837, 8502), (892, 8574), (1053, 8769), (1111, 8835), (1120, 8856), (1123, 8859), (1160, 8919), (1244, 9030), (1274, 9066), (1290, 9087), (1299, 9099), (1334, 9144), (1336, 9147), (1370, 9189), (1372, 9192),

Gene: Arturo_10 Start: 6995, Stop: 8692, Start Num: 102
Candidate Starts for Arturo_10:
(Start: 102 @6995 has 400 MA's), (Start: 124 @7019 has 46 MA's), (Start: 251 @7142 has 3 MA's), (350, 7232), (381, 7265), (467, 7364), (512, 7448), (513, 7451), (538, 7490), (581, 7559), (593, 7583), (620, 7649), (675, 7739), (774, 7904), (825, 7991), (848, 8024), (923, 8090), (983, 8165), (999, 8189), (1080, 8255), (1113, 8294), (1129, 8315), (1193, 8411), (1402, 8645), (1405, 8648), (1435, 8678), (1438, 8681),

Gene: Arzan_8 Start: 3716, Stop: 5464, Start Num: 307

Candidate Starts for Arzan_8:
(Start: 307 @3716 has 198 MA's), (367, 3815), (396, 3866), (516, 4112), (535, 4148), (556, 4190), (570, 4208), (572, 4211), (608, 4304), (644, 4382), (646, 4388), (696, 4466), (709, 4496), (722, 4508), (750, 4568), (771, 4604), (791, 4643), (805, 4667), (892, 4796), (956, 4880), (1053, 4994), (1076, 5018), (1120, 5081), (1123, 5084), (1244, 5255), (1273, 5288), (1290, 5312), (1299, 5324), (1336, 5372), (1363, 5405), (1370, 5414), (1372, 5417),

Gene: Asa16_2 Start: 533, Stop: 2239, Start Num: 124
Candidate Starts for Asa16_2:
(Start: 124 @533 has 46 MA's), (Start: 232 @620 has 1 MA's), (486, 905), (513, 962), (525, 983), (546, 1010), (595, 1100), (623, 1154), (645, 1199), (693, 1274), (748, 1364), (851, 1487), (881, 1526), (983, 1649), (1146, 1829), (1163, 1862), (1193, 1904), (1209, 1919), (1292, 2054), (1325, 2090), (1372, 2150), (1381, 2162),

Gene: Asayake_8 Start: 1637, Stop: 3058, Start Num: 247
Candidate Starts for Asayake_8:
(Start: 165 @1565 has 76 MA's), (Start: 230 @1625 has 31 MA's), (Start: 247 @1637 has 171 MA's), (Start: 336 @1748 has 12 MA's), (342, 1754), (391, 1832), (402, 1841), (425, 1889), (444, 1907), (487, 1976), (514, 2018), (517, 2024), (532, 2051), (533, 2054), (607, 2171), (611, 2180), (675, 2261), (792, 2375), (820, 2423), (827, 2435), (851, 2465), (870, 2489), (880, 2501), (959, 2579), (962, 2585), (1112, 2729), (1146, 2762), (1187, 2816), (1353, 2993), (1425, 3047),

Gene: Ascela_2 Start: 534, Stop: 2240, Start Num: 124
Candidate Starts for Ascela_2:
(Start: 124 @534 has 46 MA's), (486, 906), (513, 963), (546, 1011), (595, 1101), (645, 1200), (693, 1275), (748, 1365), (851, 1488), (881, 1527), (983, 1650), (1146, 1830), (1165, 1869), (1193, 1905), (1209, 1920), (1292, 2055), (1363, 2139), (1372, 2151), (1381, 2163),

Gene: Ashballer_10 Start: 7174, Stop: 8682, Start Num: 309
Candidate Starts for Ashballer_10:
(Start: 110 @6994 has 24 MA's), (Start: 309 @7174 has 15 MA's), (381, 7258), (Start: 403 @7285 has 1 MA's), (408, 7294), (513, 7444), (581, 7552), (620, 7642), (631, 7666), (647, 7693), (679, 7741), (767, 7885), (774, 7897), (778, 7906), (809, 7957), (1009, 8191), (1021, 8203), (1080, 8245), (1100, 8266), (1117, 8293), (1193, 8401), (1279, 8491), (1365, 8596),

Gene: Ashes_2 Start: 594, Stop: 2282, Start Num: 143
Candidate Starts for Ashes_2:
(Start: 143 @594 has 16 MA's), (354, 795), (477, 939), (490, 963), (513, 1008), (573, 1095), (595, 1149), (617, 1188), (693, 1323), (759, 1425), (952, 1647), (983, 1698), (1165, 1917), (1193, 1953), (1209, 1968), (1372, 2193), (1381, 2205), (1399, 2220), (1445, 2271),

Gene: Ashwin_32 Start: 13447, Stop: 14961, Start Num: 181
Candidate Starts for Ashwin_32:
(Start: 181 @13447 has 17 MA's), (Start: 184 @13450 has 14 MA's), (Start: 322 @13630 has 1 MA's), (381, 13723), (424, 13798), (451, 13831), (474, 13858), (487, 13888), (591, 14041), (594, 14047), (607, 14083), (611, 14092), (675, 14173), (679, 14182), (680, 14185), (788, 14281), (809, 14317), (810, 14320), (957, 14476), (962, 14485), (1025, 14554), (1042, 14563), (1046, 14569), (1080, 14602), (1112, 14638), (1187, 14725), (1203, 14746), (1277, 14809), (1283, 14812), (1286, 14815), (1299, 14833), (1317, 14854), (1353, 14896), (1380, 14929), (1386, 14932), (1415, 14944),

Gene: Asriel_8 Start: 2168, Stop: 3838, Start Num: 394
Candidate Starts for Asriel_8:

(Start: 394 @2168 has 48 MA's), (427, 2231), (551, 2465), (598, 2567), (693, 2747), (710, 2771), (724, 2789), (732, 2801), (768, 2864), (776, 2876), (808, 2921), (815, 2936), (873, 3014), (911, 3059), (934, 3113), (935, 3119), (1000, 3233), (1104, 3377), (1124, 3413), (1218, 3566), (1232, 3578), (1279, 3635), (1307, 3671), (1346, 3722), (1372, 3758), (1374, 3761), (1438, 3827),

Gene: Asten_6 Start: 2376, Stop: 4022, Start Num: 95
Candidate Starts for Asten_6:
(Start: 95 @2376 has 98 MA's), (Start: 113 @2394 has 11 MA's), (Start: 251 @2526 has 3 MA's), (Start: 330 @2598 has 14 MA's), (362, 2634), (504, 2814), (515, 2835), (548, 2880), (575, 2922), (603, 2994), (620, 3018), (680, 3117), (690, 3132), (704, 3156), (712, 3162), (838, 3330), (983, 3480), (997, 3501), (1064, 3564), (1088, 3591), (1165, 3699), (1193, 3738), (1214, 3759), (1219, 3765), (1236, 3783), (1325, 3879), (1372, 3939), (1445, 4017),

Gene: Astro_9 Start: 5704, Stop: 7458, Start Num: 67
Candidate Starts for Astro_9:
(Start: 67 @5704 has 32 MA's), (92, 5746), (Start: 128 @5785 has 7 MA's), (241, 5893), (424, 6100), (567, 6301), (620, 6409), (693, 6538), (793, 6703), (812, 6736), (926, 6856), (983, 6931), (1100, 7042), (1113, 7060), (1129, 7081), (1163, 7135), (1193, 7177), (1292, 7282), (1372, 7381), (1405, 7414), (1438, 7447), (1443, 7453),

Gene: Astro16_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for Astro16_3:
(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (806, 1881), (817, 1896), (842, 1932), (880, 1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298), (1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: Atcoo_2 Start: 401, Stop: 2077, Start Num: 138
Candidate Starts for Atcoo_2:
(Start: 138 @401 has 120 MA's), (Start: 318 @617 has 1 MA's), (349, 656), (380, 713), (384, 719), (396, 737), (421, 782), (426, 794), (431, 803), (444, 809), (483, 866), (490, 887), (495, 899), (558, 989), (659, 1178), (745, 1274), (766, 1304), (778, 1325), (902, 1466), (919, 1478), (1107, 1676), (1112, 1685), (1139, 1712), (1172, 1754), (1187, 1772), (1278, 1856), (1290, 1871), (1463, 2060),

Gene: Atiba_8 Start: 1556, Stop: 2980, Start Num: 247
Candidate Starts for Atiba_8:
(Start: 165 @1484 has 76 MA's), (Start: 230 @1544 has 31 MA's), (Start: 247 @1556 has 171 MA's), (Start: 336 @1667 has 12 MA's), (342, 1673), (391, 1751), (402, 1760), (425, 1808), (444, 1826), (487, 1895), (514, 1937), (517, 1943), (532, 1970), (533, 1973), (607, 2090), (611, 2099), (675, 2180), (792, 2294), (820, 2342), (827, 2354), (851, 2384), (870, 2408), (880, 2420), (959, 2498), (962, 2504), (1112, 2651), (1146, 2684), (1187, 2738), (1353, 2915), (1425, 2969),

Gene: Atkinbua_12 Start: 6969, Stop: 8657, Start Num: 102
Candidate Starts for Atkinbua_12:
(Start: 102 @6969 has 400 MA's), (381, 7233), (402, 7257), (513, 7419), (535, 7452), (581, 7527), (620, 7617), (631, 7641), (647, 7668), (679, 7716), (728, 7785), (774, 7872), (778, 7881), (809, 7932), (1009, 8166), (1021, 8178), (1080, 8220), (1100, 8241), (1117, 8268), (1193, 8376), (1279, 8466), (1365, 8571),

Gene: Atlantica_2 Start: 349, Stop: 1992, Start Num: 171
Candidate Starts for Atlantica_2:
(Start: 171 @349 has 16 MA's), (Start: 193 @370 has 21 MA's), (Start: 397 @601 has 4 MA's), (399, 604), (405, 613), (422, 649), (431, 667), (488, 745), (569, 850), (620, 964), (631, 988), (650, 1024),

(665, 1045), (677, 1060), (713, 1120), (774, 1204), (954, 1420), (961, 1432), (975, 1459), (1003, 1498), (1009, 1504), (1048, 1543), (1080, 1570), (1096, 1582), (1117, 1615), (1126, 1627), (1151, 1660), (1305, 1831), (1364, 1900), (1385, 1927), (1403, 1948), (1447, 1978), (1449, 1981), (1451, 1984),

Gene: Atraxa_3 Start: 604, Stop: 2115, Start Num: 197
Candidate Starts for Atraxa_3:
(158, 562), (Start: 197 @604 has 3 MA's), (Start: 318 @763 has 1 MA's), (354, 808), (402, 847), (405, 853), (419, 883), (425, 895), (444, 913), (506, 1009), (577, 1108), (585, 1132), (586, 1135), (607, 1183), (622, 1213), (637, 1228), (641, 1237), (647, 1246), (661, 1270), (794, 1426), (799, 1429), (827, 1477), (889, 1537), (900, 1546), (922, 1573), (963, 1624), (1039, 1711), (1060, 1729), (1128, 1801), (1172, 1843), (1174, 1846), (1201, 1876), (1226, 1909), (1228, 1912), (1241, 1930),

Gene: Attacne_2 Start: 373, Stop: 1884, Start Num: 228
Candidate Starts for Attacne_2:
(Start: 225 @370 has 84 MA's), (Start: 228 @373 has 40 MA's), (Start: 238 @385 has 22 MA's), (Start: 262 @412 has 67 MA's), (274, 430), (Start: 297 @457 has 6 MA's), (314, 475), (Start: 333 @502 has 4 MA's), (334, 505), (Start: 393 @553 has 3 MA's), (Start: 400 @562 has 2 MA's), (405, 568), (419, 598), (424, 607), (426, 613), (465, 646), (474, 664), (485, 688), (487, 694), (506, 733), (512, 742), (513, 745), (533, 784), (535, 787), (566, 847), (572, 856), (591, 901), (593, 904), (602, 925), (607, 940), (611, 949), (653, 1021), (664, 1036), (667, 1039), (669, 1042), (674, 1048), (681, 1063), (745, 1129), (763, 1150), (776, 1174), (785, 1186), (797, 1201), (809, 1222), (855, 1288), (922, 1321), (954, 1351), (973, 1393), (1054, 1471), (1062, 1480), (1075, 1492), (1112, 1525), (1130, 1546), (1131, 1549), (1134, 1552), (1143, 1564), (1160, 1594), (1172, 1600), (1184, 1615), (1190, 1621), (1278, 1699), (1280, 1702), (1290, 1714), (1366, 1792), (1373, 1801), (1378, 1807), (1385, 1816), (1433, 1870), (1443, 1876),

Gene: Attis_2 Start: 318, Stop: 1889, Start Num: 151
Candidate Starts for Attis_2:
(Start: 151 @318 has 55 MA's), (Start: 297 @474 has 6 MA's), (Start: 318 @504 has 1 MA's), (342, 537), (421, 621), (425, 630), (465, 666), (491, 726), (566, 816), (568, 819), (607, 912), (620, 936), (648, 978), (689, 1032), (723, 1071), (778, 1137), (789, 1149), (808, 1179), (840, 1212), (919, 1293), (959, 1338), (962, 1344), (971, 1365), (1054, 1455), (1109, 1500), (1112, 1506), (1142, 1536), (1146, 1539), (1187, 1593), (1216, 1629), (1280, 1680), (1331, 1740), (1334, 1743), (1371, 1785), (1461, 1872),

Gene: Attoomi_3 Start: 881, Stop: 2503, Start Num: 139
Candidate Starts for Attoomi_3:
(Start: 139 @881 has 1 MA's), (Start: 202 @920 has 39 MA's), (Start: 232 @953 has 1 MA's), (Start: 403 @1136 has 1 MA's), (412, 1154), (487, 1241), (504, 1277), (513, 1295), (525, 1313), (538, 1334), (565, 1370), (575, 1382), (595, 1433), (620, 1478), (622, 1484), (647, 1535), (659, 1556), (675, 1574), (718, 1637), (728, 1652), (735, 1673), (803, 1739), (821, 1775), (838, 1799), (851, 1817), (863, 1835), (912, 1868), (965, 1922), (983, 1946), (987, 1952), (992, 1958), (1080, 2045), (1129, 2105), (1146, 2126), (1164, 2162), (1165, 2165), (1182, 2189), (1193, 2201), (1236, 2246), (1250, 2270), (1292, 2321), (1381, 2429), (1442, 2489),

Gene: Aubs_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Aubs_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320,

2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: Audell_7 Start: 4657, Stop: 6186, Start Num: 208
Candidate Starts for Audell_7:
(Start: 208 @4657 has 5 MA's), (259, 4702), (Start: 297 @4741 has 6 MA's), (314, 4765), (402, 4855), (405, 4861), (495, 5011), (611, 5242), (618, 5254), (650, 5311), (750, 5467), (765, 5488), (808, 5554), (810, 5560), (1228, 5986), (1369, 6127),

Gene: AugsMagnumOpus_15 Start: 6949, Stop: 8649, Start Num: 105
Candidate Starts for AugsMagnumOpus_15:
(Start: 105 @6949 has 85 MA's), (Start: 145 @6997 has 1 MA's), (302, 7132), (467, 7324), (513, 7411), (620, 7609), (675, 7699), (718, 7762), (809, 7924), (983, 8122), (999, 8146), (1001, 8149), (1080, 8212), (1100, 8233), (1129, 8272), (1193, 8368), (1241, 8422), (1279, 8458), (1405, 8605), (1435, 8635), (1438, 8638),

Gene: AuntGwenStacy_9 Start: 4674, Stop: 6299, Start Num: 155
Candidate Starts for AuntGwenStacy_9:
(82, 4593), (93, 4611), (Start: 133 @4650 has 3 MA's), (Start: 142 @4662 has 6 MA's), (149, 4668), (Start: 155 @4674 has 202 MA's), (160, 4680), (Start: 303 @4848 has 2 MA's), (310, 4860), (Start: 317 @4872 has 15 MA's), (431, 5016), (484, 5112), (487, 5121), (532, 5199), (535, 5205), (584, 5262), (593, 5277), (631, 5367), (648, 5400), (650, 5403), (753, 5475), (790, 5532), (824, 5580), (840, 5601), (847, 5613), (858, 5625), (877, 5649), (899, 5673), (903, 5679), (954, 5736), (964, 5754), (1046, 5856), (1083, 5898), (1127, 5961), (1134, 5970), (1137, 5976), (1233, 6090), (1275, 6102), (1294, 6120), (1327, 6162), (1362, 6204), (1374, 6219),

Gene: Auspice_14 Start: 4719, Stop: 6263, Start Num: 170
Candidate Starts for Auspice_14:
(Start: 170 @4719 has 103 MA's), (215, 4767), (398, 4968), (487, 5106), (606, 5298), (776, 5508), (809, 5559), (863, 5631), (959, 5694), (970, 5718), (977, 5733), (1041, 5793), (1050, 5805), (1113, 5865), (1142, 5898), (1160, 5931), (1190, 5958), (1228, 6006), (1400, 6192), (1420, 6213),

Gene: AustinPowers_2 Start: 600, Stop: 1994, Start Num: 307
Candidate Starts for AustinPowers_2:
(Start: 165 @429 has 76 MA's), (Start: 307 @600 has 198 MA's), (Start: 397 @693 has 4 MA's), (426, 750), (431, 759), (463, 783), (488, 837), (569, 966), (593, 1014), (620, 1080), (650, 1140), (672, 1170), (790, 1269), (803, 1284), (941, 1452), (983, 1527), (1009, 1560), (1100, 1644), (1133, 1692), (1177, 1716), (1283, 1806), (1328, 1860), (1404, 1941), (1451, 1980),

Gene: AvGardian_3 Start: 755, Stop: 2380, Start Num: 225
Candidate Starts for AvGardian_3:
(Start: 225 @755 has 84 MA's), (339, 911), (431, 1019), (459, 1034), (490, 1103), (515, 1139), (520, 1148), (594, 1253), (595, 1256), (620, 1316), (628, 1334), (630, 1337), (643, 1364), (662, 1394), (774, 1556), (921, 1736), (1015, 1859), (1020, 1862), (1117, 1964), (1328, 2213), (1447, 2330), (1464, 2369),

Gene: AvadaKedavra_4 Start: 1052, Stop: 2635, Start Num: 138
Candidate Starts for AvadaKedavra_4:
(Start: 138 @1052 has 120 MA's), (Start: 142 @1058 has 6 MA's), (293, 1229), (361, 1316), (396, 1334), (402, 1340), (419, 1376), (513, 1514), (515, 1517), (566, 1592), (591, 1646), (593, 1649), (594, 1652), (710, 1820), (762, 1874), (766, 1883), (776, 1898), (791, 1919), (813, 1958), (827, 1979), (832, 1985), (855, 2012), (900, 2054), (942, 2078), (954, 2096), (959, 2105), (962, 2111), (977, 2144), (1009, 2177), (1050, 2216), (1057, 2222), (1060, 2225), (1116, 2270), (1172, 2336), (1213, 2387), (1226, 2402), (1234, 2411), (1263, 2426), (1266, 2429), (1373, 2531), (1394, 2558), (1448, 2609), (1450,

2612),

Gene: AvatarAhPeg_11 Start: 6848, Stop: 8545, Start Num: 102
Candidate Starts for AvatarAhPeg_11:
(Start: 102 @6848 has 400 MA's), (Start: 124 @6872 has 46 MA's), (Start: 309 @7034 has 15 MA's), (381, 7118), (512, 7301), (513, 7304), (538, 7343), (581, 7412), (593, 7436), (604, 7466), (620, 7502), (675, 7592), (774, 7757), (803, 7802), (825, 7844), (848, 7877), (923, 7943), (983, 8018), (999, 8042), (1080, 8108), (1113, 8147), (1129, 8168), (1193, 8264), (1405, 8501), (1435, 8531), (1438, 8534),

Gene: Avazak_13 Start: 7494, Stop: 9239, Start Num: 307
Candidate Starts for Avazak_13:
(Start: 307 @7494 has 198 MA's), (310, 7500), (363, 7587), (367, 7593), (387, 7629), (417, 7683), (467, 7779), (556, 7968), (570, 7986), (572, 7989), (599, 8058), (644, 8160), (666, 8196), (680, 8217), (693, 8241), (728, 8298), (750, 8346), (785, 8412), (805, 8445), (808, 8451), (823, 8481), (837, 8502), (892, 8574), (1053, 8769), (1111, 8835), (1120, 8856), (1123, 8859), (1160, 8919), (1244, 9030), (1274, 9066), (1290, 9087), (1299, 9099), (1334, 9144), (1336, 9147), (1370, 9189), (1372, 9192),

Gene: Avle17_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Avle17_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Avocado_2 Start: 352, Stop: 1935, Start Num: 131
Candidate Starts for Avocado_2:
(Start: 131 @352 has 1 MA's), (221, 436), (399, 652), (425, 703), (463, 739), (490, 799), (594, 964), (607, 1000), (618, 1021), (640, 1051), (675, 1090), (820, 1252), (870, 1315), (882, 1330), (923, 1375), (926, 1378), (962, 1426), (977, 1450), (1074, 1525), (1112, 1576), (1142, 1606), (1146, 1609), (1150, 1618), (1157, 1633), (1160, 1639), (1172, 1645), (1205, 1684), (1263, 1735), (1280, 1750), (1348, 1837), (1353, 1843), (1425, 1924), (1431, 1930),

Gene: Avocadoman_3 Start: 747, Stop: 2375, Start Num: 225
Candidate Starts for Avocadoman_3:
(Start: 225 @747 has 84 MA's), (339, 903), (431, 1011), (490, 1095), (518, 1137), (569, 1194), (594, 1245), (595, 1248), (620, 1308), (628, 1326), (643, 1356), (662, 1386), (1003, 1842), (1020, 1857), (1328, 2208), (1369, 2256), (1464, 2364),

Gene: Avrafan_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for Avrafan_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Avvas_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for Avvas_3:
(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (806, 1881), (817, 1896), (842, 1932), (880, 1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298),

(1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: Axiom_7 Start: 2171, Stop: 3832, Start Num: 95
Candidate Starts for Axiom_7:
(Start: 95 @2171 has 98 MA's), (407, 2489), (485, 2582), (490, 2597), (504, 2624), (515, 2645), (620, 2828), (636, 2861), (675, 2915), (693, 2948), (718, 2978), (722, 2981), (735, 3017), (813, 3104), (816, 3110), (838, 3140), (851, 3158), (981, 3287), (983, 3290), (992, 3302), (997, 3311), (1004, 3320), (1088, 3401), (1113, 3428), (1193, 3548), (1214, 3569), (1236, 3593), (1292, 3653), (1372, 3749), (1445, 3827),

Gene: Axym_4 Start: 1113, Stop: 2792, Start Num: 170
Candidate Starts for Axym_4:
(Start: 170 @1113 has 103 MA's), (Start: 232 @1164 has 1 MA's), (Start: 249 @1185 has 1 MA's), (Start: 251 @1188 has 3 MA's), (304, 1230), (362, 1311), (415, 1377), (424, 1386), (485, 1458), (490, 1473), (509, 1509), (513, 1518), (543, 1569), (595, 1668), (623, 1722), (645, 1758), (735, 1902), (760, 1938), (780, 1977), (798, 2010), (825, 2058), (848, 2091), (866, 2115), (921, 2148), (954, 2181), (981, 2238), (987, 2247), (1076, 2331), (1100, 2358), (1146, 2418), (1214, 2514), (1282, 2586), (1292, 2598), (1394, 2718), (1454, 2778), (1456, 2781),

Gene: Ayanochan_14 Start: 8157, Stop: 9929, Start Num: 117
Candidate Starts for Ayanochan_14:
(Start: 103 @8142 has 236 MA's), (Start: 117 @8157 has 10 MA's), (Start: 121 @8163 has 5 MA's), (241, 8274), (298, 8373), (424, 8535), (487, 8607), (513, 8661), (538, 8700), (581, 8772), (620, 8862), (631, 8886), (704, 9003), (722, 9018), (778, 9126), (823, 9201), (848, 9237), (898, 9297), (992, 9417), (1006, 9438), (1064, 9477), (1113, 9531), (1115, 9534), (1129, 9552), (1163, 9606), (1182, 9636), (1193, 9648), (1279, 9738), (1295, 9756), (1405, 9885), (1433, 9912), (1435, 9915),

Gene: AylexOG_4 Start: 1044, Stop: 2672, Start Num: 225
Candidate Starts for AylexOG_4:
(Start: 225 @1044 has 84 MA's), (339, 1200), (431, 1308), (490, 1392), (503, 1416), (518, 1434), (594, 1542), (595, 1545), (620, 1605), (628, 1623), (643, 1653), (662, 1683), (1003, 2139), (1020, 2154), (1328, 2505), (1464, 2661),

Gene: Ayotoya_6 Start: 2230, Stop: 3660, Start Num: 317
Candidate Starts for Ayotoya_6:
(Start: 176 @2062 has 3 MA's), (Start: 179 @2065 has 1 MA's), (182, 2068), (188, 2074), (Start: 317 @2230 has 15 MA's), (Start: 330 @2248 has 14 MA's), (431, 2371), (459, 2389), (481, 2428), (484, 2437), (536, 2521), (594, 2605), (600, 2620), (613, 2653), (659, 2719), (712, 2788), (752, 2851), (893, 3040), (903, 3052), (954, 3100), (973, 3142), (1023, 3193), (1111, 3268), (1112, 3271), (1139, 3298), (1187, 3358), (1213, 3391), (1226, 3406), (1278, 3442), (1317, 3484), (1336, 3511), (1371, 3547), (1377, 3553), (1409, 3592),

Gene: Azathoth_4 Start: 800, Stop: 2290, Start Num: 202
Candidate Starts for Azathoth_4:
(Start: 202 @800 has 39 MA's), (245, 845), (Start: 318 @947 has 1 MA's), (Start: 333 @965 has 4 MA's), (Start: 336 @974 has 12 MA's), (Start: 397 @1025 has 4 MA's), (399, 1028), (405, 1037), (419, 1067), (434, 1094), (506, 1193), (577, 1292), (585, 1316), (586, 1319), (588, 1322), (607, 1367), (789, 1601), (820, 1649), (827, 1661), (864, 1700), (886, 1718), (902, 1730), (904, 1733), (922, 1754), (937, 1760), (946, 1772), (987, 1850), (1047, 1904), (1112, 1958), (1121, 1970), (1156, 2015), (1206, 2063), (1299, 2147), (1349, 2204), (1406, 2273),

Gene: Azaz_2 Start: 373, Stop: 1995, Start Num: 193
Candidate Starts for Azaz_2:

(Start: 171 @352 has 16 MA's), (Start: 193 @373 has 21 MA's), (Start: 397 @604 has 4 MA's), (405, 616), (422, 652), (431, 670), (444, 676), (488, 748), (598, 916), (620, 967), (631, 991), (650, 1027), (665, 1048), (677, 1063), (713, 1123), (774, 1207), (954, 1423), (961, 1435), (1003, 1501), (1009, 1507), (1048, 1546), (1096, 1585), (1100, 1591), (1117, 1618), (1151, 1663), (1364, 1903), (1385, 1930), (1403, 1951), (1447, 1981), (1449, 1984),

Gene: Azira_6 Start: 1989, Stop: 3689, Start Num: 170
Candidate Starts for Azira_6:
(Start: 170 @1989 has 103 MA's), (214, 2019), (Start: 249 @2061 has 1 MA's), (362, 2199), (408, 2247), (425, 2277), (467, 2310), (490, 2361), (496, 2376), (513, 2406), (543, 2457), (595, 2556), (603, 2577), (645, 2646), (675, 2688), (692, 2718), (780, 2865), (808, 2916), (848, 2979), (866, 3003), (953, 3069), (969, 3102), (979, 3126), (981, 3129), (987, 3138), (1001, 3159), (1025, 3186), (1080, 3231), (1088, 3243), (1098, 3249), (1113, 3270), (1142, 3309), (1214, 3408), (1247, 3444), (1330, 3531), (1394, 3612), (1400, 3618), (1454, 3675), (1456, 3678),

Gene: Aziz_18 Start: 5321, Stop: 6862, Start Num: 170
Candidate Starts for Aziz_18:
(Start: 170 @5321 has 103 MA's), (Start: 173 @5324 has 36 MA's), (331, 5507), (342, 5525), (392, 5558), (398, 5567), (487, 5705), (591, 5858), (606, 5897), (678, 5990), (690, 6011), (809, 6158), (852, 6218), (1009, 6365), (1041, 6392), (1116, 6470), (1160, 6530), (1190, 6557), (1420, 6812),

Gene: Azizam_3 Start: 1074, Stop: 2534, Start Num: 250
Candidate Starts for Azizam_3:
(Start: 250 @1074 has 144 MA's), (Start: 254 @1080 has 2 MA's), (358, 1242), (363, 1251), (399, 1311), (444, 1380), (465, 1401), (488, 1452), (619, 1656), (755, 1791), (806, 1869), (817, 1884), (842, 1920), (880, 1962), (911, 1995), (926, 2013), (1015, 2133), (1020, 2136), (1039, 2148), (1113, 2223), (1172, 2286), (1187, 2304), (1190, 2307), (1330, 2469), (1337, 2478), (1344, 2487), (1372, 2526),

Gene: Azrael100_25 Start: 8124, Stop: 9737, Start Num: 152
Candidate Starts for Azrael100_25:
(Start: 152 @8124 has 15 MA's), (293, 8274), (310, 8292), (Start: 333 @8325 has 4 MA's), (339, 8337), (Start: 403 @8388 has 1 MA's), (405, 8391), (428, 8439), (431, 8445), (470, 8484), (472, 8487), (487, 8520), (531, 8589), (572, 8655), (578, 8673), (591, 8697), (594, 8703), (651, 8808), (690, 8850), (707, 8868), (714, 8877), (878, 9081), (883, 9087), (912, 9120), (1050, 9285), (1060, 9294), (1065, 9300), (1071, 9303), (1142, 9378), (1160, 9411), (1178, 9426), (1263, 9507), (1394, 9660), (1415, 9681), (1418, 9684),

Gene: Aztec_3 Start: 1074, Stop: 2534, Start Num: 250
Candidate Starts for Aztec_3:
(Start: 250 @1074 has 144 MA's), (Start: 254 @1080 has 2 MA's), (358, 1242), (363, 1251), (399, 1311), (444, 1380), (465, 1401), (488, 1452), (619, 1656), (806, 1869), (817, 1884), (842, 1920), (880, 1962), (911, 1995), (926, 2013), (1015, 2133), (1020, 2136), (1039, 2148), (1113, 2223), (1172, 2286), (1187, 2304), (1190, 2307), (1330, 2469), (1337, 2478), (1344, 2487), (1372, 2526),

Gene: Azula_2 Start: 361, Stop: 1959, Start Num: 173
Candidate Starts for Azula_2:
(Start: 119 @334 has 2 MA's), (Start: 173 @361 has 36 MA's), (289, 475), (293, 484), (Start: 318 @517 has 1 MA's), (Start: 333 @535 has 4 MA's), (342, 550), (384, 571), (399, 592), (426, 646), (431, 655), (465, 691), (483, 727), (487, 739), (513, 781), (515, 784), (648, 1003), (661, 1018), (675, 1033), (677, 1036), (745, 1111), (778, 1162), (919, 1318), (946, 1339), (949, 1342), (1002, 1429), (1015, 1441), (1057, 1474), (1060, 1477), (1107, 1516), (1111, 1522), (1112, 1525), (1172, 1594), (1174, 1597), (1224, 1657), (1226, 1660), (1234, 1669), (1317, 1738), (1326, 1753), (1466, 1942),

Gene: AzulaCat_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for AzulaCat_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: B1_09 Start: 6133, Stop: 7830, Start Num: 102
Candidate Starts for B1_09:
(Start: 102 @6133 has 400 MA's), (168, 6205), (381, 6403), (424, 6466), (508, 6577), (513, 6589), (538, 6628), (550, 6640), (581, 6697), (593, 6721), (604, 6751), (620, 6787), (623, 6796), (675, 6877), (690, 6904), (774, 7042), (812, 7108), (825, 7129), (848, 7162), (923, 7228), (983, 7303), (999, 7327), (1001, 7330), (1006, 7336), (1015, 7345), (1080, 7393), (1113, 7432), (1115, 7435), (1129, 7453), (1193, 7549), (1241, 7603), (1374, 7756), (1405, 7786), (1435, 7816), (1438, 7819),

Gene: B22_3 Start: 956, Stop: 2410, Start Num: 235
Candidate Starts for B22_3:
(Start: 235 @956 has 7 MA's), (Start: 238 @959 has 22 MA's), (Start: 322 @1058 has 1 MA's), (342, 1085), (356, 1112), (362, 1121), (391, 1163), (402, 1178), (422, 1220), (463, 1262), (490, 1322), (504, 1349), (588, 1460), (611, 1517), (621, 1535), (636, 1550), (641, 1562), (690, 1625), (820, 1760), (822, 1763), (826, 1769), (851, 1802), (987, 1952), (1083, 2036), (1088, 2039), (1095, 2045), (1160, 2126), (1171, 2138), (1195, 2165), (1401, 2396),

Gene: B3_3 Start: 1202, Stop: 2782, Start Num: 225
Candidate Starts for B3_3:
(Start: 218 @1193 has 8 MA's), (Start: 220 @1196 has 6 MA's), (Start: 225 @1202 has 84 MA's), (Start: 247 @1229 has 171 MA's), (270, 1262), (Start: 295 @1292 has 6 MA's), (Start: 307 @1310 has 198 MA's), (Start: 309 @1313 has 15 MA's), (Start: 317 @1328 has 15 MA's), (Start: 333 @1349 has 4 MA's), (334, 1352), (415, 1439), (422, 1451), (431, 1469), (455, 1499), (456, 1502), (487, 1574), (489, 1580), (513, 1616), (516, 1622), (534, 1655), (574, 1712), (593, 1754), (595, 1760), (630, 1841), (648, 1877), (650, 1880), (670, 1907), (677, 1916), (697, 1952), (810, 2096), (843, 2126), (865, 2153), (877, 2168), (888, 2180), (928, 2222), (956, 2264), (962, 2273), (973, 2297), (1009, 2345), (1015, 2351), (1040, 2372), (1042, 2375), (1100, 2429), (1118, 2459), (1176, 2498), (1197, 2522), (1221, 2555), (1265, 2573), (1290, 2600), (1296, 2606), (1305, 2618), (1343, 2666), (1369, 2696), (1439, 2771),

Gene: BABullseye_15 Start: 7523, Stop: 9277, Start Num: 103
Candidate Starts for BABullseye_15:
(Start: 103 @7523 has 236 MA's), (298, 7754), (Start: 330 @7805 has 14 MA's), (362, 7841), (424, 7916), (513, 8039), (538, 8078), (581, 8147), (593, 8171), (594, 8174), (620, 8237), (631, 8261), (693, 8360), (696, 8363), (718, 8390), (722, 8393), (923, 8678), (992, 8765), (999, 8777), (1080, 8840), (1113, 8879), (1129, 8900), (1182, 8984), (1193, 8996), (1405, 9233), (1433, 9260), (1435, 9263),

Gene: BAjuniper_3 Start: 781, Stop: 2379, Start Num: 225
Candidate Starts for BAjuniper_3:
(Start: 225 @781 has 84 MA's), (Start: 247 @808 has 171 MA's), (Start: 299 @877 has 5 MA's), (Start: 307 @889 has 198 MA's), (339, 937), (399, 982), (431, 1045), (444, 1051), (490, 1129), (503, 1153), (520, 1174), (569, 1228), (594, 1279), (620, 1342), (650, 1402), (662, 1420), (696, 1471), (865, 1693), (954, 1795), (956, 1798), (973, 1831), (1102, 1966), (1348, 2260), (1378, 2296), (1455, 2368), (1457, 2371),

Gene: BBQValindra_2 Start: 522, Stop: 2105, Start Num: 185

Candidate Starts for BBQValindra_2:
(154, 489), (163, 498), (Start: 165 @501 has 76 MA's), (Start: 185 @522 has 14 MA's), (276, 624), (465, 840), (487, 888), (522, 948), (532, 960), (593, 1050), (648, 1155), (745, 1299), (855, 1446), (912, 1506), (970, 1578), (1055, 1665), (1139, 1743), (1149, 1755), (1172, 1785), (1187, 1803), (1260, 1872), (1278, 1887), (1288, 1899), (1297, 1911),

Gene: BEEST_8 Start: 1637, Stop: 3058, Start Num: 247
Candidate Starts for BEEST_8:
(Start: 165 @1565 has 76 MA's), (Start: 230 @1625 has 31 MA's), (Start: 247 @1637 has 171 MA's), (Start: 336 @1748 has 12 MA's), (342, 1754), (391, 1832), (402, 1841), (425, 1889), (444, 1907), (487, 1976), (514, 2018), (517, 2024), (532, 2051), (533, 2054), (607, 2171), (611, 2180), (675, 2261), (792, 2375), (820, 2423), (827, 2435), (851, 2465), (870, 2489), (880, 2501), (959, 2579), (962, 2585), (1112, 2729), (1146, 2762), (1187, 2816), (1353, 2993), (1425, 3047),

Gene: BFK20_ORF2 Start: 538, Stop: 2166, Start Num: 376
Candidate Starts for BFK20_ORF2:
(Start: 303 @427 has 2 MA's), (Start: 352 @508 has 1 MA's), (376, 538), (494, 763), (510, 796), (563, 901), (580, 937), (584, 949), (592, 964), (596, 976), (616, 1024), (624, 1042), (631, 1054), (640, 1072), (666, 1120), (699, 1180), (731, 1243), (739, 1270), (803, 1387), (816, 1417), (962, 1609), (1146, 1831), (1157, 1855), (1207, 1927), (1297, 2044), (1372, 2146), (1377, 2152),

Gene: BGlluviae_8 Start: 1637, Stop: 3058, Start Num: 247
Candidate Starts for BGlluviae_8:
(Start: 165 @1565 has 76 MA's), (Start: 230 @1625 has 31 MA's), (Start: 247 @1637 has 171 MA's), (Start: 336 @1748 has 12 MA's), (342, 1754), (391, 1832), (402, 1841), (425, 1889), (444, 1907), (487, 1976), (514, 2018), (517, 2024), (532, 2051), (533, 2054), (607, 2171), (611, 2180), (675, 2261), (792, 2375), (820, 2423), (827, 2435), (851, 2465), (870, 2489), (880, 2501), (959, 2579), (962, 2585), (1112, 2729), (1146, 2762), (1187, 2816), (1353, 2993), (1425, 3047),

Gene: BK1_09 Start: 6581, Stop: 8269, Start Num: 102
Candidate Starts for BK1_09:
(Start: 102 @6581 has 400 MA's), (Start: 309 @6761 has 15 MA's), (381, 6845), (408, 6881), (424, 6908), (513, 7031), (535, 7064), (581, 7139), (620, 7229), (631, 7253), (647, 7280), (679, 7328), (774, 7484), (809, 7544), (1009, 7778), (1021, 7790), (1080, 7832), (1100, 7853), (1117, 7880), (1193, 7988), (1279, 8078), (1365, 8183),

Gene: BPBiebs31_12 Start: 7253, Stop: 8941, Start Num: 102
Candidate Starts for BPBiebs31_12:
(Start: 102 @7253 has 400 MA's), (Start: 309 @7433 has 15 MA's), (381, 7517), (408, 7553), (424, 7580), (499, 7676), (513, 7703), (535, 7736), (581, 7811), (620, 7901), (631, 7925), (647, 7952), (679, 8000), (728, 8069), (774, 8156), (809, 8216), (1001, 8441), (1009, 8450), (1021, 8462), (1080, 8504), (1100, 8525), (1117, 8552), (1193, 8660), (1279, 8750), (1365, 8855),

Gene: BPs_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for BPs_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: BQuat_2 Start: 455, Stop: 1891, Start Num: 262

Candidate Starts for BQuat_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: BabeRuth_2 Start: 527, Stop: 2044, Start Num: 249
Candidate Starts for BabeRuth_2:
(Start: 227 @509 has 25 MA's), (Start: 230 @512 has 31 MA's), (Start: 249 @527 has 1 MA's), (292, 584), (Start: 307 @602 has 198 MA's), (316, 614), (390, 686), (412, 722), (422, 743), (474, 806), (539, 926), (583, 1010), (613, 1076), (659, 1148), (661, 1151), (677, 1163), (747, 1289), (766, 1313), (808, 1376), (878, 1460), (940, 1517), (950, 1532), (987, 1607), (1003, 1625), (1152, 1769), (1187, 1790), (1213, 1823), (1226, 1838), (1278, 1874), (1346, 1952), (1349, 1955), (1353, 1961),

Gene: Babsiella_2 Start: 521, Stop: 2080, Start Num: 152
Candidate Starts for Babsiella_2:
(Start: 152 @521 has 15 MA's), (Start: 232 @611 has 1 MA's), (Start: 305 @698 has 33 MA's), (345, 755), (381, 818), (463, 935), (468, 944), (499, 1016), (527, 1052), (598, 1160), (606, 1172), (607, 1175), (634, 1214), (643, 1232), (788, 1379), (817, 1421), (891, 1505), (908, 1526), (965, 1589), (1038, 1667), (1041, 1670), (1049, 1682), (1172, 1817), (1174, 1820), (1235, 1883), (1237, 1886), (1277, 1919), (1351, 2000), (1380, 2033),

Gene: Babushka_2 Start: 372, Stop: 1994, Start Num: 193
Candidate Starts for Babushka_2:
(Start: 171 @351 has 16 MA's), (Start: 193 @372 has 21 MA's), (Start: 309 @513 has 15 MA's), (399, 606), (422, 651), (431, 669), (488, 747), (569, 852), (620, 966), (650, 1026), (665, 1047), (677, 1062), (713, 1122), (731, 1143), (774, 1206), (954, 1422), (961, 1434), (975, 1461), (1003, 1500), (1048, 1545), (1096, 1584), (1117, 1617), (1151, 1662), (1257, 1779), (1305, 1833), (1364, 1902), (1369, 1908), (1385, 1929), (1447, 1980), (1449, 1983),

Gene: Baby16_11 Start: 6893, Stop: 8590, Start Num: 102
Candidate Starts for Baby16_11:
(Start: 102 @6893 has 400 MA's), (Start: 124 @6917 has 46 MA's), (Start: 251 @7040 has 3 MA's), (350, 7130), (381, 7163), (467, 7262), (512, 7346), (513, 7349), (538, 7388), (581, 7457), (593, 7481), (620, 7547), (675, 7637), (774, 7802), (825, 7889), (848, 7922), (923, 7988), (981, 8060), (983, 8063), (999, 8087), (1064, 8138), (1080, 8153), (1113, 8192), (1129, 8213), (1193, 8309), (1405, 8546), (1435, 8576), (1438, 8579),

Gene: BabyBack_14 Start: 9110, Stop: 10870, Start Num: 103
Candidate Starts for BabyBack_14:
(Start: 103 @9110 has 236 MA's), (Start: 217 @9218 has 1 MA's), (234, 9239), (288, 9329), (298, 9347), (512, 9629), (513, 9632), (538, 9671), (581, 9740), (620, 9830), (631, 9854), (693, 9953), (718, 9983), (722, 9986), (923, 10271), (983, 10346), (992, 10358), (999, 10370), (1088, 10445), (1115, 10475), (1129, 10493), (1182, 10577), (1193, 10589), (1250, 10658), (1405, 10826), (1433, 10853), (1435, 10856),

Gene: BabyDaisy_4 Start: 944, Stop: 2572, Start Num: 225
Candidate Starts for BabyDaisy_4:
(Start: 225 @944 has 84 MA's), (339, 1100), (431, 1208), (474, 1253), (490, 1292), (518, 1334), (569, 1391), (594, 1442), (595, 1445), (620, 1505), (628, 1523), (643, 1553), (662, 1583), (1020, 2054), (1117, 2156), (1328, 2405), (1369, 2453), (1387, 2477), (1447, 2522),

Gene: BabyJohn_10 Start: 6717, Stop: 8414, Start Num: 102
Candidate Starts for BabyJohn_10:
(Start: 102 @6717 has 400 MA's), (168, 6789), (381, 6987), (424, 7050), (508, 7161), (513, 7173), (538, 7212), (550, 7224), (581, 7281), (593, 7305), (620, 7371), (623, 7380), (675, 7461), (690, 7488), (774, 7626), (812, 7692), (825, 7713), (848, 7746), (923, 7812), (983, 7887), (999, 7911), (1001, 7914), (1006, 7920), (1015, 7929), (1080, 7977), (1113, 8016), (1129, 8037), (1193, 8133), (1236, 8178), (1241, 8187), (1374, 8340), (1405, 8370), (1435, 8400), (1438, 8403),

Gene: BabyRay_11 Start: 6733, Stop: 8430, Start Num: 102
Candidate Starts for BabyRay_11:
(Start: 102 @6733 has 400 MA's), (Start: 124 @6757 has 46 MA's), (320, 6940), (381, 7003), (424, 7066), (508, 7177), (513, 7189), (538, 7228), (581, 7297), (593, 7321), (620, 7387), (623, 7396), (675, 7477), (774, 7642), (812, 7708), (825, 7729), (848, 7762), (923, 7828), (999, 7927), (1001, 7930), (1006, 7936), (1015, 7945), (1064, 7978), (1080, 7993), (1129, 8053), (1193, 8149), (1236, 8194), (1241, 8203), (1250, 8218), (1374, 8356), (1405, 8386), (1435, 8416), (1438, 8419),

Gene: BabyYoda_3 Start: 958, Stop: 2583, Start Num: 225
Candidate Starts for BabyYoda_3:
(Start: 225 @958 has 84 MA's), (339, 1114), (405, 1168), (431, 1222), (459, 1237), (490, 1306), (520, 1351), (594, 1456), (595, 1459), (620, 1519), (628, 1537), (630, 1540), (643, 1567), (662, 1597), (774, 1759), (956, 1975), (1003, 2050), (1015, 2062), (1328, 2416), (1369, 2464),

Gene: Bachaco_3 Start: 938, Stop: 2503, Start Num: 225
Candidate Starts for Bachaco_3:
(Start: 225 @938 has 84 MA's), (339, 1094), (431, 1202), (488, 1280), (491, 1289), (512, 1316), (569, 1385), (594, 1436), (620, 1499), (662, 1577), (865, 1850), (973, 1988), (1087, 2117), (1100, 2120), (1378, 2420), (1403, 2450), (1457, 2495),

Gene: Bachita_32 Start: 9113, Stop: 10861, Start Num: 148
Candidate Starts for Bachita_32:
(Start: 148 @9113 has 26 MA's), (Start: 176 @9143 has 3 MA's), (325, 9272), (457, 9458), (473, 9497), (488, 9521), (512, 9569), (529, 9596), (543, 9626), (645, 9818), (654, 9836), (756, 9998), (787, 10046), (797, 10061), (963, 10244), (966, 10250), (1026, 10334), (1086, 10421), (1115, 10454), (1198, 10568), (1229, 10604), (1250, 10628), (1258, 10643), (1412, 10817), (1418, 10823),

Gene: Bachome_12 Start: 8021, Stop: 9784, Start Num: 103
Candidate Starts for Bachome_12:
(Start: 103 @8021 has 236 MA's), (Start: 121 @8042 has 5 MA's), (Start: 217 @8129 has 1 MA's), (298, 8258), (314, 8282), (362, 8345), (487, 8489), (512, 8540), (513, 8543), (581, 8654), (593, 8678), (594, 8681), (620, 8744), (623, 8753), (631, 8768), (704, 8885), (722, 8900), (751, 8960), (803, 9044), (992, 9272), (999, 9284), (1064, 9332), (1080, 9347), (1113, 9386), (1129, 9407), (1155, 9446), (1182, 9491), (1193, 9503), (1405, 9740), (1433, 9767),

Gene: BackstagePass_2 Start: 474, Stop: 2078, Start Num: 165
Candidate Starts for BackstagePass_2:
(154, 462), (163, 471), (Start: 165 @474 has 76 MA's), (Start: 185 @495 has 14 MA's), (487, 861), (522, 921), (532, 933), (593, 1023), (648, 1128), (710, 1203), (745, 1272), (855, 1419), (912, 1479), (970, 1551), (1055, 1638), (1139, 1716), (1149, 1728), (1172, 1758), (1187, 1776), (1260, 1845), (1288, 1872), (1297, 1884),

Gene: Backyardigan_11 Start: 6893, Stop: 8590, Start Num: 102
Candidate Starts for Backyardigan_11:

(Start: 102 @6893 has 400 MA's), (Start: 124 @6917 has 46 MA's), (381, 7163), (469, 7268), (512, 7346), (513, 7349), (538, 7388), (581, 7457), (593, 7481), (620, 7547), (675, 7637), (774, 7802), (803, 7847), (825, 7889), (848, 7922), (923, 7988), (981, 8060), (983, 8063), (999, 8087), (1080, 8153), (1113, 8192), (1129, 8213), (1193, 8309), (1402, 8543), (1405, 8546), (1435, 8576), (1438, 8579),

Gene: BaconJack_13 Start: 7032, Stop: 8720, Start Num: 102
Candidate Starts for BaconJack_13:
(Start: 102 @7032 has 400 MA's), (381, 7296), (402, 7320), (513, 7482), (535, 7515), (581, 7590), (620, 7680), (631, 7704), (647, 7731), (679, 7779), (728, 7848), (774, 7935), (809, 7995), (1001, 8220), (1009, 8229), (1021, 8241), (1080, 8283), (1100, 8304), (1117, 8331), (1193, 8439), (1279, 8529), (1365, 8634),

Gene: Bactobuster_13 Start: 9196, Stop: 10974, Start Num: 103
Candidate Starts for Bactobuster_13:
(Start: 103 @9196 has 236 MA's), (Start: 121 @9214 has 5 MA's), (241, 9325), (Start: 251 @9337 has 3 MA's), (275, 9379), (281, 9391), (282, 9400), (298, 9424), (362, 9511), (512, 9706), (513, 9709), (538, 9748), (581, 9817), (620, 9907), (631, 9931), (693, 10030), (722, 10063), (916, 10363), (983, 10450), (1088, 10549), (1113, 10576), (1129, 10597), (1193, 10693), (1405, 10930), (1433, 10957), (1435, 10960),

Gene: Badger_11 Start: 6882, Stop: 8579, Start Num: 102
Candidate Starts for Badger_11:
(Start: 102 @6882 has 400 MA's), (Start: 124 @6906 has 46 MA's), (381, 7152), (469, 7257), (512, 7335), (513, 7338), (538, 7377), (581, 7446), (593, 7470), (620, 7536), (675, 7626), (774, 7791), (803, 7836), (825, 7878), (848, 7911), (923, 7977), (981, 8049), (983, 8052), (999, 8076), (1080, 8142), (1113, 8181), (1129, 8202), (1193, 8298), (1402, 8532), (1405, 8535), (1435, 8565), (1438, 8568),

Gene: Baehexic_13 Start: 7944, Stop: 9731, Start Num: 103
Candidate Starts for Baehexic_13:
(50, 7860), (Start: 103 @7944 has 236 MA's), (Start: 217 @8052 has 1 MA's), (234, 8073), (298, 8181), (513, 8466), (581, 8574), (620, 8664), (631, 8688), (704, 8805), (722, 8820), (983, 9207), (1113, 9333), (1129, 9354), (1193, 9450), (1405, 9687), (1433, 9714), (1435, 9717), (1438, 9720), (1440, 9723),

Gene: BaghaKamala_8 Start: 1563, Stop: 2987, Start Num: 247
Candidate Starts for BaghaKamala_8:
(Start: 165 @1491 has 76 MA's), (Start: 230 @1551 has 31 MA's), (Start: 247 @1563 has 171 MA's), (Start: 336 @1674 has 12 MA's), (342, 1680), (391, 1758), (402, 1767), (425, 1815), (444, 1833), (487, 1902), (514, 1944), (517, 1950), (532, 1977), (533, 1980), (607, 2097), (611, 2106), (675, 2187), (792, 2301), (820, 2349), (827, 2361), (851, 2391), (870, 2415), (880, 2427), (893, 2442), (959, 2505), (962, 2511), (1112, 2658), (1146, 2691), (1187, 2745), (1353, 2922), (1425, 2976),

Gene: BaileyBlu_2 Start: 464, Stop: 1966, Start Num: 198
Candidate Starts for BaileyBlu_2:
(172, 437), (Start: 198 @464 has 4 MA's), (Start: 295 @569 has 6 MA's), (316, 599), (342, 635), (483, 806), (485, 812), (572, 929), (607, 1013), (613, 1025), (618, 1034), (650, 1091), (702, 1163), (758, 1250), (794, 1307), (859, 1385), (960, 1499), (964, 1508), (1080, 1622), (1147, 1688), (1278, 1793), (1413, 1955),

Gene: Baine_3 Start: 1071, Stop: 2531, Start Num: 250
Candidate Starts for Baine_3:
(Start: 250 @1071 has 144 MA's), (Start: 254 @1077 has 2 MA's), (358, 1239), (363, 1248), (399, 1308), (444, 1377), (465, 1398), (488, 1449), (619, 1653), (806, 1866), (817, 1881), (842, 1917), (880, 1959), (911, 1992), (926, 2010), (1015, 2130), (1020, 2133), (1039, 2145), (1113, 2220), (1172, 2283),

(1187, 2301), (1190, 2304), (1330, 2466), (1337, 2475), (1344, 2484), (1372, 2523),

Gene: Ball_2 Start: 633, Stop: 2009, Start Num: 327
Candidate Starts for Ball_2:
(290, 570), (327, 633), (341, 657), (355, 681), (Start: 403 @765 has 1 MA's), (447, 834), (463, 846), (543, 1014), (556, 1041), (593, 1119), (601, 1140), (623, 1194), (705, 1344), (707, 1347), (725, 1374), (816, 1551), (869, 1629), (878, 1641), (980, 1767), (1029, 1833), (1047, 1848), (1060, 1860), (1113, 1938), (1155, 2001),

Gene: Balloona_3 Start: 903, Stop: 2579, Start Num: 170
Candidate Starts for Balloona_3:
(Start: 170 @903 has 103 MA's), (Start: 232 @954 has 1 MA's), (Start: 249 @975 has 1 MA's), (304, 1020), (Start: 330 @1062 has 14 MA's), (362, 1098), (415, 1164), (490, 1260), (509, 1296), (513, 1305), (515, 1308), (543, 1356), (550, 1368), (595, 1455), (701, 1635), (735, 1689), (842, 1869), (866, 1902), (954, 1968), (987, 2034), (992, 2040), (1080, 2124), (1146, 2205), (1163, 2238), (1219, 2307), (1292, 2385), (1295, 2388), (1370, 2478), (1374, 2484), (1394, 2505), (1400, 2511), (1454, 2565), (1456, 2568),

Gene: BananenDer11_6 Start: 1324, Stop: 2751, Start Num: 262
Candidate Starts for BananenDer11_6:
(Start: 262 @1324 has 67 MA's), (310, 1381), (Start: 322 @1402 has 1 MA's), (Start: 336 @1426 has 12 MA's), (391, 1510), (402, 1519), (405, 1525), (425, 1567), (444, 1585), (463, 1603), (487, 1654), (492, 1669), (532, 1729), (591, 1807), (607, 1849), (611, 1858), (613, 1861), (675, 1939), (792, 2053), (820, 2101), (851, 2143), (870, 2167), (880, 2179), (903, 2206), (956, 2251), (962, 2263), (1107, 2410), (1142, 2449), (1187, 2506), (1208, 2530), (1235, 2554), (1263, 2578), (1348, 2677), (1353, 2683), (1425, 2740),

Gene: BangNhom_10 Start: 6861, Stop: 8558, Start Num: 102
Candidate Starts for BangNhom_10:
(Start: 102 @6861 has 400 MA's), (Start: 124 @6885 has 46 MA's), (Start: 251 @7008 has 3 MA's), (350, 7098), (381, 7131), (512, 7314), (513, 7317), (538, 7356), (581, 7425), (593, 7449), (620, 7515), (675, 7605), (774, 7770), (825, 7857), (848, 7890), (923, 7956), (981, 8028), (983, 8031), (999, 8055), (1064, 8106), (1080, 8121), (1113, 8160), (1129, 8181), (1193, 8277), (1405, 8514), (1435, 8544), (1438, 8547),

Gene: Banquo_11 Start: 4530, Stop: 6218, Start Num: 133
Candidate Starts for Banquo_11:
(Start: 133 @4530 has 3 MA's), (Start: 204 @4608 has 1 MA's), (347, 4800), (422, 4881), (465, 4926), (474, 4944), (484, 4965), (497, 4995), (523, 5034), (569, 5103), (595, 5157), (631, 5241), (632, 5244), (634, 5247), (648, 5274), (650, 5277), (774, 5382), (848, 5499), (861, 5514), (941, 5607), (945, 5613), (958, 5637), (981, 5679), (991, 5694), (1020, 5724), (1030, 5736), (1081, 5787), (1100, 5799), (1133, 5847), (1139, 5856), (1177, 5922), (1221, 5976), (1274, 6009), (1371, 6126), (1393, 6144), (1404, 6156), (1453, 6204), (1459, 6210),

Gene: Bantam_12 Start: 6089, Stop: 7825, Start Num: 148
Candidate Starts for Bantam_12:
(Start: 148 @6089 has 26 MA's), (Start: 238 @6161 has 22 MA's), (Start: 305 @6218 has 33 MA's), (411, 6350), (467, 6461), (488, 6497), (538, 6593), (615, 6737), (629, 6764), (654, 6812), (679, 6845), (719, 6902), (789, 7019), (814, 7064), (1198, 7535), (1289, 7643), (1372, 7739),

Gene: Baoshan_3 Start: 901, Stop: 2469, Start Num: 138
Candidate Starts for Baoshan_3:

(Start: 138 @901 has 120 MA's), (Start: 142 @907 has 6 MA's), (149, 916), (Start: 284 @1063 has 1 MA's), (361, 1165), (444, 1255), (512, 1360), (591, 1498), (594, 1504), (611, 1549), (675, 1624), (710, 1672), (762, 1726), (776, 1750), (791, 1771), (807, 1795), (809, 1801), (827, 1831), (832, 1837), (863, 1873), (942, 1930), (954, 1948), (962, 1963), (1020, 2038), (1023, 2041), (1060, 2077), (1071, 2086), (1116, 2122), (1172, 2188), (1234, 2263), (1266, 2281), (1278, 2290), (1420, 2437), (1448, 2461), (1450, 2464),

Gene: BarBear_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for BarBear_3:
(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (806, 1881), (817, 1896), (842, 1932), (880, 1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298), (1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: Barbarian_8 Start: 2168, Stop: 3838, Start Num: 394
Candidate Starts for Barbarian_8:
(Start: 394 @2168 has 48 MA's), (427, 2231), (551, 2465), (598, 2567), (693, 2747), (710, 2771), (724, 2789), (732, 2801), (768, 2864), (776, 2876), (808, 2921), (815, 2936), (873, 3014), (911, 3059), (934, 3113), (935, 3119), (1000, 3233), (1104, 3377), (1124, 3413), (1218, 3566), (1232, 3578), (1279, 3635), (1307, 3671), (1346, 3722), (1372, 3758), (1374, 3761), (1438, 3827),

Gene: BarbieDoll_8 Start: 3540, Stop: 5273, Start Num: 307
Candidate Starts for BarbieDoll_8:
(Start: 307 @3540 has 198 MA's), (Start: 330 @3579 has 14 MA's), (354, 3615), (367, 3639), (493, 3876), (502, 3894), (516, 3924), (556, 4002), (572, 4023), (599, 4092), (644, 4194), (656, 4218), (693, 4275), (709, 4308), (750, 4380), (805, 4479), (820, 4509), (847, 4551), (892, 4608), (956, 4689), (1071, 4821), (1120, 4890), (1123, 4893), (1190, 4986), (1273, 5097), (1290, 5121), (1299, 5133), (1309, 5145), (1370, 5223), (1372, 5226),

Gene: Barbonzobean_8 Start: 3236, Stop: 4969, Start Num: 307
Candidate Starts for Barbonzobean_8:
(Start: 307 @3236 has 198 MA's), (Start: 330 @3275 has 14 MA's), (354, 3311), (367, 3335), (493, 3572), (502, 3590), (516, 3620), (556, 3698), (572, 3719), (599, 3788), (644, 3890), (656, 3914), (693, 3971), (709, 4004), (750, 4076), (805, 4175), (820, 4205), (847, 4247), (892, 4304), (956, 4385), (1071, 4517), (1120, 4586), (1123, 4589), (1190, 4682), (1273, 4793), (1290, 4817), (1299, 4829), (1309, 4841), (1370, 4919), (1372, 4922),

Gene: Barco_2 Start: 360, Stop: 1928, Start Num: 173
Candidate Starts for Barco_2:
(65, 255), (Start: 173 @360 has 36 MA's), (259, 444), (289, 477), (Start: 318 @519 has 1 MA's), (Start: 333 @537 has 4 MA's), (342, 552), (384, 573), (399, 594), (419, 633), (465, 693), (483, 729), (487, 741), (515, 786), (520, 795), (539, 822), (593, 900), (648, 1005), (661, 1020), (675, 1035), (745, 1113), (778, 1164), (919, 1320), (956, 1359), (973, 1398), (1015, 1443), (1071, 1488), (1074, 1491), (1078, 1497), (1107, 1518), (1112, 1527), (1113, 1530), (1146, 1560), (1157, 1584), (1174, 1599), (1278, 1701), (1317, 1743), (1326, 1758), (1346, 1779), (1358, 1794), (1449, 1890), (1459, 1902), (1463, 1911), (1464, 1917),

Gene: Barebow_2 Start: 355, Stop: 1803, Start Num: 250
Candidate Starts for Barebow_2:
(150, 244), (Start: 232 @337 has 1 MA's), (Start: 250 @355 has 144 MA's), (Start: 284 @418 has 1 MA's), (320, 478), (Start: 397 @592 has 4 MA's), (426, 649), (431, 658), (463, 682), (598, 895), (612, 928), (614, 931), (636, 961), (769, 1078), (796, 1117), (1047, 1426), (1099, 1468), (1113, 1489), (1160, 1546), (1175, 1555), (1190, 1573), (1202, 1588), (1372, 1795),

Gene: Barkley26_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for Barkley26_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Barnstormer_2 Start: 634, Stop: 2352, Start Num: 122
Candidate Starts for Barnstormer_2:
(Start: 122 @634 has 14 MA's), (477, 1006), (504, 1057), (513, 1075), (595, 1225), (952, 1720), (1193, 2026), (1209, 2041), (1325, 2206), (1381, 2278),

Gene: BarrelRoll_8 Start: 1587, Stop: 3008, Start Num: 247
Candidate Starts for BarrelRoll_8:
(Start: 165 @1515 has 76 MA's), (Start: 230 @1575 has 31 MA's), (Start: 247 @1587 has 171 MA's), (Start: 336 @1698 has 12 MA's), (342, 1704), (391, 1782), (402, 1791), (425, 1839), (444, 1857), (487, 1926), (514, 1968), (517, 1974), (532, 2001), (533, 2004), (607, 2121), (611, 2130), (675, 2211), (792, 2325), (820, 2373), (827, 2385), (851, 2415), (870, 2439), (880, 2451), (893, 2466), (959, 2529), (962, 2535), (1112, 2679), (1146, 2712), (1187, 2766), (1353, 2943), (1425, 2997),

Gene: Barriga_11 Start: 6857, Stop: 8545, Start Num: 102
Candidate Starts for Barriga_11:
(Start: 102 @6857 has 400 MA's), (381, 7121), (402, 7145), (513, 7307), (535, 7340), (581, 7415), (620, 7505), (631, 7529), (647, 7556), (679, 7604), (696, 7631), (774, 7760), (778, 7769), (809, 7820), (1001, 8045), (1009, 8054), (1021, 8066), (1080, 8108), (1100, 8129), (1117, 8156), (1193, 8264), (1279, 8354), (1365, 8459),

Gene: BarrowTuph_10 Start: 6904, Stop: 8592, Start Num: 102
Candidate Starts for BarrowTuph_10:
(Start: 102 @6904 has 400 MA's), (381, 7168), (402, 7192), (513, 7354), (535, 7387), (581, 7462), (620, 7552), (631, 7576), (679, 7651), (774, 7807), (778, 7816), (808, 7864), (809, 7867), (1001, 8092), (1009, 8101), (1021, 8113), (1080, 8155), (1100, 8176), (1117, 8203), (1193, 8311), (1279, 8401), (1365, 8506),

Gene: BarryBee_8 Start: 2376, Stop: 4022, Start Num: 95
Candidate Starts for BarryBee_8:
(Start: 95 @2376 has 98 MA's), (Start: 113 @2394 has 11 MA's), (Start: 251 @2526 has 3 MA's), (Start: 330 @2598 has 14 MA's), (362, 2634), (504, 2814), (515, 2835), (548, 2880), (575, 2922), (603, 2994), (620, 3018), (680, 3117), (690, 3132), (704, 3156), (712, 3162), (838, 3330), (983, 3480), (997, 3501), (1064, 3564), (1088, 3591), (1165, 3699), (1193, 3738), (1214, 3759), (1219, 3765), (1236, 3783), (1325, 3879), (1372, 3939), (1445, 4017),

Gene: Bartholomew_2 Start: 413, Stop: 2089, Start Num: 138
Candidate Starts for Bartholomew_2:
(Start: 138 @413 has 120 MA's), (Start: 318 @629 has 1 MA's), (349, 668), (380, 725), (384, 731), (396, 749), (421, 794), (426, 806), (431, 815), (444, 821), (483, 878), (490, 899), (495, 911), (558, 1001), (659, 1190), (745, 1286), (766, 1316), (778, 1337), (919, 1490), (1107, 1688), (1112, 1697), (1139, 1724), (1172, 1766), (1187, 1784), (1278, 1868), (1290, 1883), (1463, 2072),

Gene: BartholomewSD_8 Start: 2347, Stop: 3993, Start Num: 95

Candidate Starts for BartholomewSD_8:
(Start: 95 @2347 has 98 MA's), (Start: 251 @2497 has 3 MA's), (381, 2617), (407, 2650), (485, 2743), (490, 2758), (504, 2785), (515, 2806), (575, 2893), (603, 2965), (620, 2989), (680, 3088), (701, 3124), (768, 3229), (813, 3265), (838, 3301), (851, 3319), (981, 3448), (983, 3451), (992, 3463), (997, 3472), (1001, 3478), (1004, 3481), (1088, 3562), (1113, 3589), (1165, 3670), (1193, 3709), (1214, 3730), (1236, 3754), (1277, 3796), (1292, 3814), (1372, 3910), (1445, 3988),

Gene: Bartimeaus_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Bartimeaus_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Basilisk_3 Start: 961, Stop: 2607, Start Num: 171
Candidate Starts for Basilisk_3:
(150, 937), (Start: 171 @961 has 16 MA's), (Start: 238 @1027 has 22 MA's), (Start: 309 @1123 has 15 MA's), (314, 1132), (405, 1225), (424, 1264), (431, 1279), (463, 1303), (518, 1405), (620, 1576), (625, 1588), (628, 1594), (650, 1636), (665, 1657), (700, 1717), (720, 1747), (731, 1756), (774, 1819), (867, 1936), (954, 2035), (961, 2047), (1003, 2113), (1020, 2128), (1048, 2158), (1096, 2197), (1102, 2206), (1110, 2215), (1133, 2251), (1176, 2305), (1364, 2515), (1397, 2557), (1449, 2596),

Gene: Bask21_8 Start: 1963, Stop: 3633, Start Num: 389
Candidate Starts for Bask21_8:
(Start: 389 @1963 has 11 MA's), (551, 2260), (598, 2362), (693, 2542), (710, 2566), (724, 2584), (732, 2596), (768, 2659), (776, 2671), (808, 2716), (815, 2731), (873, 2809), (911, 2854), (934, 2908), (935, 2914), (1000, 3028), (1037, 3076), (1104, 3172), (1124, 3208), (1218, 3361), (1232, 3373), (1279, 3430), (1307, 3466), (1346, 3517), (1372, 3553), (1374, 3556), (1438, 3622),

Gene: BatStarr_2 Start: 498, Stop: 2222, Start Num: 305
Candidate Starts for BatStarr_2:
(Start: 295 @483 has 6 MA's), (Start: 305 @498 has 33 MA's), (373, 588), (499, 804), (510, 828), (513, 834), (526, 858), (555, 915), (590, 987), (696, 1185), (728, 1227), (732, 1233), (782, 1317), (807, 1344), (885, 1455), (908, 1482), (1013, 1659), (1191, 1932), (1194, 1935), (1197, 1941), (1212, 1962), (1245, 2001), (1281, 2049), (1289, 2058), (1307, 2082), (1332, 2100), (1374, 2157), (1439, 2214),

Gene: Batiatus_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Batiatus_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: Battleship_15 Start: 6808, Stop: 8505, Start Num: 103
Candidate Starts for Battleship_15:
(Start: 103 @6808 has 236 MA's), (120, 6826), (302, 6988), (424, 7144), (487, 7213), (513, 7267), (581, 7375), (594, 7402), (620, 7465), (631, 7489), (999, 8005), (1080, 8068), (1115, 8110), (1193,

8224), (1292, 8329), (1405, 8461), (1433, 8488), (1435, 8491), (1438, 8494),

Gene: Bavilard_4 Start: 1679, Stop: 3355, Start Num: 170
Candidate Starts for Bavilard_4:
(Start: 170 @1679 has 103 MA's), (Start: 232 @1730 has 1 MA's), (Start: 249 @1751 has 1 MA's), (304, 1796), (Start: 330 @1838 has 14 MA's), (362, 1874), (490, 2036), (509, 2072), (513, 2081), (515, 2084), (543, 2132), (550, 2144), (595, 2231), (701, 2411), (735, 2465), (842, 2645), (866, 2678), (954, 2744), (987, 2810), (992, 2816), (1080, 2900), (1146, 2981), (1163, 3014), (1219, 3083), (1292, 3161), (1374, 3260), (1394, 3281), (1400, 3287), (1454, 3341), (1456, 3344),

Gene: BaxterFox_2 Start: 318, Stop: 1901, Start Num: 151
Candidate Starts for BaxterFox_2:
(Start: 151 @318 has 55 MA's), (259, 426), (Start: 318 @504 has 1 MA's), (342, 537), (421, 621), (425, 630), (491, 726), (566, 816), (607, 912), (620, 936), (648, 978), (723, 1071), (808, 1179), (919, 1293), (959, 1338), (962, 1344), (971, 1365), (1054, 1455), (1057, 1458), (1109, 1500), (1112, 1506), (1146, 1539), (1187, 1593), (1216, 1629), (1280, 1680), (1334, 1743), (1408, 1827), (1443, 1857),

Gene: Bazzle_4 Start: 1010, Stop: 2578, Start Num: 138
Candidate Starts for Bazzle_4:
(Start: 138 @1010 has 120 MA's), (Start: 142 @1016 has 6 MA's), (Start: 284 @1172 has 1 MA's), (Start: 318 @1220 has 1 MA's), (Start: 333 @1238 has 4 MA's), (512, 1469), (591, 1607), (594, 1613), (675, 1733), (710, 1781), (776, 1859), (791, 1880), (807, 1904), (809, 1910), (827, 1940), (832, 1946), (855, 1973), (863, 1982), (962, 2072), (1023, 2150), (1060, 2186), (1116, 2231), (1172, 2297), (1213, 2348), (1234, 2372), (1266, 2390), (1278, 2399), (1420, 2546), (1448, 2570), (1450, 2573),

Gene: BearBQ_2 Start: 486, Stop: 2147, Start Num: 170
Candidate Starts for BearBQ_2:
(56, 324), (Start: 71 @357 has 4 MA's), (74, 360), (Start: 110 @411 has 24 MA's), (116, 420), (Start: 141 @453 has 2 MA's), (Start: 170 @486 has 103 MA's), (Start: 232 @537 has 1 MA's), (241, 549), (260, 576), (302, 597), (354, 666), (362, 681), (Start: 403 @720 has 1 MA's), (415, 747), (424, 756), (425, 759), (467, 792), (484, 825), (485, 828), (490, 843), (509, 879), (510, 882), (513, 888), (523, 903), (525, 906), (548, 942), (581, 996), (603, 1047), (620, 1071), (675, 1158), (712, 1218), (722, 1227), (735, 1263), (760, 1299), (781, 1341), (810, 1395), (825, 1419), (842, 1443), (890, 1503), (921, 1509), (969, 1572), (999, 1626), (1015, 1644), (1080, 1701), (1088, 1713), (1113, 1740), (1165, 1821), (1188, 1851), (1226, 1890), (1247, 1914), (1282, 1950), (1292, 1962), (1295, 1965), (1372, 2058), (1374, 2061), (1387, 2079), (1416, 2100), (1445, 2121), (1456, 2136),

Gene: BeardedLady_7 Start: 2667, Stop: 4295, Start Num: 113
Candidate Starts for BeardedLady_7:
(Start: 95 @2649 has 98 MA's), (Start: 113 @2667 has 11 MA's), (Start: 330 @2871 has 14 MA's), (407, 2952), (504, 3087), (515, 3108), (575, 3195), (603, 3267), (620, 3291), (680, 3390), (722, 3444), (803, 3543), (838, 3603), (992, 3765), (997, 3774), (1088, 3864), (1113, 3891), (1164, 3969), (1165, 3972), (1193, 4011), (1214, 4032), (1219, 4038), (1236, 4056), (1325, 4152), (1372, 4212),

Gene: Beaupre_2 Start: 594, Stop: 2282, Start Num: 143
Candidate Starts for Beaupre_2:
(Start: 143 @594 has 16 MA's), (354, 795), (477, 939), (513, 1008), (573, 1095), (595, 1149), (617, 1188), (693, 1323), (759, 1425), (952, 1647), (983, 1698), (1165, 1917), (1193, 1953), (1209, 1968), (1372, 2193), (1381, 2205), (1399, 2220), (1445, 2271),

Gene: Beauxregard13_13 Start: 6957, Stop: 8657, Start Num: 105
Candidate Starts for Beauxregard13_13:

(Start: 105 @6957 has 85 MA's), (Start: 145 @7005 has 1 MA's), (302, 7140), (467, 7332), (513, 7419), (620, 7617), (675, 7707), (718, 7770), (809, 7932), (983, 8130), (999, 8154), (1001, 8157), (1080, 8220), (1100, 8241), (1129, 8280), (1193, 8376), (1241, 8430), (1279, 8466), (1405, 8613), (1435, 8643), (1438, 8646),

Gene: Bedetta_4 Start: 1013, Stop: 2494, Start Num: 309
Candidate Starts for Bedetta_4:
(Start: 171 @848 has 16 MA's), (Start: 309 @1013 has 15 MA's), (334, 1052), (Start: 397 @1103 has 4 MA's), (405, 1115), (422, 1151), (431, 1169), (569, 1352), (620, 1466), (625, 1478), (650, 1526), (665, 1547), (677, 1562), (713, 1619), (961, 1934), (1003, 2000), (1015, 2012), (1048, 2045), (1096, 2084), (1102, 2093), (1105, 2096), (1151, 2162), (1176, 2192), (1212, 2237), (1257, 2279), (1283, 2306), (1286, 2309), (1364, 2402), (1369, 2408), (1385, 2429), (1394, 2441), (1447, 2480), (1449, 2483),

Gene: BeeGee_2 Start: 485, Stop: 2284, Start Num: 87
Candidate Starts for BeeGee_2:
(Start: 87 @485 has 22 MA's), (Start: 207 @623 has 6 MA's), (354, 782), (362, 797), (430, 881), (469, 911), (477, 923), (485, 932), (502, 971), (513, 992), (573, 1076), (602, 1148), (623, 1184), (642, 1220), (696, 1310), (711, 1331), (732, 1376), (735, 1382), (759, 1415), (927, 1589), (956, 1616), (1001, 1685), (1006, 1691), (1080, 1757), (1088, 1769), (1102, 1796), (1165, 1907), (1182, 1943), (1193, 1955), (1211, 1979), (1234, 2006), (1249, 2030), (1287, 2093), (1325, 2135), (1370, 2192), (1381, 2207), (1399, 2222), (1402, 2225), (1445, 2270), (1448, 2273),

Gene: Beelzebub_39 Start: 11419, Stop: 13161, Start Num: 170
Candidate Starts for Beelzebub_39:
(Start: 170 @11419 has 103 MA's), (302, 11536), (Start: 330 @11581 has 14 MA's), (369, 11647), (374, 11662), (402, 11695), (Start: 403 @11698 has 1 MA's), (411, 11713), (425, 11737), (426, 11740), (467, 11770), (479, 11791), (485, 11809), (488, 11818), (505, 11854), (513, 11869), (543, 11914), (575, 11956), (590, 11995), (595, 12007), (603, 12028), (632, 12079), (647, 12100), (798, 12322), (866, 12427), (874, 12436), (930, 12469), (954, 12490), (956, 12493), (969, 12520), (983, 12550), (992, 12562), (1001, 12577), (1009, 12586), (1015, 12592), (1062, 12634), (1074, 12643), (1084, 12658), (1100, 12673), (1146, 12733), (1163, 12772), (1185, 12805), (1214, 12835), (1217, 12838), (1265, 12922), (1292, 12976), (1304, 12991), (1332, 13018), (1372, 13072), (1451, 13144), (1453, 13147),

Gene: Beemo_13 Start: 8164, Stop: 9930, Start Num: 121
Candidate Starts for Beemo_13:
(Start: 103 @8143 has 236 MA's), (Start: 117 @8158 has 10 MA's), (Start: 121 @8164 has 5 MA's), (241, 8275), (298, 8374), (424, 8536), (487, 8608), (513, 8662), (538, 8701), (581, 8773), (620, 8863), (631, 8887), (704, 9004), (722, 9019), (778, 9127), (823, 9202), (848, 9238), (898, 9298), (992, 9418), (1006, 9439), (1064, 9478), (1113, 9532), (1115, 9535), (1129, 9553), (1163, 9607), (1182, 9637), (1193, 9649), (1279, 9739), (1295, 9757), (1405, 9886), (1433, 9913), (1435, 9916),

Gene: Beenie_3 Start: 820, Stop: 2379, Start Num: 151
Candidate Starts for Beenie_3:
(Start: 151 @820 has 55 MA's), (259, 928), (Start: 318 @1006 has 1 MA's), (342, 1039), (419, 1120), (421, 1123), (425, 1132), (465, 1168), (491, 1228), (566, 1318), (568, 1321), (607, 1414), (611, 1423), (620, 1438), (680, 1522), (723, 1573), (778, 1639), (808, 1681), (875, 1750), (880, 1756), (919, 1795), (946, 1816), (959, 1840), (962, 1846), (971, 1867), (1009, 1912), (1054, 1948), (1057, 1951), (1109, 1993), (1216, 2122), (1280, 2173), (1390, 2302), (1461, 2362),

Gene: BeesKnees_12 Start: 7055, Stop: 8743, Start Num: 102
Candidate Starts for BeesKnees_12:

(Start: 102 @7055 has 400 MA's), (381, 7319), (402, 7343), (513, 7505), (535, 7538), (581, 7613), (620, 7703), (631, 7727), (647, 7754), (679, 7802), (728, 7871), (774, 7958), (778, 7967), (809, 8018), (1001, 8243), (1009, 8252), (1021, 8264), (1080, 8306), (1100, 8327), (1117, 8354), (1193, 8462), (1279, 8552), (1365, 8657),

Gene: Beethoven_5 Start: 3076, Stop: 4641, Start Num: 165
Candidate Starts for Beethoven_5:
(Start: 165 @3076 has 76 MA's), (Start: 333 @3286 has 4 MA's), (Start: 397 @3340 has 4 MA's), (431, 3406), (463, 3430), (584, 3646), (593, 3661), (595, 3667), (620, 3727), (770, 3886), (790, 3916), (803, 3931), (852, 4012), (936, 4090), (941, 4099), (961, 4135), (983, 4174), (1009, 4207), (1020, 4216), (1046, 4243), (1105, 4297), (1133, 4339), (1197, 4384), (1212, 4405), (1232, 4429), (1328, 4507), (1451, 4627),

Gene: Beezoo_8 Start: 1616, Stop: 3037, Start Num: 247
Candidate Starts for Beezoo_8:
(Start: 165 @1544 has 76 MA's), (Start: 230 @1604 has 31 MA's), (Start: 247 @1616 has 171 MA's), (Start: 336 @1727 has 12 MA's), (342, 1733), (391, 1811), (402, 1820), (425, 1868), (444, 1886), (487, 1955), (514, 1997), (517, 2003), (532, 2030), (533, 2033), (607, 2150), (611, 2159), (792, 2354), (820, 2402), (827, 2414), (851, 2444), (870, 2468), (880, 2480), (959, 2558), (962, 2564), (1112, 2708), (1146, 2741), (1187, 2795), (1353, 2972), (1425, 3026),

Gene: Begonia_2 Start: 360, Stop: 1928, Start Num: 173
Candidate Starts for Begonia_2:
(65, 255), (Start: 173 @360 has 36 MA's), (259, 444), (289, 477), (Start: 318 @519 has 1 MA's), (Start: 333 @537 has 4 MA's), (342, 552), (384, 573), (399, 594), (419, 633), (465, 693), (483, 729), (487, 741), (513, 783), (520, 795), (536, 816), (539, 822), (593, 900), (648, 1005), (661, 1020), (675, 1035), (745, 1113), (778, 1164), (919, 1320), (946, 1341), (956, 1359), (959, 1365), (1002, 1431), (1015, 1443), (1071, 1488), (1074, 1491), (1078, 1497), (1107, 1518), (1112, 1527), (1113, 1530), (1174, 1599), (1278, 1701), (1317, 1743), (1326, 1758), (1358, 1794), (1449, 1890), (1459, 1902), (1463, 1911),

Gene: Belenaria_8 Start: 3156, Stop: 4838, Start Num: 107
Candidate Starts for Belenaria_8:
(Start: 107 @3156 has 35 MA's), (Start: 309 @3342 has 15 MA's), (362, 3414), (381, 3426), (402, 3450), (408, 3462), (513, 3615), (523, 3630), (567, 3690), (620, 3798), (647, 3855), (770, 4053), (780, 4071), (812, 4125), (926, 4236), (956, 4269), (983, 4311), (1006, 4344), (1088, 4413), (1193, 4557), (1236, 4602), (1292, 4662), (1372, 4761), (1405, 4794), (1433, 4821), (1435, 4824), (1438, 4827),

Gene: Bella96_8 Start: 1545, Stop: 2966, Start Num: 247
Candidate Starts for Bella96_8:
(Start: 165 @1473 has 76 MA's), (Start: 204 @1512 has 1 MA's), (Start: 230 @1533 has 31 MA's), (Start: 247 @1545 has 171 MA's), (Start: 336 @1656 has 12 MA's), (342, 1662), (391, 1740), (402, 1749), (425, 1797), (444, 1815), (487, 1884), (514, 1926), (517, 1932), (532, 1959), (607, 2079), (611, 2088), (675, 2169), (686, 2187), (792, 2283), (820, 2331), (827, 2343), (851, 2373), (870, 2397), (880, 2409), (959, 2487), (962, 2493), (1112, 2637), (1146, 2670), (1187, 2724), (1353, 2901), (1425, 2955),

Gene: Belladonna_8 Start: 1637, Stop: 3058, Start Num: 247
Candidate Starts for Belladonna_8:
(Start: 165 @1565 has 76 MA's), (Start: 230 @1625 has 31 MA's), (Start: 247 @1637 has 171 MA's), (Start: 336 @1748 has 12 MA's), (342, 1754), (391, 1832), (402, 1841), (425, 1889), (444, 1907), (487, 1976), (514, 2018), (517, 2024), (532, 2051), (533, 2054), (607, 2171), (611, 2180), (675, 2261), (792, 2375), (820, 2423), (827, 2435), (851, 2465), (870, 2489), (880, 2501), (959, 2579), (962, 2585), (1112, 2729), (1146, 2762), (1187, 2816), (1353, 2993), (1425, 3047),

Gene: Bellis_5 Start: 1186, Stop: 2751, Start Num: 138
Candidate Starts for Bellis_5:
(Start: 138 @1186 has 120 MA's), (Start: 142 @1192 has 6 MA's), (293, 1363), (396, 1468), (405, 1480), (506, 1636), (512, 1645), (513, 1648), (515, 1651), (566, 1726), (591, 1780), (593, 1783), (594, 1786), (766, 2017), (813, 2092), (827, 2113), (832, 2119), (900, 2188), (942, 2212), (954, 2230), (962, 2245), (1060, 2359), (1113, 2398), (1116, 2404), (1172, 2470), (1263, 2560), (1278, 2572), (1329, 2611), (1400, 2698), (1448, 2743), (1450, 2746),

Gene: Bellris_10 Start: 6185, Stop: 7972, Start Num: 103
Candidate Starts for Bellris_10:
(Start: 103 @6185 has 236 MA's), (241, 6314), (298, 6413), (424, 6575), (448, 6608), (487, 6647), (513, 6701), (538, 6740), (581, 6812), (620, 6902), (631, 6926), (704, 7043), (722, 7058), (778, 7166), (823, 7241), (901, 7340), (928, 7373), (992, 7457), (1006, 7478), (1064, 7520), (1080, 7535), (1088, 7547), (1113, 7574), (1129, 7595), (1163, 7649), (1193, 7691), (1279, 7781), (1295, 7799), (1340, 7850), (1405, 7928), (1433, 7955), (1435, 7958),

Gene: BellusTerra_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for BellusTerra_11:
(28, 6707), (34, 6725), (38, 6755), (Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: BelmontSKP_4 Start: 1038, Stop: 2663, Start Num: 225
Candidate Starts for BelmontSKP_4:
(Start: 225 @1038 has 84 MA's), (Start: 247 @1065 has 171 MA's), (339, 1194), (405, 1248), (431, 1302), (459, 1317), (485, 1371), (490, 1386), (569, 1485), (594, 1536), (595, 1539), (620, 1599), (662, 1677), (1003, 2130), (1020, 2145), (1328, 2496), (1464, 2652),

Gene: Belthelas_3 Start: 1125, Stop: 2585, Start Num: 250
Candidate Starts for Belthelas_3:
(Start: 250 @1125 has 144 MA's), (Start: 254 @1131 has 2 MA's), (358, 1293), (363, 1302), (399, 1362), (444, 1431), (465, 1452), (488, 1503), (619, 1707), (755, 1842), (806, 1920), (817, 1935), (842, 1971), (880, 2013), (911, 2046), (926, 2064), (1015, 2184), (1020, 2187), (1039, 2199), (1113, 2274), (1172, 2337), (1187, 2355), (1190, 2358), (1330, 2520), (1337, 2529), (1372, 2577),

Gene: Bench_10 Start: 2583, Stop: 4253, Start Num: 394
Candidate Starts for Bench_10:
(Start: 394 @2583 has 48 MA's), (427, 2646), (551, 2880), (598, 2982), (693, 3162), (710, 3186), (724, 3204), (732, 3216), (768, 3279), (776, 3291), (808, 3336), (815, 3351), (873, 3429), (911, 3474), (934, 3528), (935, 3534), (1000, 3648), (1104, 3792), (1124, 3828), (1218, 3981), (1232, 3993), (1279, 4050), (1307, 4086), (1346, 4137), (1372, 4173), (1374, 4176), (1438, 4242),

Gene: Benedict_9 Start: 6015, Stop: 7766, Start Num: 67
Candidate Starts for Benedict_9:
(Start: 54 @5988 has 19 MA's), (Start: 67 @6015 has 32 MA's), (Start: 108 @6075 has 1 MA's), (Start: 115 @6084 has 1 MA's), (147, 6123), (Start: 237 @6198 has 1 MA's), (241, 6204), (362, 6336), (424, 6411), (425, 6414), (551, 6588), (620, 6720), (641, 6765), (690, 6843), (693, 6849), (793, 7014), (812, 7047), (825, 7068), (983, 7242), (999, 7266), (1113, 7368), (1129, 7389), (1163, 7443), (1182, 7473), (1193, 7485), (1241, 7539), (1402, 7719), (1405, 7722), (1438, 7755), (1443, 7761),

Gene: Bengal_3 Start: 689, Stop: 2317, Start Num: 225
Candidate Starts for Bengal_3:
(Start: 225 @689 has 84 MA's), (339, 845), (431, 953), (490, 1037), (518, 1079), (569, 1136), (594, 1187), (595, 1190), (620, 1250), (628, 1268), (643, 1298), (662, 1328), (1003, 1784), (1020, 1799), (1328, 2150), (1369, 2198), (1464, 2306),

Gene: BengiVuitton_13 Start: 7865, Stop: 9655, Start Num: 103
Candidate Starts for BengiVuitton_13:
(27, 7691), (Start: 103 @7865 has 236 MA's), (Start: 217 @7973 has 1 MA's), (234, 7994), (288, 8084), (298, 8102), (314, 8126), (513, 8390), (581, 8498), (620, 8588), (631, 8612), (704, 8729), (722, 8744), (916, 9044), (1088, 9230), (1113, 9257), (1193, 9374), (1405, 9611), (1433, 9638), (1435, 9641),

Gene: BenitoAntonio_8 Start: 3839, Stop: 5599, Start Num: 303
Candidate Starts for BenitoAntonio_8:
(279, 3791), (Start: 303 @3839 has 2 MA's), (Start: 307 @3845 has 198 MA's), (363, 3938), (367, 3944), (502, 4211), (516, 4241), (532, 4271), (556, 4319), (570, 4337), (572, 4340), (589, 4382), (644, 4511), (750, 4697), (805, 4796), (847, 4868), (892, 4925), (950, 5003), (956, 5015), (1053, 5129), (1071, 5147), (1109, 5192), (1120, 5216), (1123, 5219), (1150, 5258), (1249, 5399), (1288, 5444), (1290, 5447), (1299, 5459), (1336, 5507), (1363, 5540), (1370, 5549), (1372, 5552),

Gene: Benllo_7 Start: 3847, Stop: 5601, Start Num: 307
Candidate Starts for Benllo_7:
(279, 3793), (Start: 303 @3841 has 2 MA's), (Start: 307 @3847 has 198 MA's), (363, 3940), (367, 3946), (502, 4213), (516, 4243), (532, 4273), (556, 4321), (570, 4339), (572, 4342), (644, 4513), (750, 4699), (805, 4798), (820, 4828), (847, 4870), (892, 4927), (950, 5005), (956, 5017), (1053, 5131), (1071, 5149), (1109, 5194), (1120, 5218), (1123, 5221), (1150, 5260), (1249, 5401), (1288, 5446), (1290, 5449), (1299, 5461), (1336, 5509), (1363, 5542), (1370, 5551), (1372, 5554),

Gene: Bennie_2 Start: 426, Stop: 1991, Start Num: 165
Candidate Starts for Bennie_2:
(Start: 165 @426 has 76 MA's), (Start: 333 @636 has 4 MA's), (402, 696), (419, 732), (431, 756), (444, 762), (463, 780), (557, 942), (569, 963), (620, 1077), (650, 1137), (748, 1203), (770, 1236), (790, 1266), (803, 1281), (852, 1362), (936, 1440), (941, 1449), (1009, 1557), (1020, 1566), (1046, 1593), (1105, 1647), (1133, 1689), (1212, 1755), (1328, 1857),

Gene: BennyP_15 Start: 7533, Stop: 9287, Start Num: 103
Candidate Starts for BennyP_15:
(Start: 103 @7533 has 236 MA's), (298, 7764), (Start: 330 @7815 has 14 MA's), (362, 7851), (424, 7926), (513, 8049), (538, 8088), (581, 8157), (593, 8181), (594, 8184), (620, 8247), (631, 8271), (693, 8370), (696, 8373), (718, 8400), (722, 8403), (923, 8688), (992, 8775), (999, 8787), (1080, 8850), (1113, 8889), (1129, 8910), (1182, 8994), (1193, 9006), (1405, 9243), (1433, 9270), (1435, 9273),

Gene: Benvolio_12 Start: 7541, Stop: 9328, Start Num: 103
Candidate Starts for Benvolio_12:
(27, 7367), (Start: 103 @7541 has 236 MA's), (Start: 217 @7649 has 1 MA's), (234, 7670), (298, 7778), (362, 7865), (512, 8060), (513, 8063), (581, 8171), (620, 8261), (631, 8285), (704, 8402), (722, 8417), (916, 8717), (1088, 8903), (1113, 8930), (1129, 8951), (1193, 9047), (1405, 9284), (1433, 9311), (1435, 9314),

Gene: Bern_8 Start: 1583, Stop: 3004, Start Num: 247
Candidate Starts for Bern_8:
(Start: 165 @1511 has 76 MA's), (Start: 230 @1571 has 31 MA's), (Start: 247 @1583 has 171 MA's), (Start: 336 @1694 has 12 MA's), (342, 1700), (391, 1778), (402, 1787), (425, 1835), (444, 1853), (487,

1922), (514, 1964), (517, 1970), (532, 1997), (533, 2000), (607, 2117), (611, 2126), (675, 2207), (792, 2321), (820, 2369), (827, 2381), (851, 2411), (870, 2435), (880, 2447), (962, 2531), (1112, 2675), (1146, 2708), (1187, 2762), (1353, 2939), (1425, 2993),

Gene: Bernal13_3 Start: 724, Stop: 2607, Start Num: 72
Candidate Starts for Bernal13_3:
(9, 475), (Start: 72 @724 has 7 MA's), (Start: 137 @805 has 4 MA's), (144, 814), (Start: 232 @910 has 1 MA's), (241, 922), (362, 1054), (488, 1201), (490, 1207), (504, 1234), (513, 1252), (553, 1315), (625, 1450), (738, 1651), (790, 1708), (987, 1927), (1028, 1978), (1054, 2002), (1091, 2053), (1167, 2182), (1185, 2221), (1193, 2230), (1226, 2281), (1251, 2320), (1281, 2407), (1292, 2419), (1370, 2512), (1381, 2527), (1383, 2530),

Gene: Bernstein_2 Start: 653, Stop: 2215, Start Num: 225
Candidate Starts for Bernstein_2:
(Start: 225 @653 has 84 MA's), (Start: 307 @761 has 198 MA's), (339, 809), (431, 917), (444, 923), (459, 932), (461, 938), (463, 941), (515, 1037), (569, 1100), (620, 1214), (650, 1274), (662, 1292), (822, 1520), (865, 1565), (973, 1703), (1290, 2030), (1453, 2204), (1457, 2207),

Gene: Berrie_2 Start: 532, Stop: 2238, Start Num: 124
Candidate Starts for Berrie_2:
(Start: 124 @532 has 46 MA's), (486, 904), (513, 961), (546, 1009), (595, 1099), (693, 1273), (881, 1525), (983, 1648), (1146, 1828), (1193, 1903), (1209, 1918), (1292, 2053), (1363, 2137), (1372, 2149), (1381, 2161),

Gene: BetterKatz_6 Start: 2231, Stop: 3661, Start Num: 317
Candidate Starts for BetterKatz_6:
(Start: 176 @2063 has 3 MA's), (Start: 179 @2066 has 1 MA's), (182, 2069), (188, 2075), (Start: 317 @2231 has 15 MA's), (Start: 330 @2249 has 14 MA's), (431, 2372), (459, 2390), (481, 2429), (484, 2438), (536, 2522), (594, 2606), (600, 2621), (613, 2654), (618, 2663), (659, 2720), (712, 2789), (752, 2852), (893, 3041), (903, 3053), (954, 3101), (973, 3143), (1023, 3194), (1111, 3269), (1112, 3272), (1139, 3299), (1187, 3359), (1213, 3392), (1226, 3407), (1278, 3443), (1317, 3485), (1336, 3512), (1371, 3548), (1377, 3554), (1409, 3593),

Gene: BetterYeti_17 Start: 10301, Stop: 12046, Start Num: 307
Candidate Starts for BetterYeti_17:
(Start: 307 @10301 has 198 MA's), (310, 10307), (363, 10394), (367, 10400), (387, 10436), (417, 10490), (502, 10667), (525, 10712), (556, 10775), (572, 10796), (599, 10865), (644, 10967), (680, 11024), (709, 11081), (722, 11093), (750, 11153), (805, 11252), (808, 11258), (841, 11315), (892, 11381), (1053, 11576), (1088, 11618), (1111, 11642), (1120, 11663), (1123, 11666), (1290, 11894), (1299, 11906), (1370, 11996), (1372, 11999),

Gene: Bhagsy_2 Start: 401, Stop: 2077, Start Num: 138
Candidate Starts for Bhagsy_2:
(Start: 138 @401 has 120 MA's), (Start: 318 @617 has 1 MA's), (349, 656), (380, 713), (396, 737), (421, 782), (426, 794), (431, 803), (444, 809), (483, 866), (490, 887), (495, 899), (558, 989), (659, 1178), (745, 1274), (766, 1304), (778, 1325), (902, 1466), (919, 1478), (959, 1523), (1107, 1676), (1112, 1685), (1139, 1712), (1172, 1754), (1187, 1772), (1278, 1856), (1290, 1871), (1463, 2060),

Gene: BiPauneto_27 Start: 12066, Stop: 13793, Start Num: 155
Candidate Starts for BiPauneto_27:
(Start: 155 @12066 has 202 MA's), (Start: 317 @12216 has 15 MA's), (351, 12267), (Start: 403 @12342 has 1 MA's), (408, 12351), (464, 12474), (473, 12492), (621, 12774), (635, 12801), (740, 12969), (748, 12981), (824, 13092), (1007, 13275), (1104, 13389), (1113, 13404), (1136, 13437),

(1196, 13512), (1320, 13656), (1365, 13698), (1387, 13728), (1432, 13770),

Gene: Bialota_2 Start: 483, Stop: 2222, Start Num: 295
Candidate Starts for Bialota_2:
(Start: 295 @483 has 6 MA's), (Start: 305 @498 has 33 MA's), (373, 588), (499, 804), (510, 828), (513, 834), (526, 858), (555, 915), (590, 987), (696, 1185), (728, 1227), (732, 1233), (782, 1317), (807, 1344), (885, 1455), (908, 1482), (1013, 1659), (1191, 1932), (1194, 1935), (1197, 1941), (1212, 1962), (1245, 2001), (1281, 2049), (1289, 2058), (1307, 2082), (1332, 2100), (1374, 2157), (1439, 2214),

Gene: BiancaTri92_14 Start: 9218, Stop: 11005, Start Num: 103
Candidate Starts for BiancaTri92_14:
(Start: 103 @9218 has 236 MA's), (Start: 217 @9326 has 1 MA's), (234, 9347), (298, 9455), (362, 9542), (411, 9596), (512, 9737), (513, 9740), (538, 9779), (581, 9848), (620, 9938), (631, 9962), (704, 10079), (722, 10094), (916, 10394), (983, 10481), (1088, 10580), (1113, 10607), (1129, 10628), (1193, 10724), (1405, 10961), (1433, 10988), (1435, 10991),

Gene: Bibble12_4 Start: 1013, Stop: 2494, Start Num: 309
Candidate Starts for Bibble12_4:
(Start: 171 @848 has 16 MA's), (Start: 309 @1013 has 15 MA's), (334, 1052), (Start: 397 @1103 has 4 MA's), (405, 1115), (422, 1151), (431, 1169), (569, 1352), (620, 1466), (625, 1478), (650, 1526), (665, 1547), (677, 1562), (713, 1619), (961, 1934), (1003, 2000), (1048, 2045), (1096, 2084), (1105, 2096), (1151, 2162), (1176, 2192), (1212, 2237), (1257, 2279), (1364, 2402), (1369, 2408), (1385, 2429), (1394, 2441), (1447, 2480), (1449, 2483),

Gene: BigBubba_8 Start: 1963, Stop: 3633, Start Num: 389
Candidate Starts for BigBubba_8:
(Start: 389 @1963 has 11 MA's), (551, 2260), (598, 2362), (693, 2542), (710, 2566), (724, 2584), (732, 2596), (768, 2659), (776, 2671), (808, 2716), (815, 2731), (873, 2809), (911, 2854), (934, 2908), (935, 2914), (1000, 3028), (1037, 3076), (1104, 3172), (1124, 3208), (1218, 3361), (1232, 3373), (1279, 3430), (1307, 3466), (1346, 3517), (1372, 3553), (1374, 3556), (1438, 3622),

Gene: BigCheese_4 Start: 1069, Stop: 2637, Start Num: 138
Candidate Starts for BigCheese_4:
(Start: 138 @1069 has 120 MA's), (Start: 142 @1075 has 6 MA's), (Start: 284 @1231 has 1 MA's), (512, 1528), (515, 1534), (556, 1594), (591, 1666), (594, 1672), (602, 1693), (675, 1792), (710, 1840), (762, 1894), (776, 1918), (807, 1963), (809, 1969), (827, 1999), (832, 2005), (855, 2032), (863, 2041), (942, 2098), (946, 2104), (959, 2125), (962, 2131), (1020, 2206), (1023, 2209), (1060, 2245), (1116, 2290), (1172, 2356), (1234, 2431), (1266, 2449), (1278, 2458), (1420, 2605), (1448, 2629), (1450, 2632),

Gene: BigChungus_3 Start: 928, Stop: 2604, Start Num: 170
Candidate Starts for BigChungus_3:
(Start: 170 @928 has 103 MA's), (Start: 232 @979 has 1 MA's), (Start: 249 @1000 has 1 MA's), (304, 1045), (Start: 330 @1087 has 14 MA's), (362, 1123), (415, 1189), (490, 1285), (509, 1321), (513, 1330), (515, 1333), (543, 1381), (550, 1393), (595, 1480), (701, 1660), (735, 1714), (842, 1894), (866, 1927), (954, 1993), (987, 2059), (992, 2065), (1080, 2149), (1146, 2230), (1163, 2263), (1219, 2332), (1292, 2410), (1332, 2452), (1374, 2509), (1394, 2530), (1400, 2536), (1454, 2590), (1456, 2593),

Gene: BigMack_2 Start: 426, Stop: 1991, Start Num: 165
Candidate Starts for BigMack_2:
(Start: 165 @426 has 76 MA's), (Start: 333 @636 has 4 MA's), (Start: 397 @690 has 4 MA's), (431, 756), (463, 780), (557, 942), (620, 1077), (652, 1140), (770, 1236), (790, 1266), (852, 1362), (936, 1440), (941, 1449), (961, 1485), (1009, 1557), (1105, 1647), (1133, 1689), (1212, 1755), (1328, 1857),

Gene: BigMau_13 Start: 7221, Stop: 8909, Start Num: 110
Candidate Starts for BigMau_13:
(Start: 110 @7221 has 24 MA's), (302, 7392), (Start: 309 @7401 has 15 MA's), (381, 7485), (Start: 403 @7512 has 1 MA's), (408, 7521), (513, 7671), (535, 7704), (581, 7779), (620, 7869), (631, 7893), (647, 7920), (679, 7968), (774, 8124), (809, 8184), (1001, 8409), (1009, 8418), (1021, 8430), (1080, 8472), (1100, 8493), (1117, 8520), (1193, 8628), (1279, 8718), (1365, 8823),

Gene: BigNuz_2 Start: 392, Stop: 2065, Start Num: 138
Candidate Starts for BigNuz_2:
(31, 179), (57, 275), (Start: 138 @392 has 120 MA's), (Start: 220 @485 has 6 MA's), (Start: 235 @503 has 7 MA's), (Start: 318 @608 has 1 MA's), (349, 647), (421, 773), (431, 794), (444, 800), (445, 803), (483, 857), (495, 890), (558, 980), (659, 1169), (745, 1265), (778, 1316), (902, 1457), (919, 1469), (959, 1514), (1107, 1667), (1112, 1676), (1139, 1703), (1150, 1718), (1172, 1745), (1187, 1763), (1216, 1799), (1290, 1862), (1353, 1934), (1463, 2048),

Gene: BigPaolini_12 Start: 7646, Stop: 9334, Start Num: 102
Candidate Starts for BigPaolini_12:
(Start: 102 @7646 has 400 MA's), (381, 7910), (402, 7934), (513, 8096), (535, 8129), (581, 8204), (620, 8294), (631, 8318), (647, 8345), (679, 8393), (728, 8462), (774, 8549), (778, 8558), (808, 8606), (809, 8609), (1009, 8843), (1021, 8855), (1080, 8897), (1100, 8918), (1117, 8945), (1193, 9053), (1279, 9143), (1365, 9248),

Gene: BigSherm_6 Start: 1935, Stop: 3635, Start Num: 209
Candidate Starts for BigSherm_6:
(Start: 155 @1878 has 202 MA's), (Start: 190 @1914 has 1 MA's), (Start: 209 @1935 has 22 MA's), (270, 2010), (Start: 295 @2058 has 6 MA's), (Start: 309 @2079 has 15 MA's), (Start: 317 @2094 has 15 MA's), (339, 2127), (Start: 397 @2169 has 4 MA's), (399, 2172), (422, 2217), (431, 2235), (434, 2238), (444, 2241), (520, 2364), (532, 2388), (569, 2418), (620, 2532), (650, 2592), (665, 2613), (703, 2679), (803, 2844), (852, 2910), (865, 2925), (973, 3096), (1061, 3195), (1100, 3228), (1124, 3264), (1126, 3267), (1177, 3309), (1212, 3351), (1283, 3399), (1305, 3426), (1307, 3429), (1313, 3435), (1364, 3498), (1433, 3576), (1464, 3624),

Gene: Bigchungi_11 Start: 6724, Stop: 8412, Start Num: 102
Candidate Starts for Bigchungi_11:
(Start: 102 @6724 has 400 MA's), (Start: 309 @6904 has 15 MA's), (381, 6988), (408, 7024), (424, 7051), (513, 7174), (581, 7282), (620, 7372), (631, 7396), (647, 7423), (679, 7471), (728, 7540), (774, 7627), (809, 7687), (1001, 7912), (1009, 7921), (1021, 7933), (1080, 7975), (1100, 7996), (1117, 8023), (1193, 8131), (1279, 8221), (1365, 8326),

Gene: Bigflo_13 Start: 6955, Stop: 8655, Start Num: 105
Candidate Starts for Bigflo_13:
(Start: 105 @6955 has 85 MA's), (Start: 145 @7003 has 1 MA's), (302, 7138), (467, 7330), (513, 7417), (537, 7453), (620, 7615), (675, 7705), (718, 7768), (809, 7930), (983, 8128), (999, 8152), (1001, 8155), (1080, 8218), (1100, 8239), (1129, 8278), (1193, 8374), (1241, 8428), (1279, 8464), (1405, 8611), (1435, 8641), (1438, 8644),

Gene: Bigfoot_10 Start: 6745, Stop: 8433, Start Num: 102
Candidate Starts for Bigfoot_10:
(Start: 102 @6745 has 400 MA's), (Start: 309 @6925 has 15 MA's), (381, 7009), (408, 7045), (424, 7072), (513, 7195), (581, 7303), (620, 7393), (631, 7417), (679, 7492), (728, 7561), (774, 7648), (809, 7708), (1001, 7933), (1009, 7942), (1021, 7954), (1080, 7996), (1100, 8017), (1117, 8044), (1193, 8152), (1279, 8242), (1365, 8347),

Gene: Biglebops_4 Start: 847, Stop: 2271, Start Num: 247
Candidate Starts for Biglebops_4:
(Start: 230 @835 has 31 MA's), (Start: 247 @847 has 171 MA's), (310, 913), (Start: 336 @958 has 12 MA's), (363, 1003), (391, 1042), (402, 1051), (425, 1099), (444, 1117), (463, 1135), (487, 1186), (517, 1234), (532, 1261), (607, 1381), (611, 1390), (637, 1426), (638, 1429), (675, 1471), (686, 1489), (792, 1585), (816, 1627), (820, 1633), (827, 1645), (851, 1675), (856, 1681), (870, 1699), (893, 1726), (962, 1795), (1042, 1867), (1112, 1939), (1146, 1972), (1150, 1981), (1172, 2008), (1187, 2026), (1353, 2203), (1425, 2260), (1431, 2266),

Gene: BillDoor_6 Start: 1115, Stop: 2794, Start Num: 170
Candidate Starts for BillDoor_6:
(Start: 170 @1115 has 103 MA's), (Start: 232 @1166 has 1 MA's), (Start: 249 @1187 has 1 MA's), (Start: 251 @1190 has 3 MA's), (304, 1232), (354, 1298), (407, 1358), (415, 1379), (424, 1388), (490, 1475), (509, 1511), (513, 1520), (543, 1571), (595, 1670), (623, 1724), (645, 1760), (735, 1904), (760, 1940), (780, 1979), (874, 2126), (921, 2150), (987, 2249), (1076, 2333), (1146, 2420), (1214, 2516), (1269, 2564), (1282, 2588), (1330, 2639), (1394, 2720), (1454, 2780), (1456, 2783),

Gene: BillKnuckles_12 Start: 7662, Stop: 9350, Start Num: 102
Candidate Starts for BillKnuckles_12:
(Start: 102 @7662 has 400 MA's), (Start: 309 @7842 has 15 MA's), (381, 7926), (408, 7962), (513, 8112), (535, 8145), (581, 8220), (620, 8310), (631, 8334), (647, 8361), (735, 8502), (809, 8625), (983, 8823), (1001, 8850), (1086, 8922), (1100, 8934), (1115, 8955), (1155, 9012), (1193, 9069), (1279, 9159), (1281, 9162), (1372, 9273), (1374, 9276), (1405, 9306), (1435, 9336), (1438, 9339),

Gene: Bilo_7 Start: 3190, Stop: 4935, Start Num: 307
Candidate Starts for Bilo_7:
(Start: 307 @3190 has 198 MA's), (310, 3196), (342, 3244), (363, 3283), (367, 3289), (516, 3586), (556, 3664), (570, 3682), (572, 3685), (599, 3754), (611, 3787), (644, 3856), (680, 3913), (699, 3949), (750, 4042), (808, 4147), (892, 4270), (950, 4342), (1071, 4483), (1120, 4552), (1123, 4555), (1223, 4693), (1274, 4762), (1290, 4783), (1293, 4786), (1299, 4795), (1315, 4813), (1336, 4843), (1370, 4885), (1372, 4888),

Gene: Bimmel_48 Start: 25564, Stop: 26946, Start Num: 352
Candidate Starts for Bimmel_48:
(Start: 352 @25564 has 1 MA's), (477, 25717), (504, 25768), (508, 25774), (513, 25786), (548, 25837), (595, 25933), (625, 25990), (690, 26101), (759, 26194), (866, 26329), (956, 26398), (992, 26452), (1214, 26686), (1244, 26722), (1416, 26911), (1438, 26935),

Gene: Bing_7 Start: 2813, Stop: 4546, Start Num: 307
Candidate Starts for Bing_7:
(Start: 307 @2813 has 198 MA's), (310, 2819), (363, 2906), (367, 2912), (488, 3134), (505, 3173), (535, 3233), (556, 3275), (572, 3296), (637, 3449), (644, 3467), (727, 3599), (732, 3623), (791, 3728), (805, 3752), (892, 3881), (950, 3950), (956, 3962), (1052, 4073), (1053, 4076), (1071, 4094), (1120, 4163), (1123, 4166), (1156, 4217), (1273, 4370), (1290, 4394), (1299, 4406), (1370, 4496), (1372, 4499),

Gene: BinkBonk_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for BinkBonk_3:
(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (806, 1881), (817, 1896), (842, 1932), (880, 1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298), (1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: Bintii_3 Start: 1104, Stop: 2564, Start Num: 250
Candidate Starts for Bintii_3:
(Start: 250 @1104 has 144 MA's), (Start: 254 @1110 has 2 MA's), (358, 1272), (363, 1281), (399, 1341), (444, 1410), (465, 1431), (488, 1482), (619, 1686), (755, 1821), (806, 1899), (817, 1914), (829, 1932), (842, 1950), (880, 1992), (911, 2025), (926, 2043), (1015, 2163), (1020, 2166), (1039, 2178), (1047, 2190), (1060, 2202), (1113, 2253), (1160, 2310), (1172, 2316), (1178, 2325), (1187, 2334), (1190, 2337), (1330, 2499), (1337, 2508), (1344, 2517), (1372, 2556),

Gene: Bipolar_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Bipolar_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: Bipper_9 Start: 4723, Stop: 6342, Start Num: 155
Candidate Starts for Bipper_9:
(Start: 155 @4723 has 202 MA's), (255, 4831), (Start: 333 @4942 has 4 MA's), (463, 5119), (465, 5122), (491, 5182), (532, 5248), (533, 5251), (584, 5311), (587, 5317), (648, 5449), (650, 5452), (670, 5479), (790, 5581), (840, 5650), (847, 5662), (877, 5698), (885, 5707), (899, 5722), (903, 5728), (954, 5785), (964, 5803), (983, 5836), (997, 5860), (1020, 5878), (1083, 5947), (1131, 6016), (1134, 6019), (1159, 6061), (1233, 6139), (1294, 6169), (1327, 6211), (1362, 6253), (1374, 6268),

Gene: Bircsak_11 Start: 7206, Stop: 8894, Start Num: 102
Candidate Starts for Bircsak_11:
(Start: 102 @7206 has 400 MA's), (381, 7470), (402, 7494), (513, 7656), (535, 7689), (581, 7764), (620, 7854), (631, 7878), (647, 7905), (679, 7953), (774, 8109), (809, 8169), (1001, 8394), (1009, 8403), (1021, 8415), (1080, 8457), (1100, 8478), (1117, 8505), (1193, 8613), (1279, 8703), (1365, 8808),

Gene: Birdsong_2 Start: 486, Stop: 2147, Start Num: 170
Candidate Starts for Birdsong_2:
(56, 324), (Start: 71 @357 has 4 MA's), (74, 360), (86, 378), (Start: 110 @411 has 24 MA's), (116, 420), (Start: 141 @453 has 2 MA's), (Start: 170 @486 has 103 MA's), (Start: 232 @537 has 1 MA's), (241, 549), (260, 576), (354, 666), (415, 747), (424, 756), (425, 759), (467, 792), (490, 843), (509, 879), (510, 882), (513, 888), (523, 903), (525, 906), (538, 924), (548, 942), (581, 996), (603, 1047), (620, 1071), (675, 1158), (712, 1218), (722, 1227), (735, 1263), (760, 1299), (780, 1338), (781, 1341), (798, 1371), (890, 1503), (921, 1509), (969, 1572), (999, 1626), (1015, 1644), (1080, 1701), (1088, 1713), (1113, 1740), (1165, 1821), (1188, 1851), (1226, 1890), (1247, 1914), (1282, 1950), (1292, 1962), (1295, 1965), (1372, 2058), (1374, 2061), (1387, 2079), (1416, 2100), (1445, 2121), (1456, 2136),

Gene: Biscayne_3 Start: 1101, Stop: 2561, Start Num: 250
Candidate Starts for Biscayne_3:
(Start: 250 @1101 has 144 MA's), (Start: 254 @1107 has 2 MA's), (358, 1269), (399, 1338), (444, 1407), (465, 1428), (488, 1479), (619, 1683), (829, 1929), (842, 1947), (880, 1989), (911, 2022), (926, 2040), (1015, 2160), (1020, 2163), (1039, 2175), (1047, 2187), (1113, 2250), (1160, 2307), (1172, 2313), (1178, 2322), (1187, 2331), (1190, 2334), (1327, 2493), (1330, 2496), (1337, 2505),

Gene: Biscute_7 Start: 3236, Stop: 4969, Start Num: 307
Candidate Starts for Biscute_7:
(Start: 307 @3236 has 198 MA's), (Start: 330 @3275 has 14 MA's), (354, 3311), (367, 3335), (493, 3572), (502, 3590), (516, 3620), (556, 3698), (572, 3719), (599, 3788), (644, 3890), (656, 3914), (693, 3971), (709, 4004), (750, 4076), (805, 4175), (820, 4205), (847, 4247), (892, 4304), (956, 4385), (1071, 4517), (1120, 4586), (1123, 4589), (1190, 4682), (1273, 4793), (1290, 4817), (1299, 4829), (1309, 4841), (1370, 4919), (1372, 4922),

Gene: Biskit_5 Start: 1110, Stop: 2789, Start Num: 170
Candidate Starts for Biskit_5:
(Start: 170 @1110 has 103 MA's), (Start: 232 @1161 has 1 MA's), (Start: 249 @1182 has 1 MA's), (300, 1221), (362, 1308), (407, 1353), (415, 1374), (424, 1383), (485, 1455), (509, 1506), (513, 1515), (543, 1566), (595, 1665), (603, 1686), (623, 1719), (645, 1755), (735, 1899), (760, 1935), (780, 1974), (798, 2007), (825, 2055), (866, 2112), (921, 2145), (954, 2178), (987, 2244), (992, 2250), (1062, 2316), (1076, 2328), (1146, 2415), (1214, 2511), (1269, 2559), (1330, 2634), (1394, 2715), (1454, 2775), (1456, 2778),

Gene: Bjanes7_2 Start: 318, Stop: 1889, Start Num: 151
Candidate Starts for Bjanes7_2:
(Start: 151 @318 has 55 MA's), (Start: 297 @474 has 6 MA's), (Start: 318 @504 has 1 MA's), (342, 537), (421, 621), (425, 630), (465, 666), (491, 726), (566, 816), (568, 819), (607, 912), (620, 936), (648, 978), (689, 1032), (723, 1071), (778, 1137), (789, 1149), (808, 1179), (840, 1212), (919, 1293), (959, 1338), (962, 1344), (971, 1365), (1054, 1455), (1109, 1500), (1112, 1506), (1142, 1536), (1146, 1539), (1187, 1593), (1216, 1629), (1280, 1680), (1331, 1740), (1334, 1743), (1371, 1785), (1461, 1872),

Gene: BlackHoleSun_9 Start: 3597, Stop: 5330, Start Num: 307
Candidate Starts for BlackHoleSun_9:
(Start: 307 @3597 has 198 MA's), (367, 3696), (493, 3933), (516, 3981), (556, 4059), (570, 4077), (572, 4080), (599, 4149), (644, 4251), (656, 4275), (693, 4332), (750, 4437), (805, 4536), (820, 4566), (847, 4608), (892, 4665), (950, 4734), (956, 4746), (1053, 4860), (1071, 4878), (1120, 4947), (1123, 4950), (1273, 5154), (1290, 5178), (1299, 5190), (1309, 5202), (1370, 5280), (1372, 5283),

Gene: Blackbeetle_35 Start: 10438, Stop: 12180, Start Num: 170
Candidate Starts for Blackbeetle_35:
(Start: 170 @10438 has 103 MA's), (302, 10555), (Start: 330 @10600 has 14 MA's), (369, 10666), (374, 10681), (402, 10714), (Start: 403 @10717 has 1 MA's), (411, 10732), (425, 10756), (426, 10759), (467, 10789), (479, 10810), (485, 10828), (488, 10837), (505, 10873), (513, 10888), (543, 10933), (575, 10975), (590, 11014), (595, 11026), (603, 11047), (632, 11098), (647, 11119), (798, 11341), (866, 11446), (874, 11455), (930, 11488), (954, 11509), (956, 11512), (969, 11539), (983, 11569), (992, 11581), (1001, 11596), (1009, 11605), (1015, 11611), (1062, 11653), (1074, 11662), (1084, 11677), (1100, 11692), (1146, 11752), (1163, 11791), (1185, 11824), (1214, 11854), (1217, 11857), (1265, 11941), (1292, 11995), (1304, 12010), (1332, 12037), (1372, 12091), (1451, 12163), (1453, 12166),

Gene: Blackflame_11 Start: 6733, Stop: 8421, Start Num: 102
Candidate Starts for Blackflame_11:
(Start: 102 @6733 has 400 MA's), (Start: 309 @6913 has 15 MA's), (381, 6997), (408, 7033), (513, 7183), (581, 7291), (620, 7381), (631, 7405), (679, 7480), (728, 7549), (774, 7636), (809, 7696), (1009, 7930), (1021, 7942), (1080, 7984), (1100, 8005), (1117, 8032), (1193, 8140), (1279, 8230), (1365, 8335),

Gene: Blackmoor_11 Start: 6884, Stop: 8581, Start Num: 102

Candidate Starts for Blackmoor_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Blair_4 Start: 800, Stop: 2290, Start Num: 202
Candidate Starts for Blair_4:
(Start: 202 @800 has 39 MA's), (245, 845), (Start: 318 @947 has 1 MA's), (Start: 336 @974 has 12 MA's), (Start: 397 @1025 has 4 MA's), (405, 1037), (419, 1067), (425, 1079), (434, 1094), (485, 1160), (513, 1205), (577, 1292), (585, 1316), (586, 1319), (588, 1322), (607, 1367), (620, 1391), (631, 1400), (677, 1466), (725, 1529), (745, 1541), (776, 1583), (789, 1601), (827, 1661), (886, 1718), (902, 1730), (922, 1754), (946, 1772), (987, 1850), (1047, 1904), (1112, 1958), (1121, 1970), (1127, 1979), (1201, 2054), (1206, 2063), (1228, 2090), (1299, 2147), (1346, 2201), (1406, 2273),

Gene: Blanky_13 Start: 8159, Stop: 9904, Start Num: 307
Candidate Starts for Blanky_13:
(Start: 307 @8159 has 198 MA's), (310, 8165), (363, 8252), (367, 8258), (387, 8294), (417, 8348), (435, 8381), (493, 8507), (523, 8567), (556, 8633), (570, 8651), (572, 8654), (599, 8723), (644, 8825), (680, 8882), (722, 8951), (750, 9011), (805, 9110), (808, 9116), (823, 9146), (841, 9173), (892, 9239), (956, 9320), (1050, 9425), (1053, 9434), (1058, 9440), (1088, 9476), (1111, 9500), (1120, 9521), (1123, 9524), (1249, 9704), (1290, 9752), (1299, 9764), (1315, 9782), (1370, 9854), (1372, 9857),

Gene: BlessJoy_15 Start: 7514, Stop: 9268, Start Num: 103
Candidate Starts for BlessJoy_15:
(Start: 103 @7514 has 236 MA's), (241, 7646), (298, 7745), (314, 7769), (Start: 330 @7796 has 14 MA's), (362, 7832), (424, 7907), (513, 8030), (523, 8045), (538, 8069), (581, 8138), (593, 8162), (594, 8165), (620, 8228), (631, 8252), (718, 8381), (722, 8384), (780, 8495), (914, 8657), (983, 8744), (992, 8756), (999, 8768), (1064, 8816), (1080, 8831), (1113, 8870), (1129, 8891), (1182, 8975), (1193, 8987), (1405, 9224), (1433, 9251), (1435, 9254),

Gene: Blesser_11 Start: 7310, Stop: 8998, Start Num: 102
Candidate Starts for Blesser_11:
(Start: 102 @7310 has 400 MA's), (Start: 330 @7526 has 14 MA's), (381, 7574), (402, 7598), (513, 7760), (581, 7868), (620, 7958), (631, 7982), (647, 8009), (679, 8057), (728, 8126), (774, 8213), (778, 8222), (808, 8270), (809, 8273), (1009, 8507), (1021, 8519), (1080, 8561), (1100, 8582), (1117, 8609), (1193, 8717), (1279, 8807), (1365, 8912),

Gene: Blessica_31 Start: 13473, Stop: 14984, Start Num: 184
Candidate Starts for Blessica_31:
(Start: 181 @13470 has 17 MA's), (Start: 184 @13473 has 14 MA's), (Start: 322 @13653 has 1 MA's), (381, 13746), (424, 13821), (451, 13854), (474, 13881), (487, 13911), (591, 14064), (594, 14070), (607, 14106), (611, 14115), (675, 14196), (679, 14205), (680, 14208), (744, 14247), (788, 14304), (809, 14340), (810, 14343), (957, 14499), (962, 14508), (1025, 14577), (1042, 14586), (1046, 14592), (1080, 14625), (1112, 14661), (1187, 14748), (1203, 14769), (1277, 14832), (1283, 14835), (1286, 14838), (1299, 14856), (1317, 14877), (1353, 14919), (1386, 14955), (1415, 14967),

Gene: Blexus_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Blexus_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953),

(488, 956), (496, 977), (508, 998), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (736, 1403), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: BlingBling_2 Start: 360, Stop: 1928, Start Num: 173
Candidate Starts for BlingBling_2:
(65, 255), (Start: 173 @360 has 36 MA's), (259, 444), (289, 477), (Start: 318 @519 has 1 MA's), (Start: 333 @537 has 4 MA's), (342, 552), (384, 573), (399, 594), (419, 633), (465, 693), (483, 729), (487, 741), (515, 786), (520, 795), (539, 822), (588, 891), (593, 900), (648, 1005), (661, 1020), (675, 1035), (745, 1113), (778, 1164), (919, 1320), (956, 1359), (973, 1398), (1002, 1431), (1015, 1443), (1071, 1488), (1074, 1491), (1078, 1497), (1107, 1518), (1112, 1527), (1113, 1530), (1146, 1560), (1157, 1584), (1174, 1599), (1278, 1701), (1317, 1743), (1326, 1758), (1346, 1779), (1358, 1794), (1459, 1902), (1463, 1911), (1464, 1917),

Gene: Blinn1_15 Start: 7566, Stop: 9320, Start Num: 103
Candidate Starts for Blinn1_15:
(Start: 103 @7566 has 236 MA's), (298, 7797), (Start: 330 @7848 has 14 MA's), (362, 7884), (424, 7959), (513, 8082), (538, 8121), (581, 8190), (593, 8214), (594, 8217), (620, 8280), (631, 8304), (693, 8403), (696, 8406), (718, 8433), (722, 8436), (923, 8721), (992, 8808), (999, 8820), (1080, 8883), (1113, 8922), (1129, 8943), (1182, 9027), (1193, 9039), (1405, 9276), (1433, 9303), (1435, 9306),

Gene: Blino_2 Start: 361, Stop: 1959, Start Num: 173
Candidate Starts for Blino_2:
(Start: 119 @334 has 2 MA's), (Start: 167 @355 has 9 MA's), (Start: 173 @361 has 36 MA's), (289, 475), (293, 484), (Start: 318 @517 has 1 MA's), (Start: 333 @535 has 4 MA's), (342, 550), (384, 571), (399, 592), (431, 655), (465, 691), (483, 727), (487, 739), (501, 769), (513, 781), (515, 784), (648, 1003), (661, 1018), (675, 1033), (677, 1036), (745, 1111), (778, 1162), (919, 1318), (946, 1339), (949, 1342), (1002, 1429), (1015, 1441), (1057, 1474), (1060, 1477), (1107, 1516), (1112, 1525), (1172, 1594), (1174, 1597), (1224, 1657), (1226, 1660), (1234, 1669), (1317, 1738), (1466, 1942),

Gene: Blizzard_8 Start: 1637, Stop: 3058, Start Num: 247
Candidate Starts for Blizzard_8:
(Start: 165 @1565 has 76 MA's), (Start: 230 @1625 has 31 MA's), (Start: 247 @1637 has 171 MA's), (Start: 336 @1748 has 12 MA's), (342, 1754), (391, 1832), (402, 1841), (425, 1889), (444, 1907), (487, 1976), (514, 2018), (517, 2024), (532, 2051), (533, 2054), (607, 2171), (611, 2180), (675, 2261), (792, 2375), (820, 2423), (827, 2435), (851, 2465), (870, 2489), (880, 2501), (959, 2579), (962, 2585), (1112, 2729), (1146, 2762), (1187, 2816), (1353, 2993), (1425, 3047),

Gene: Blondies_5 Start: 1111, Stop: 2790, Start Num: 170
Candidate Starts for Blondies_5:
(Start: 170 @1111 has 103 MA's), (Start: 232 @1162 has 1 MA's), (Start: 249 @1183 has 1 MA's), (300, 1222), (362, 1309), (407, 1354), (415, 1375), (424, 1384), (485, 1456), (509, 1507), (513, 1516), (543, 1567), (595, 1666), (603, 1687), (623, 1720), (645, 1756), (735, 1900), (760, 1936), (780, 1975), (798, 2008), (825, 2056), (866, 2113), (921, 2146), (954, 2179), (987, 2245), (992, 2251), (1062, 2317), (1076, 2329), (1080, 2335), (1146, 2416), (1214, 2512), (1269, 2560), (1330, 2635), (1394, 2716), (1454, 2776), (1456, 2779),

Gene: BloominB_5 Start: 1855, Stop: 3489, Start Num: 102
Candidate Starts for BloominB_5:

(Start: 102 @1855 has 400 MA's), (Start: 153 @1894 has 15 MA's), (Start: 208 @1942 has 5 MA's), (342, 2113), (396, 2152), (512, 2332), (516, 2341), (522, 2350), (566, 2413), (570, 2419), (605, 2503), (606, 2506), (607, 2509), (675, 2605), (677, 2608), (680, 2617), (745, 2683), (766, 2713), (785, 2740), (807, 2773), (820, 2794), (822, 2797), (919, 2893), (946, 2914), (1002, 3004), (1051, 3046), (1074, 3064), (1078, 3070), (1146, 3133), (1149, 3139), (1150, 3142), (1187, 3187), (1191, 3193), (1213, 3220), (1226, 3235), (1290, 3286), (1297, 3295), (1309, 3310), (1317, 3313), (1346, 3352), (1358, 3367), (1371, 3382), (1374, 3385), (1460, 3463), (1462, 3469),

Gene: BluSpix_11 Start: 7005, Stop: 8693, Start Num: 102
Candidate Starts for BluSpix_11:
(Start: 102 @7005 has 400 MA's), (Start: 309 @7185 has 15 MA's), (381, 7269), (402, 7293), (513, 7455), (535, 7488), (581, 7563), (620, 7653), (631, 7677), (647, 7704), (679, 7752), (774, 7908), (809, 7968), (1001, 8193), (1009, 8202), (1021, 8214), (1080, 8256), (1100, 8277), (1117, 8304), (1193, 8412), (1279, 8502), (1365, 8607),

Gene: Blue_11 Start: 7112, Stop: 8800, Start Num: 102
Candidate Starts for Blue_11:
(Start: 102 @7112 has 400 MA's), (Start: 128 @7133 has 7 MA's), (Start: 309 @7292 has 15 MA's), (381, 7376), (408, 7412), (424, 7439), (513, 7562), (535, 7595), (581, 7670), (620, 7760), (631, 7784), (647, 7811), (679, 7859), (728, 7928), (767, 8003), (774, 8015), (809, 8075), (1001, 8300), (1009, 8309), (1021, 8321), (1080, 8363), (1100, 8384), (1117, 8411), (1193, 8519), (1279, 8609), (1365, 8714),

Gene: Blue7_15 Start: 7507, Stop: 9261, Start Num: 103
Candidate Starts for Blue7_15:
(Start: 103 @7507 has 236 MA's), (241, 7639), (298, 7738), (314, 7762), (Start: 330 @7789 has 14 MA's), (362, 7825), (424, 7900), (513, 8023), (523, 8038), (538, 8062), (581, 8131), (593, 8155), (594, 8158), (620, 8221), (631, 8245), (718, 8374), (722, 8377), (780, 8488), (914, 8650), (983, 8737), (992, 8749), (999, 8761), (1064, 8809), (1080, 8824), (1113, 8863), (1129, 8884), (1182, 8968), (1193, 8980), (1405, 9217), (1433, 9244), (1435, 9247),

Gene: BlueBird_12 Start: 6496, Stop: 8193, Start Num: 102
Candidate Starts for BlueBird_12:
(Start: 102 @6496 has 400 MA's), (Start: 124 @6520 has 46 MA's), (168, 6568), (381, 6766), (424, 6829), (508, 6940), (513, 6952), (538, 6991), (550, 7003), (581, 7060), (593, 7084), (620, 7150), (623, 7159), (675, 7240), (690, 7267), (774, 7405), (825, 7492), (848, 7525), (923, 7591), (983, 7666), (999, 7690), (1001, 7693), (1006, 7699), (1015, 7708), (1064, 7741), (1080, 7756), (1129, 7816), (1193, 7912), (1236, 7957), (1241, 7966), (1374, 8119), (1405, 8149), (1435, 8179), (1438, 8182),

Gene: BlueCrab_2 Start: 571, Stop: 2208, Start Num: 155
Candidate Starts for BlueCrab_2:
(Start: 155 @571 has 202 MA's), (163, 580), (Start: 176 @595 has 3 MA's), (Start: 247 @652 has 171 MA's), (Start: 250 @655 has 144 MA's), (Start: 318 @718 has 1 MA's), (353, 757), (412, 844), (454, 904), (473, 916), (484, 928), (487, 937), (488, 940), (496, 961), (508, 982), (548, 1054), (575, 1093), (602, 1162), (604, 1168), (621, 1198), (622, 1201), (627, 1210), (635, 1225), (647, 1243), (680, 1294), (736, 1387), (740, 1396), (862, 1567), (874, 1579), (983, 1663), (1005, 1693), (1007, 1696), (1010, 1699), (1080, 1756), (1097, 1771), (1101, 1777), (1104, 1780), (1113, 1795), (1117, 1804), (1164, 1873), (1190, 1903), (1196, 1912), (1225, 1945), (1250, 1978), (1265, 2005), (1297, 2038), (1325, 2068), (1349, 2089), (1365, 2113), (1372, 2122), (1374, 2125), (1429, 2182),

Gene: Blueberry_2 Start: 361, Stop: 1959, Start Num: 173
Candidate Starts for Blueberry_2:

(Start: 119 @334 has 2 MA's), (Start: 173 @361 has 36 MA's), (289, 475), (293, 484), (Start: 318 @517 has 1 MA's), (Start: 333 @535 has 4 MA's), (342, 550), (384, 571), (399, 592), (426, 646), (431, 655), (465, 691), (483, 727), (487, 739), (513, 781), (515, 784), (648, 1003), (661, 1018), (675, 1033), (677, 1036), (745, 1111), (778, 1162), (919, 1318), (946, 1339), (949, 1342), (1002, 1429), (1015, 1441), (1057, 1474), (1060, 1477), (1107, 1516), (1111, 1522), (1112, 1525), (1172, 1594), (1174, 1597), (1224, 1657), (1226, 1660), (1234, 1669), (1317, 1738), (1326, 1753), (1466, 1942),

Gene: Bluefalcon_8 Start: 6239, Stop: 8017, Start Num: 54
Candidate Starts for Bluefalcon_8:
(Start: 54 @6239 has 19 MA's), (Start: 67 @6266 has 32 MA's), (Start: 115 @6335 has 1 MA's), (Start: 237 @6449 has 1 MA's), (241, 6455), (362, 6587), (424, 6662), (425, 6665), (551, 6839), (567, 6863), (620, 6971), (641, 7016), (690, 7094), (693, 7100), (696, 7103), (793, 7265), (798, 7271), (812, 7298), (825, 7319), (983, 7493), (999, 7517), (1001, 7520), (1006, 7526), (1080, 7580), (1088, 7592), (1113, 7619), (1129, 7640), (1163, 7694), (1182, 7724), (1193, 7736), (1405, 7973), (1438, 8006), (1443, 8012),

Gene: BluerMoon_17 Start: 10505, Stop: 12250, Start Num: 307
Candidate Starts for BluerMoon_17:
(Start: 307 @10505 has 198 MA's), (310, 10511), (363, 10598), (367, 10604), (387, 10640), (417, 10694), (469, 10796), (502, 10871), (523, 10913), (556, 10979), (572, 11000), (599, 11069), (644, 11171), (680, 11228), (709, 11285), (722, 11297), (750, 11357), (805, 11456), (808, 11462), (841, 11519), (892, 11585), (1050, 11771), (1053, 11780), (1111, 11846), (1120, 11867), (1123, 11870), (1249, 12050), (1288, 12095), (1290, 12098), (1299, 12110), (1370, 12200), (1372, 12203),

Gene: Bluvara_2 Start: 522, Stop: 2081, Start Num: 152
Candidate Starts for Bluvara_2:
(Start: 152 @522 has 15 MA's), (Start: 232 @612 has 1 MA's), (Start: 305 @699 has 33 MA's), (345, 756), (381, 819), (463, 936), (468, 945), (499, 1017), (527, 1053), (598, 1161), (606, 1173), (607, 1176), (634, 1215), (643, 1233), (788, 1380), (817, 1422), (891, 1506), (908, 1527), (965, 1590), (1038, 1668), (1041, 1671), (1049, 1683), (1172, 1818), (1174, 1821), (1235, 1884), (1237, 1887), (1277, 1920), (1351, 2001), (1380, 2034),

Gene: Bob3_10 Start: 6561, Stop: 8249, Start Num: 102
Candidate Starts for Bob3_10:
(Start: 102 @6561 has 400 MA's), (381, 6825), (402, 6849), (513, 7011), (535, 7044), (581, 7119), (620, 7209), (631, 7233), (647, 7260), (679, 7308), (774, 7464), (809, 7524), (1001, 7749), (1009, 7758), (1021, 7770), (1080, 7812), (1100, 7833), (1117, 7860), (1193, 7968), (1279, 8058), (1365, 8163),

Gene: BobSwaget_15 Start: 9121, Stop: 10902, Start Num: 103
Candidate Starts for BobSwaget_15:
(41, 9001), (82, 9094), (Start: 103 @9121 has 236 MA's), (241, 9253), (282, 9328), (298, 9352), (Start: 330 @9403 has 14 MA's), (512, 9634), (513, 9637), (538, 9676), (581, 9745), (620, 9835), (631, 9859), (693, 9958), (718, 9988), (722, 9991), (1064, 10450), (1080, 10465), (1088, 10477), (1113, 10504), (1129, 10525), (1193, 10621), (1405, 10858), (1433, 10885), (1435, 10888),

Gene: BobaPhett_2 Start: 653, Stop: 2209, Start Num: 247
Candidate Starts for BobaPhett_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 217 @629 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (454, 905), (473, 917), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (736, 1388), (740, 1397), (862, 1568), (874, 1580), (983, 1664),

(1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1250, 1979), (1265, 2006), (1297, 2039), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: Bobburn_2 Start: 416, Stop: 1825, Start Num: 263
Candidate Starts for Bobburn_2:
(Start: 171 @305 has 16 MA's), (199, 335), (229, 371), (Start: 237 @380 has 1 MA's), (Start: 252 @398 has 5 MA's), (263, 416), (Start: 333 @512 has 4 MA's), (Start: 336 @521 has 12 MA's), (Start: 397 @566 has 4 MA's), (418, 605), (444, 638), (487, 707), (585, 860), (625, 947), (626, 950), (707, 1061), (922, 1319), (955, 1352), (1004, 1424), (1025, 1445), (1039, 1457), (1149, 1565), (1152, 1571), (1156, 1580), (1387, 1805),

Gene: Bobby_11 Start: 3839, Stop: 5371, Start Num: 233
Candidate Starts for Bobby_11:
(Start: 198 @3797 has 4 MA's), (Start: 205 @3806 has 1 MA's), (Start: 233 @3839 has 12 MA's), (331, 3953), (380, 4016), (Start: 403 @4049 has 1 MA's), (426, 4097), (484, 4172), (500, 4208), (566, 4283), (568, 4286), (583, 4322), (599, 4355), (766, 4604), (808, 4667), (822, 4694), (960, 4853), (975, 4889), (993, 4910), (1005, 4919), (1015, 4928), (1082, 4982), (1112, 5006), (1181, 5087), (1349, 5240), (1358, 5252),

Gene: BobbyDazzler_8 Start: 3413, Stop: 4909, Start Num: 309
Candidate Starts for BobbyDazzler_8:
(Start: 107 @3227 has 35 MA's), (Start: 309 @3413 has 15 MA's), (362, 3485), (381, 3497), (402, 3521), (408, 3533), (523, 3701), (567, 3761), (593, 3818), (594, 3821), (620, 3869), (770, 4124), (780, 4142), (812, 4196), (956, 4340), (983, 4382), (1006, 4415), (1088, 4484), (1193, 4628), (1236, 4673), (1292, 4733), (1372, 4832), (1405, 4865), (1433, 4892), (1435, 4895), (1438, 4898),

Gene: Bobquesha_9 Start: 2502, Stop: 3842, Start Num: 336
Candidate Starts for Bobquesha_9:
(Start: 247 @2397 has 171 MA's), (Start: 336 @2502 has 12 MA's), (381, 2571), (391, 2586), (402, 2595), (424, 2640), (425, 2643), (430, 2652), (434, 2658), (447, 2667), (453, 2679), (463, 2685), (487, 2736), (493, 2754), (517, 2784), (591, 2889), (607, 2931), (611, 2940), (613, 2943), (675, 3021), (679, 3030), (792, 3135), (816, 3177), (820, 3183), (851, 3225), (962, 3342), (992, 3384), (1042, 3429), (1111, 3498), (1150, 3543), (1160, 3564), (1187, 3588), (1277, 3672), (1353, 3765), (1425, 3831), (1431, 3837),

Gene: BobsGarage_4 Start: 1069, Stop: 2637, Start Num: 138
Candidate Starts for BobsGarage_4:
(Start: 138 @1069 has 120 MA's), (Start: 142 @1075 has 6 MA's), (Start: 284 @1231 has 1 MA's), (512, 1528), (515, 1534), (556, 1594), (591, 1666), (594, 1672), (602, 1693), (675, 1792), (710, 1840), (762, 1894), (776, 1918), (807, 1963), (809, 1969), (827, 1999), (832, 2005), (855, 2032), (863, 2041), (942, 2098), (946, 2104), (959, 2125), (962, 2131), (1020, 2206), (1023, 2209), (1060, 2245), (1116, 2290), (1172, 2356), (1234, 2431), (1266, 2449), (1278, 2458), (1420, 2605), (1448, 2629), (1450, 2632),

Gene: Bock_6 Start: 1981, Stop: 3411, Start Num: 317
Candidate Starts for Bock_6:
(Start: 176 @1813 has 3 MA's), (Start: 179 @1816 has 1 MA's), (182, 1819), (188, 1825), (Start: 317 @1981 has 15 MA's), (Start: 330 @1999 has 14 MA's), (431, 2122), (459, 2140), (481, 2179), (484, 2188), (536, 2272), (594, 2356), (600, 2371), (613, 2404), (659, 2470), (712, 2539), (752, 2602), (797, 2668), (893, 2791), (903, 2803), (954, 2851), (973, 2893), (1023, 2944), (1111, 3019), (1112, 3022), (1139, 3049), (1187, 3109), (1213, 3142), (1226, 3157), (1278, 3193), (1317, 3235), (1336, 3262),

(1371, 3298), (1377, 3304), (1409, 3343),

Gene: BodEinwohner17_2 Start: 571, Stop: 2208, Start Num: 155
Candidate Starts for BodEinwohner17_2:
(Start: 155 @571 has 202 MA's), (163, 580), (Start: 176 @595 has 3 MA's), (Start: 247 @652 has 171 MA's), (Start: 250 @655 has 144 MA's), (Start: 318 @718 has 1 MA's), (353, 757), (412, 844), (454, 904), (473, 916), (484, 928), (487, 937), (488, 940), (496, 961), (508, 982), (548, 1054), (575, 1093), (602, 1162), (604, 1168), (621, 1198), (622, 1201), (627, 1210), (635, 1225), (647, 1243), (680, 1294), (736, 1387), (740, 1396), (862, 1567), (874, 1579), (983, 1663), (1005, 1693), (1007, 1696), (1010, 1699), (1080, 1756), (1097, 1771), (1101, 1777), (1104, 1780), (1113, 1795), (1117, 1804), (1164, 1873), (1190, 1903), (1196, 1912), (1225, 1945), (1250, 1978), (1265, 2005), (1297, 2038), (1325, 2068), (1349, 2089), (1365, 2113), (1372, 2122), (1374, 2125), (1429, 2182),

Gene: Bodacious_2 Start: 426, Stop: 1991, Start Num: 165
Candidate Starts for Bodacious_2:
(Start: 165 @426 has 76 MA's), (270, 549), (310, 603), (Start: 333 @636 has 4 MA's), (334, 639), (Start: 397 @690 has 4 MA's), (Start: 403 @699 has 1 MA's), (419, 732), (426, 747), (431, 756), (463, 780), (557, 942), (620, 1077), (630, 1098), (650, 1137), (770, 1236), (790, 1266), (803, 1281), (818, 1314), (852, 1362), (861, 1371), (941, 1449), (961, 1485), (983, 1524), (1020, 1566), (1046, 1593), (1105, 1647), (1133, 1689), (1197, 1734), (1212, 1755), (1232, 1779), (1328, 1857),

Gene: Bodhi17_3 Start: 1071, Stop: 2531, Start Num: 250
Candidate Starts for Bodhi17_3:
(Start: 250 @1071 has 144 MA's), (Start: 254 @1077 has 2 MA's), (358, 1239), (363, 1248), (399, 1308), (444, 1377), (465, 1398), (488, 1449), (619, 1653), (637, 1677), (755, 1788), (806, 1866), (817, 1881), (842, 1917), (880, 1959), (911, 1992), (926, 2010), (1015, 2130), (1020, 2133), (1039, 2145), (1113, 2220), (1172, 2283), (1187, 2301), (1190, 2304), (1330, 2466), (1337, 2475), (1372, 2523),

Gene: Bogg_9 Start: 2177, Stop: 3847, Start Num: 394
Candidate Starts for Bogg_9:
(Start: 394 @2177 has 48 MA's), (427, 2240), (551, 2474), (598, 2576), (693, 2756), (710, 2780), (724, 2798), (732, 2810), (768, 2873), (776, 2885), (808, 2930), (815, 2945), (873, 3023), (911, 3068), (934, 3122), (935, 3128), (1000, 3242), (1104, 3386), (1124, 3422), (1218, 3575), (1232, 3587), (1279, 3644), (1307, 3680), (1346, 3731), (1372, 3767), (1374, 3770), (1438, 3836),

Gene: Bogie_2 Start: 401, Stop: 2077, Start Num: 138
Candidate Starts for Bogie_2:
(Start: 138 @401 has 120 MA's), (Start: 318 @617 has 1 MA's), (349, 656), (380, 713), (384, 719), (396, 737), (421, 782), (426, 794), (431, 803), (444, 809), (483, 866), (490, 887), (495, 899), (558, 989), (659, 1178), (745, 1274), (778, 1325), (919, 1478), (1107, 1676), (1112, 1685), (1139, 1712), (1172, 1754), (1187, 1772), (1278, 1856), (1290, 1871), (1463, 2060),

Gene: BogosyJay_13 Start: 7900, Stop: 9687, Start Num: 103
Candidate Starts for BogosyJay_13:
(Start: 103 @7900 has 236 MA's), (Start: 117 @7915 has 10 MA's), (241, 8032), (298, 8131), (424, 8293), (487, 8365), (513, 8419), (538, 8458), (581, 8530), (620, 8620), (631, 8644), (704, 8761), (722, 8776), (778, 8884), (823, 8959), (898, 9055), (928, 9091), (992, 9175), (1006, 9196), (1064, 9235), (1113, 9289), (1129, 9310), (1182, 9394), (1193, 9406), (1281, 9499), (1295, 9514), (1405, 9643), (1433, 9670), (1435, 9673),

Gene: Boiiii_8 Start: 1637, Stop: 3058, Start Num: 247
Candidate Starts for Boiiii_8:

(Start: 165 @1565 has 76 MA's), (Start: 230 @1625 has 31 MA's), (Start: 247 @1637 has 171 MA's), (Start: 336 @1748 has 12 MA's), (342, 1754), (391, 1832), (402, 1841), (425, 1889), (444, 1907), (487, 1976), (514, 2018), (517, 2024), (532, 2051), (533, 2054), (607, 2171), (611, 2180), (675, 2261), (792, 2375), (820, 2423), (827, 2435), (851, 2465), (870, 2489), (880, 2501), (959, 2579), (962, 2585), (1112, 2729), (1146, 2762), (1187, 2816), (1353, 2993), (1425, 3047),

Gene: Boilgate_5 Start: 1550, Stop: 2998, Start Num: 247
Candidate Starts for Boilgate_5:
(Start: 176 @1493 has 3 MA's), (Start: 208 @1523 has 5 MA's), (Start: 247 @1550 has 171 MA's), (Start: 336 @1655 has 12 MA's), (381, 1724), (391, 1739), (402, 1748), (424, 1793), (425, 1796), (430, 1805), (434, 1811), (447, 1820), (453, 1832), (463, 1838), (487, 1889), (493, 1907), (517, 1937), (521, 1943), (588, 2036), (591, 2042), (602, 2069), (611, 2093), (613, 2096), (675, 2174), (679, 2183), (680, 2186), (748, 2231), (784, 2276), (792, 2288), (816, 2330), (820, 2336), (827, 2348), (851, 2378), (880, 2414), (893, 2429), (962, 2495), (992, 2537), (1111, 2654), (1157, 2714), (1187, 2744), (1235, 2792), (1277, 2828), (1353, 2921), (1358, 2927), (1425, 2987),

Gene: Bombshell_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Bombshell_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: BonaeVitae_3 Start: 778, Stop: 2235, Start Num: 250
Candidate Starts for BonaeVitae_3:
(Start: 250 @778 has 144 MA's), (358, 943), (444, 1081), (465, 1102), (483, 1138), (488, 1153), (591, 1294), (619, 1357), (637, 1381), (842, 1621), (880, 1663), (911, 1696), (926, 1714), (1015, 1834), (1039, 1849), (1076, 1885), (1113, 1924), (1172, 1987), (1190, 2008), (1330, 2170), (1344, 2188),

Gene: Bonamassa_9 Start: 6188, Stop: 7939, Start Num: 67
Candidate Starts for Bonamassa_9:
(Start: 54 @6161 has 19 MA's), (Start: 67 @6188 has 32 MA's), (Start: 115 @6257 has 1 MA's), (Start: 237 @6371 has 1 MA's), (241, 6377), (362, 6509), (424, 6584), (425, 6587), (467, 6620), (487, 6653), (551, 6761), (567, 6785), (581, 6818), (620, 6893), (641, 6938), (690, 7016), (693, 7022), (812, 7220), (825, 7241), (983, 7415), (999, 7439), (1001, 7442), (1080, 7502), (1088, 7514), (1113, 7541), (1129, 7562), (1182, 7646), (1193, 7658), (1405, 7895), (1438, 7928), (1443, 7934),

Gene: Bonanza_8 Start: 3156, Stop: 4838, Start Num: 107
Candidate Starts for Bonanza_8:
(Start: 107 @3156 has 35 MA's), (Start: 309 @3342 has 15 MA's), (362, 3414), (381, 3426), (402, 3450), (408, 3462), (523, 3630), (567, 3690), (593, 3747), (594, 3750), (620, 3798), (770, 4053), (780, 4071), (812, 4125), (956, 4269), (983, 4311), (1006, 4344), (1088, 4413), (1193, 4557), (1236, 4602), (1292, 4662), (1372, 4761), (1405, 4794), (1433, 4821), (1435, 4824), (1438, 4827),

Gene: Bones_11 Start: 6756, Stop: 8444, Start Num: 102
Candidate Starts for Bones_11:
(Start: 102 @6756 has 400 MA's), (381, 7020), (402, 7044), (513, 7206), (535, 7239), (581, 7314), (620, 7404), (631, 7428), (679, 7503), (774, 7659), (778, 7668), (808, 7716), (809, 7719), (1001, 7944), (1009, 7953), (1021, 7965), (1080, 8007), (1100, 8028), (1117, 8055), (1193, 8163), (1279, 8253), (1365, 8358),

Gene: Bongo_14 Start: 4719, Stop: 6263, Start Num: 170

Candidate Starts for Bongo_14:
(Start: 170 @4719 has 103 MA's), (215, 4767), (398, 4968), (487, 5106), (606, 5298), (776, 5508), (809, 5559), (863, 5631), (959, 5694), (970, 5718), (977, 5733), (1041, 5793), (1050, 5805), (1113, 5865), (1142, 5898), (1160, 5931), (1190, 5958), (1228, 6006), (1400, 6192), (1420, 6213),

Gene: Bonum_27 Start: 12526, Stop: 14256, Start Num: 155
Candidate Starts for Bonum_27:
(Start: 155 @12526 has 202 MA's), (Start: 161 @12532 has 29 MA's), (Start: 317 @12676 has 15 MA's), (351, 12727), (353, 12733), (372, 12760), (379, 12772), (Start: 403 @12802 has 1 MA's), (414, 12826), (424, 12844), (621, 13237), (635, 13264), (740, 13432), (748, 13444), (768, 13477), (824, 13555), (1034, 13771), (1054, 13801), (1104, 13852), (1136, 13900), (1196, 13975), (1203, 13987), (1237, 14023), (1365, 14161), (1387, 14191),

Gene: Boog_8 Start: 3619, Stop: 5367, Start Num: 307
Candidate Starts for Boog_8:
(Start: 295 @3601 has 6 MA's), (Start: 307 @3619 has 198 MA's), (363, 3712), (367, 3718), (401, 3775), (433, 3838), (516, 4015), (556, 4093), (572, 4114), (611, 4216), (644, 4285), (750, 4471), (791, 4546), (805, 4570), (872, 4675), (892, 4699), (956, 4783), (1053, 4897), (1071, 4915), (1120, 4984), (1123, 4987), (1156, 5038), (1190, 5080), (1249, 5167), (1274, 5194), (1290, 5215), (1299, 5227), (1315, 5245), (1370, 5317), (1372, 5320),

Gene: Boohoo_14 Start: 6686, Stop: 8383, Start Num: 103
Candidate Starts for Boohoo_14:
(Start: 103 @6686 has 236 MA's), (120, 6704), (302, 6866), (424, 7022), (487, 7091), (513, 7145), (581, 7253), (594, 7280), (620, 7343), (631, 7367), (999, 7883), (1080, 7946), (1115, 7988), (1193, 8102), (1292, 8207), (1405, 8339), (1433, 8366), (1435, 8369), (1438, 8372),

Gene: BoomRoasted_3 Start: 1125, Stop: 2585, Start Num: 250
Candidate Starts for BoomRoasted_3:
(Start: 250 @1125 has 144 MA's), (Start: 254 @1131 has 2 MA's), (358, 1293), (363, 1302), (399, 1362), (444, 1431), (465, 1452), (488, 1503), (619, 1707), (755, 1842), (806, 1920), (817, 1935), (842, 1971), (880, 2013), (911, 2046), (926, 2064), (1015, 2184), (1020, 2187), (1039, 2199), (1113, 2274), (1172, 2337), (1187, 2355), (1190, 2358), (1330, 2520), (1337, 2529), (1344, 2538), (1372, 2577),

Gene: BoostSeason_4 Start: 652, Stop: 2073, Start Num: 247
Candidate Starts for BoostSeason_4:
(156, 574), (Start: 165 @586 has 76 MA's), (Start: 176 @595 has 3 MA's), (Start: 247 @652 has 171 MA's), (310, 712), (Start: 322 @733 has 1 MA's), (Start: 336 @754 has 12 MA's), (391, 838), (402, 847), (425, 895), (463, 931), (487, 982), (514, 1024), (517, 1030), (532, 1057), (607, 1177), (611, 1186), (613, 1189), (675, 1267), (679, 1276), (680, 1279), (792, 1381), (820, 1429), (827, 1441), (851, 1471), (870, 1495), (882, 1510), (962, 1588), (992, 1630), (1042, 1660), (1111, 1729), (1129, 1744), (1160, 1795), (1187, 1819), (1235, 1867), (1348, 1990), (1353, 1996), (1425, 2062),

Gene: Bora_28 Start: 12903, Stop: 14414, Start Num: 184
Candidate Starts for Bora_28:
(Start: 181 @12900 has 17 MA's), (Start: 184 @12903 has 14 MA's), (Start: 322 @13083 has 1 MA's), (381, 13176), (424, 13251), (451, 13284), (474, 13311), (487, 13341), (591, 13494), (594, 13500), (607, 13536), (611, 13545), (675, 13626), (679, 13635), (680, 13638), (744, 13677), (788, 13734), (809, 13770), (810, 13773), (957, 13929), (962, 13938), (1025, 14007), (1042, 14016), (1046, 14022), (1080, 14055), (1112, 14091), (1187, 14178), (1203, 14199), (1277, 14262), (1283, 14265), (1286, 14268), (1299, 14286), (1317, 14307), (1353, 14349), (1380, 14382), (1386, 14385), (1415, 14397),

Gene: Bosection6_2 Start: 501, Stop: 2036, Start Num: 227

Candidate Starts for Bosection6_2:
(Start: 227 @501 has 25 MA's), (Start: 230 @504 has 31 MA's), (246, 516), (Start: 249 @519 has 1 MA's), (292, 576), (Start: 307 @594 has 198 MA's), (316, 606), (390, 678), (Start: 403 @696 has 1 MA's), (412, 714), (422, 735), (474, 798), (490, 837), (507, 870), (539, 918), (583, 1002), (593, 1017), (613, 1068), (618, 1077), (637, 1101), (659, 1140), (661, 1143), (677, 1155), (747, 1281), (766, 1305), (808, 1368), (878, 1452), (950, 1524), (962, 1548), (981, 1590), (987, 1599), (1043, 1656), (1080, 1695), (1136, 1752), (1146, 1758), (1152, 1761), (1187, 1782), (1226, 1830), (1278, 1866), (1349, 1947), (1353, 1953),

Gene: Bosnia_2 Start: 498, Stop: 2222, Start Num: 305
Candidate Starts for Bosnia_2:
(Start: 295 @483 has 6 MA's), (Start: 305 @498 has 33 MA's), (373, 588), (499, 804), (510, 828), (513, 834), (526, 858), (555, 915), (590, 987), (696, 1185), (728, 1227), (732, 1233), (782, 1317), (807, 1344), (885, 1455), (908, 1482), (1013, 1659), (1191, 1932), (1194, 1935), (1197, 1941), (1212, 1962), (1245, 2001), (1281, 2049), (1289, 2058), (1307, 2082), (1332, 2100), (1374, 2157), (1439, 2214),

Gene: Bouchard_7 Start: 3521, Stop: 5263, Start Num: 307
Candidate Starts for Bouchard_7:
(Start: 303 @3515 has 2 MA's), (Start: 307 @3521 has 198 MA's), (367, 3620), (433, 3740), (485, 3839), (516, 3911), (556, 3989), (572, 4010), (611, 4112), (644, 4181), (663, 4214), (750, 4367), (791, 4442), (805, 4466), (872, 4571), (892, 4595), (956, 4676), (1053, 4793), (1071, 4811), (1076, 4817), (1111, 4859), (1120, 4880), (1123, 4883), (1249, 5063), (1273, 5087), (1290, 5111), (1299, 5123), (1315, 5141), (1370, 5213), (1372, 5216),

Gene: BourbonZero_4 Start: 1191, Stop: 2756, Start Num: 138
Candidate Starts for BourbonZero_4:
(97, 1140), (Start: 105 @1149 has 85 MA's), (Start: 138 @1191 has 120 MA's), (Start: 142 @1197 has 6 MA's), (293, 1368), (Start: 318 @1401 has 1 MA's), (396, 1473), (402, 1479), (405, 1485), (506, 1641), (512, 1650), (513, 1653), (515, 1656), (566, 1731), (591, 1785), (593, 1788), (594, 1791), (762, 2013), (766, 2022), (813, 2097), (827, 2118), (832, 2124), (855, 2151), (900, 2193), (942, 2217), (954, 2235), (959, 2244), (962, 2250), (1060, 2364), (1113, 2403), (1116, 2409), (1172, 2475), (1216, 2529), (1263, 2565), (1278, 2577), (1329, 2616), (1400, 2703), (1448, 2748), (1450, 2751),

Gene: Bovely_6 Start: 2408, Stop: 4054, Start Num: 95
Candidate Starts for Bovely_6:
(Start: 95 @2408 has 98 MA's), (Start: 113 @2426 has 11 MA's), (Start: 330 @2630 has 14 MA's), (407, 2711), (504, 2846), (515, 2867), (575, 2954), (603, 3026), (620, 3050), (680, 3149), (722, 3203), (803, 3302), (838, 3362), (992, 3524), (997, 3533), (1088, 3623), (1113, 3650), (1164, 3728), (1165, 3731), (1193, 3770), (1214, 3791), (1219, 3797), (1236, 3815), (1325, 3911), (1372, 3971),

Gene: Bowden_7 Start: 2249, Stop: 3895, Start Num: 95
Candidate Starts for Bowden_7:
(Start: 95 @2249 has 98 MA's), (381, 2519), (402, 2543), (407, 2552), (485, 2645), (490, 2660), (504, 2687), (515, 2708), (575, 2795), (603, 2867), (620, 2891), (680, 2990), (701, 3026), (768, 3131), (813, 3167), (838, 3203), (851, 3221), (981, 3350), (983, 3353), (992, 3365), (997, 3374), (1004, 3383), (1088, 3464), (1113, 3491), (1133, 3518), (1165, 3572), (1193, 3611), (1214, 3632), (1236, 3656), (1250, 3680), (1292, 3716), (1372, 3812), (1445, 3890),

Gene: Bowling_8 Start: 3847, Stop: 5601, Start Num: 307
Candidate Starts for Bowling_8:
(279, 3793), (Start: 303 @3841 has 2 MA's), (Start: 307 @3847 has 198 MA's), (363, 3940), (367, 3946), (469, 4138), (502, 4213), (516, 4243), (532, 4273), (556, 4321), (570, 4339), (572, 4342), (589, 4384), (644, 4513), (750, 4699), (805, 4798), (847, 4870), (892, 4927), (950, 5005), (956, 5017), (1053,

5131), (1071, 5149), (1109, 5194), (1120, 5218), (1123, 5221), (1150, 5260), (1249, 5401), (1288, 5446), (1290, 5449), (1299, 5461), (1336, 5509), (1363, 5542), (1370, 5551), (1372, 5554),

Gene: Bowser_2 Start: 522, Stop: 2105, Start Num: 185
Candidate Starts for Bowser_2:
(154, 489), (163, 498), (Start: 185 @522 has 14 MA's), (276, 624), (465, 840), (487, 888), (512, 930), (522, 948), (532, 960), (593, 1050), (648, 1155), (745, 1299), (778, 1350), (912, 1506), (959, 1554), (970, 1578), (1055, 1665), (1149, 1755), (1172, 1785), (1187, 1803), (1260, 1872), (1278, 1887), (1288, 1899), (1297, 1911), (1358, 1980),

Gene: Bowtie_12 Start: 8024, Stop: 9787, Start Num: 103
Candidate Starts for Bowtie_12:
(Start: 103 @8024 has 236 MA's), (Start: 121 @8045 has 5 MA's), (Start: 217 @8132 has 1 MA's), (298, 8261), (314, 8285), (362, 8348), (487, 8492), (512, 8543), (513, 8546), (581, 8657), (593, 8681), (594, 8684), (620, 8747), (623, 8756), (631, 8771), (704, 8888), (722, 8903), (751, 8963), (803, 9047), (992, 9275), (999, 9287), (1064, 9335), (1080, 9350), (1113, 9389), (1129, 9410), (1155, 9449), (1182, 9494), (1193, 9506), (1405, 9743), (1433, 9770),

Gene: BoyNamedSue_2 Start: 498, Stop: 2222, Start Num: 305
Candidate Starts for BoyNamedSue_2:
(Start: 295 @483 has 6 MA's), (Start: 305 @498 has 33 MA's), (373, 588), (499, 804), (510, 828), (513, 834), (526, 858), (555, 915), (590, 987), (696, 1185), (728, 1227), (732, 1233), (782, 1317), (807, 1344), (885, 1455), (908, 1482), (1013, 1659), (1191, 1932), (1194, 1935), (1197, 1941), (1212, 1962), (1245, 2001), (1281, 2049), (1289, 2058), (1307, 2082), (1332, 2100), (1374, 2157), (1439, 2214),

Gene: Bradissa_2 Start: 485, Stop: 2284, Start Num: 87
Candidate Starts for Bradissa_2:
(Start: 87 @485 has 22 MA's), (Start: 207 @623 has 6 MA's), (229, 650), (354, 782), (362, 797), (430, 881), (469, 911), (477, 923), (484, 929), (485, 932), (502, 971), (513, 992), (552, 1052), (573, 1076), (602, 1148), (620, 1175), (623, 1184), (642, 1220), (696, 1310), (711, 1331), (735, 1382), (759, 1415), (825, 1490), (927, 1589), (956, 1616), (1001, 1685), (1006, 1691), (1080, 1757), (1088, 1769), (1102, 1796), (1165, 1907), (1182, 1943), (1193, 1955), (1197, 1961), (1211, 1979), (1234, 2006), (1249, 2030), (1287, 2093), (1325, 2135), (1370, 2192), (1381, 2207), (1399, 2222), (1445, 2270), (1448, 2273),

Gene: Bradley2_3 Start: 1074, Stop: 2534, Start Num: 250
Candidate Starts for Bradley2_3:
(Start: 250 @1074 has 144 MA's), (Start: 254 @1080 has 2 MA's), (326, 1188), (358, 1242), (363, 1251), (399, 1311), (444, 1380), (465, 1401), (488, 1452), (619, 1656), (806, 1869), (817, 1884), (842, 1920), (880, 1962), (911, 1995), (926, 2013), (1015, 2133), (1020, 2136), (1039, 2148), (1113, 2223), (1172, 2286), (1187, 2304), (1190, 2307), (1330, 2469), (1337, 2478), (1344, 2487), (1372, 2526),

Gene: Bradman_11 Start: 6379, Stop: 8160, Start Num: 103
Candidate Starts for Bradman_11:
(Start: 103 @6379 has 236 MA's), (Start: 251 @6523 has 3 MA's), (278, 6568), (298, 6610), (314, 6634), (362, 6697), (411, 6751), (512, 6892), (513, 6895), (538, 6934), (581, 7003), (620, 7093), (631, 7117), (718, 7246), (722, 7249), (892, 7522), (1113, 7762), (1129, 7783), (1182, 7867), (1193, 7879), (1405, 8116), (1433, 8143), (1435, 8146), (1438, 8149),

Gene: Bradshaw_8 Start: 3156, Stop: 4838, Start Num: 107
Candidate Starts for Bradshaw_8:
(Start: 107 @3156 has 35 MA's), (Start: 309 @3342 has 15 MA's), (362, 3414), (381, 3426), (402, 3450), (408, 3462), (513, 3615), (523, 3630), (567, 3690), (620, 3798), (647, 3855), (770, 4053), (780,

4071), (812, 4125), (956, 4269), (981, 4308), (983, 4311), (1006, 4344), (1088, 4413), (1193, 4557), (1236, 4602), (1292, 4662), (1372, 4761), (1405, 4794), (1433, 4821), (1435, 4824), (1438, 4827),

Gene: Brahms_2 Start: 593, Stop: 2155, Start Num: 225
Candidate Starts for Brahms_2:
(Start: 225 @593 has 84 MA's), (Start: 307 @701 has 198 MA's), (339, 749), (431, 857), (444, 863), (459, 872), (461, 878), (463, 881), (515, 977), (569, 1040), (620, 1154), (650, 1214), (662, 1232), (822, 1460), (865, 1505), (973, 1643), (1290, 1970), (1453, 2144), (1457, 2147),

Gene: BrainDrainer_4 Start: 771, Stop: 2333, Start Num: 138
Candidate Starts for BrainDrainer_4:
(Start: 138 @771 has 120 MA's), (Start: 142 @777 has 6 MA's), (Start: 284 @927 has 1 MA's), (Start: 333 @993 has 4 MA's), (357, 1023), (396, 1047), (407, 1062), (426, 1104), (515, 1230), (594, 1368), (602, 1389), (611, 1413), (675, 1488), (710, 1536), (776, 1614), (791, 1635), (807, 1659), (809, 1665), (827, 1695), (832, 1701), (863, 1737), (962, 1827), (1050, 1932), (1060, 1941), (1104, 1965), (1116, 1986), (1172, 2052), (1278, 2154), (1394, 2274), (1400, 2280), (1420, 2301), (1448, 2325),

Gene: Bran_2 Start: 373, Stop: 1959, Start Num: 218
Candidate Starts for Bran_2:
(Start: 218 @373 has 8 MA's), (Start: 220 @376 has 6 MA's), (Start: 225 @382 has 84 MA's), (270, 442), (350, 553), (Start: 397 @631 has 4 MA's), (Start: 403 @640 has 1 MA's), (513, 814), (587, 916), (593, 925), (595, 931), (598, 940), (623, 1000), (648, 1048), (650, 1051), (748, 1114), (809, 1207), (983, 1429), (998, 1447), (1080, 1534), (1114, 1570), (1122, 1585), (1142, 1612), (1146, 1615), (1154, 1630), (1156, 1636), (1183, 1663), (1197, 1678), (1235, 1726), (1291, 1774), (1350, 1849), (1411, 1924), (1448, 1948),

Gene: Brataylor_7 Start: 2379, Stop: 4025, Start Num: 95
Candidate Starts for Brataylor_7:
(Start: 95 @2379 has 98 MA's), (Start: 113 @2397 has 11 MA's), (Start: 330 @2601 has 14 MA's), (362, 2637), (504, 2817), (515, 2838), (548, 2883), (575, 2925), (603, 2997), (620, 3021), (680, 3120), (690, 3135), (704, 3159), (712, 3165), (838, 3333), (983, 3483), (997, 3504), (1006, 3516), (1088, 3594), (1165, 3702), (1193, 3741), (1214, 3762), (1219, 3768), (1236, 3786), (1372, 3942),

Gene: Braxoaddie_28 Start: 14026, Stop: 15699, Start Num: 155
Candidate Starts for Braxoaddie_28:
(Start: 155 @14026 has 202 MA's), (Start: 317 @14170 has 15 MA's), (351, 14221), (379, 14266), (473, 14395), (487, 14416), (496, 14440), (510, 14467), (531, 14500), (571, 14566), (591, 14614), (621, 14677), (635, 14704), (740, 14872), (748, 14884), (824, 14995), (858, 15046), (985, 15145), (1054, 15244), (1064, 15256), (1088, 15283), (1104, 15295), (1113, 15310), (1163, 15385), (1196, 15418), (1225, 15451), (1297, 15535), (1315, 15556), (1365, 15604), (1434, 15679),

Gene: BrayBeast_2 Start: 311, Stop: 1759, Start Num: 235
Candidate Starts for BrayBeast_2:
(109, 170), (112, 173), (120, 185), (Start: 179 @257 has 1 MA's), (Start: 235 @311 has 7 MA's), (Start: 297 @371 has 6 MA's), (310, 392), (Start: 322 @413 has 1 MA's), (347, 446), (365, 482), (Start: 397 @527 has 4 MA's), (399, 530), (418, 566), (425, 581), (451, 611), (474, 638), (517, 716), (611, 872), (613, 875), (690, 980), (813, 1106), (820, 1115), (956, 1256), (959, 1262), (962, 1268), (1005, 1328), (1010, 1334), (1077, 1373), (1099, 1400), (1107, 1409), (1178, 1487), (1195, 1505), (1245, 1562), (1358, 1682), (1376, 1703), (1425, 1748),

Gene: BreSam8_13 Start: 6950, Stop: 8650, Start Num: 105
Candidate Starts for BreSam8_13:

(Start: 105 @6950 has 85 MA's), (Start: 145 @6998 has 1 MA's), (302, 7133), (467, 7325), (513, 7412), (620, 7610), (675, 7700), (718, 7763), (809, 7925), (983, 8123), (999, 8147), (1001, 8150), (1080, 8213), (1100, 8234), (1129, 8273), (1193, 8369), (1241, 8423), (1279, 8459), (1405, 8606), (1435, 8636), (1438, 8639),

Gene: Breezona_4 Start: 1069, Stop: 2637, Start Num: 138
Candidate Starts for Breezona_4:
(Start: 138 @1069 has 120 MA's), (Start: 142 @1075 has 6 MA's), (Start: 284 @1231 has 1 MA's), (512, 1528), (515, 1534), (556, 1594), (591, 1666), (594, 1672), (602, 1693), (675, 1792), (710, 1840), (762, 1894), (776, 1918), (807, 1963), (809, 1969), (827, 1999), (832, 2005), (855, 2032), (863, 2041), (942, 2098), (946, 2104), (959, 2125), (962, 2131), (1020, 2206), (1023, 2209), (1060, 2245), (1116, 2290), (1172, 2356), (1234, 2431), (1266, 2449), (1278, 2458), (1420, 2605), (1448, 2629), (1450, 2632),

Gene: Breylor17_7 Start: 3719, Stop: 5458, Start Num: 307
Candidate Starts for Breylor17_7:
(Start: 307 @3719 has 198 MA's), (367, 3818), (433, 3938), (485, 4037), (502, 4079), (516, 4109), (532, 4139), (556, 4187), (572, 4208), (611, 4310), (644, 4379), (656, 4403), (709, 4493), (750, 4565), (791, 4640), (805, 4664), (892, 4793), (956, 4874), (1053, 4988), (1071, 5006), (1076, 5012), (1120, 5075), (1123, 5078), (1252, 5267), (1273, 5282), (1276, 5288), (1290, 5306), (1299, 5318), (1370, 5408), (1372, 5411),

Gene: Bri160_3 Start: 1125, Stop: 2585, Start Num: 250
Candidate Starts for Bri160_3:
(Start: 250 @1125 has 144 MA's), (Start: 254 @1131 has 2 MA's), (358, 1293), (363, 1302), (399, 1362), (444, 1431), (465, 1452), (488, 1503), (619, 1707), (755, 1842), (806, 1920), (817, 1935), (842, 1971), (880, 2013), (911, 2046), (926, 2064), (1015, 2184), (1020, 2187), (1039, 2199), (1113, 2274), (1172, 2337), (1187, 2355), (1190, 2358), (1330, 2520), (1337, 2529), (1344, 2538), (1372, 2577),

Gene: Bricole_14 Start: 4718, Stop: 6262, Start Num: 170
Candidate Starts for Bricole_14:
(Start: 170 @4718 has 103 MA's), (215, 4766), (331, 4907), (398, 4967), (487, 5105), (606, 5297), (776, 5507), (809, 5558), (863, 5630), (959, 5693), (970, 5717), (977, 5732), (1041, 5792), (1050, 5804), (1113, 5864), (1142, 5897), (1160, 5930), (1190, 5957), (1228, 6005), (1400, 6191), (1420, 6212),

Gene: Bridgette_2 Start: 625, Stop: 2373, Start Num: 330
Candidate Starts for Bridgette_2:
(294, 574), (311, 601), (Start: 330 @625 has 14 MA's), (388, 718), (469, 859), (473, 865), (486, 898), (487, 901), (493, 919), (513, 961), (566, 1063), (576, 1075), (590, 1114), (598, 1135), (611, 1168), (641, 1222), (656, 1255), (660, 1261), (766, 1420), (774, 1435), (807, 1474), (873, 1570), (986, 1747), (994, 1762), (1011, 1786), (1135, 1969), (1147, 1996), (1158, 2020), (1165, 2038), (1187, 2068), (1232, 2125), (1253, 2152), (1281, 2176), (1289, 2185), (1332, 2236), (1372, 2290),

Gene: BritBrat_2 Start: 485, Stop: 2284, Start Num: 87
Candidate Starts for BritBrat_2:
(Start: 87 @485 has 22 MA's), (Start: 207 @623 has 6 MA's), (229, 650), (354, 782), (362, 797), (430, 881), (469, 911), (477, 923), (485, 932), (502, 971), (513, 992), (552, 1052), (573, 1076), (602, 1148), (623, 1184), (642, 1220), (696, 1310), (711, 1331), (732, 1376), (735, 1382), (746, 1400), (759, 1415), (927, 1589), (956, 1616), (1001, 1685), (1006, 1691), (1080, 1757), (1088, 1769), (1102, 1796), (1165, 1907), (1182, 1943), (1193, 1955), (1197, 1961), (1211, 1979), (1234, 2006), (1249, 2030), (1287, 2093), (1325, 2135), (1370, 2192), (1381, 2207), (1399, 2222), (1445, 2270), (1448, 2273),

Gene: Briton15_13 Start: 7067, Stop: 8755, Start Num: 102
Candidate Starts for Briton15_13:
(Start: 102 @7067 has 400 MA's), (381, 7331), (402, 7355), (513, 7517), (535, 7550), (581, 7625), (620, 7715), (631, 7739), (679, 7814), (728, 7883), (774, 7970), (778, 7979), (809, 8030), (1009, 8264), (1021, 8276), (1080, 8318), (1100, 8339), (1117, 8366), (1193, 8474), (1279, 8564), (1365, 8669),

Gene: Brocalys_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for Brocalys_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 217 @629 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (454, 905), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (717, 1346), (736, 1388), (740, 1397), (862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1250, 1979), (1265, 2006), (1297, 2039), (1320, 2066), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: BrokMonster_3 Start: 1071, Stop: 2531, Start Num: 250
Candidate Starts for BrokMonster_3:
(Start: 250 @1071 has 144 MA's), (Start: 254 @1077 has 2 MA's), (358, 1239), (363, 1248), (399, 1308), (444, 1377), (465, 1398), (488, 1449), (619, 1653), (755, 1788), (806, 1866), (817, 1881), (842, 1917), (880, 1959), (911, 1992), (926, 2010), (1015, 2130), (1020, 2133), (1039, 2145), (1113, 2220), (1172, 2283), (1187, 2301), (1190, 2304), (1330, 2466), (1337, 2475), (1344, 2484), (1372, 2523),

Gene: Bromden_4 Start: 815, Stop: 2377, Start Num: 138
Candidate Starts for Bromden_4:
(Start: 138 @815 has 120 MA's), (Start: 142 @821 has 6 MA's), (Start: 284 @971 has 1 MA's), (Start: 318 @1019 has 1 MA's), (Start: 333 @1037 has 4 MA's), (361, 1073), (426, 1148), (512, 1268), (515, 1274), (591, 1406), (594, 1412), (602, 1433), (675, 1532), (710, 1580), (776, 1658), (791, 1679), (807, 1703), (809, 1709), (827, 1739), (832, 1745), (855, 1772), (863, 1781), (942, 1838), (959, 1865), (962, 1871), (1009, 1937), (1050, 1976), (1060, 1985), (1104, 2009), (1116, 2030), (1172, 2096), (1174, 2099), (1394, 2318), (1400, 2324), (1420, 2345), (1448, 2369),

Gene: BronnyJames_6 Start: 2259, Stop: 3791, Start Num: 233
Candidate Starts for BronnyJames_6:
(159, 2175), (Start: 198 @2217 has 4 MA's), (Start: 205 @2226 has 1 MA's), (Start: 233 @2259 has 12 MA's), (331, 2373), (Start: 403 @2469 has 1 MA's), (405, 2472), (426, 2517), (484, 2592), (566, 2703), (568, 2706), (583, 2742), (599, 2775), (766, 3024), (808, 3087), (822, 3114), (862, 3159), (960, 3273), (975, 3309), (1005, 3339), (1015, 3348), (1082, 3402), (1112, 3426), (1349, 3660), (1358, 3672),

Gene: BronnyJr_2 Start: 413, Stop: 2089, Start Num: 138
Candidate Starts for BronnyJr_2:
(Start: 138 @413 has 120 MA's), (Start: 318 @629 has 1 MA's), (349, 668), (380, 725), (384, 731), (396, 749), (421, 794), (422, 797), (426, 806), (431, 815), (444, 821), (445, 824), (483, 878), (490, 899), (495, 911), (558, 1001), (659, 1190), (745, 1286), (778, 1337), (902, 1478), (919, 1490), (1107, 1688), (1112, 1697), (1139, 1724), (1172, 1766), (1187, 1784), (1278, 1868), (1290, 1883), (1463, 2072),

Gene: BronxBay_8 Start: 3600, Stop: 5366, Start Num: 295
Candidate Starts for BronxBay_8:
(Start: 295 @3600 has 6 MA's), (Start: 307 @3618 has 198 MA's), (363, 3711), (367, 3717), (401, 3774), (433, 3837), (516, 4014), (556, 4092), (572, 4113), (611, 4215), (644, 4284), (651, 4299), (680, 4341), (750, 4470), (791, 4545), (805, 4569), (872, 4674), (892, 4698), (956, 4782), (1053, 4896),

(1071, 4914), (1120, 4983), (1123, 4986), (1156, 5037), (1190, 5079), (1249, 5166), (1274, 5193), (1290, 5214), (1299, 5226), (1315, 5244), (1372, 5319),

Gene: Broseidon_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Broseidon_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: BrotherBLo_5 Start: 3292, Stop: 4647, Start Num: 333
Candidate Starts for BrotherBLo_5:
(Start: 165 @3082 has 76 MA's), (Start: 333 @3292 has 4 MA's), (Start: 397 @3346 has 4 MA's), (426, 3403), (431, 3412), (584, 3652), (593, 3667), (595, 3673), (620, 3733), (650, 3793), (770, 3892), (790, 3922), (803, 3937), (852, 4018), (936, 4096), (941, 4105), (961, 4141), (983, 4180), (1009, 4213), (1020, 4222), (1046, 4249), (1105, 4303), (1133, 4345), (1197, 4390), (1212, 4411), (1232, 4435), (1328, 4513), (1451, 4633),

Gene: BruceB_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for BruceB_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: BruceLethal_2 Start: 373, Stop: 1884, Start Num: 228
Candidate Starts for BruceLethal_2:
(Start: 228 @373 has 40 MA's), (248, 397), (274, 430), (314, 475), (Start: 333 @502 has 4 MA's), (334, 505), (Start: 393 @553 has 3 MA's), (Start: 400 @562 has 2 MA's), (405, 568), (424, 607), (426, 613), (465, 646), (474, 664), (485, 688), (487, 694), (506, 733), (512, 742), (513, 745), (533, 784), (535, 787), (566, 847), (572, 856), (593, 904), (602, 925), (611, 949), (618, 961), (664, 1036), (667, 1039), (776, 1174), (797, 1201), (809, 1222), (855, 1288), (942, 1330), (949, 1339), (954, 1351), (973, 1393), (1015, 1435), (1027, 1447), (1112, 1525), (1130, 1546), (1131, 1549), (1134, 1552), (1143, 1564), (1170, 1597), (1184, 1615), (1190, 1621), (1224, 1663), (1278, 1699), (1280, 1702), (1290, 1714), (1299, 1726), (1360, 1786), (1366, 1792), (1373, 1801), (1378, 1807), (1394, 1828), (1433, 1870), (1443, 1876),

Gene: Bruiser_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Bruiser_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Brujita_2 Start: 522, Stop: 2081, Start Num: 152
Candidate Starts for Brujita_2:
(Start: 152 @522 has 15 MA's), (Start: 232 @612 has 1 MA's), (Start: 305 @699 has 33 MA's), (345, 756), (381, 819), (413, 870), (463, 936), (468, 945), (499, 1017), (519, 1041), (527, 1053), (598, 1161), (606, 1173), (607, 1176), (634, 1215), (643, 1233), (788, 1380), (817, 1422), (891, 1506), (908, 1527),

(944, 1551), (965, 1590), (1038, 1668), (1041, 1671), (1049, 1683), (1071, 1701), (1172, 1818), (1174, 1821), (1237, 1887), (1277, 1920), (1351, 2001), (1380, 2034),

Gene: Bruns_10 Start: 6924, Stop: 8612, Start Num: 110
Candidate Starts for Bruns_10:
(Start: 110 @6924 has 24 MA's), (Start: 309 @7104 has 15 MA's), (381, 7188), (Start: 403 @7215 has 1 MA's), (408, 7224), (513, 7374), (535, 7407), (581, 7482), (620, 7572), (631, 7596), (647, 7623), (679, 7671), (774, 7827), (809, 7887), (1009, 8121), (1021, 8133), (1080, 8175), (1100, 8196), (1117, 8223), (1193, 8331), (1279, 8421), (1365, 8526),

Gene: Brunswick_7 Start: 3704, Stop: 5443, Start Num: 307
Candidate Starts for Brunswick_7:
(277, 3650), (Start: 307 @3704 has 198 MA's), (367, 3803), (433, 3923), (485, 4022), (502, 4064), (516, 4094), (532, 4124), (556, 4172), (572, 4193), (611, 4295), (644, 4364), (656, 4388), (709, 4478), (750, 4550), (791, 4625), (805, 4649), (872, 4754), (892, 4778), (956, 4859), (1053, 4973), (1071, 4991), (1076, 4997), (1120, 5060), (1123, 5063), (1223, 5201), (1273, 5267), (1290, 5291), (1299, 5303), (1370, 5393), (1372, 5396),

Gene: Brusacoram_2 Start: 400, Stop: 2076, Start Num: 138
Candidate Starts for Brusacoram_2:
(Start: 138 @400 has 120 MA's), (Start: 318 @616 has 1 MA's), (349, 655), (380, 712), (384, 718), (396, 736), (421, 781), (426, 793), (431, 802), (444, 808), (483, 865), (490, 886), (495, 898), (558, 988), (659, 1177), (745, 1273), (766, 1303), (778, 1324), (902, 1465), (919, 1477), (1107, 1675), (1112, 1684), (1139, 1711), (1172, 1753), (1187, 1771), (1278, 1855), (1290, 1870), (1463, 2059),

Gene: BrutonGaster_18 Start: 5409, Stop: 7157, Start Num: 148
Candidate Starts for BrutonGaster_18:
(Start: 148 @5409 has 26 MA's), (Start: 176 @5439 has 3 MA's), (Start: 299 @5529 has 5 MA's), (325, 5568), (473, 5793), (485, 5808), (488, 5817), (512, 5865), (529, 5892), (645, 6114), (654, 6132), (746, 6282), (787, 6342), (789, 6345), (797, 6357), (1006, 6606), (1011, 6612), (1086, 6717), (1088, 6720), (1113, 6747), (1146, 6789), (1198, 6864), (1229, 6900), (1250, 6924), (1412, 7113), (1418, 7119),

Gene: BryanRecycles_7 Start: 2562, Stop: 4208, Start Num: 95
Candidate Starts for BryanRecycles_7:
(Start: 95 @2562 has 98 MA's), (Start: 113 @2580 has 11 MA's), (Start: 330 @2784 has 14 MA's), (407, 2865), (504, 3000), (515, 3021), (548, 3066), (575, 3108), (603, 3180), (620, 3204), (675, 3291), (680, 3303), (722, 3357), (803, 3456), (838, 3516), (992, 3678), (997, 3687), (1088, 3777), (1116, 3810), (1164, 3882), (1165, 3885), (1193, 3924), (1214, 3945), (1219, 3951), (1236, 3969), (1325, 4065), (1372, 4125),

Gene: Bryce_8 Start: 3156, Stop: 4838, Start Num: 107
Candidate Starts for Bryce_8:
(Start: 107 @3156 has 35 MA's), (Start: 309 @3342 has 15 MA's), (362, 3414), (381, 3426), (402, 3450), (408, 3462), (523, 3630), (567, 3690), (593, 3747), (594, 3750), (620, 3798), (770, 4053), (780, 4071), (812, 4125), (956, 4269), (983, 4311), (1006, 4344), (1088, 4413), (1193, 4557), (1236, 4602), (1292, 4662), (1372, 4761), (1405, 4794), (1433, 4821), (1435, 4824), (1438, 4827),

Gene: Bryler_7 Start: 1509, Stop: 2936, Start Num: 247
Candidate Starts for Bryler_7:
(Start: 247 @1509 has 171 MA's), (Start: 322 @1599 has 1 MA's), (Start: 336 @1623 has 12 MA's), (342, 1629), (391, 1707), (402, 1716), (425, 1764), (444, 1782), (487, 1851), (505, 1890), (517, 1899), (532, 1926), (591, 2004), (607, 2046), (611, 2055), (675, 2136), (742, 2184), (792, 2250), (816, 2292), (820, 2298), (827, 2310), (834, 2316), (851, 2340), (870, 2364), (875, 2370), (893, 2391), (962, 2460),

(993, 2502), (1107, 2595), (1111, 2601), (1112, 2604), (1146, 2637), (1160, 2667), (1187, 2691), (1235, 2739), (1353, 2868), (1425, 2925), (1431, 2931),

Gene: Brylie_6 Start: 1978, Stop: 3408, Start Num: 317
Candidate Starts for Brylie_6:
(Start: 176 @1810 has 3 MA's), (Start: 179 @1813 has 1 MA's), (188, 1822), (Start: 317 @1978 has 15 MA's), (Start: 330 @1996 has 14 MA's), (431, 2119), (459, 2137), (481, 2176), (484, 2185), (536, 2269), (594, 2353), (600, 2368), (613, 2401), (659, 2467), (752, 2599), (893, 2788), (903, 2800), (954, 2848), (973, 2890), (1023, 2941), (1111, 3016), (1112, 3019), (1139, 3046), (1187, 3106), (1213, 3139), (1226, 3154), (1278, 3190), (1317, 3232), (1336, 3259), (1371, 3295), (1377, 3301), (1409, 3340),

Gene: Brynnie_3 Start: 689, Stop: 2335, Start Num: 171
Candidate Starts for Brynnie_3:
(Start: 171 @689 has 16 MA's), (Start: 238 @755 has 22 MA's), (Start: 309 @851 has 15 MA's), (314, 860), (405, 953), (424, 992), (431, 1007), (463, 1031), (518, 1133), (584, 1223), (620, 1304), (625, 1316), (628, 1322), (650, 1364), (665, 1385), (700, 1445), (720, 1475), (731, 1484), (774, 1547), (867, 1664), (954, 1763), (961, 1775), (1003, 1841), (1020, 1856), (1048, 1886), (1096, 1925), (1102, 1934), (1110, 1943), (1133, 1979), (1176, 2033), (1364, 2243), (1397, 2285), (1449, 2324),

Gene: BubbaBear_3 Start: 677, Stop: 2305, Start Num: 225
Candidate Starts for BubbaBear_3:
(Start: 225 @677 has 84 MA's), (339, 833), (431, 941), (490, 1025), (503, 1049), (518, 1067), (569, 1124), (594, 1175), (595, 1178), (620, 1238), (628, 1256), (643, 1286), (662, 1316), (1003, 1772), (1020, 1787), (1328, 2138), (1369, 2186), (1464, 2294),

Gene: Bubble_4 Start: 1113, Stop: 2792, Start Num: 170
Candidate Starts for Bubble_4:
(Start: 170 @1113 has 103 MA's), (Start: 232 @1164 has 1 MA's), (Start: 249 @1185 has 1 MA's), (304, 1230), (362, 1311), (415, 1377), (424, 1386), (485, 1458), (490, 1473), (509, 1509), (513, 1518), (543, 1569), (595, 1668), (623, 1722), (645, 1758), (735, 1902), (760, 1938), (780, 1977), (798, 2010), (825, 2058), (848, 2091), (866, 2115), (921, 2148), (954, 2181), (981, 2238), (987, 2247), (1076, 2331), (1146, 2418), (1214, 2514), (1282, 2586), (1292, 2598), (1394, 2718), (1454, 2778), (1456, 2781),

Gene: BubbleTrouble_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for BubbleTrouble_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Bubbles123_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Bubbles123_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: Bud_12 Start: 8030, Stop: 9793, Start Num: 103
Candidate Starts for Bud_12:
(Start: 103 @8030 has 236 MA's), (Start: 121 @8051 has 5 MA's), (Start: 217 @8138 has 1 MA's), (298, 8267), (314, 8291), (362, 8354), (487, 8498), (512, 8549), (513, 8552), (581, 8663), (593, 8687), (594, 8690), (620, 8753), (623, 8762), (631, 8777), (704, 8894), (722, 8909), (751, 8969), (803, 9053), (992, 9281), (999, 9293), (1064, 9341), (1080, 9356), (1113, 9395), (1129, 9416), (1155, 9455), (1182, 9500), (1193, 9512), (1405, 9749), (1433, 9776),

Gene: Budgie_10 Start: 2590, Stop: 4260, Start Num: 389
Candidate Starts for Budgie_10:
(Start: 389 @2590 has 11 MA's), (551, 2887), (598, 2989), (615, 3028), (693, 3169), (710, 3193), (724, 3211), (732, 3223), (734, 3226), (768, 3286), (808, 3343), (815, 3358), (873, 3436), (911, 3481), (934, 3535), (935, 3541), (990, 3637), (1000, 3655), (1069, 3736), (1104, 3799), (1116, 3820), (1218, 3988), (1232, 4000), (1279, 4057), (1307, 4093), (1346, 4144), (1372, 4180), (1374, 4183), (1379, 4189),

Gene: Bugatti_11 Start: 6496, Stop: 8193, Start Num: 102
Candidate Starts for Bugatti_11:
(Start: 102 @6496 has 400 MA's), (Start: 124 @6520 has 46 MA's), (168, 6568), (381, 6766), (424, 6829), (508, 6940), (513, 6952), (538, 6991), (550, 7003), (581, 7060), (593, 7084), (620, 7150), (623, 7159), (675, 7240), (690, 7267), (774, 7405), (825, 7492), (848, 7525), (923, 7591), (983, 7666), (999, 7690), (1001, 7693), (1006, 7699), (1015, 7708), (1064, 7741), (1080, 7756), (1129, 7816), (1193, 7912), (1236, 7957), (1241, 7966), (1374, 8119), (1405, 8149), (1435, 8179), (1438, 8182),

Gene: Bugg_15 Start: 7507, Stop: 9252, Start Num: 307
Candidate Starts for Bugg_15:
(Start: 307 @7507 has 198 MA's), (310, 7513), (363, 7600), (367, 7606), (387, 7642), (417, 7696), (467, 7792), (556, 7981), (570, 7999), (572, 8002), (599, 8071), (644, 8173), (666, 8209), (680, 8230), (693, 8254), (728, 8311), (750, 8359), (785, 8425), (805, 8458), (808, 8464), (823, 8494), (837, 8515), (892, 8587), (1053, 8782), (1111, 8848), (1120, 8869), (1123, 8872), (1160, 8932), (1244, 9043), (1274, 9079), (1290, 9100), (1299, 9112), (1334, 9157), (1336, 9160), (1370, 9202), (1372, 9205),

Gene: Buggaboo_25 Start: 12984, Stop: 14714, Start Num: 155
Candidate Starts for Buggaboo_25:
(Start: 155 @12984 has 202 MA's), (Start: 161 @12990 has 29 MA's), (Start: 317 @13134 has 15 MA's), (351, 13185), (353, 13191), (372, 13218), (379, 13230), (Start: 403 @13260 has 1 MA's), (414, 13284), (424, 13302), (621, 13695), (635, 13722), (740, 13890), (748, 13902), (768, 13935), (824, 14013), (1034, 14229), (1054, 14259), (1104, 14310), (1136, 14358), (1196, 14433), (1203, 14445), (1237, 14481), (1365, 14619), (1387, 14649),

Gene: Bugsy_14 Start: 7887, Stop: 9674, Start Num: 103
Candidate Starts for Bugsy_14:
(Start: 103 @7887 has 236 MA's), (Start: 217 @7995 has 1 MA's), (234, 8016), (278, 8082), (280, 8088), (298, 8124), (314, 8148), (362, 8211), (512, 8406), (513, 8409), (581, 8517), (620, 8607), (631, 8631), (679, 8706), (704, 8748), (722, 8763), (916, 9063), (1088, 9249), (1113, 9276), (1129, 9297), (1193, 9393), (1405, 9630), (1435, 9660),

Gene: Buldak_3 Start: 997, Stop: 2574, Start Num: 225
Candidate Starts for Buldak_3:
(Start: 225 @997 has 84 MA's), (339, 1153), (405, 1207), (431, 1261), (474, 1306), (569, 1444), (594, 1495), (620, 1558), (648, 1615), (662, 1636), (675, 1651), (718, 1723), (888, 1936), (908, 1960), (954, 2011), (956, 2014), (961, 2023), (973, 2047), (1232, 2317), (1290, 2389), (1364, 2476), (1378, 2494), (1457, 2566),

Gene: Bullzi2019_3 Start: 1095, Stop: 2555, Start Num: 250
Candidate Starts for Bullzi2019_3:
(Start: 250 @1095 has 144 MA's), (Start: 254 @1101 has 2 MA's), (358, 1263), (363, 1272), (399, 1332), (444, 1401), (465, 1422), (488, 1473), (619, 1677), (755, 1812), (806, 1890), (817, 1905), (829, 1923), (842, 1941), (880, 1983), (911, 2016), (926, 2034), (1015, 2154), (1020, 2157), (1039, 2169), (1047, 2181), (1060, 2193), (1113, 2244), (1160, 2301), (1172, 2307), (1178, 2316), (1187, 2325), (1190, 2328), (1330, 2490), (1337, 2499), (1344, 2508), (1372, 2547),

Gene: Bumblebee11_11 Start: 6893, Stop: 8590, Start Num: 102
Candidate Starts for Bumblebee11_11:
(Start: 102 @6893 has 400 MA's), (Start: 124 @6917 has 46 MA's), (381, 7163), (469, 7268), (512, 7346), (513, 7349), (538, 7388), (581, 7457), (593, 7481), (620, 7547), (675, 7637), (774, 7802), (803, 7847), (825, 7889), (848, 7922), (923, 7988), (981, 8060), (983, 8063), (999, 8087), (1080, 8153), (1113, 8192), (1129, 8213), (1193, 8309), (1402, 8543), (1405, 8546), (1435, 8576), (1438, 8579),

Gene: Bunker_2 Start: 522, Stop: 2105, Start Num: 185
Candidate Starts for Bunker_2:
(154, 489), (163, 498), (Start: 165 @501 has 76 MA's), (Start: 185 @522 has 14 MA's), (487, 888), (522, 948), (532, 960), (593, 1050), (648, 1155), (745, 1299), (855, 1446), (912, 1506), (970, 1578), (1055, 1665), (1139, 1743), (1149, 1755), (1172, 1785), (1187, 1803), (1260, 1872), (1278, 1887), (1288, 1899), (1297, 1911),

Gene: Bunnies_2 Start: 413, Stop: 2089, Start Num: 138
Candidate Starts for Bunnies_2:
(Start: 138 @413 has 120 MA's), (Start: 318 @629 has 1 MA's), (349, 668), (380, 725), (384, 731), (396, 749), (421, 794), (426, 806), (431, 815), (444, 821), (483, 878), (490, 899), (495, 911), (558, 1001), (659, 1190), (745, 1286), (766, 1316), (778, 1337), (902, 1478), (919, 1490), (959, 1535), (1107, 1688), (1112, 1697), (1139, 1724), (1172, 1766), (1187, 1784), (1278, 1868), (1290, 1883), (1463, 2072),

Gene: Bunnybear_2 Start: 498, Stop: 2222, Start Num: 305
Candidate Starts for Bunnybear_2:
(Start: 295 @483 has 6 MA's), (Start: 305 @498 has 33 MA's), (373, 588), (439, 702), (486, 771), (499, 804), (510, 828), (530, 864), (555, 915), (590, 987), (660, 1134), (696, 1185), (728, 1227), (732, 1233), (782, 1317), (807, 1344), (885, 1455), (908, 1482), (1013, 1659), (1191, 1932), (1194, 1935), (1197, 1941), (1212, 1962), (1241, 1995), (1245, 2001), (1281, 2049), (1289, 2058), (1307, 2082), (1332, 2100), (1374, 2157), (1439, 2214),

Gene: Burger_10 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Burger_10:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Burgy_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for Burgy_3:
(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (806, 1881), (817, 1896), (842, 1932), (880, 1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298), (1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: Burley_17 Start: 10269, Stop: 12014, Start Num: 307
Candidate Starts for Burley_17:
(Start: 307 @10269 has 198 MA's), (310, 10275), (363, 10362), (367, 10368), (387, 10404), (417, 10458), (433, 10488), (502, 10635), (556, 10743), (570, 10761), (572, 10764), (599, 10833), (637, 10917), (644, 10935), (680, 10992), (750, 11121), (805, 11220), (808, 11226), (872, 11325), (892, 11349), (1050, 11535), (1053, 11544), (1111, 11610), (1120, 11631), (1123, 11634), (1288, 11859), (1290, 11862), (1299, 11874), (1370, 11964), (1372, 11967),

Gene: Burnsey_4 Start: 1113, Stop: 2792, Start Num: 170
Candidate Starts for Burnsey_4:
(Start: 170 @1113 has 103 MA's), (Start: 232 @1164 has 1 MA's), (Start: 249 @1185 has 1 MA's), (Start: 251 @1188 has 3 MA's), (304, 1230), (362, 1311), (415, 1377), (424, 1386), (485, 1458), (490, 1473), (509, 1509), (513, 1518), (543, 1569), (595, 1668), (623, 1722), (645, 1758), (735, 1902), (760, 1938), (780, 1977), (798, 2010), (825, 2058), (848, 2091), (866, 2115), (921, 2148), (954, 2181), (981, 2238), (987, 2247), (1076, 2331), (1100, 2358), (1146, 2418), (1214, 2514), (1282, 2586), (1292, 2598), (1394, 2718), (1454, 2778), (1456, 2781),

Gene: Burritobowl_3 Start: 687, Stop: 2315, Start Num: 225
Candidate Starts for Burritobowl_3:
(Start: 225 @687 has 84 MA's), (339, 843), (431, 951), (490, 1035), (518, 1077), (569, 1134), (594, 1185), (595, 1188), (620, 1248), (628, 1266), (643, 1296), (662, 1326), (1003, 1782), (1020, 1797), (1328, 2148), (1369, 2196), (1464, 2304),

Gene: Burton_12 Start: 7124, Stop: 8812, Start Num: 110
Candidate Starts for Burton_12:
(Start: 110 @7124 has 24 MA's), (302, 7295), (Start: 309 @7304 has 15 MA's), (381, 7388), (Start: 403 @7415 has 1 MA's), (408, 7424), (513, 7574), (535, 7607), (581, 7682), (620, 7772), (631, 7796), (647, 7823), (679, 7871), (774, 8027), (809, 8087), (1001, 8312), (1009, 8321), (1021, 8333), (1080, 8375), (1100, 8396), (1117, 8423), (1193, 8531), (1279, 8621), (1365, 8726),

Gene: BurtonThePup_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for BurtonThePup_3:
(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (806, 1881), (817, 1896), (842, 1932), (880, 1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298), (1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: Burwell21_2 Start: 571, Stop: 2208, Start Num: 155
Candidate Starts for Burwell21_2:
(Start: 155 @571 has 202 MA's), (163, 580), (Start: 176 @595 has 3 MA's), (Start: 217 @628 has 1 MA's), (Start: 247 @652 has 171 MA's), (Start: 250 @655 has 144 MA's), (Start: 318 @718 has 1 MA's), (353, 757), (412, 844), (414, 850), (454, 904), (473, 916), (484, 928), (487, 937), (488, 940), (496, 961), (508, 982), (516, 997), (548, 1054), (575, 1093), (602, 1162), (604, 1168), (621, 1198), (622, 1201), (627, 1210), (635, 1225), (647, 1243), (680, 1294), (736, 1387), (740, 1396), (862, 1567), (874, 1579), (920, 1597), (983, 1663), (1005, 1693), (1007, 1696), (1010, 1699), (1080, 1756), (1097, 1771), (1101, 1777), (1104, 1780), (1113, 1795), (1117, 1804), (1164, 1873), (1190, 1903), (1196, 1912), (1225, 1945), (1250, 1978), (1265, 2005), (1297, 2038), (1325, 2068), (1349, 2089), (1365, 2113), (1372, 2122), (1374, 2125), (1429, 2182),

Gene: Butters_2 Start: 498, Stop: 2030, Start Num: 230
Candidate Starts for Butters_2:

(Start: 227 @495 has 25 MA's), (Start: 230 @498 has 31 MA's), (Start: 249 @513 has 1 MA's), (292, 570), (Start: 307 @588 has 198 MA's), (316, 600), (390, 672), (418, 720), (422, 729), (474, 792), (507, 864), (539, 912), (593, 1011), (613, 1062), (659, 1134), (677, 1149), (687, 1167), (747, 1275), (766, 1299), (808, 1362), (878, 1446), (940, 1503), (950, 1518), (975, 1575), (987, 1593), (1012, 1620), (1080, 1689), (1136, 1746), (1152, 1755), (1187, 1776), (1213, 1809), (1260, 1845), (1278, 1860), (1349, 1941), (1353, 1947),

Gene: Button_5 Start: 1178, Stop: 2878, Start Num: 167
Candidate Starts for Button_5:
(Start: 167 @1178 has 9 MA's), (Start: 232 @1232 has 1 MA's), (Start: 249 @1253 has 1 MA's), (266, 1280), (338, 1355), (362, 1391), (425, 1469), (490, 1553), (496, 1568), (513, 1598), (543, 1649), (595, 1748), (645, 1838), (701, 1928), (735, 1982), (780, 2057), (848, 2171), (866, 2195), (954, 2261), (981, 2318), (983, 2321), (987, 2327), (992, 2333), (1062, 2399), (1080, 2417), (1146, 2498), (1149, 2504), (1165, 2537), (1214, 2594), (1269, 2642), (1370, 2771), (1372, 2774), (1454, 2864), (1456, 2867),

Gene: Buttons_12 Start: 7194, Stop: 8882, Start Num: 102
Candidate Starts for Buttons_12:
(Start: 102 @7194 has 400 MA's), (Start: 309 @7374 has 15 MA's), (381, 7458), (408, 7494), (424, 7521), (513, 7644), (535, 7677), (581, 7752), (620, 7842), (631, 7866), (647, 7893), (679, 7941), (774, 8097), (809, 8157), (1001, 8382), (1009, 8391), (1021, 8403), (1080, 8445), (1100, 8466), (1117, 8493), (1193, 8601), (1279, 8691), (1365, 8796),

Gene: Buttrmlkdreams_4 Start: 1111, Stop: 2790, Start Num: 170
Candidate Starts for Buttrmlkdreams_4:
(Start: 170 @1111 has 103 MA's), (Start: 232 @1162 has 1 MA's), (Start: 249 @1183 has 1 MA's), (300, 1222), (362, 1309), (407, 1354), (415, 1375), (424, 1384), (485, 1456), (509, 1507), (513, 1516), (543, 1567), (595, 1666), (603, 1687), (623, 1720), (645, 1756), (735, 1900), (760, 1936), (780, 1975), (798, 2008), (825, 2056), (866, 2113), (921, 2146), (954, 2179), (987, 2245), (992, 2251), (1062, 2317), (1076, 2329), (1146, 2416), (1214, 2512), (1269, 2560), (1330, 2635), (1394, 2716), (1454, 2776), (1456, 2779),

Gene: BuzzBuzz_12 Start: 7041, Stop: 8741, Start Num: 105
Candidate Starts for BuzzBuzz_12:
(Start: 105 @7041 has 85 MA's), (Start: 145 @7089 has 1 MA's), (302, 7224), (467, 7416), (513, 7503), (620, 7701), (675, 7791), (718, 7854), (809, 8016), (983, 8214), (999, 8238), (1001, 8241), (1080, 8304), (1100, 8325), (1129, 8364), (1193, 8460), (1241, 8514), (1279, 8550), (1405, 8697), (1435, 8727), (1438, 8730),

Gene: Bxb1_10 Start: 7031, Stop: 8719, Start Num: 102
Candidate Starts for Bxb1_10:
(Start: 102 @7031 has 400 MA's), (381, 7295), (402, 7319), (513, 7481), (535, 7514), (581, 7589), (620, 7679), (631, 7703), (735, 7871), (808, 7991), (809, 7994), (983, 8192), (1001, 8219), (1086, 8291), (1100, 8303), (1115, 8324), (1155, 8381), (1193, 8438), (1279, 8528), (1281, 8531), (1372, 8642), (1374, 8645), (1405, 8675), (1435, 8705), (1438, 8708),

Gene: Bxz2_13 Start: 7051, Stop: 8751, Start Num: 105
Candidate Starts for Bxz2_13:
(Start: 105 @7051 has 85 MA's), (Start: 145 @7099 has 1 MA's), (302, 7234), (467, 7426), (513, 7513), (620, 7711), (675, 7801), (718, 7864), (809, 8026), (983, 8224), (999, 8248), (1001, 8251), (1080, 8314), (1100, 8335), (1129, 8374), (1193, 8470), (1241, 8524), (1279, 8560), (1405, 8707), (1435, 8737), (1438, 8740),

Gene: ByChance_2 Start: 573, Stop: 2210, Start Num: 155

Candidate Starts for ByChance_2:
(Start: 155 @573 has 202 MA's), (163, 582), (Start: 176 @597 has 3 MA's), (Start: 204 @618 has 1 MA's), (Start: 247 @654 has 171 MA's), (Start: 250 @657 has 144 MA's), (261, 675), (Start: 318 @720 has 1 MA's), (353, 759), (412, 846), (454, 906), (484, 930), (487, 939), (488, 942), (496, 963), (508, 984), (516, 999), (548, 1056), (575, 1095), (602, 1164), (604, 1170), (621, 1200), (622, 1203), (627, 1212), (635, 1227), (647, 1245), (680, 1296), (736, 1389), (740, 1398), (862, 1569), (874, 1581), (983, 1665), (1005, 1695), (1007, 1698), (1010, 1701), (1080, 1758), (1097, 1773), (1101, 1779), (1104, 1782), (1113, 1797), (1117, 1806), (1149, 1845), (1164, 1875), (1190, 1905), (1196, 1914), (1225, 1947), (1250, 1980), (1265, 2007), (1297, 2040), (1325, 2070), (1349, 2091), (1365, 2115), (1372, 2124), (1374, 2127), (1429, 2184),

Gene: Byougenkin_2 Start: 629, Stop: 2209, Start Num: 217
Candidate Starts for Byougenkin_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 217 @629 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (454, 905), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (717, 1346), (736, 1388), (740, 1397), (862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1239, 1964), (1250, 1979), (1265, 2006), (1297, 2039), (1320, 2066), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: C3_10 Start: 7374, Stop: 9164, Start Num: 103
Candidate Starts for C3_10:
(53, 7296), (83, 7347), (Start: 103 @7374 has 236 MA's), (Start: 217 @7482 has 1 MA's), (234, 7503), (278, 7569), (298, 7611), (314, 7635), (424, 7773), (512, 7893), (513, 7896), (581, 8007), (620, 8097), (631, 8121), (675, 8187), (696, 8223), (718, 8250), (722, 8253), (916, 8553), (983, 8640), (1006, 8673), (1088, 8739), (1113, 8766), (1129, 8787), (1182, 8871), (1193, 8883), (1281, 8976), (1295, 8991), (1405, 9120), (1433, 9147), (1435, 9150),

Gene: C3PO_12 Start: 6699, Stop: 8765, Start Num: 5
Candidate Starts for C3PO_12:
(Start: 5 @6699 has 5 MA's), (16, 6756), (38, 6894), (48, 6924), (58, 6948), (Start: 138 @7065 has 120 MA's), (Start: 176 @7110 has 3 MA's), (Start: 235 @7173 has 7 MA's), (Start: 254 @7197 has 2 MA's), (379, 7359), (Start: 389 @7374 has 11 MA's), (402, 7392), (Start: 403 @7395 has 1 MA's), (414, 7419), (424, 7437), (473, 7494), (475, 7497), (496, 7539), (510, 7566), (520, 7584), (535, 7611), (545, 7629), (546, 7632), (581, 7686), (621, 7770), (622, 7773), (633, 7794), (647, 7815), (694, 7887), (717, 7917), (740, 7968), (801, 8049), (817, 8082), (985, 8244), (1088, 8346), (1113, 8373), (1117, 8382), (1203, 8493), (1258, 8556), (1365, 8667), (1372, 8676), (1450, 8757),

Gene: CGermain_4 Start: 800, Stop: 2290, Start Num: 202
Candidate Starts for CGermain_4:
(Start: 202 @800 has 39 MA's), (245, 845), (Start: 318 @947 has 1 MA's), (Start: 333 @965 has 4 MA's), (Start: 336 @974 has 12 MA's), (Start: 397 @1025 has 4 MA's), (399, 1028), (405, 1037), (419, 1067), (434, 1094), (506, 1193), (577, 1292), (585, 1316), (586, 1319), (588, 1322), (607, 1367), (789, 1601), (820, 1649), (827, 1661), (864, 1700), (886, 1718), (902, 1730), (904, 1733), (922, 1754), (937, 1760), (946, 1772), (987, 1850), (1047, 1904), (1112, 1958), (1121, 1970), (1156, 2015), (1206, 2063), (1299, 2147), (1349, 2204), (1406, 2273),

Gene: CLED96_2 Start: 359, Stop: 1891, Start Num: 161
Candidate Starts for CLED96_2:

(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: CRB1_12 Start: 7407, Stop: 9194, Start Num: 103
Candidate Starts for CRB1_12:
(Start: 103 @7407 has 236 MA's), (Start: 217 @7515 has 1 MA's), (234, 7536), (288, 7626), (298, 7644), (362, 7731), (411, 7785), (487, 7875), (512, 7926), (513, 7929), (581, 8037), (620, 8127), (631, 8151), (704, 8268), (722, 8283), (916, 8583), (1088, 8769), (1113, 8796), (1129, 8817), (1193, 8913), (1405, 9150), (1435, 9180),

Gene: CREW_8 Start: 1637, Stop: 3058, Start Num: 247
Candidate Starts for CREW_8:
(Start: 165 @1565 has 76 MA's), (Start: 230 @1625 has 31 MA's), (Start: 247 @1637 has 171 MA's), (Start: 336 @1748 has 12 MA's), (342, 1754), (391, 1832), (402, 1841), (425, 1889), (444, 1907), (487, 1976), (514, 2018), (517, 2024), (532, 2051), (533, 2054), (607, 2171), (611, 2180), (675, 2261), (792, 2375), (820, 2423), (827, 2435), (851, 2465), (870, 2489), (880, 2501), (959, 2579), (962, 2585), (1112, 2729), (1146, 2762), (1187, 2816), (1353, 2993), (1425, 3047),

Gene: CWormy_17 Start: 9229, Stop: 10974, Start Num: 307
Candidate Starts for CWormy_17:
(Start: 307 @9229 has 198 MA's), (310, 9235), (367, 9328), (387, 9364), (417, 9418), (502, 9595), (556, 9703), (570, 9721), (572, 9724), (599, 9793), (637, 9877), (644, 9895), (680, 9952), (728, 10033), (750, 10081), (805, 10180), (808, 10186), (823, 10216), (837, 10237), (841, 10243), (872, 10285), (892, 10309), (1053, 10504), (1088, 10546), (1111, 10570), (1120, 10591), (1123, 10594), (1249, 10774), (1288, 10819), (1290, 10822), (1299, 10834), (1315, 10852), (1370, 10924), (1372, 10927),

Gene: Cabrinians_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for Cabrinians_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 204 @617 has 1 MA's), (Start: 217 @629 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (454, 905), (473, 917), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (516, 998), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (736, 1388), (740, 1397), (862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1250, 1979), (1265, 2006), (1297, 2039), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: Cactus_10 Start: 2509, Stop: 4179, Start Num: 394
Candidate Starts for Cactus_10:
(Start: 394 @2509 has 48 MA's), (427, 2572), (551, 2806), (598, 2908), (693, 3088), (710, 3112), (724, 3130), (732, 3142), (768, 3205), (776, 3217), (808, 3262), (815, 3277), (873, 3355), (911, 3400), (934, 3454), (935, 3460), (1000, 3574), (1037, 3622), (1104, 3718), (1124, 3754), (1218, 3907), (1232, 3919), (1279, 3976), (1307, 4012), (1346, 4063), (1372, 4099), (1374, 4102), (1438, 4168),

Gene: CactusJack_2 Start: 400, Stop: 2076, Start Num: 138
Candidate Starts for CactusJack_2:
(Start: 138 @400 has 120 MA's), (Start: 318 @616 has 1 MA's), (349, 655), (380, 712), (384, 718), (396, 736), (421, 781), (426, 793), (431, 802), (444, 808), (483, 865), (490, 886), (495, 898), (558, 988),

(659, 1177), (745, 1273), (766, 1303), (778, 1324), (902, 1465), (919, 1477), (959, 1522), (1107, 1675), (1112, 1684), (1139, 1711), (1172, 1753), (1187, 1771), (1278, 1855), (1290, 1870), (1463, 2059),

Gene: CactusRose_10 Start: 6744, Stop: 8432, Start Num: 102
Candidate Starts for CactusRose_10:
(Start: 102 @6744 has 400 MA's), (Start: 309 @6924 has 15 MA's), (381, 7008), (408, 7044), (424, 7071), (513, 7194), (581, 7302), (620, 7392), (631, 7416), (679, 7491), (728, 7560), (774, 7647), (809, 7707), (1001, 7932), (1009, 7941), (1021, 7953), (1080, 7995), (1100, 8016), (1117, 8043), (1193, 8151), (1279, 8241), (1365, 8346),

Gene: Caelakin_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Caelakin_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Caelum_7 Start: 2093, Stop: 3742, Start Num: 95
Candidate Starts for Caelum_7:
(Start: 95 @2093 has 98 MA's), (Start: 176 @2180 has 3 MA's), (Start: 207 @2192 has 6 MA's), (Start: 330 @2318 has 14 MA's), (381, 2366), (407, 2399), (411, 2408), (485, 2492), (487, 2498), (490, 2507), (504, 2534), (515, 2555), (555, 2615), (575, 2642), (603, 2714), (620, 2738), (680, 2837), (701, 2873), (722, 2891), (812, 3011), (813, 3014), (838, 3050), (851, 3068), (997, 3221), (1006, 3233), (1064, 3284), (1088, 3311), (1165, 3419), (1193, 3458), (1214, 3479), (1236, 3503), (1370, 3656), (1372, 3659), (1445, 3737),

Gene: Cain_7 Start: 1509, Stop: 2936, Start Num: 247
Candidate Starts for Cain_7:
(Start: 247 @1509 has 171 MA's), (Start: 322 @1599 has 1 MA's), (Start: 336 @1623 has 12 MA's), (342, 1629), (391, 1707), (402, 1716), (425, 1764), (444, 1782), (487, 1851), (505, 1890), (517, 1899), (532, 1926), (591, 2004), (607, 2046), (611, 2055), (675, 2136), (742, 2184), (792, 2250), (816, 2292), (820, 2298), (827, 2310), (834, 2316), (851, 2340), (870, 2364), (875, 2370), (893, 2391), (962, 2460), (993, 2502), (1107, 2595), (1111, 2601), (1112, 2604), (1146, 2637), (1160, 2667), (1187, 2691), (1235, 2739), (1353, 2868), (1425, 2925), (1431, 2931),

Gene: Caitlin_9 Start: 5701, Stop: 7455, Start Num: 67
Candidate Starts for Caitlin_9:
(Start: 67 @5701 has 32 MA's), (92, 5743), (Start: 128 @5782 has 7 MA's), (241, 5890), (424, 6097), (567, 6298), (620, 6406), (693, 6535), (793, 6700), (812, 6733), (926, 6853), (983, 6928), (1100, 7039), (1113, 7057), (1129, 7078), (1163, 7132), (1193, 7174), (1292, 7279), (1372, 7378), (1405, 7411), (1438, 7444), (1443, 7450),

Gene: Caliburn_6 Start: 2382, Stop: 4028, Start Num: 95
Candidate Starts for Caliburn_6:
(Start: 95 @2382 has 98 MA's), (Start: 113 @2400 has 11 MA's), (Start: 330 @2604 has 14 MA's), (407, 2685), (504, 2820), (515, 2841), (575, 2928), (603, 3000), (620, 3024), (680, 3123), (722, 3177), (803, 3276), (838, 3336), (992, 3498), (997, 3507), (1088, 3597), (1113, 3624), (1164, 3702), (1165, 3705), (1193, 3744), (1214, 3765), (1219, 3771), (1236, 3789), (1325, 3885), (1372, 3945),

Gene: CallaLilly_8 Start: 1563, Stop: 2984, Start Num: 247
Candidate Starts for CallaLilly_8:

(Start: 165 @1491 has 76 MA's), (Start: 230 @1551 has 31 MA's), (Start: 247 @1563 has 171 MA's), (Start: 336 @1674 has 12 MA's), (342, 1680), (391, 1758), (402, 1767), (425, 1815), (444, 1833), (487, 1902), (514, 1944), (517, 1950), (532, 1977), (533, 1980), (607, 2097), (611, 2106), (675, 2187), (792, 2301), (820, 2349), (827, 2361), (851, 2391), (870, 2415), (880, 2427), (893, 2442), (959, 2505), (962, 2511), (1112, 2655), (1146, 2688), (1187, 2742), (1353, 2919), (1425, 2973),

Gene: CallieOMalley_5 Start: 3069, Stop: 4637, Start Num: 165
Candidate Starts for CallieOMalley_5:
(Start: 165 @3069 has 76 MA's), (314, 3255), (334, 3285), (Start: 397 @3336 has 4 MA's), (405, 3348), (426, 3393), (463, 3426), (518, 3528), (569, 3609), (593, 3657), (620, 3723), (643, 3771), (648, 3780), (753, 3855), (770, 3882), (790, 3912), (813, 3951), (961, 4131), (1009, 4203), (1046, 4239), (1133, 4335), (1212, 4401), (1264, 4431), (1274, 4437), (1328, 4503), (1451, 4623),

Gene: CallinAllBarbz_2 Start: 466, Stop: 1968, Start Num: 198
Candidate Starts for CallinAllBarbz_2:
(Start: 198 @466 has 4 MA's), (Start: 223 @490 has 1 MA's), (Start: 295 @571 has 6 MA's), (316, 601), (483, 808), (485, 814), (572, 931), (607, 1015), (613, 1027), (618, 1036), (650, 1093), (702, 1165), (758, 1252), (794, 1309), (960, 1501), (964, 1510), (1080, 1624), (1147, 1690), (1278, 1795), (1312, 1837), (1413, 1957),

Gene: Calm_4 Start: 1058, Stop: 2635, Start Num: 142
Candidate Starts for Calm_4:
(Start: 138 @1052 has 120 MA's), (Start: 142 @1058 has 6 MA's), (293, 1229), (361, 1316), (396, 1334), (402, 1340), (419, 1376), (513, 1514), (515, 1517), (566, 1592), (591, 1646), (593, 1649), (594, 1652), (710, 1820), (762, 1874), (766, 1883), (776, 1898), (791, 1919), (813, 1958), (827, 1979), (832, 1985), (855, 2012), (900, 2054), (942, 2078), (954, 2096), (959, 2105), (962, 2111), (977, 2144), (1009, 2177), (1050, 2216), (1057, 2222), (1060, 2225), (1116, 2270), (1172, 2336), (1213, 2387), (1226, 2402), (1234, 2411), (1263, 2426), (1266, 2429), (1373, 2531), (1394, 2558), (1448, 2609), (1450, 2612),

Gene: Calvinny_14 Start: 7029, Stop: 8729, Start Num: 105
Candidate Starts for Calvinny_14:
(Start: 105 @7029 has 85 MA's), (Start: 145 @7077 has 1 MA's), (Start: 232 @7149 has 1 MA's), (302, 7212), (513, 7491), (620, 7689), (675, 7779), (718, 7842), (809, 8004), (983, 8202), (999, 8226), (1001, 8229), (1080, 8292), (1088, 8304), (1100, 8313), (1113, 8331), (1129, 8352), (1193, 8448), (1241, 8502), (1279, 8538), (1405, 8685), (1435, 8715), (1438, 8718),

Gene: Camara_2 Start: 371, Stop: 1993, Start Num: 193
Candidate Starts for Camara_2:
(Start: 171 @350 has 16 MA's), (Start: 193 @371 has 21 MA's), (Start: 397 @602 has 4 MA's), (399, 605), (405, 614), (422, 650), (431, 668), (488, 746), (569, 851), (620, 965), (631, 989), (650, 1025), (665, 1046), (677, 1061), (713, 1121), (774, 1205), (954, 1421), (961, 1433), (975, 1460), (1003, 1499), (1009, 1505), (1048, 1544), (1080, 1571), (1096, 1583), (1117, 1616), (1126, 1628), (1151, 1661), (1305, 1832), (1364, 1901), (1369, 1907), (1385, 1928), (1403, 1949), (1447, 1979), (1449, 1982), (1451, 1985),

Gene: Cambiare_3 Start: 925, Stop: 2397, Start Num: 272
Candidate Starts for Cambiare_3:
(147, 826), (Start: 161 @841 has 29 MA's), (Start: 272 @925 has 1 MA's), (Start: 284 @940 has 1 MA's), (399, 1114), (425, 1165), (463, 1201), (490, 1261), (594, 1426), (607, 1462), (618, 1483), (640, 1513), (675, 1552), (820, 1714), (870, 1777), (882, 1792), (923, 1837), (926, 1840), (962, 1888), (977, 1912), (1074, 1987), (1112, 2038), (1142, 2068), (1146, 2071), (1150, 2080), (1157, 2095), (1160, 2101), (1172, 2107), (1205, 2146), (1263, 2197), (1280, 2212), (1348, 2299), (1353, 2305), (1425,

2386), (1431, 2392),

Gene: Camille_10 Start: 3878, Stop: 5629, Start Num: 307
Candidate Starts for Camille_10:
(Start: 303 @3872 has 2 MA's), (Start: 307 @3878 has 198 MA's), (358, 3962), (367, 3977), (488, 4211), (491, 4220), (516, 4274), (556, 4352), (594, 4427), (608, 4466), (644, 4544), (728, 4688), (750, 4736), (805, 4835), (892, 4964), (956, 5045), (987, 5102), (1022, 5123), (1052, 5156), (1120, 5246), (1123, 5249), (1156, 5300), (1190, 5342), (1290, 5477), (1299, 5489),

Gene: Camperdownii_10 Start: 6501, Stop: 8198, Start Num: 102
Candidate Starts for Camperdownii_10:
(Start: 102 @6501 has 400 MA's), (Start: 124 @6525 has 46 MA's), (Start: 251 @6648 has 3 MA's), (350, 6738), (381, 6771), (467, 6870), (512, 6954), (513, 6957), (538, 6996), (581, 7065), (593, 7089), (620, 7155), (675, 7245), (774, 7410), (825, 7497), (848, 7530), (923, 7596), (981, 7668), (983, 7671), (999, 7695), (1064, 7746), (1080, 7761), (1129, 7821), (1193, 7917), (1250, 7986), (1402, 8151), (1405, 8154), (1435, 8184), (1438, 8187),

Gene: Camri_2 Start: 359, Stop: 1891, Start Num: 161
Candidate Starts for Camri_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Camster_2 Start: 413, Stop: 2089, Start Num: 138
Candidate Starts for Camster_2:
(Start: 138 @413 has 120 MA's), (Start: 318 @629 has 1 MA's), (349, 668), (380, 725), (384, 731), (396, 749), (421, 794), (426, 806), (431, 815), (444, 821), (483, 878), (490, 899), (495, 911), (558, 1001), (659, 1190), (745, 1286), (766, 1316), (778, 1337), (919, 1490), (1107, 1688), (1112, 1697), (1139, 1724), (1172, 1766), (1187, 1784), (1278, 1868), (1290, 1883), (1463, 2072),

Gene: CanFranMach_3 Start: 691, Stop: 2319, Start Num: 225
Candidate Starts for CanFranMach_3:
(Start: 225 @691 has 84 MA's), (339, 847), (431, 955), (459, 970), (490, 1039), (594, 1189), (595, 1192), (620, 1252), (628, 1270), (630, 1273), (643, 1300), (662, 1330), (1003, 1786), (1020, 1801), (1117, 1903), (1296, 2113), (1328, 2152), (1447, 2269), (1464, 2308),

Gene: Candra_15 Start: 7566, Stop: 9320, Start Num: 103
Candidate Starts for Candra_15:
(Start: 103 @7566 has 236 MA's), (298, 7797), (Start: 330 @7848 has 14 MA's), (362, 7884), (424, 7959), (513, 8082), (538, 8121), (581, 8190), (593, 8214), (594, 8217), (620, 8280), (631, 8304), (693, 8403), (696, 8406), (718, 8433), (722, 8436), (923, 8721), (992, 8808), (999, 8820), (1080, 8883), (1113, 8922), (1129, 8943), (1182, 9027), (1193, 9039), (1405, 9276), (1433, 9303), (1435, 9306),

Gene: CanesSauce_4 Start: 1120, Stop: 2799, Start Num: 170
Candidate Starts for CanesSauce_4:
(Start: 170 @1120 has 103 MA's), (Start: 232 @1171 has 1 MA's), (Start: 249 @1192 has 1 MA's), (Start: 251 @1195 has 3 MA's), (304, 1237), (354, 1303), (407, 1363), (415, 1384), (424, 1393), (490, 1480), (509, 1516), (513, 1525), (543, 1576), (595, 1675), (623, 1729), (645, 1765), (735, 1909), (760, 1945), (780, 1984), (874, 2131), (921, 2155), (987, 2254), (1076, 2338), (1146, 2425), (1214, 2521), (1269, 2569), (1282, 2593), (1330, 2644), (1394, 2725), (1454, 2785), (1456, 2788),

Gene: Canowicakte_5 Start: 3104, Stop: 4672, Start Num: 165
Candidate Starts for Canowicakte_5:
(Start: 165 @3104 has 76 MA's), (314, 3290), (334, 3320), (Start: 397 @3371 has 4 MA's), (405, 3383), (419, 3413), (426, 3428), (463, 3461), (518, 3563), (569, 3644), (593, 3692), (620, 3758), (643, 3806), (648, 3815), (652, 3821), (753, 3890), (770, 3917), (790, 3947), (813, 3986), (961, 4166), (1009, 4238), (1046, 4274), (1133, 4370), (1212, 4436), (1264, 4466), (1274, 4472), (1328, 4538), (1451, 4658),

Gene: CapnMurica_7 Start: 4800, Stop: 6539, Start Num: 307
Candidate Starts for CapnMurica_7:
(Start: 307 @4800 has 198 MA's), (367, 4899), (433, 5019), (485, 5118), (502, 5160), (516, 5190), (532, 5220), (556, 5268), (572, 5289), (611, 5391), (644, 5460), (656, 5484), (666, 5496), (709, 5574), (750, 5646), (791, 5721), (805, 5745), (872, 5850), (892, 5874), (956, 5955), (981, 6003), (1053, 6069), (1071, 6087), (1076, 6093), (1120, 6156), (1123, 6159), (1273, 6363), (1290, 6387), (1299, 6399), (1370, 6489), (1372, 6492),

Gene: Cappuccino_2 Start: 593, Stop: 2281, Start Num: 143
Candidate Starts for Cappuccino_2:
(Start: 143 @593 has 16 MA's), (354, 794), (477, 938), (490, 962), (513, 1007), (573, 1094), (595, 1148), (617, 1187), (693, 1322), (759, 1424), (851, 1535), (952, 1646), (983, 1697), (1193, 1952), (1209, 1967), (1372, 2192), (1381, 2204), (1399, 2219),

Gene: Caprice_32 Start: 10508, Stop: 12250, Start Num: 170
Candidate Starts for Caprice_32:
(Start: 170 @10508 has 103 MA's), (302, 10625), (Start: 330 @10670 has 14 MA's), (369, 10736), (374, 10751), (402, 10784), (Start: 403 @10787 has 1 MA's), (411, 10802), (425, 10826), (426, 10829), (467, 10859), (479, 10880), (485, 10898), (488, 10907), (505, 10943), (513, 10958), (543, 11003), (575, 11045), (590, 11084), (595, 11096), (603, 11117), (632, 11168), (647, 11189), (798, 11411), (866, 11516), (874, 11525), (930, 11558), (954, 11579), (956, 11582), (969, 11609), (983, 11639), (992, 11651), (1001, 11666), (1009, 11675), (1015, 11681), (1062, 11723), (1074, 11732), (1084, 11747), (1100, 11762), (1146, 11822), (1163, 11861), (1185, 11894), (1214, 11924), (1217, 11927), (1265, 12011), (1292, 12065), (1304, 12080), (1332, 12107), (1372, 12161), (1451, 12233), (1453, 12236),

Gene: Capricorn_8 Start: 1637, Stop: 3058, Start Num: 247
Candidate Starts for Capricorn_8:
(Start: 165 @1565 has 76 MA's), (Start: 230 @1625 has 31 MA's), (Start: 247 @1637 has 171 MA's), (Start: 336 @1748 has 12 MA's), (342, 1754), (391, 1832), (402, 1841), (425, 1889), (444, 1907), (487, 1976), (514, 2018), (517, 2024), (532, 2051), (533, 2054), (607, 2171), (611, 2180), (675, 2261), (792, 2375), (820, 2423), (827, 2435), (851, 2465), (870, 2489), (880, 2501), (959, 2579), (962, 2585), (1112, 2729), (1146, 2762), (1187, 2816), (1353, 2993), (1425, 3047),

Gene: CaptainKirk2_2 Start: 360, Stop: 1928, Start Num: 173
Candidate Starts for CaptainKirk2_2:
(65, 255), (Start: 173 @360 has 36 MA's), (259, 444), (289, 477), (Start: 318 @519 has 1 MA's), (Start: 333 @537 has 4 MA's), (342, 552), (384, 573), (399, 594), (419, 633), (465, 693), (483, 729), (487, 741), (515, 786), (520, 795), (539, 822), (593, 900), (648, 1005), (661, 1020), (675, 1035), (745, 1113), (778, 1164), (919, 1320), (956, 1359), (973, 1398), (1015, 1443), (1071, 1488), (1074, 1491), (1078, 1497), (1107, 1518), (1112, 1527), (1113, 1530), (1146, 1560), (1157, 1584), (1174, 1599), (1278, 1701), (1317, 1743), (1326, 1758), (1346, 1779), (1358, 1794), (1449, 1890), (1459, 1902), (1463, 1911), (1464, 1917),

Gene: CaptainTrips_3 Start: 1235, Stop: 2872, Start Num: 155

Candidate Starts for CaptainTrips_3:
(Start: 155 @1235 has 202 MA's), (168, 1250), (Start: 176 @1259 has 3 MA's), (182, 1265), (Start: 217 @1292 has 1 MA's), (Start: 247 @1316 has 171 MA's), (Start: 250 @1319 has 144 MA's), (Start: 318 @1382 has 1 MA's), (Start: 330 @1400 has 14 MA's), (353, 1421), (412, 1508), (414, 1514), (454, 1568), (473, 1580), (484, 1592), (487, 1601), (488, 1604), (496, 1625), (508, 1646), (516, 1661), (548, 1718), (575, 1757), (602, 1826), (604, 1832), (621, 1862), (622, 1865), (627, 1874), (635, 1889), (647, 1907), (680, 1958), (740, 2060), (862, 2231), (874, 2243), (920, 2261), (983, 2327), (1005, 2357), (1007, 2360), (1010, 2363), (1080, 2420), (1097, 2435), (1101, 2441), (1104, 2444), (1113, 2459), (1117, 2468), (1164, 2537), (1190, 2567), (1196, 2576), (1225, 2609), (1250, 2642), (1265, 2669), (1297, 2702), (1320, 2729), (1325, 2732), (1349, 2753), (1365, 2777), (1372, 2786), (1374, 2789), (1429, 2846),

Gene: Captrips_13 Start: 7494, Stop: 9239, Start Num: 307
Candidate Starts for Captrips_13:
(Start: 307 @7494 has 198 MA's), (310, 7500), (363, 7587), (367, 7593), (387, 7629), (417, 7683), (467, 7779), (556, 7968), (570, 7986), (572, 7989), (599, 8058), (644, 8160), (666, 8196), (680, 8217), (693, 8241), (728, 8298), (750, 8346), (785, 8412), (805, 8445), (808, 8451), (823, 8481), (837, 8502), (892, 8574), (1053, 8769), (1111, 8835), (1120, 8856), (1123, 8859), (1160, 8919), (1244, 9030), (1274, 9066), (1290, 9087), (1299, 9099), (1334, 9144), (1336, 9147), (1370, 9189), (1372, 9192),

Gene: Capybara_13 Start: 7213, Stop: 8958, Start Num: 307
Candidate Starts for Capybara_13:
(Start: 307 @7213 has 198 MA's), (310, 7219), (363, 7306), (367, 7312), (387, 7348), (417, 7402), (556, 7687), (570, 7705), (572, 7708), (599, 7777), (644, 7879), (666, 7915), (680, 7936), (693, 7960), (728, 8017), (750, 8065), (785, 8131), (805, 8164), (808, 8170), (823, 8200), (837, 8221), (892, 8293), (1053, 8488), (1111, 8554), (1120, 8575), (1123, 8578), (1160, 8638), (1244, 8749), (1274, 8785), (1290, 8806), (1299, 8818), (1336, 8866), (1370, 8908), (1372, 8911),

Gene: CaramelLatte_4 Start: 1120, Stop: 2799, Start Num: 170
Candidate Starts for CaramelLatte_4:
(Start: 170 @1120 has 103 MA's), (Start: 232 @1171 has 1 MA's), (Start: 249 @1192 has 1 MA's), (Start: 251 @1195 has 3 MA's), (304, 1237), (354, 1303), (407, 1363), (415, 1384), (424, 1393), (490, 1480), (509, 1516), (513, 1525), (543, 1576), (595, 1675), (623, 1729), (645, 1765), (735, 1909), (760, 1945), (780, 1984), (874, 2131), (921, 2155), (987, 2254), (1076, 2338), (1146, 2425), (1214, 2521), (1269, 2569), (1282, 2593), (1330, 2644), (1394, 2725), (1454, 2785), (1456, 2788),

Gene: Caraxes_11 Start: 6158, Stop: 7942, Start Num: 103
Candidate Starts for Caraxes_11:
(Start: 103 @6158 has 236 MA's), (298, 6389), (362, 6476), (490, 6629), (512, 6671), (513, 6674), (581, 6785), (593, 6809), (594, 6812), (620, 6875), (631, 6899), (722, 7031), (1006, 7451), (1113, 7544), (1129, 7565), (1182, 7649), (1193, 7661), (1295, 7769), (1405, 7898), (1433, 7925), (1435, 7928),

Gene: Carcharodon_2 Start: 504, Stop: 2036, Start Num: 230
Candidate Starts for Carcharodon_2:
(Start: 227 @501 has 25 MA's), (Start: 230 @504 has 31 MA's), (246, 516), (Start: 249 @519 has 1 MA's), (292, 576), (Start: 307 @594 has 198 MA's), (316, 606), (390, 678), (Start: 403 @696 has 1 MA's), (412, 714), (422, 735), (474, 798), (490, 837), (507, 870), (539, 918), (583, 1002), (593, 1017), (613, 1068), (618, 1077), (637, 1101), (659, 1140), (661, 1143), (677, 1155), (747, 1281), (766, 1305), (808, 1368), (878, 1452), (950, 1524), (962, 1548), (981, 1590), (987, 1599), (1043, 1656), (1080, 1695), (1136, 1752), (1146, 1758), (1152, 1761), (1187, 1782), (1226, 1830), (1278, 1866), (1349, 1947), (1353, 1953),

Gene: CardboardBox_4 Start: 1251, Stop: 2789, Start Num: 211
Candidate Starts for CardboardBox_4:
(Start: 211 @1251 has 13 MA's), (259, 1296), (405, 1455), (458, 1518), (495, 1605), (611, 1845), (618, 1857), (650, 1914), (750, 2073), (808, 2160), (938, 2292), (1084, 2460), (1228, 2592),

Gene: Cardigan_30 Start: 10698, Stop: 12416, Start Num: 148
Candidate Starts for Cardigan_30:
(Start: 148 @10698 has 26 MA's), (182, 10734), (Start: 307 @10830 has 198 MA's), (457, 11043), (467, 11070), (473, 11082), (488, 11106), (551, 11220), (654, 11415), (688, 11463), (746, 11565), (787, 11625), (797, 11640), (1074, 11964), (1088, 11985), (1113, 12012), (1163, 12087), (1198, 12129), (1370, 12330), (1401, 12363),

Gene: CarefulCloud_2 Start: 351, Stop: 1808, Start Num: 185
Candidate Starts for CarefulCloud_2:
(Start: 185 @351 has 14 MA's), (194, 360), (199, 366), (442, 627), (446, 633), (487, 699), (583, 849), (586, 855), (607, 903), (647, 966), (780, 1119), (826, 1191), (878, 1239), (922, 1287), (971, 1350), (1078, 1461), (1132, 1518), (1184, 1569), (1195, 1581), (1263, 1644), (1286, 1662), (1371, 1764), (1397, 1797),

Gene: Carlyle_13 Start: 7592, Stop: 9280, Start Num: 102
Candidate Starts for Carlyle_13:
(Start: 102 @7592 has 400 MA's), (381, 7856), (402, 7880), (513, 8042), (535, 8075), (581, 8150), (620, 8240), (631, 8264), (647, 8291), (679, 8339), (774, 8495), (809, 8555), (1001, 8780), (1009, 8789), (1021, 8801), (1080, 8843), (1100, 8864), (1117, 8891), (1193, 8999), (1279, 9089), (1365, 9194),

Gene: CarolAnn_2 Start: 333, Stop: 1958, Start Num: 119
Candidate Starts for CarolAnn_2:
(Start: 119 @333 has 2 MA's), (Start: 167 @354 has 9 MA's), (Start: 173 @360 has 36 MA's), (289, 474), (293, 483), (Start: 318 @516 has 1 MA's), (Start: 333 @534 has 4 MA's), (342, 549), (384, 570), (399, 591), (431, 654), (465, 690), (483, 726), (487, 738), (501, 768), (513, 780), (515, 783), (648, 1002), (661, 1017), (675, 1032), (677, 1035), (745, 1110), (778, 1161), (919, 1317), (946, 1338), (949, 1341), (1002, 1428), (1015, 1440), (1057, 1473), (1060, 1476), (1107, 1515), (1112, 1524), (1172, 1593), (1174, 1596), (1224, 1656), (1226, 1659), (1234, 1668), (1317, 1737), (1466, 1941),

Gene: Caron_2 Start: 631, Stop: 2349, Start Num: 122
Candidate Starts for Caron_2:
(Start: 122 @631 has 14 MA's), (304, 781), (477, 1003), (504, 1054), (513, 1072), (595, 1222), (914, 1678), (952, 1717), (1064, 1852), (1193, 2023), (1209, 2038), (1271, 2125), (1325, 2203), (1381, 2275),

Gene: Carpal_5 Start: 3082, Stop: 4647, Start Num: 165
Candidate Starts for Carpal_5:
(Start: 165 @3082 has 76 MA's), (Start: 333 @3292 has 4 MA's), (Start: 397 @3346 has 4 MA's), (426, 3403), (431, 3412), (584, 3652), (593, 3667), (595, 3673), (620, 3733), (650, 3793), (770, 3892), (790, 3922), (803, 3937), (852, 4018), (936, 4096), (941, 4105), (961, 4141), (983, 4180), (1009, 4213), (1020, 4222), (1046, 4249), (1105, 4303), (1133, 4345), (1197, 4390), (1212, 4411), (1232, 4435), (1328, 4513), (1451, 4633),

Gene: Carsonalex_5 Start: 1170, Stop: 2849, Start Num: 170
Candidate Starts for Carsonalex_5:
(Start: 170 @1170 has 103 MA's), (Start: 232 @1221 has 1 MA's), (Start: 249 @1242 has 1 MA's), (304, 1287), (362, 1368), (415, 1434), (424, 1443), (485, 1515), (490, 1530), (509, 1566), (513, 1575),

(543, 1626), (595, 1725), (623, 1779), (645, 1815), (735, 1959), (760, 1995), (780, 2034), (798, 2067), (848, 2148), (866, 2172), (921, 2205), (954, 2238), (981, 2295), (987, 2304), (1076, 2388), (1146, 2475), (1214, 2571), (1282, 2643), (1292, 2655), (1394, 2775), (1454, 2835), (1456, 2838),

Gene: CaseJules_8 Start: 1637, Stop: 3058, Start Num: 247
Candidate Starts for CaseJules_8:
(Start: 165 @1565 has 76 MA's), (Start: 230 @1625 has 31 MA's), (Start: 247 @1637 has 171 MA's), (Start: 336 @1748 has 12 MA's), (342, 1754), (391, 1832), (402, 1841), (425, 1889), (444, 1907), (487, 1976), (514, 2018), (517, 2024), (532, 2051), (533, 2054), (607, 2171), (611, 2180), (675, 2261), (792, 2375), (820, 2423), (827, 2435), (851, 2465), (870, 2489), (880, 2501), (959, 2579), (962, 2585), (1112, 2729), (1146, 2762), (1187, 2816), (1353, 2993), (1425, 3047),

Gene: Cashington_3 Start: 677, Stop: 2305, Start Num: 225
Candidate Starts for Cashington_3:
(Start: 225 @677 has 84 MA's), (339, 833), (431, 941), (474, 986), (483, 1004), (490, 1025), (503, 1049), (518, 1067), (569, 1124), (594, 1175), (595, 1178), (598, 1187), (620, 1238), (628, 1256), (643, 1286), (662, 1316), (1003, 1772), (1020, 1787), (1328, 2138), (1369, 2186), (1464, 2294),

Gene: Cashline_2 Start: 485, Stop: 2284, Start Num: 87
Candidate Starts for Cashline_2:
(Start: 87 @485 has 22 MA's), (354, 782), (362, 797), (430, 881), (469, 911), (477, 923), (485, 932), (502, 971), (513, 992), (573, 1076), (602, 1148), (623, 1184), (642, 1220), (696, 1310), (711, 1331), (732, 1376), (735, 1382), (759, 1415), (927, 1589), (956, 1616), (1001, 1685), (1006, 1691), (1080, 1757), (1088, 1769), (1102, 1796), (1165, 1907), (1182, 1943), (1193, 1955), (1234, 2006), (1249, 2030), (1287, 2093), (1325, 2135), (1370, 2192), (1381, 2207), (1399, 2222), (1402, 2225), (1445, 2270), (1448, 2273),

Gene: Cassia_2 Start: 547, Stop: 2244, Start Num: 124
Candidate Starts for Cassia_2:
(Start: 124 @547 has 46 MA's), (Start: 232 @634 has 1 MA's), (486, 919), (513, 976), (538, 1018), (595, 1114), (623, 1168), (693, 1288), (748, 1378), (798, 1417), (917, 1576), (983, 1663), (1088, 1774), (1146, 1843), (1193, 1918), (1209, 1933), (1292, 2059), (1363, 2143), (1381, 2167),

Gene: CassieYates_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for CassieYates_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: CastorTray_8 Start: 3573, Stop: 5312, Start Num: 307
Candidate Starts for CastorTray_8:
(277, 3519), (Start: 307 @3573 has 198 MA's), (367, 3672), (433, 3792), (485, 3891), (502, 3933), (516, 3963), (532, 3993), (556, 4041), (572, 4062), (611, 4164), (644, 4233), (656, 4257), (709, 4347), (750, 4419), (791, 4494), (805, 4518), (892, 4647), (956, 4728), (1053, 4842), (1071, 4860), (1076, 4866), (1120, 4929), (1123, 4932), (1252, 5121), (1273, 5136), (1290, 5160), (1299, 5172), (1370, 5262), (1372, 5265),

Gene: CatBus_12 Start: 7751, Stop: 9439, Start Num: 102
Candidate Starts for CatBus_12:

(Start: 102 @7751 has 400 MA's), (Start: 309 @7931 has 15 MA's), (381, 8015), (408, 8051), (424, 8078), (513, 8201), (535, 8234), (581, 8309), (620, 8399), (631, 8423), (647, 8450), (679, 8498), (728, 8567), (767, 8642), (774, 8654), (778, 8663), (809, 8714), (1001, 8939), (1009, 8948), (1021, 8960), (1080, 9002), (1100, 9023), (1117, 9050), (1193, 9158), (1279, 9248), (1365, 9353),

Gene: Catalina_13 Start: 8125, Stop: 9897, Start Num: 117
Candidate Starts for Catalina_13:
(Start: 103 @8110 has 236 MA's), (Start: 117 @8125 has 10 MA's), (Start: 121 @8131 has 5 MA's), (241, 8242), (298, 8341), (424, 8503), (487, 8575), (513, 8629), (538, 8668), (581, 8740), (620, 8830), (631, 8854), (704, 8971), (722, 8986), (778, 9094), (823, 9169), (848, 9205), (898, 9265), (992, 9385), (1006, 9406), (1064, 9445), (1113, 9499), (1115, 9502), (1129, 9520), (1163, 9574), (1182, 9604), (1193, 9616), (1279, 9706), (1295, 9724), (1405, 9853), (1433, 9880), (1435, 9883),

Gene: Catdawg_30 Start: 13079, Stop: 14590, Start Num: 184
Candidate Starts for Catdawg_30:
(Start: 181 @13076 has 17 MA's), (Start: 184 @13079 has 14 MA's), (Start: 322 @13259 has 1 MA's), (381, 13352), (424, 13427), (451, 13460), (474, 13487), (487, 13517), (591, 13670), (594, 13676), (607, 13712), (611, 13721), (675, 13802), (679, 13811), (680, 13814), (744, 13853), (788, 13910), (809, 13946), (810, 13949), (957, 14105), (962, 14114), (1025, 14183), (1042, 14192), (1046, 14198), (1080, 14231), (1112, 14267), (1187, 14354), (1203, 14375), (1277, 14438), (1283, 14441), (1286, 14444), (1299, 14462), (1317, 14483), (1353, 14525), (1386, 14561), (1415, 14573),

Gene: Caterpillar_8 Start: 3812, Stop: 5551, Start Num: 307
Candidate Starts for Caterpillar_8:
(Start: 307 @3812 has 198 MA's), (367, 3911), (433, 4031), (485, 4130), (502, 4172), (516, 4202), (556, 4280), (572, 4301), (644, 4472), (656, 4496), (666, 4508), (750, 4658), (791, 4733), (805, 4757), (872, 4862), (892, 4886), (956, 4967), (981, 5015), (1053, 5081), (1071, 5099), (1076, 5105), (1111, 5147), (1117, 5162), (1120, 5168), (1123, 5171), (1273, 5375), (1290, 5399), (1299, 5411), (1315, 5429), (1370, 5501), (1372, 5504),

Gene: Catfish_6 Start: 2518, Stop: 4161, Start Num: 151
Candidate Starts for Catfish_6:
(Start: 151 @2518 has 55 MA's), (426, 2854), (465, 2890), (474, 2908), (569, 3046), (587, 3085), (595, 3100), (631, 3184), (632, 3187), (634, 3190), (650, 3220), (838, 3424), (989, 3634), (1006, 3655), (1020, 3667), (1058, 3706), (1100, 3742), (1105, 3748), (1221, 3919), (1274, 3952), (1328, 4018), (1369, 4066), (1459, 4153),

Gene: Caviar_12 Start: 7044, Stop: 8741, Start Num: 102
Candidate Starts for Caviar_12:
(Start: 102 @7044 has 400 MA's), (Start: 124 @7068 has 46 MA's), (381, 7314), (508, 7488), (513, 7500), (538, 7539), (550, 7551), (581, 7608), (593, 7632), (620, 7698), (623, 7707), (675, 7788), (693, 7821), (774, 7953), (780, 7965), (812, 8019), (825, 8040), (848, 8073), (914, 8127), (983, 8214), (999, 8238), (1001, 8241), (1006, 8247), (1015, 8256), (1080, 8304), (1113, 8343), (1115, 8346), (1129, 8364), (1193, 8460), (1241, 8514), (1374, 8667), (1405, 8697), (1435, 8727), (1438, 8730),

Gene: Cayde6_3 Start: 1071, Stop: 2531, Start Num: 250
Candidate Starts for Cayde6_3:
(Start: 250 @1071 has 144 MA's), (Start: 254 @1077 has 2 MA's), (358, 1239), (363, 1248), (399, 1308), (444, 1377), (465, 1398), (488, 1449), (619, 1653), (806, 1866), (817, 1881), (842, 1917), (880, 1959), (911, 1992), (926, 2010), (1015, 2130), (1020, 2133), (1039, 2145), (1113, 2220), (1172, 2283), (1187, 2301), (1190, 2304), (1330, 2466), (1337, 2475), (1344, 2484), (1372, 2523),

Gene: Cazares_3 Start: 1068, Stop: 2522, Start Num: 254

Candidate Starts for Cazares_3:
(Start: 250 @1062 has 144 MA's), (Start: 254 @1068 has 2 MA's), (358, 1230), (363, 1239), (399, 1299), (444, 1368), (465, 1389), (488, 1440), (619, 1644), (755, 1779), (806, 1857), (817, 1872), (829, 1890), (842, 1908), (880, 1950), (911, 1983), (926, 2001), (1015, 2121), (1020, 2124), (1039, 2136), (1047, 2148), (1060, 2160), (1113, 2211), (1160, 2268), (1172, 2274), (1178, 2283), (1187, 2292), (1190, 2295), (1330, 2457), (1337, 2466), (1344, 2475), (1372, 2514),

Gene: Cedasite_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for Cedasite_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Celaena_3 Start: 875, Stop: 2440, Start Num: 225
Candidate Starts for Celaena_3:
(Start: 225 @875 has 84 MA's), (339, 1031), (431, 1139), (488, 1217), (491, 1226), (512, 1253), (569, 1322), (594, 1373), (620, 1436), (662, 1514), (865, 1787), (1087, 2054), (1100, 2057), (1378, 2357), (1403, 2387), (1457, 2432),

Gene: Celery_8 Start: 2487, Stop: 4133, Start Num: 95
Candidate Starts for Celery_8:
(Start: 89 @2478 has 1 MA's), (Start: 95 @2487 has 98 MA's), (Start: 98 @2490 has 2 MA's), (Start: 113 @2505 has 11 MA's), (Start: 330 @2709 has 14 MA's), (407, 2790), (485, 2883), (490, 2898), (504, 2925), (509, 2934), (515, 2946), (575, 3033), (620, 3129), (680, 3228), (803, 3381), (812, 3402), (838, 3441), (983, 3591), (987, 3597), (997, 3612), (1064, 3675), (1113, 3729), (1115, 3732), (1193, 3849), (1219, 3876), (1236, 3894), (1277, 3936), (1372, 4050),

Gene: Celeste_6 Start: 2378, Stop: 4024, Start Num: 95
Candidate Starts for Celeste_6:
(Start: 95 @2378 has 98 MA's), (Start: 113 @2396 has 11 MA's), (Start: 330 @2600 has 14 MA's), (362, 2636), (504, 2816), (515, 2837), (548, 2882), (575, 2924), (603, 2996), (620, 3020), (680, 3119), (690, 3134), (704, 3158), (712, 3164), (838, 3332), (983, 3482), (997, 3503), (1006, 3515), (1088, 3593), (1165, 3701), (1193, 3740), (1214, 3761), (1219, 3767), (1236, 3785), (1372, 3941),

Gene: Celestialunch_12 Start: 6229, Stop: 8004, Start Num: 117
Candidate Starts for Celestialunch_12:
(Start: 103 @6214 has 236 MA's), (Start: 117 @6229 has 10 MA's), (241, 6346), (298, 6445), (302, 6451), (424, 6607), (487, 6679), (513, 6733), (538, 6772), (581, 6844), (620, 6934), (631, 6958), (718, 7087), (722, 7090), (823, 7273), (898, 7369), (953, 7429), (1064, 7552), (1080, 7567), (1088, 7579), (1129, 7627), (1163, 7681), (1182, 7711), (1193, 7723), (1281, 7816), (1295, 7831), (1405, 7960), (1433, 7987), (1435, 7990),

Gene: Celia_6 Start: 2655, Stop: 4316, Start Num: 95
Candidate Starts for Celia_6:
(Start: 95 @2655 has 98 MA's), (Start: 284 @2838 has 1 MA's), (Start: 318 @2874 has 1 MA's), (469, 3045), (504, 3108), (538, 3165), (575, 3216), (603, 3288), (620, 3312), (636, 3345), (659, 3381), (680, 3411), (693, 3432), (751, 3525), (803, 3564), (813, 3588), (838, 3624), (903, 3684), (983, 3774), (997, 3795), (1015, 3816), (1115, 3915), (1193, 4032), (1236, 4077),

Gene: Cen1621_2 Start: 604, Stop: 2328, Start Num: 122

Candidate Starts for Cen1621_2:
(Start: 122 @604 has 14 MA's), (362, 841), (443, 943), (469, 964), (477, 976), (504, 1027), (513, 1045), (595, 1195), (983, 1744), (1064, 1828), (1080, 1843), (1113, 1882), (1165, 1963), (1193, 1999), (1209, 2014), (1250, 2068), (1325, 2179), (1372, 2239), (1381, 2251),

Gene: Centaur_14 Start: 7923, Stop: 9710, Start Num: 103
Candidate Starts for Centaur_14:
(23, 7737), (50, 7839), (Start: 103 @7923 has 236 MA's), (Start: 217 @8031 has 1 MA's), (234, 8052), (298, 8160), (487, 8391), (512, 8442), (513, 8445), (581, 8553), (620, 8643), (631, 8667), (722, 8799), (983, 9186), (1113, 9312), (1129, 9333), (1182, 9417), (1193, 9429), (1405, 9666), (1433, 9693), (1435, 9696), (1438, 9699), (1440, 9702),

Gene: CentreCat_11 Start: 6885, Stop: 8582, Start Num: 102
Candidate Starts for CentreCat_11:
(Start: 102 @6885 has 400 MA's), (Start: 124 @6909 has 46 MA's), (Start: 251 @7032 has 3 MA's), (350, 7122), (381, 7155), (467, 7254), (512, 7338), (513, 7341), (538, 7380), (581, 7449), (593, 7473), (620, 7539), (675, 7629), (774, 7794), (825, 7881), (848, 7914), (923, 7980), (981, 8052), (983, 8055), (999, 8079), (1064, 8130), (1080, 8145), (1113, 8184), (1129, 8205), (1193, 8301), (1405, 8538), (1435, 8568), (1438, 8571),

Gene: Cerulean_11 Start: 6862, Stop: 8559, Start Num: 102
Candidate Starts for Cerulean_11:
(Start: 102 @6862 has 400 MA's), (Start: 124 @6886 has 46 MA's), (Start: 251 @7009 has 3 MA's), (350, 7099), (381, 7132), (512, 7315), (513, 7318), (538, 7357), (581, 7426), (593, 7450), (620, 7516), (675, 7606), (774, 7771), (825, 7858), (848, 7891), (923, 7957), (981, 8029), (983, 8032), (999, 8056), (1064, 8107), (1080, 8122), (1113, 8161), (1129, 8182), (1193, 8278), (1405, 8515), (1435, 8545), (1438, 8548),

Gene: Chadwick_10 Start: 5983, Stop: 7734, Start Num: 67
Candidate Starts for Chadwick_10:
(Start: 54 @5956 has 19 MA's), (Start: 67 @5983 has 32 MA's), (Start: 108 @6043 has 1 MA's), (Start: 115 @6052 has 1 MA's), (147, 6091), (241, 6172), (362, 6304), (424, 6379), (425, 6382), (551, 6556), (620, 6688), (641, 6733), (690, 6811), (693, 6817), (793, 6982), (812, 7015), (825, 7036), (983, 7210), (999, 7234), (1113, 7336), (1129, 7357), (1163, 7411), (1182, 7441), (1193, 7453), (1241, 7507), (1402, 7687), (1405, 7690), (1438, 7723), (1443, 7729),

Gene: ChamoyPickle_4 Start: 1251, Stop: 2789, Start Num: 211
Candidate Starts for ChamoyPickle_4:
(Start: 211 @1251 has 13 MA's), (259, 1296), (405, 1455), (458, 1518), (495, 1605), (611, 1845), (618, 1857), (650, 1914), (750, 2073), (808, 2160), (938, 2292), (1084, 2460), (1228, 2592),

Gene: ChampagnePapi_11 Start: 6861, Stop: 8558, Start Num: 102
Candidate Starts for ChampagnePapi_11:
(Start: 102 @6861 has 400 MA's), (Start: 124 @6885 has 46 MA's), (Start: 251 @7008 has 3 MA's), (350, 7098), (381, 7131), (512, 7314), (513, 7317), (538, 7356), (581, 7425), (593, 7449), (620, 7515), (675, 7605), (774, 7770), (825, 7857), (848, 7890), (923, 7956), (981, 8028), (983, 8031), (999, 8055), (1064, 8106), (1080, 8121), (1113, 8160), (1129, 8181), (1193, 8277), (1405, 8514), (1435, 8544), (1438, 8547),

Gene: Chanagan_10 Start: 6588, Stop: 8276, Start Num: 102
Candidate Starts for Chanagan_10:
(Start: 102 @6588 has 400 MA's), (Start: 309 @6768 has 15 MA's), (381, 6852), (408, 6888), (424, 6915), (513, 7038), (535, 7071), (581, 7146), (620, 7236), (631, 7260), (647, 7287), (679, 7335), (728,

7404), (767, 7479), (774, 7491), (809, 7551), (1001, 7776), (1009, 7785), (1021, 7797), (1080, 7839), (1100, 7860), (1117, 7887), (1193, 7995), (1279, 8085), (1365, 8190),

Gene: Chance64_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for Chance64_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Chancellor_9 Start: 2478, Stop: 3920, Start Num: 247
Candidate Starts for Chancellor_9:
(Start: 247 @2478 has 171 MA's), (Start: 336 @2583 has 12 MA's), (391, 2667), (402, 2676), (419, 2712), (425, 2724), (434, 2739), (463, 2766), (487, 2817), (493, 2835), (517, 2865), (532, 2892), (591, 2970), (611, 3021), (613, 3024), (675, 3102), (679, 3111), (742, 3150), (792, 3216), (820, 3264), (851, 3306), (962, 3423), (992, 3465), (1042, 3510), (1111, 3579), (1150, 3624), (1160, 3645), (1187, 3669), (1353, 3846), (1425, 3909), (1431, 3915),

Gene: Changeling_15 Start: 9284, Stop: 11071, Start Num: 103
Candidate Starts for Changeling_15:
(27, 9110), (50, 9200), (Start: 103 @9284 has 236 MA's), (Start: 217 @9392 has 1 MA's), (234, 9413), (298, 9521), (314, 9545), (Start: 330 @9572 has 14 MA's), (362, 9608), (512, 9803), (513, 9806), (538, 9845), (581, 9914), (620, 10004), (631, 10028), (722, 10160), (983, 10547), (1088, 10646), (1113, 10673), (1129, 10694), (1182, 10778), (1193, 10790), (1405, 11027), (1433, 11054), (1435, 11057), (1438, 11060), (1440, 11063),

Gene: Chaph_11 Start: 6893, Stop: 8590, Start Num: 102
Candidate Starts for Chaph_11:
(Start: 102 @6893 has 400 MA's), (Start: 124 @6917 has 46 MA's), (Start: 251 @7040 has 3 MA's), (350, 7130), (381, 7163), (467, 7262), (512, 7346), (513, 7349), (538, 7388), (581, 7457), (593, 7481), (620, 7547), (675, 7637), (774, 7802), (825, 7889), (848, 7922), (923, 7988), (981, 8060), (983, 8063), (999, 8087), (1064, 8138), (1080, 8153), (1113, 8192), (1129, 8213), (1193, 8309), (1405, 8546), (1435, 8576), (1438, 8579),

Gene: Charbie_3 Start: 1062, Stop: 2522, Start Num: 250
Candidate Starts for Charbie_3:
(Start: 250 @1062 has 144 MA's), (Start: 254 @1068 has 2 MA's), (358, 1230), (363, 1239), (399, 1299), (444, 1368), (465, 1389), (488, 1440), (619, 1644), (806, 1857), (817, 1872), (842, 1908), (880, 1950), (911, 1983), (926, 2001), (1015, 2121), (1020, 2124), (1039, 2136), (1113, 2211), (1172, 2274), (1187, 2292), (1190, 2295), (1330, 2457), (1337, 2466), (1344, 2475), (1372, 2514),

Gene: Chargerpower_12 Start: 6588, Stop: 8372, Start Num: 103
Candidate Starts for Chargerpower_12:
(Start: 103 @6588 has 236 MA's), (222, 6696), (241, 6720), (275, 6774), (281, 6786), (282, 6795), (298, 6819), (408, 6954), (487, 7050), (512, 7101), (513, 7104), (581, 7215), (593, 7239), (620, 7305), (631, 7329), (675, 7395), (693, 7428), (704, 7446), (722, 7461), (778, 7569), (848, 7680), (1064, 7920), (1080, 7935), (1088, 7947), (1113, 7974), (1193, 8091), (1405, 8328), (1433, 8355), (1435, 8358),

Gene: Charlie_2 Start: 504, Stop: 2036, Start Num: 230
Candidate Starts for Charlie_2:

(Start: 227 @501 has 25 MA's), (Start: 230 @504 has 31 MA's), (246, 516), (Start: 249 @519 has 1 MA's), (292, 576), (Start: 307 @594 has 198 MA's), (316, 606), (390, 678), (Start: 403 @696 has 1 MA's), (412, 714), (422, 735), (474, 798), (490, 837), (507, 870), (539, 918), (583, 1002), (593, 1017), (613, 1068), (618, 1077), (637, 1101), (659, 1140), (661, 1143), (677, 1155), (747, 1281), (766, 1305), (808, 1368), (878, 1452), (950, 1524), (962, 1548), (981, 1590), (987, 1599), (1043, 1656), (1080, 1695), (1136, 1752), (1146, 1758), (1152, 1761), (1187, 1782), (1226, 1830), (1278, 1866), (1349, 1947), (1353, 1953),

Gene: Charm_12 Start: 6308, Stop: 8080, Start Num: 117
Candidate Starts for Charm_12:
(Start: 103 @6296 has 236 MA's), (Start: 117 @6308 has 10 MA's), (241, 6425), (298, 6524), (414, 6674), (424, 6686), (487, 6758), (513, 6812), (538, 6851), (581, 6923), (610, 6995), (620, 7013), (631, 7037), (704, 7154), (722, 7169), (778, 7277), (823, 7352), (898, 7448), (1006, 7589), (1064, 7628), (1113, 7682), (1115, 7685), (1129, 7703), (1163, 7757), (1182, 7787), (1193, 7799), (1279, 7889), (1295, 7907), (1405, 8036), (1433, 8063), (1435, 8066),

Gene: Chartreuse_15 Start: 7480, Stop: 9234, Start Num: 103
Candidate Starts for Chartreuse_15:
(Start: 103 @7480 has 236 MA's), (298, 7711), (Start: 330 @7762 has 14 MA's), (362, 7798), (424, 7873), (513, 7996), (538, 8035), (581, 8104), (593, 8128), (594, 8131), (620, 8194), (631, 8218), (693, 8317), (696, 8320), (718, 8347), (722, 8350), (923, 8635), (992, 8722), (999, 8734), (1080, 8797), (1113, 8836), (1129, 8857), (1182, 8941), (1193, 8953), (1405, 9190), (1433, 9217), (1435, 9220),

Gene: Chaser_4 Start: 816, Stop: 2378, Start Num: 138
Candidate Starts for Chaser_4:
(Start: 138 @816 has 120 MA's), (Start: 142 @822 has 6 MA's), (Start: 284 @972 has 1 MA's), (Start: 333 @1038 has 4 MA's), (357, 1068), (396, 1092), (405, 1104), (426, 1149), (515, 1275), (594, 1413), (611, 1458), (675, 1533), (710, 1581), (776, 1659), (791, 1680), (807, 1704), (809, 1710), (827, 1740), (832, 1746), (863, 1782), (942, 1839), (962, 1872), (1050, 1977), (1060, 1986), (1104, 2010), (1116, 2031), (1172, 2097), (1278, 2199), (1394, 2319), (1400, 2325), (1420, 2346), (1448, 2370),

Gene: Chatham_3 Start: 1074, Stop: 2534, Start Num: 250
Candidate Starts for Chatham_3:
(Start: 250 @1074 has 144 MA's), (Start: 254 @1080 has 2 MA's), (358, 1242), (363, 1251), (399, 1311), (444, 1380), (465, 1401), (488, 1452), (619, 1656), (806, 1869), (817, 1884), (842, 1920), (880, 1962), (911, 1995), (926, 2013), (1015, 2133), (1020, 2136), (1039, 2148), (1113, 2223), (1172, 2286), (1187, 2304), (1190, 2307), (1330, 2469), (1337, 2478), (1344, 2487), (1372, 2526),

Gene: Chavito_8 Start: 1661, Stop: 3091, Start Num: 247
Candidate Starts for Chavito_8:
(Start: 197 @1619 has 3 MA's), (Start: 247 @1661 has 171 MA's), (Start: 322 @1751 has 1 MA's), (Start: 336 @1775 has 12 MA's), (342, 1781), (363, 1820), (391, 1859), (402, 1868), (405, 1874), (425, 1916), (444, 1934), (463, 1952), (487, 2003), (517, 2051), (532, 2078), (607, 2198), (611, 2207), (675, 2288), (742, 2336), (792, 2402), (820, 2450), (827, 2462), (851, 2492), (870, 2516), (893, 2543), (962, 2612), (993, 2654), (1064, 2708), (1107, 2747), (1112, 2756), (1160, 2819), (1187, 2843), (1283, 2933), (1353, 3023), (1358, 3029), (1389, 3062), (1425, 3080), (1431, 3086),

Gene: Che12_13 Start: 6255, Stop: 8039, Start Num: 103
Candidate Starts for Che12_13:
(Start: 103 @6255 has 236 MA's), (298, 6486), (362, 6573), (490, 6726), (512, 6768), (513, 6771), (581, 6882), (593, 6906), (594, 6909), (620, 6972), (631, 6996), (1113, 7641), (1129, 7662), (1182, 7746), (1193, 7758), (1295, 7866), (1405, 7995), (1433, 8022), (1435, 8025),

Gene: Che8_2 Start: 571, Stop: 2208, Start Num: 155
Candidate Starts for Che8_2:
(Start: 155 @571 has 202 MA's), (163, 580), (Start: 176 @595 has 3 MA's), (Start: 217 @628 has 1 MA's), (Start: 247 @652 has 171 MA's), (Start: 250 @655 has 144 MA's), (Start: 318 @718 has 1 MA's), (353, 757), (412, 844), (454, 904), (484, 928), (487, 937), (488, 940), (496, 961), (508, 982), (516, 997), (548, 1054), (575, 1093), (602, 1162), (604, 1168), (621, 1198), (622, 1201), (627, 1210), (635, 1225), (647, 1243), (680, 1294), (717, 1345), (736, 1387), (740, 1396), (862, 1567), (874, 1579), (920, 1597), (983, 1663), (1005, 1693), (1007, 1696), (1010, 1699), (1080, 1756), (1097, 1771), (1101, 1777), (1104, 1780), (1113, 1795), (1117, 1804), (1164, 1873), (1190, 1903), (1225, 1945), (1239, 1963), (1250, 1978), (1265, 2005), (1297, 2038), (1325, 2068), (1349, 2089), (1365, 2113), (1372, 2122), (1374, 2125), (1429, 2182),

Gene: Che9c_2 Start: 500, Stop: 2047, Start Num: 240
Candidate Starts for Che9c_2:
(Start: 225 @488 has 84 MA's), (Start: 240 @500 has 3 MA's), (292, 566), (Start: 307 @584 has 198 MA's), (399, 677), (431, 740), (474, 785), (488, 818), (528, 881), (544, 914), (566, 950), (583, 989), (593, 1004), (607, 1043), (613, 1055), (622, 1073), (637, 1088), (659, 1127), (690, 1166), (747, 1268), (766, 1292), (894, 1454), (940, 1496), (962, 1535), (1012, 1610), (1043, 1640), (1152, 1754), (1226, 1844), (1278, 1880), (1290, 1895), (1342, 1961), (1349, 1970), (1353, 1976), (1364, 1988), (1374, 1997), (1402, 2024),

Gene: CheeseSpider_2 Start: 352, Stop: 1959, Start Num: 164
Candidate Starts for CheeseSpider_2:
(Start: 119 @334 has 2 MA's), (Start: 164 @352 has 1 MA's), (Start: 167 @355 has 9 MA's), (Start: 173 @361 has 36 MA's), (289, 475), (Start: 318 @517 has 1 MA's), (Start: 333 @535 has 4 MA's), (342, 550), (384, 571), (399, 592), (405, 601), (419, 631), (431, 655), (465, 691), (483, 727), (487, 739), (501, 769), (513, 781), (515, 784), (620, 961), (648, 1003), (661, 1018), (675, 1033), (677, 1036), (745, 1111), (778, 1162), (919, 1318), (946, 1339), (949, 1342), (1002, 1429), (1015, 1441), (1057, 1474), (1060, 1477), (1107, 1516), (1112, 1525), (1146, 1558), (1157, 1582), (1172, 1594), (1174, 1597), (1224, 1657), (1226, 1660), (1234, 1669), (1317, 1738), (1466, 1942),

Gene: Cheesecake_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for Cheesecake_3:
(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (806, 1881), (817, 1896), (842, 1932), (880, 1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298), (1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: Cheesepuff_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for Cheesepuff_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 217 @629 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (454, 905), (473, 917), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (736, 1388), (740, 1397), (862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1250, 1979), (1265, 2006), (1297, 2039), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183), (1434, 2189),

Gene: Cheesy_8 Start: 3847, Stop: 5601, Start Num: 307
Candidate Starts for Cheesy_8:

(279, 3793), (Start: 303 @3841 has 2 MA's), (Start: 307 @3847 has 198 MA's), (363, 3940), (367, 3946), (502, 4213), (516, 4243), (532, 4273), (556, 4321), (570, 4339), (572, 4342), (589, 4384), (644, 4513), (750, 4699), (805, 4798), (847, 4870), (892, 4927), (950, 5005), (956, 5017), (1053, 5131), (1071, 5149), (1109, 5194), (1120, 5218), (1123, 5221), (1150, 5260), (1249, 5401), (1288, 5446), (1290, 5449), (1299, 5461), (1336, 5509), (1363, 5542), (1370, 5551), (1372, 5554),

Gene: CheetoDust_8 Start: 1613, Stop: 3034, Start Num: 247
Candidate Starts for CheetoDust_8:
(Start: 165 @1541 has 76 MA's), (Start: 230 @1601 has 31 MA's), (Start: 247 @1613 has 171 MA's), (Start: 336 @1724 has 12 MA's), (342, 1730), (391, 1808), (402, 1817), (425, 1865), (444, 1883), (487, 1952), (514, 1994), (517, 2000), (532, 2027), (533, 2030), (607, 2147), (611, 2156), (675, 2237), (792, 2351), (820, 2399), (827, 2411), (851, 2441), (870, 2465), (880, 2477), (959, 2555), (962, 2561), (1112, 2705), (1146, 2738), (1187, 2792), (1353, 2969), (1425, 3023),

Gene: Cheetobro_9 Start: 2478, Stop: 3920, Start Num: 247
Candidate Starts for Cheetobro_9:
(Start: 247 @2478 has 171 MA's), (Start: 336 @2583 has 12 MA's), (391, 2667), (402, 2676), (419, 2712), (425, 2724), (434, 2739), (463, 2766), (487, 2817), (493, 2835), (517, 2865), (532, 2892), (591, 2970), (611, 3021), (613, 3024), (675, 3102), (679, 3111), (742, 3150), (792, 3216), (820, 3264), (851, 3306), (962, 3423), (992, 3465), (1042, 3510), (1111, 3579), (1150, 3624), (1160, 3645), (1187, 3669), (1353, 3846), (1425, 3909), (1431, 3915),

Gene: CherryBlossom_8 Start: 3163, Stop: 4908, Start Num: 307
Candidate Starts for CherryBlossom_8:
(Start: 307 @3163 has 198 MA's), (342, 3217), (345, 3220), (363, 3256), (367, 3262), (488, 3496), (535, 3595), (556, 3637), (572, 3658), (589, 3700), (594, 3712), (637, 3811), (644, 3829), (666, 3865), (791, 4090), (805, 4114), (808, 4120), (892, 4243), (950, 4312), (1050, 4429), (1052, 4435), (1071, 4456), (1120, 4525), (1123, 4528), (1156, 4579), (1223, 4666), (1273, 4732), (1288, 4753), (1290, 4756), (1299, 4768), (1315, 4786), (1370, 4858), (1372, 4861),

Gene: Cherrybomb426_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for Cherrybomb426_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: CherryonLim_5 Start: 1648, Stop: 3324, Start Num: 170
Candidate Starts for CherryonLim_5:
(Start: 170 @1648 has 103 MA's), (Start: 232 @1699 has 1 MA's), (Start: 249 @1720 has 1 MA's), (304, 1765), (362, 1843), (415, 1909), (477, 1972), (490, 2005), (509, 2041), (513, 2050), (515, 2053), (535, 2086), (543, 2101), (552, 2119), (595, 2200), (603, 2221), (625, 2257), (636, 2278), (659, 2314), (701, 2380), (735, 2434), (842, 2614), (866, 2647), (954, 2713), (956, 2716), (987, 2779), (992, 2785), (1146, 2950), (1163, 2983), (1219, 3052), (1292, 3130), (1295, 3133), (1370, 3223), (1374, 3229), (1394, 3250), (1454, 3310), (1456, 3313),

Gene: Chestnut_4 Start: 800, Stop: 2290, Start Num: 202
Candidate Starts for Chestnut_4:
(Start: 202 @800 has 39 MA's), (245, 845), (Start: 318 @947 has 1 MA's), (Start: 333 @965 has 4 MA's), (Start: 336 @974 has 12 MA's), (Start: 397 @1025 has 4 MA's), (399, 1028), (405, 1037), (419, 1067), (434, 1094), (506, 1193), (577, 1292), (585, 1316), (586, 1319), (588, 1322), (607, 1367), (789,

1601), (820, 1649), (827, 1661), (864, 1700), (886, 1718), (902, 1730), (904, 1733), (922, 1754), (937, 1760), (946, 1772), (987, 1850), (1047, 1904), (1112, 1958), (1121, 1970), (1156, 2015), (1206, 2063), (1299, 2147), (1349, 2204), (1406, 2273),

Gene: Chevrolet_2 Start: 573, Stop: 2210, Start Num: 155
Candidate Starts for Chevrolet_2:
(Start: 155 @573 has 202 MA's), (163, 582), (Start: 176 @597 has 3 MA's), (Start: 204 @618 has 1 MA's), (Start: 217 @630 has 1 MA's), (Start: 247 @654 has 171 MA's), (Start: 250 @657 has 144 MA's), (Start: 318 @720 has 1 MA's), (353, 759), (412, 846), (454, 906), (473, 918), (484, 930), (487, 939), (488, 942), (496, 963), (508, 984), (516, 999), (548, 1056), (575, 1095), (602, 1164), (604, 1170), (621, 1200), (622, 1203), (627, 1212), (635, 1227), (647, 1245), (680, 1296), (736, 1389), (740, 1398), (862, 1569), (874, 1581), (983, 1665), (1005, 1695), (1007, 1698), (1010, 1701), (1080, 1758), (1097, 1773), (1101, 1779), (1104, 1782), (1113, 1797), (1117, 1806), (1164, 1875), (1190, 1905), (1196, 1914), (1225, 1947), (1250, 1980), (1265, 2007), (1297, 2040), (1315, 2061), (1320, 2067), (1325, 2070), (1349, 2091), (1365, 2115), (1372, 2124), (1374, 2127), (1429, 2184),

Gene: ChewChew_2 Start: 426, Stop: 1991, Start Num: 165
Candidate Starts for ChewChew_2:
(Start: 165 @426 has 76 MA's), (270, 549), (310, 603), (Start: 333 @636 has 4 MA's), (334, 639), (Start: 397 @690 has 4 MA's), (419, 732), (426, 747), (431, 756), (463, 780), (557, 942), (620, 1077), (630, 1098), (650, 1137), (770, 1236), (790, 1266), (803, 1281), (818, 1314), (852, 1362), (861, 1371), (941, 1449), (961, 1485), (983, 1524), (1020, 1566), (1046, 1593), (1105, 1647), (1133, 1689), (1197, 1734), (1212, 1755), (1232, 1779), (1328, 1857),

Gene: Chewbacca_2 Start: 501, Stop: 2036, Start Num: 227
Candidate Starts for Chewbacca_2:
(Start: 227 @501 has 25 MA's), (Start: 230 @504 has 31 MA's), (246, 516), (Start: 249 @519 has 1 MA's), (292, 576), (Start: 307 @594 has 198 MA's), (316, 606), (390, 678), (Start: 403 @696 has 1 MA's), (412, 714), (422, 735), (474, 798), (490, 837), (507, 870), (539, 918), (583, 1002), (593, 1017), (613, 1068), (618, 1077), (637, 1101), (659, 1140), (661, 1143), (677, 1155), (747, 1281), (766, 1305), (808, 1368), (878, 1452), (950, 1524), (962, 1548), (981, 1590), (987, 1599), (1043, 1656), (1080, 1695), (1136, 1752), (1146, 1758), (1152, 1761), (1187, 1782), (1226, 1830), (1278, 1866), (1349, 1947), (1353, 1953),

Gene: ChewyVIII_38 Start: 19903, Stop: 21543, Start Num: 189
Candidate Starts for ChewyVIII_38:
(Start: 162 @19873 has 4 MA's), (169, 19882), (Start: 189 @19903 has 1 MA's), (Start: 217 @19930 has 1 MA's), (261, 19975), (283, 19984), (375, 20107), (379, 20113), (402, 20140), (424, 20185), (452, 20224), (485, 20257), (487, 20263), (591, 20461), (621, 20524), (691, 20635), (726, 20680), (740, 20719), (801, 20806), (824, 20848), (965, 20974), (1082, 21118), (1136, 21187), (1142, 21193), (1196, 21262), (1237, 21310), (1287, 21367), (1387, 21478), (1401, 21487), (1434, 21523),

Gene: Chickaboom_2 Start: 410, Stop: 1990, Start Num: 238
Candidate Starts for Chickaboom_2:
(150, 320), (Start: 171 @344 has 16 MA's), (Start: 238 @410 has 22 MA's), (Start: 309 @506 has 15 MA's), (314, 515), (405, 608), (424, 647), (431, 662), (620, 959), (625, 971), (628, 977), (650, 1019), (665, 1040), (700, 1100), (720, 1130), (731, 1139), (774, 1202), (954, 1418), (961, 1430), (1003, 1496), (1020, 1511), (1048, 1541), (1096, 1580), (1102, 1589), (1110, 1598), (1176, 1688), (1364, 1898), (1449, 1979),

Gene: Chicken_3 Start: 749, Stop: 2329, Start Num: 238
Candidate Starts for Chicken_3:

(Start: 171 @689 has 16 MA's), (Start: 238 @749 has 22 MA's), (Start: 309 @845 has 15 MA's), (314, 854), (Start: 318 @863 has 1 MA's), (334, 884), (Start: 397 @935 has 4 MA's), (424, 986), (431, 1001), (474, 1046), (598, 1247), (620, 1298), (631, 1322), (650, 1358), (665, 1379), (700, 1439), (720, 1469), (731, 1478), (774, 1541), (952, 1751), (961, 1769), (1003, 1835), (1009, 1841), (1020, 1850), (1048, 1880), (1096, 1919), (1151, 1997), (1189, 2042), (1200, 2054), (1305, 2168), (1364, 2237), (1369, 2243), (1378, 2255), (1385, 2264), (1449, 2318),

Gene: ChickenTender_6 Start: 1161, Stop: 2840, Start Num: 170
Candidate Starts for ChickenTender_6:
(Start: 170 @1161 has 103 MA's), (Start: 232 @1212 has 1 MA's), (Start: 249 @1233 has 1 MA's), (Start: 251 @1236 has 3 MA's), (304, 1278), (362, 1359), (415, 1425), (424, 1434), (485, 1506), (490, 1521), (509, 1557), (513, 1566), (543, 1617), (595, 1716), (623, 1770), (645, 1806), (735, 1950), (760, 1986), (780, 2025), (798, 2058), (825, 2106), (848, 2139), (866, 2163), (921, 2196), (954, 2229), (981, 2286), (987, 2295), (1076, 2379), (1100, 2406), (1146, 2466), (1214, 2562), (1282, 2634), (1292, 2646), (1394, 2766), (1454, 2826), (1456, 2829),

Gene: ChickyNuggy_14 Start: 7311, Stop: 8957, Start Num: 367
Candidate Starts for ChickyNuggy_14:
(Start: 307 @7212 has 198 MA's), (310, 7218), (363, 7305), (367, 7311), (387, 7347), (417, 7401), (467, 7497), (556, 7686), (570, 7704), (572, 7707), (599, 7776), (644, 7878), (666, 7914), (680, 7935), (693, 7959), (728, 8016), (750, 8064), (785, 8130), (805, 8163), (808, 8169), (823, 8199), (837, 8220), (892, 8292), (1053, 8487), (1111, 8553), (1120, 8574), (1123, 8577), (1160, 8637), (1244, 8748), (1274, 8784), (1290, 8805), (1299, 8817), (1334, 8862), (1336, 8865), (1370, 8907), (1372, 8910),

Gene: Chikenjars_17 Start: 10501, Stop: 12246, Start Num: 307
Candidate Starts for Chikenjars_17:
(Start: 307 @10501 has 198 MA's), (310, 10507), (363, 10594), (367, 10600), (387, 10636), (417, 10690), (420, 10696), (469, 10792), (502, 10867), (556, 10975), (572, 10996), (599, 11065), (644, 11167), (680, 11224), (709, 11281), (722, 11293), (750, 11353), (805, 11452), (808, 11458), (841, 11515), (892, 11581), (1050, 11767), (1053, 11776), (1088, 11818), (1111, 11842), (1120, 11863), (1123, 11866), (1288, 12091), (1290, 12094), (1299, 12106), (1370, 12196), (1372, 12199),

Gene: ChiliPepper_3 Start: 944, Stop: 2563, Start Num: 225
Candidate Starts for ChiliPepper_3:
(4, 410), (Start: 220 @938 has 6 MA's), (Start: 225 @944 has 84 MA's), (339, 1100), (422, 1190), (431, 1208), (459, 1223), (490, 1292), (501, 1313), (503, 1316), (518, 1334), (569, 1391), (594, 1442), (595, 1445), (620, 1505), (630, 1526), (643, 1553), (662, 1583), (921, 1922), (1015, 2045), (1296, 2360), (1328, 2399), (1447, 2516),

Gene: ChipMunk_14 Start: 7824, Stop: 9611, Start Num: 103
Candidate Starts for ChipMunk_14:
(Start: 103 @7824 has 236 MA's), (Start: 217 @7932 has 1 MA's), (234, 7953), (298, 8061), (362, 8148), (487, 8292), (512, 8343), (513, 8346), (581, 8454), (620, 8544), (631, 8568), (704, 8685), (722, 8700), (916, 9000), (1088, 9186), (1113, 9213), (1129, 9234), (1193, 9330), (1405, 9567), (1435, 9597),

Gene: Chipko_2 Start: 584, Stop: 2194, Start Num: 185
Candidate Starts for Chipko_2:
(Start: 185 @584 has 14 MA's), (339, 767), (465, 902), (487, 950), (532, 1022), (620, 1175), (648, 1217), (675, 1247), (737, 1352), (745, 1361), (803, 1442), (804, 1445), (813, 1463), (855, 1508), (888, 1541), (912, 1568), (970, 1646), (1055, 1733), (1080, 1757), (1170, 1850), (1172, 1853), (1187, 1871), (1278, 1955), (1432, 2129),

Gene: ChipsNGuac_4 Start: 1251, Stop: 2789, Start Num: 211
Candidate Starts for ChipsNGuac_4:
(Start: 211 @1251 has 13 MA's), (259, 1296), (405, 1455), (458, 1518), (495, 1605), (611, 1845), (618, 1857), (650, 1914), (750, 2073), (808, 2160), (938, 2292), (1084, 2460), (1228, 2592),

Gene: Chiqui_10 Start: 6717, Stop: 8414, Start Num: 102
Candidate Starts for Chiqui_10:
(Start: 102 @6717 has 400 MA's), (168, 6789), (381, 6987), (424, 7050), (508, 7161), (513, 7173), (538, 7212), (550, 7224), (581, 7281), (593, 7305), (620, 7371), (623, 7380), (675, 7461), (690, 7488), (774, 7626), (812, 7692), (825, 7713), (848, 7746), (923, 7812), (983, 7887), (999, 7911), (1001, 7914), (1006, 7920), (1015, 7929), (1080, 7977), (1113, 8016), (1129, 8037), (1193, 8133), (1236, 8178), (1241, 8187), (1374, 8340), (1405, 8370), (1435, 8400), (1438, 8403),

Gene: Chlochlo_7 Start: 3522, Stop: 5264, Start Num: 307
Candidate Starts for Chlochlo_7:
(Start: 303 @3516 has 2 MA's), (Start: 307 @3522 has 198 MA's), (367, 3621), (433, 3741), (485, 3840), (516, 3912), (556, 3990), (572, 4011), (611, 4113), (644, 4182), (663, 4215), (750, 4368), (791, 4443), (805, 4467), (872, 4572), (892, 4596), (956, 4677), (1053, 4794), (1071, 4812), (1076, 4818), (1111, 4860), (1120, 4881), (1123, 4884), (1249, 5064), (1273, 5088), (1290, 5112), (1299, 5124), (1315, 5142), (1370, 5214), (1372, 5217),

Gene: ChocoMunchkin_4 Start: 1120, Stop: 2799, Start Num: 170
Candidate Starts for ChocoMunchkin_4:
(Start: 170 @1120 has 103 MA's), (Start: 232 @1171 has 1 MA's), (Start: 249 @1192 has 1 MA's), (Start: 251 @1195 has 3 MA's), (304, 1237), (354, 1303), (407, 1363), (415, 1384), (424, 1393), (490, 1480), (509, 1516), (513, 1525), (543, 1576), (595, 1675), (623, 1729), (645, 1765), (735, 1909), (760, 1945), (780, 1984), (874, 2131), (921, 2155), (987, 2254), (1076, 2338), (1146, 2425), (1214, 2521), (1269, 2569), (1282, 2593), (1330, 2644), (1394, 2725), (1454, 2785), (1456, 2788),

Gene: Cholula_5 Start: 3127, Stop: 4692, Start Num: 165
Candidate Starts for Cholula_5:
(Start: 165 @3127 has 76 MA's), (Start: 333 @3337 has 4 MA's), (Start: 397 @3391 has 4 MA's), (431, 3457), (463, 3481), (584, 3697), (593, 3712), (595, 3718), (620, 3778), (650, 3838), (770, 3937), (790, 3967), (803, 3982), (852, 4063), (936, 4141), (941, 4150), (961, 4186), (983, 4225), (1009, 4258), (1020, 4267), (1046, 4294), (1105, 4348), (1133, 4390), (1197, 4435), (1212, 4456), (1328, 4558), (1451, 4678),

Gene: Chop_6 Start: 1978, Stop: 3408, Start Num: 317
Candidate Starts for Chop_6:
(Start: 176 @1810 has 3 MA's), (Start: 179 @1813 has 1 MA's), (188, 1822), (Start: 317 @1978 has 15 MA's), (Start: 330 @1996 has 14 MA's), (431, 2119), (459, 2137), (481, 2176), (484, 2185), (536, 2269), (594, 2353), (600, 2368), (613, 2401), (659, 2467), (752, 2599), (893, 2788), (954, 2848), (973, 2890), (1023, 2941), (1111, 3016), (1112, 3019), (1139, 3046), (1187, 3106), (1213, 3139), (1226, 3154), (1278, 3190), (1317, 3232), (1336, 3259), (1371, 3295), (1377, 3301), (1409, 3340),

Gene: ChosenOne_7 Start: 1729, Stop: 3399, Start Num: 394
Candidate Starts for ChosenOne_7:
(319, 1603), (364, 1681), (Start: 394 @1729 has 48 MA's), (427, 1792), (551, 2026), (598, 2128), (693, 2308), (710, 2332), (724, 2350), (732, 2362), (768, 2425), (776, 2437), (808, 2482), (815, 2497), (873, 2575), (911, 2620), (934, 2674), (935, 2680), (1000, 2794), (1037, 2842), (1104, 2938), (1116, 2959), (1124, 2974), (1218, 3127), (1232, 3139), (1279, 3196), (1307, 3232), (1346, 3283), (1372, 3319), (1374, 3322), (1438, 3388),

Gene: ChotaBhai_8 Start: 1963, Stop: 3633, Start Num: 389
Candidate Starts for ChotaBhai_8:
(Start: 389 @1963 has 11 MA's), (551, 2260), (598, 2362), (693, 2542), (710, 2566), (724, 2584), (732, 2596), (768, 2659), (776, 2671), (808, 2716), (815, 2731), (873, 2809), (911, 2854), (934, 2908), (935, 2914), (1000, 3028), (1037, 3076), (1104, 3172), (1124, 3208), (1218, 3361), (1232, 3373), (1279, 3430), (1307, 3466), (1346, 3517), (1372, 3553), (1374, 3556), (1438, 3622),

Gene: Chridison_2 Start: 429, Stop: 1994, Start Num: 165
Candidate Starts for Chridison_2:
(Start: 165 @429 has 76 MA's), (Start: 307 @600 has 198 MA's), (Start: 397 @693 has 4 MA's), (426, 750), (431, 759), (463, 783), (488, 837), (569, 966), (593, 1014), (620, 1080), (650, 1140), (672, 1170), (790, 1269), (803, 1284), (941, 1452), (983, 1527), (1009, 1560), (1100, 1644), (1133, 1692), (1177, 1716), (1283, 1806), (1328, 1860), (1404, 1941), (1451, 1980),

Gene: Chris_7 Start: 1525, Stop: 2949, Start Num: 247
Candidate Starts for Chris_7:
(Start: 247 @1525 has 171 MA's), (310, 1591), (Start: 322 @1612 has 1 MA's), (Start: 336 @1636 has 12 MA's), (363, 1681), (391, 1720), (402, 1729), (425, 1777), (444, 1795), (463, 1813), (487, 1864), (532, 1939), (591, 2017), (607, 2059), (611, 2068), (675, 2149), (792, 2263), (816, 2305), (820, 2311), (827, 2323), (851, 2353), (893, 2404), (962, 2473), (993, 2515), (1112, 2617), (1142, 2647), (1146, 2650), (1172, 2686), (1187, 2704), (1216, 2737), (1358, 2887), (1425, 2938),

Gene: Christian_2 Start: 426, Stop: 1991, Start Num: 165
Candidate Starts for Christian_2:
(Start: 165 @426 has 76 MA's), (270, 549), (Start: 333 @636 has 4 MA's), (334, 639), (Start: 397 @690 has 4 MA's), (419, 732), (431, 756), (463, 780), (557, 942), (620, 1077), (630, 1098), (650, 1137), (770, 1236), (790, 1266), (803, 1281), (818, 1314), (852, 1362), (861, 1371), (941, 1449), (961, 1485), (983, 1524), (1009, 1557), (1020, 1566), (1046, 1593), (1105, 1647), (1133, 1689), (1176, 1710), (1197, 1734), (1212, 1755), (1232, 1779), (1328, 1857),

Gene: ChristmasHams_11 Start: 7055, Stop: 8743, Start Num: 102
Candidate Starts for ChristmasHams_11:
(Start: 102 @7055 has 400 MA's), (381, 7319), (402, 7343), (513, 7505), (535, 7538), (581, 7613), (620, 7703), (631, 7727), (647, 7754), (679, 7802), (774, 7958), (809, 8018), (1001, 8243), (1009, 8252), (1021, 8264), (1080, 8306), (1100, 8327), (1117, 8354), (1193, 8462), (1279, 8552), (1365, 8657),

Gene: Chubbello_2 Start: 412, Stop: 2088, Start Num: 138
Candidate Starts for Chubbello_2:
(Start: 138 @412 has 120 MA's), (Start: 318 @628 has 1 MA's), (349, 667), (380, 724), (384, 730), (396, 748), (421, 793), (426, 805), (431, 814), (444, 820), (483, 877), (490, 898), (495, 910), (558, 1000), (659, 1189), (745, 1285), (766, 1315), (778, 1336), (919, 1489), (1107, 1687), (1112, 1696), (1139, 1723), (1172, 1765), (1187, 1783), (1278, 1867), (1290, 1882), (1463, 2071),

Gene: ChuckDuck_2 Start: 625, Stop: 2373, Start Num: 330
Candidate Starts for ChuckDuck_2:
(294, 574), (311, 601), (Start: 330 @625 has 14 MA's), (388, 718), (404, 742), (469, 859), (473, 865), (486, 898), (487, 901), (493, 919), (513, 961), (523, 979), (554, 1039), (566, 1063), (576, 1075), (590, 1114), (598, 1135), (611, 1168), (641, 1222), (656, 1255), (660, 1261), (732, 1363), (766, 1420), (774, 1435), (807, 1474), (873, 1570), (986, 1747), (994, 1762), (1011, 1786), (1135, 1969), (1147, 1996), (1158, 2020), (1165, 2038), (1187, 2068), (1232, 2125), (1253, 2152), (1281, 2176), (1289, 2185), (1303, 2203), (1372, 2290),

Gene: Chuckly_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Chuckly_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: Chucky_6 Start: 2377, Stop: 4023, Start Num: 95
Candidate Starts for Chucky_6:
(Start: 95 @2377 has 98 MA's), (Start: 113 @2395 has 11 MA's), (Start: 251 @2527 has 3 MA's), (Start: 330 @2599 has 14 MA's), (362, 2635), (504, 2815), (515, 2836), (548, 2881), (575, 2923), (603, 2995), (620, 3019), (680, 3118), (690, 3133), (704, 3157), (712, 3163), (838, 3331), (983, 3481), (997, 3502), (1064, 3565), (1088, 3592), (1165, 3700), (1193, 3739), (1214, 3760), (1219, 3766), (1236, 3784), (1325, 3880), (1372, 3940), (1445, 4018),

Gene: Chupacabra_11 Start: 6706, Stop: 8379, Start Num: 102
Candidate Starts for Chupacabra_11:
(Start: 102 @6706 has 400 MA's), (Start: 251 @6835 has 3 MA's), (Start: 318 @6901 has 1 MA's), (381, 6967), (412, 7012), (467, 7066), (490, 7108), (513, 7153), (538, 7192), (575, 7240), (581, 7261), (593, 7285), (620, 7336), (693, 7459), (704, 7477), (735, 7528), (782, 7606), (816, 7666), (848, 7711), (923, 7777), (981, 7849), (983, 7852), (999, 7876), (1080, 7942), (1113, 7981), (1115, 7984), (1129, 8002), (1193, 8098), (1250, 8167), (1405, 8335), (1435, 8365), (1438, 8368),

Gene: ChutneyChips_4 Start: 816, Stop: 2378, Start Num: 138
Candidate Starts for ChutneyChips_4:
(Start: 138 @816 has 120 MA's), (Start: 142 @822 has 6 MA's), (Start: 284 @972 has 1 MA's), (Start: 333 @1038 has 4 MA's), (357, 1068), (396, 1092), (405, 1104), (515, 1275), (594, 1413), (611, 1458), (675, 1533), (710, 1581), (766, 1644), (776, 1659), (791, 1680), (807, 1704), (809, 1710), (827, 1740), (832, 1746), (863, 1782), (942, 1839), (962, 1872), (1050, 1977), (1060, 1986), (1104, 2010), (1116, 2031), (1172, 2097), (1278, 2199), (1394, 2319), (1400, 2325), (1420, 2346), (1448, 2370),

Gene: Chymera_2 Start: 579, Stop: 2390, Start Num: 324
Candidate Starts for Chymera_2:
(Start: 324 @579 has 1 MA's), (366, 651), (368, 654), (475, 843), (477, 846), (530, 954), (555, 1005), (598, 1098), (641, 1191), (699, 1290), (721, 1326), (776, 1434), (819, 1515), (935, 1698), (944, 1713), (1000, 1812), (1044, 1860), (1067, 1878), (1196, 2094), (1199, 2097), (1218, 2124), (1230, 2136), (1240, 2148), (1289, 2205), (1395, 2346), (1437, 2379),

Gene: Ciao_11 Start: 6974, Stop: 8662, Start Num: 102
Candidate Starts for Ciao_11:
(Start: 102 @6974 has 400 MA's), (Start: 309 @7154 has 15 MA's), (381, 7238), (408, 7274), (424, 7301), (499, 7397), (513, 7424), (535, 7457), (581, 7532), (620, 7622), (631, 7646), (679, 7721), (728, 7790), (774, 7877), (809, 7937), (1009, 8171), (1021, 8183), (1080, 8225), (1100, 8246), (1117, 8273), (1193, 8381), (1279, 8471), (1365, 8576),

Gene: CicholasNage_4 Start: 1059, Stop: 2636, Start Num: 142
Candidate Starts for CicholasNage_4:

(Start: 138 @1053 has 120 MA's), (Start: 142 @1059 has 6 MA's), (293, 1230), (361, 1317), (396, 1335), (402, 1341), (419, 1377), (513, 1515), (515, 1518), (566, 1593), (591, 1647), (593, 1650), (594, 1653), (710, 1821), (762, 1875), (766, 1884), (776, 1899), (791, 1920), (813, 1959), (827, 1980), (832, 1986), (855, 2013), (900, 2055), (942, 2079), (954, 2097), (959, 2106), (962, 2112), (977, 2145), (1009, 2178), (1050, 2217), (1057, 2223), (1060, 2226), (1116, 2271), (1172, 2337), (1213, 2388), (1226, 2403), (1234, 2412), (1263, 2427), (1266, 2430), (1373, 2532), (1394, 2559), (1448, 2610), (1450, 2613),

Gene: Cici_11 Start: 6881, Stop: 8578, Start Num: 102
Candidate Starts for Cici_11:
(Start: 102 @6881 has 400 MA's), (Start: 124 @6905 has 46 MA's), (381, 7151), (469, 7256), (512, 7334), (513, 7337), (538, 7376), (581, 7445), (593, 7469), (620, 7535), (675, 7625), (774, 7790), (803, 7835), (825, 7877), (848, 7910), (923, 7976), (981, 8048), (983, 8051), (999, 8075), (1080, 8141), (1113, 8180), (1129, 8201), (1193, 8297), (1402, 8531), (1405, 8534), (1435, 8564), (1438, 8567),

Gene: Ciel_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for Ciel_3:
(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (806, 1881), (817, 1896), (842, 1932), (880, 1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298), (1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: Cindaradix_10 Start: 6590, Stop: 8287, Start Num: 102
Candidate Starts for Cindaradix_10:
(Start: 102 @6590 has 400 MA's), (Start: 124 @6614 has 46 MA's), (381, 6860), (512, 7043), (513, 7046), (538, 7085), (581, 7154), (593, 7178), (620, 7244), (623, 7253), (675, 7334), (693, 7367), (772, 7496), (774, 7499), (803, 7544), (825, 7586), (848, 7619), (983, 7760), (999, 7784), (1001, 7787), (1080, 7850), (1113, 7889), (1129, 7910), (1193, 8006), (1250, 8075), (1295, 8114), (1402, 8240), (1405, 8243), (1435, 8273), (1438, 8276),

Gene: Cintron_11 Start: 6929, Stop: 8626, Start Num: 102
Candidate Starts for Cintron_11:
(Start: 102 @6929 has 400 MA's), (Start: 124 @6953 has 46 MA's), (Start: 251 @7076 has 3 MA's), (350, 7166), (381, 7199), (467, 7298), (512, 7382), (513, 7385), (538, 7424), (581, 7493), (593, 7517), (620, 7583), (675, 7673), (774, 7838), (825, 7925), (848, 7958), (981, 8096), (983, 8099), (999, 8123), (1080, 8189), (1113, 8228), (1129, 8249), (1193, 8345), (1402, 8579), (1405, 8582), (1435, 8612), (1438, 8615),

Gene: Circum_8 Start: 3847, Stop: 5601, Start Num: 307
Candidate Starts for Circum_8:
(279, 3793), (Start: 303 @3841 has 2 MA's), (Start: 307 @3847 has 198 MA's), (363, 3940), (367, 3946), (469, 4138), (502, 4213), (516, 4243), (532, 4273), (556, 4321), (572, 4342), (644, 4513), (750, 4699), (805, 4798), (847, 4870), (892, 4927), (950, 5005), (956, 5017), (1053, 5131), (1071, 5149), (1109, 5194), (1120, 5218), (1123, 5221), (1150, 5260), (1249, 5401), (1288, 5446), (1290, 5449), (1299, 5461), (1336, 5509), (1363, 5542), (1370, 5551), (1372, 5554),

Gene: Citius_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Citius_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Citrus_16 Start: 10508, Stop: 12253, Start Num: 307
Candidate Starts for Citrus_16:
(Start: 307 @10508 has 198 MA's), (310, 10514), (363, 10601), (367, 10607), (387, 10643), (417, 10697), (420, 10703), (469, 10799), (502, 10874), (556, 10982), (572, 11003), (599, 11072), (644, 11174), (680, 11231), (709, 11288), (722, 11300), (750, 11360), (805, 11459), (808, 11465), (841, 11522), (892, 11588), (1050, 11774), (1053, 11783), (1088, 11825), (1111, 11849), (1120, 11870), (1123, 11873), (1288, 12098), (1290, 12101), (1299, 12113), (1370, 12203), (1372, 12206),

Gene: Clammy_11 Start: 6496, Stop: 8193, Start Num: 102
Candidate Starts for Clammy_11:
(Start: 102 @6496 has 400 MA's), (Start: 124 @6520 has 46 MA's), (168, 6568), (381, 6766), (424, 6829), (508, 6940), (513, 6952), (538, 6991), (550, 7003), (581, 7060), (593, 7084), (620, 7150), (623, 7159), (675, 7240), (690, 7267), (774, 7405), (825, 7492), (848, 7525), (923, 7591), (983, 7666), (999, 7690), (1001, 7693), (1006, 7699), (1015, 7708), (1064, 7741), (1080, 7756), (1129, 7816), (1193, 7912), (1236, 7957), (1241, 7966), (1374, 8119), (1405, 8149), (1435, 8179), (1438, 8182),

Gene: Clank_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Clank_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: Clap_2 Start: 318, Stop: 1889, Start Num: 151
Candidate Starts for Clap_2:
(Start: 151 @318 has 55 MA's), (259, 426), (Start: 297 @474 has 6 MA's), (Start: 318 @504 has 1 MA's), (342, 537), (421, 621), (425, 630), (465, 666), (491, 726), (566, 816), (607, 912), (620, 936), (648, 978), (689, 1032), (723, 1071), (778, 1137), (789, 1149), (808, 1179), (840, 1212), (919, 1293), (959, 1338), (962, 1344), (971, 1365), (1054, 1455), (1109, 1500), (1112, 1506), (1142, 1536), (1146, 1539), (1187, 1593), (1216, 1629), (1280, 1680), (1331, 1740), (1334, 1743), (1371, 1785), (1461, 1872),

Gene: Clarenza_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Clarenza_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Clark_3 Start: 820, Stop: 2379, Start Num: 151
Candidate Starts for Clark_3:
(Start: 151 @820 has 55 MA's), (259, 928), (Start: 318 @1006 has 1 MA's), (342, 1039), (419, 1120), (421, 1123), (425, 1132), (465, 1168), (491, 1228), (566, 1318), (568, 1321), (607, 1414), (611, 1423), (620, 1438), (680, 1522), (723, 1573), (778, 1639), (808, 1681), (875, 1750), (880, 1756), (919, 1795), (946, 1816), (959, 1840), (962, 1846), (971, 1867), (1009, 1912), (1054, 1948), (1057, 1951), (1109, 1993), (1216, 2122), (1280, 2173), (1390, 2302), (1461, 2362),

Gene: Clarkson_36 Start: 11120, Stop: 12862, Start Num: 170
Candidate Starts for Clarkson_36:
(Start: 170 @11120 has 103 MA's), (302, 11237), (Start: 330 @11282 has 14 MA's), (369, 11348), (374, 11363), (402, 11396), (Start: 403 @11399 has 1 MA's), (411, 11414), (425, 11438), (426, 11441), (467, 11471), (479, 11492), (485, 11510), (488, 11519), (505, 11555), (513, 11570), (543, 11615), (575, 11657), (590, 11696), (595, 11708), (603, 11729), (632, 11780), (647, 11801), (798, 12023), (866, 12128), (874, 12137), (930, 12170), (954, 12191), (956, 12194), (969, 12221), (983, 12251), (992, 12263), (1001, 12278), (1009, 12287), (1015, 12293), (1062, 12335), (1074, 12344), (1084, 12359), (1100, 12374), (1146, 12434), (1163, 12473), (1185, 12506), (1214, 12536), (1217, 12539), (1265, 12623), (1292, 12677), (1304, 12692), (1332, 12719), (1372, 12773), (1451, 12845), (1453, 12848),

Gene: Claus_4 Start: 1081, Stop: 2649, Start Num: 138
Candidate Starts for Claus_4:
(Start: 138 @1081 has 120 MA's), (Start: 142 @1087 has 6 MA's), (149, 1096), (Start: 157 @1105 has 1 MA's), (Start: 284 @1243 has 1 MA's), (361, 1345), (444, 1435), (512, 1540), (591, 1678), (594, 1684), (602, 1705), (611, 1729), (675, 1804), (710, 1852), (762, 1906), (776, 1930), (791, 1951), (807, 1975), (809, 1981), (827, 2011), (832, 2017), (863, 2053), (942, 2110), (954, 2128), (962, 2143), (1023, 2221), (1060, 2257), (1071, 2266), (1116, 2302), (1172, 2368), (1174, 2371), (1234, 2443), (1266, 2461), (1278, 2470), (1420, 2617), (1448, 2641), (1450, 2644),

Gene: Clautastrophe_5 Start: 1190, Stop: 2755, Start Num: 138
Candidate Starts for Clautastrophe_5:
(97, 1139), (Start: 105 @1148 has 85 MA's), (Start: 138 @1190 has 120 MA's), (Start: 142 @1196 has 6 MA's), (293, 1367), (Start: 317 @1397 has 15 MA's), (396, 1472), (402, 1478), (405, 1484), (506, 1640), (512, 1649), (513, 1652), (515, 1655), (566, 1730), (591, 1784), (593, 1787), (594, 1790), (766, 2021), (813, 2096), (827, 2117), (832, 2123), (900, 2192), (942, 2216), (954, 2234), (962, 2249), (1060, 2363), (1113, 2402), (1116, 2408), (1172, 2474), (1216, 2528), (1263, 2564), (1278, 2576), (1329, 2615), (1400, 2702), (1448, 2747), (1450, 2750),

Gene: Clayda5_2 Start: 593, Stop: 2155, Start Num: 225
Candidate Starts for Clayda5_2:
(Start: 225 @593 has 84 MA's), (Start: 307 @701 has 198 MA's), (339, 749), (431, 857), (444, 863), (459, 872), (461, 878), (463, 881), (515, 977), (569, 1040), (620, 1154), (650, 1214), (662, 1232), (822, 1460), (865, 1505), (973, 1643), (1290, 1970), (1453, 2144), (1457, 2147),

Gene: Cleo_4 Start: 1285, Stop: 2979, Start Num: 170
Candidate Starts for Cleo_4:
(Start: 170 @1285 has 103 MA's), (214, 1315), (241, 1348), (Start: 249 @1357 has 1 MA's), (362, 1495), (490, 1657), (496, 1672), (513, 1702), (525, 1723), (543, 1753), (581, 1822), (590, 1840), (595, 1852), (603, 1873), (645, 1942), (675, 1984), (780, 2161), (808, 2212), (848, 2275), (866, 2299), (921, 2332), (953, 2365), (987, 2434), (1062, 2509), (1074, 2518), (1080, 2527), (1088, 2539), (1098, 2545), (1113, 2566), (1214, 2704), (1330, 2827), (1394, 2908), (1454, 2965), (1456, 2968),

Gene: CliffHanger_4 Start: 794, Stop: 2380, Start Num: 225
Candidate Starts for CliffHanger_4:
(Start: 225 @794 has 84 MA's), (Start: 295 @884 has 6 MA's), (314, 911), (339, 950), (431, 1058), (490, 1142), (520, 1187), (561, 1232), (594, 1292), (620, 1355), (662, 1433), (954, 1817), (964, 1835), (1229, 2120), (1286, 2189), (1385, 2309), (1457, 2372),

Gene: Clifton_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for Clifton_2:

(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 204 @617 has 1 MA's), (Start: 217 @629 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (454, 905), (473, 917), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (516, 998), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (736, 1388), (740, 1397), (862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1250, 1979), (1265, 2006), (1297, 2039), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: Clipper_8 Start: 1613, Stop: 3034, Start Num: 247
Candidate Starts for Clipper_8:
(Start: 165 @1541 has 76 MA's), (Start: 230 @1601 has 31 MA's), (Start: 247 @1613 has 171 MA's), (Start: 336 @1724 has 12 MA's), (342, 1730), (391, 1808), (402, 1817), (425, 1865), (444, 1883), (487, 1952), (514, 1994), (517, 2000), (532, 2027), (533, 2030), (607, 2147), (611, 2156), (675, 2237), (792, 2351), (820, 2399), (827, 2411), (851, 2441), (870, 2465), (880, 2477), (959, 2555), (962, 2561), (1112, 2705), (1146, 2738), (1187, 2792), (1353, 2969), (1425, 3023),

Gene: CloudWang3_15 Start: 7511, Stop: 9265, Start Num: 103
Candidate Starts for CloudWang3_15:
(Start: 103 @7511 has 236 MA's), (298, 7742), (Start: 330 @7793 has 14 MA's), (362, 7829), (424, 7904), (513, 8027), (538, 8066), (581, 8135), (593, 8159), (594, 8162), (620, 8225), (631, 8249), (693, 8348), (696, 8351), (718, 8378), (722, 8381), (923, 8666), (992, 8753), (999, 8765), (1080, 8828), (1113, 8867), (1129, 8888), (1182, 8972), (1193, 8984), (1405, 9221), (1433, 9248), (1435, 9251),

Gene: Cloudyecho_2 Start: 353, Stop: 1939, Start Num: 161
Candidate Starts for Cloudyecho_2:
(Start: 161 @353 has 29 MA's), (Start: 251 @440 has 3 MA's), (Start: 272 @464 has 1 MA's), (Start: 297 @500 has 6 MA's), (310, 521), (Start: 322 @542 has 1 MA's), (425, 704), (463, 740), (490, 800), (594, 965), (607, 1001), (618, 1022), (640, 1052), (675, 1091), (679, 1100), (820, 1253), (962, 1427), (977, 1451), (1112, 1577), (1152, 1622), (1263, 1736), (1280, 1751), (1353, 1844), (1373, 1868), (1387, 1886), (1428, 1931),

Gene: ClownCar_14 Start: 7027, Stop: 8727, Start Num: 105
Candidate Starts for ClownCar_14:
(Start: 105 @7027 has 85 MA's), (Start: 145 @7075 has 1 MA's), (302, 7210), (513, 7489), (620, 7687), (675, 7777), (718, 7840), (809, 8002), (983, 8200), (999, 8224), (1001, 8227), (1080, 8290), (1088, 8302), (1100, 8311), (1113, 8329), (1129, 8350), (1193, 8446), (1241, 8500), (1279, 8536), (1405, 8683), (1435, 8713), (1438, 8716),

Gene: Clownery_3 Start: 1179, Stop: 2639, Start Num: 250
Candidate Starts for Clownery_3:
(Start: 250 @1179 has 144 MA's), (Start: 254 @1185 has 2 MA's), (358, 1347), (363, 1356), (399, 1416), (444, 1485), (465, 1506), (488, 1557), (619, 1761), (755, 1896), (806, 1974), (817, 1989), (829, 2007), (842, 2025), (880, 2067), (911, 2100), (926, 2118), (1015, 2238), (1020, 2241), (1039, 2253), (1047, 2265), (1060, 2277), (1113, 2328), (1160, 2385), (1172, 2391), (1178, 2400), (1187, 2409), (1190, 2412), (1330, 2574), (1337, 2583), (1344, 2592), (1372, 2631),

Gene: ClubL_30 Start: 8614, Stop: 10362, Start Num: 148
Candidate Starts for ClubL_30:
(Start: 148 @8614 has 26 MA's), (Start: 176 @8644 has 3 MA's), (325, 8773), (457, 8959), (473, 8998), (488, 9022), (502, 9052), (512, 9070), (529, 9097), (543, 9127), (645, 9319), (654, 9337), (756, 9499), (787, 9547), (797, 9562), (963, 9745), (966, 9751), (1026, 9835), (1086, 9922), (1115, 9955), (1198,

10069), (1229, 10105), (1250, 10129), (1258, 10144), (1412, 10318), (1418, 10324),

Gene: ClubPenguin_6 Start: 3285, Stop: 5027, Start Num: 307
Candidate Starts for ClubPenguin_6:
(Start: 307 @3285 has 198 MA's), (367, 3384), (516, 3681), (556, 3759), (570, 3777), (572, 3780), (631, 3921), (637, 3933), (644, 3951), (693, 4032), (791, 4212), (805, 4236), (823, 4272), (892, 4365), (950, 4434), (1053, 4557), (1071, 4575), (1120, 4644), (1123, 4647), (1156, 4698), (1290, 4875), (1299, 4887), (1372, 4980),

Gene: CocoCinnamon_5 Start: 1288, Stop: 2880, Start Num: 209
Candidate Starts for CocoCinnamon_5:
(Start: 206 @1285 has 13 MA's), (Start: 209 @1288 has 22 MA's), (399, 1504), (419, 1543), (422, 1549), (431, 1567), (444, 1573), (497, 1663), (532, 1720), (593, 1798), (595, 1804), (620, 1864), (658, 1936), (665, 1945), (672, 1954), (764, 2056), (770, 2068), (827, 2152), (867, 2191), (961, 2296), (1009, 2368), (1046, 2404), (1100, 2476), (1117, 2503), (1148, 2542), (1186, 2590), (1364, 2785), (1369, 2791), (1400, 2830), (1449, 2869), (1453, 2875),

Gene: CocoaPuff_3 Start: 903, Stop: 2579, Start Num: 170
Candidate Starts for CocoaPuff_3:
(Start: 170 @903 has 103 MA's), (Start: 232 @954 has 1 MA's), (Start: 249 @975 has 1 MA's), (304, 1020), (Start: 330 @1062 has 14 MA's), (362, 1098), (415, 1164), (490, 1260), (509, 1296), (513, 1305), (515, 1308), (543, 1356), (550, 1368), (595, 1455), (701, 1635), (735, 1689), (842, 1869), (866, 1902), (954, 1968), (987, 2034), (992, 2040), (1080, 2124), (1146, 2205), (1163, 2238), (1219, 2307), (1292, 2385), (1295, 2388), (1370, 2478), (1374, 2484), (1394, 2505), (1400, 2511), (1454, 2565), (1456, 2568),

Gene: Cocoaberry_11 Start: 6888, Stop: 8585, Start Num: 102
Candidate Starts for Cocoaberry_11:
(Start: 102 @6888 has 400 MA's), (Start: 124 @6912 has 46 MA's), (Start: 251 @7035 has 3 MA's), (350, 7125), (381, 7158), (467, 7257), (512, 7341), (513, 7344), (538, 7383), (581, 7452), (593, 7476), (620, 7542), (675, 7632), (774, 7797), (825, 7884), (848, 7917), (923, 7983), (981, 8055), (983, 8058), (999, 8082), (1064, 8133), (1080, 8148), (1113, 8187), (1129, 8208), (1193, 8304), (1405, 8541), (1435, 8571), (1438, 8574),

Gene: Coeur_2 Start: 583, Stop: 1917, Start Num: 301
Candidate Starts for Coeur_2:
(Start: 252 @517 has 5 MA's), (Start: 301 @583 has 2 MA's), (Start: 318 @610 has 1 MA's), (399, 685), (405, 694), (418, 721), (419, 724), (425, 736), (444, 754), (484, 814), (487, 823), (488, 826), (607, 1027), (877, 1351), (924, 1399), (946, 1414), (960, 1438), (963, 1444), (968, 1453), (975, 1471), (1073, 1561), (1142, 1627), (1184, 1672), (1228, 1723), (1288, 1768), (1315, 1795), (1364, 1858), (1397, 1900),

Gene: CoffeeBean_28 Start: 13981, Stop: 15654, Start Num: 155
Candidate Starts for CoffeeBean_28:
(Start: 155 @13981 has 202 MA's), (Start: 317 @14125 has 15 MA's), (351, 14176), (473, 14350), (487, 14371), (496, 14395), (510, 14422), (531, 14455), (571, 14521), (591, 14569), (621, 14632), (635, 14659), (740, 14827), (748, 14839), (824, 14950), (858, 15001), (985, 15100), (1054, 15199), (1064, 15211), (1088, 15238), (1104, 15250), (1113, 15265), (1163, 15340), (1196, 15373), (1225, 15406), (1297, 15490), (1315, 15511), (1365, 15559), (1434, 15634),

Gene: CogOmlette_10 Start: 6185, Stop: 7972, Start Num: 103
Candidate Starts for CogOmlette_10:

(Start: 103 @6185 has 236 MA's), (241, 6314), (298, 6413), (424, 6575), (448, 6608), (487, 6647), (513, 6701), (538, 6740), (581, 6812), (620, 6902), (631, 6926), (704, 7043), (722, 7058), (778, 7166), (823, 7241), (901, 7340), (928, 7373), (992, 7457), (1006, 7478), (1064, 7520), (1080, 7535), (1088, 7547), (1113, 7574), (1129, 7595), (1163, 7649), (1193, 7691), (1279, 7781), (1295, 7799), (1340, 7850), (1405, 7928), (1433, 7955), (1435, 7958),

Gene: Colbster_13 Start: 6957, Stop: 8657, Start Num: 105
Candidate Starts for Colbster_13:
(Start: 105 @6957 has 85 MA's), (Start: 145 @7005 has 1 MA's), (302, 7140), (467, 7332), (513, 7419), (620, 7617), (675, 7707), (718, 7770), (809, 7932), (983, 8130), (999, 8154), (1001, 8157), (1080, 8220), (1100, 8241), (1129, 8280), (1193, 8376), (1241, 8430), (1279, 8466), (1405, 8613), (1435, 8643), (1438, 8646),

Gene: Cole_4 Start: 1595, Stop: 3295, Start Num: 209
Candidate Starts for Cole_4:
(Start: 190 @1574 has 1 MA's), (Start: 209 @1595 has 22 MA's), (Start: 295 @1718 has 6 MA's), (Start: 309 @1739 has 15 MA's), (Start: 317 @1754 has 15 MA's), (339, 1787), (399, 1832), (402, 1835), (422, 1877), (426, 1886), (431, 1895), (434, 1898), (444, 1901), (465, 1922), (488, 1973), (520, 2024), (569, 2078), (595, 2132), (620, 2192), (650, 2252), (665, 2273), (803, 2504), (852, 2570), (865, 2585), (973, 2756), (1009, 2804), (1020, 2813), (1061, 2855), (1100, 2888), (1126, 2927), (1177, 2969), (1283, 3059), (1305, 3086), (1307, 3089), (1364, 3158), (1433, 3236), (1464, 3284),

Gene: Coleslaw_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for Coleslaw_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Colin_16 Start: 9101, Stop: 10888, Start Num: 103
Candidate Starts for Colin_16:
(Start: 103 @9101 has 236 MA's), (Start: 217 @9209 has 1 MA's), (234, 9230), (298, 9338), (Start: 330 @9389 has 14 MA's), (362, 9425), (424, 9500), (512, 9620), (513, 9623), (581, 9731), (594, 9758), (620, 9821), (631, 9845), (722, 9977), (983, 10364), (1088, 10463), (1113, 10490), (1115, 10493), (1129, 10511), (1193, 10607), (1405, 10844), (1433, 10871), (1435, 10874), (1438, 10877), (1440, 10880),

Gene: Collard_6 Start: 1324, Stop: 2751, Start Num: 262
Candidate Starts for Collard_6:
(Start: 262 @1324 has 67 MA's), (310, 1381), (Start: 322 @1402 has 1 MA's), (Start: 336 @1426 has 12 MA's), (391, 1510), (402, 1519), (405, 1525), (425, 1567), (444, 1585), (463, 1603), (487, 1654), (492, 1669), (532, 1729), (591, 1807), (607, 1849), (611, 1858), (613, 1861), (675, 1939), (792, 2053), (820, 2101), (851, 2143), (870, 2167), (880, 2179), (903, 2206), (956, 2251), (962, 2263), (1107, 2410), (1142, 2449), (1187, 2506), (1208, 2530), (1235, 2554), (1263, 2578), (1348, 2677), (1353, 2683), (1425, 2740),

Gene: Colleen_3 Start: 1236, Stop: 2873, Start Num: 162
Candidate Starts for Colleen_3:
(Start: 162 @1236 has 4 MA's), (183, 1260), (Start: 253 @1338 has 2 MA's), (320, 1404), (408, 1503), (415, 1521), (424, 1530), (426, 1536), (473, 1584), (477, 1590), (485, 1599), (504, 1641), (508, 1647), (509, 1650), (513, 1659), (558, 1737), (620, 1854), (625, 1866), (626, 1869), (631, 1878), (675, 1941),

(722, 2013), (735, 2046), (808, 2124), (907, 2235), (956, 2280), (1105, 2412), (1111, 2418), (1179, 2550), (1210, 2589), (1279, 2679), (1301, 2706), (1370, 2787), (1381, 2802), (1383, 2805), (1396, 2814), (1442, 2862),

Gene: Coltrane_2 Start: 593, Stop: 2155, Start Num: 225
Candidate Starts for Coltrane_2:
(Start: 225 @593 has 84 MA's), (Start: 307 @701 has 198 MA's), (339, 749), (431, 857), (444, 863), (459, 872), (461, 878), (463, 881), (515, 977), (569, 1040), (620, 1154), (650, 1214), (662, 1232), (822, 1460), (865, 1505), (973, 1643), (1290, 1970), (1453, 2144), (1457, 2147),

Gene: Colusalem_3 Start: 849, Stop: 2330, Start Num: 309
Candidate Starts for Colusalem_3:
(Start: 171 @684 has 16 MA's), (Start: 309 @849 has 15 MA's), (334, 888), (Start: 397 @939 has 4 MA's), (405, 951), (422, 987), (431, 1005), (569, 1188), (620, 1302), (625, 1314), (650, 1362), (665, 1383), (677, 1398), (713, 1455), (961, 1770), (1003, 1836), (1048, 1881), (1096, 1920), (1105, 1932), (1117, 1953), (1151, 1998), (1176, 2028), (1212, 2073), (1257, 2115), (1283, 2142), (1286, 2145), (1364, 2238), (1369, 2244), (1385, 2265), (1394, 2277), (1447, 2316), (1449, 2319),

Gene: Commandaria_26 Start: 13436, Stop: 15160, Start Num: 155
Candidate Starts for Commandaria_26:
(Start: 155 @13436 has 202 MA's), (Start: 317 @13586 has 15 MA's), (353, 13643), (372, 13670), (379, 13682), (Start: 403 @13712 has 1 MA's), (408, 13721), (449, 13802), (473, 13862), (576, 14039), (621, 14144), (635, 14171), (691, 14255), (740, 14339), (748, 14351), (768, 14384), (824, 14462), (1007, 14645), (1054, 14708), (1080, 14735), (1104, 14759), (1136, 14807), (1146, 14816), (1196, 14882), (1237, 14930), (1320, 15026), (1360, 15062), (1365, 15068), (1387, 15098), (1429, 15137),

Gene: Commander_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Commander_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Community_3 Start: 1606, Stop: 3312, Start Num: 124
Candidate Starts for Community_3:
(Start: 124 @1606 has 46 MA's), (513, 2035), (546, 2083), (595, 2173), (667, 2305), (693, 2347), (881, 2599), (983, 2722), (1165, 2941), (1193, 2977), (1209, 2992), (1292, 3127), (1372, 3223), (1381, 3235),

Gene: Conan_7 Start: 2225, Stop: 3871, Start Num: 95
Candidate Starts for Conan_7:
(Start: 89 @2216 has 1 MA's), (Start: 95 @2225 has 98 MA's), (Start: 98 @2228 has 2 MA's), (Start: 113 @2243 has 11 MA's), (Start: 330 @2447 has 14 MA's), (362, 2483), (407, 2528), (485, 2621), (490, 2636), (504, 2663), (509, 2672), (515, 2684), (575, 2771), (594, 2819), (620, 2867), (680, 2966), (704, 3005), (803, 3119), (812, 3140), (838, 3179), (926, 3260), (983, 3329), (987, 3335), (997, 3350), (1064, 3413), (1164, 3545), (1193, 3587), (1219, 3614), (1236, 3632), (1281, 3680), (1372, 3788),

Gene: ConceptII_11 Start: 7225, Stop: 8913, Start Num: 102
Candidate Starts for ConceptII_11:
(Start: 102 @7225 has 400 MA's), (381, 7489), (402, 7513), (513, 7675), (535, 7708), (581, 7783), (620, 7873), (631, 7897), (647, 7924), (679, 7972), (774, 8128), (809, 8188), (1001, 8413), (1009, 8422), (1021, 8434), (1080, 8476), (1100, 8497), (1117, 8524), (1193, 8632), (1279, 8722), (1365,

8827),

Gene: Concrete_3 Start: 1125, Stop: 2585, Start Num: 250
Candidate Starts for Concrete_3:
(Start: 250 @1125 has 144 MA's), (Start: 254 @1131 has 2 MA's), (358, 1293), (363, 1302), (399, 1362), (444, 1431), (465, 1452), (488, 1503), (619, 1707), (755, 1842), (806, 1920), (817, 1935), (842, 1971), (880, 2013), (911, 2046), (926, 2064), (1015, 2184), (1020, 2187), (1039, 2199), (1113, 2274), (1172, 2337), (1187, 2355), (1190, 2358), (1330, 2520), (1337, 2529), (1372, 2577),

Gene: Confidence_2 Start: 485, Stop: 2284, Start Num: 87
Candidate Starts for Confidence_2:
(Start: 87 @485 has 22 MA's), (Start: 207 @623 has 6 MA's), (354, 782), (362, 797), (430, 881), (469, 911), (477, 923), (485, 932), (502, 971), (513, 992), (573, 1076), (602, 1148), (623, 1184), (642, 1220), (696, 1310), (711, 1331), (735, 1382), (759, 1415), (927, 1589), (956, 1616), (1001, 1685), (1006, 1691), (1080, 1757), (1088, 1769), (1102, 1796), (1165, 1907), (1182, 1943), (1193, 1955), (1211, 1979), (1234, 2006), (1249, 2030), (1287, 2093), (1325, 2135), (1370, 2192), (1381, 2207), (1399, 2222), (1402, 2225), (1445, 2270), (1448, 2273),

Gene: Conley_13 Start: 7525, Stop: 9270, Start Num: 307
Candidate Starts for Conley_13:
(Start: 307 @7525 has 198 MA's), (310, 7531), (363, 7618), (367, 7624), (387, 7660), (417, 7714), (467, 7810), (516, 7921), (556, 7999), (570, 8017), (572, 8020), (599, 8089), (644, 8191), (666, 8227), (680, 8248), (693, 8272), (728, 8329), (750, 8377), (785, 8443), (805, 8476), (823, 8512), (837, 8533), (841, 8539), (892, 8605), (1053, 8800), (1104, 8857), (1111, 8866), (1120, 8887), (1123, 8890), (1160, 8950), (1244, 9061), (1290, 9118), (1299, 9130), (1334, 9175), (1336, 9178), (1370, 9220), (1372, 9223),

Gene: Connomayer_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Connomayer_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Conquerage_13 Start: 8154, Stop: 9926, Start Num: 117
Candidate Starts for Conquerage_13:
(Start: 103 @8139 has 236 MA's), (Start: 117 @8154 has 10 MA's), (Start: 121 @8160 has 5 MA's), (241, 8271), (298, 8370), (424, 8532), (487, 8604), (513, 8658), (538, 8697), (581, 8769), (620, 8859), (631, 8883), (704, 9000), (722, 9015), (778, 9123), (823, 9198), (848, 9234), (898, 9294), (992, 9414), (1006, 9435), (1064, 9474), (1113, 9528), (1115, 9531), (1129, 9549), (1163, 9603), (1182, 9633), (1193, 9645), (1279, 9735), (1295, 9753), (1405, 9882), (1433, 9909), (1435, 9912),

Gene: Conspiracy_9 Start: 5979, Stop: 7757, Start Num: 54
Candidate Starts for Conspiracy_9:
(Start: 54 @5979 has 19 MA's), (Start: 67 @6006 has 32 MA's), (Start: 115 @6075 has 1 MA's), (147, 6114), (Start: 237 @6189 has 1 MA's), (241, 6195), (362, 6327), (424, 6402), (425, 6405), (523, 6540), (551, 6579), (567, 6603), (620, 6711), (641, 6756), (690, 6834), (693, 6840), (793, 7005), (812, 7038), (825, 7059), (983, 7233), (999, 7257), (1001, 7260), (1080, 7320), (1088, 7332), (1113, 7359), (1129, 7380), (1182, 7464), (1193, 7476), (1405, 7713), (1438, 7746), (1443, 7752),

Gene: Constance_2 Start: 626, Stop: 2374, Start Num: 330
Candidate Starts for Constance_2:

(294, 575), (311, 602), (Start: 330 @626 has 14 MA's), (388, 719), (469, 860), (473, 866), (486, 899), (487, 902), (493, 920), (513, 962), (566, 1064), (576, 1076), (590, 1115), (598, 1136), (611, 1169), (641, 1223), (656, 1256), (660, 1262), (732, 1364), (766, 1421), (774, 1436), (807, 1475), (873, 1571), (986, 1748), (994, 1763), (1011, 1787), (1135, 1970), (1147, 1997), (1158, 2021), (1165, 2039), (1187, 2069), (1232, 2126), (1253, 2153), (1281, 2177), (1289, 2186), (1332, 2237), (1372, 2291),

Gene: Coog_9 Start: 6156, Stop: 7907, Start Num: 67
Candidate Starts for Coog_9:
(Start: 54 @6129 has 19 MA's), (Start: 67 @6156 has 32 MA's), (Start: 115 @6225 has 1 MA's), (Start: 237 @6339 has 1 MA's), (241, 6345), (362, 6477), (424, 6552), (425, 6555), (467, 6588), (487, 6621), (551, 6729), (567, 6753), (581, 6786), (620, 6861), (641, 6906), (690, 6984), (693, 6990), (793, 7155), (812, 7188), (825, 7209), (983, 7383), (999, 7407), (1001, 7410), (1080, 7470), (1088, 7482), (1113, 7509), (1129, 7530), (1182, 7614), (1193, 7626), (1405, 7863), (1438, 7896), (1443, 7902),

Gene: Cookiedough_15 Start: 7523, Stop: 9277, Start Num: 103
Candidate Starts for Cookiedough_15:
(Start: 103 @7523 has 236 MA's), (298, 7754), (Start: 330 @7805 has 14 MA's), (362, 7841), (424, 7916), (513, 8039), (538, 8078), (581, 8147), (593, 8171), (594, 8174), (620, 8237), (631, 8261), (718, 8390), (722, 8393), (780, 8504), (914, 8666), (983, 8753), (992, 8765), (999, 8777), (1064, 8825), (1080, 8840), (1113, 8879), (1129, 8900), (1182, 8984), (1193, 8996), (1405, 9233), (1433, 9260), (1435, 9263),

Gene: Copper_4 Start: 800, Stop: 2290, Start Num: 202
Candidate Starts for Copper_4:
(Start: 202 @800 has 39 MA's), (245, 845), (Start: 318 @947 has 1 MA's), (Start: 333 @965 has 4 MA's), (Start: 336 @974 has 12 MA's), (Start: 397 @1025 has 4 MA's), (399, 1028), (405, 1037), (419, 1067), (434, 1094), (506, 1193), (577, 1292), (585, 1316), (586, 1319), (588, 1322), (607, 1367), (789, 1601), (820, 1649), (827, 1661), (864, 1700), (886, 1718), (902, 1730), (904, 1733), (922, 1754), (937, 1760), (946, 1772), (987, 1850), (1047, 1904), (1112, 1958), (1121, 1970), (1156, 2015), (1206, 2063), (1299, 2147), (1349, 2204), (1406, 2273),

Gene: Coral_3 Start: 684, Stop: 2330, Start Num: 171
Candidate Starts for Coral_3:
(Start: 171 @684 has 16 MA's), (Start: 309 @849 has 15 MA's), (334, 888), (Start: 397 @939 has 4 MA's), (405, 951), (422, 987), (431, 1005), (569, 1188), (620, 1302), (625, 1314), (628, 1320), (650, 1362), (665, 1383), (677, 1398), (713, 1455), (961, 1770), (1003, 1836), (1048, 1881), (1096, 1920), (1105, 1932), (1117, 1953), (1151, 1998), (1176, 2028), (1212, 2073), (1257, 2115), (1283, 2142), (1286, 2145), (1364, 2238), (1369, 2244), (1385, 2265), (1394, 2277), (1447, 2316), (1449, 2319),

Gene: Corazon_33 Start: 11073, Stop: 12815, Start Num: 170
Candidate Starts for Corazon_33:
(Start: 170 @11073 has 103 MA's), (302, 11190), (Start: 330 @11235 has 14 MA's), (369, 11301), (374, 11316), (402, 11349), (Start: 403 @11352 has 1 MA's), (411, 11367), (425, 11391), (426, 11394), (467, 11424), (479, 11445), (485, 11463), (488, 11472), (505, 11508), (513, 11523), (543, 11568), (575, 11610), (590, 11649), (595, 11661), (603, 11682), (632, 11733), (647, 11754), (798, 11976), (866, 12081), (874, 12090), (930, 12123), (954, 12144), (956, 12147), (969, 12174), (983, 12204), (992, 12216), (1001, 12231), (1009, 12240), (1015, 12246), (1062, 12288), (1074, 12297), (1084, 12312), (1100, 12327), (1146, 12387), (1163, 12426), (1185, 12459), (1214, 12489), (1217, 12492), (1265, 12576), (1292, 12630), (1304, 12645), (1332, 12672), (1372, 12726), (1451, 12798), (1453, 12801),

Gene: Coriander_2 Start: 586, Stop: 2193, Start Num: 185
Candidate Starts for Coriander_2:

(Start: 185 @586 has 14 MA's), (339, 769), (444, 886), (465, 904), (487, 952), (532, 1024), (620, 1177), (648, 1219), (723, 1312), (737, 1354), (745, 1363), (778, 1414), (803, 1444), (804, 1447), (855, 1510), (888, 1543), (912, 1570), (970, 1648), (1055, 1735), (1080, 1759), (1170, 1852), (1172, 1855), (1187, 1873), (1278, 1957),

Gene: Corium_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Corium_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: Corndog_32 Start: 13529, Stop: 15040, Start Num: 184
Candidate Starts for Corndog_32:
(Start: 181 @13526 has 17 MA's), (Start: 184 @13529 has 14 MA's), (Start: 322 @13709 has 1 MA's), (381, 13802), (424, 13877), (451, 13910), (474, 13937), (487, 13967), (591, 14120), (594, 14126), (607, 14162), (611, 14171), (675, 14252), (679, 14261), (680, 14264), (744, 14303), (788, 14360), (809, 14396), (810, 14399), (957, 14555), (962, 14564), (1025, 14633), (1042, 14642), (1046, 14648), (1080, 14681), (1112, 14717), (1187, 14804), (1203, 14825), (1277, 14888), (1283, 14891), (1286, 14894), (1299, 14912), (1317, 14933), (1353, 14975), (1386, 15011), (1415, 15023),

Gene: Cornie_2 Start: 553, Stop: 2274, Start Num: 170
Candidate Starts for Cornie_2:
(Start: 170 @553 has 103 MA's), (Start: 232 @604 has 1 MA's), (241, 616), (Start: 251 @628 has 3 MA's), (260, 643), (302, 664), (338, 718), (354, 733), (362, 748), (363, 751), (Start: 403 @787 has 1 MA's), (408, 796), (424, 823), (425, 826), (484, 892), (487, 901), (490, 910), (509, 946), (510, 949), (513, 955), (515, 958), (523, 970), (548, 1009), (550, 1012), (581, 1063), (603, 1114), (620, 1138), (675, 1225), (705, 1279), (735, 1330), (748, 1351), (760, 1366), (780, 1405), (781, 1408), (798, 1438), (803, 1444), (866, 1543), (933, 1609), (965, 1651), (981, 1687), (1009, 1726), (1016, 1741), (1080, 1828), (1086, 1837), (1098, 1846), (1115, 1870), (1161, 1942), (1165, 1954), (1226, 2023), (1234, 2032), (1282, 2083), (1292, 2095), (1295, 2098), (1372, 2191), (1374, 2194), (1387, 2212),

Gene: Correa_8 Start: 3847, Stop: 5601, Start Num: 307
Candidate Starts for Correa_8:
(279, 3793), (Start: 303 @3841 has 2 MA's), (Start: 307 @3847 has 198 MA's), (363, 3940), (367, 3946), (502, 4213), (516, 4243), (532, 4273), (556, 4321), (570, 4339), (572, 4342), (589, 4384), (644, 4513), (750, 4699), (805, 4798), (847, 4870), (892, 4927), (950, 5005), (956, 5017), (1053, 5131), (1071, 5149), (1109, 5194), (1120, 5218), (1123, 5221), (1150, 5260), (1249, 5401), (1288, 5446), (1290, 5449), (1299, 5461), (1336, 5509), (1363, 5542), (1370, 5551), (1372, 5554),

Gene: Corvo_11 Start: 7169, Stop: 8857, Start Num: 102
Candidate Starts for Corvo_11:
(Start: 102 @7169 has 400 MA's), (Start: 309 @7349 has 15 MA's), (381, 7433), (408, 7469), (513, 7619), (581, 7727), (620, 7817), (631, 7841), (647, 7868), (679, 7916), (728, 7985), (767, 8060), (774, 8072), (809, 8132), (1001, 8357), (1009, 8366), (1021, 8378), (1080, 8420), (1100, 8441), (1117, 8468), (1193, 8576), (1279, 8666), (1365, 8771),

Gene: CosmicBrownie_2 Start: 690, Stop: 2330, Start Num: 253

Candidate Starts for CosmicBrownie_2:
(Start: 171 @597 has 16 MA's), (Start: 253 @690 has 2 MA's), (Start: 256 @693 has 6 MA's), (Start: 330 @783 has 14 MA's), (346, 807), (364, 843), (377, 846), (415, 906), (473, 1014), (513, 1101), (571, 1188), (615, 1278), (636, 1320), (650, 1341), (677, 1377), (761, 1512), (765, 1518), (808, 1557), (854, 1626), (956, 1692), (962, 1704), (987, 1740), (1029, 1788), (1062, 1824), (1113, 1881), (1115, 1884), (1150, 1944), (1194, 2028), (1295, 2154), (1365, 2235), (1397, 2277), (1433, 2316),

Gene: CosmicSans_8 Start: 3156, Stop: 4838, Start Num: 107
Candidate Starts for CosmicSans_8:
(Start: 107 @3156 has 35 MA's), (Start: 309 @3342 has 15 MA's), (362, 3414), (381, 3426), (402, 3450), (408, 3462), (513, 3615), (523, 3630), (567, 3690), (620, 3798), (647, 3855), (770, 4053), (780, 4071), (812, 4125), (956, 4269), (981, 4308), (983, 4311), (1006, 4344), (1088, 4413), (1193, 4557), (1236, 4602), (1292, 4662), (1372, 4761), (1405, 4794), (1433, 4821), (1435, 4824), (1438, 4827),

Gene: Cosmo_26 Start: 8131, Stop: 9744, Start Num: 152
Candidate Starts for Cosmo_26:
(Start: 152 @8131 has 15 MA's), (293, 8281), (310, 8299), (Start: 333 @8332 has 4 MA's), (339, 8344), (Start: 403 @8395 has 1 MA's), (405, 8398), (428, 8446), (431, 8452), (470, 8491), (472, 8494), (487, 8527), (531, 8596), (572, 8662), (578, 8680), (591, 8704), (594, 8710), (651, 8815), (690, 8857), (707, 8875), (714, 8884), (878, 9088), (883, 9094), (912, 9127), (1050, 9292), (1060, 9301), (1065, 9307), (1071, 9310), (1142, 9385), (1160, 9418), (1178, 9433), (1263, 9514), (1394, 9667), (1415, 9688), (1418, 9691),

Gene: Cota_2 Start: 378, Stop: 1889, Start Num: 228
Candidate Starts for Cota_2:
(Start: 228 @378 has 40 MA's), (Start: 262 @417 has 67 MA's), (274, 435), (Start: 297 @462 has 6 MA's), (314, 480), (Start: 333 @507 has 4 MA's), (334, 510), (353, 528), (Start: 393 @558 has 3 MA's), (Start: 400 @567 has 2 MA's), (405, 573), (424, 612), (426, 618), (465, 651), (474, 669), (485, 693), (487, 699), (506, 738), (512, 747), (513, 750), (533, 789), (535, 792), (566, 852), (572, 861), (591, 906), (593, 909), (602, 930), (607, 945), (611, 954), (641, 1005), (653, 1026), (664, 1041), (667, 1044), (669, 1047), (674, 1053), (681, 1068), (745, 1134), (763, 1155), (776, 1179), (797, 1206), (809, 1227), (855, 1293), (881, 1314), (954, 1356), (973, 1398), (1044, 1467), (1062, 1485), (1075, 1497), (1079, 1503), (1112, 1530), (1130, 1551), (1131, 1554), (1134, 1557), (1143, 1569), (1170, 1602), (1190, 1626), (1278, 1704), (1280, 1707), (1290, 1719), (1366, 1797), (1373, 1806), (1389, 1827), (1433, 1875), (1443, 1881),

Gene: Cote_4 Start: 1013, Stop: 2494, Start Num: 309
Candidate Starts for Cote_4:
(Start: 171 @848 has 16 MA's), (Start: 309 @1013 has 15 MA's), (334, 1052), (Start: 397 @1103 has 4 MA's), (405, 1115), (422, 1151), (431, 1169), (569, 1352), (620, 1466), (625, 1478), (650, 1526), (665, 1547), (677, 1562), (713, 1619), (961, 1934), (1003, 2000), (1015, 2012), (1048, 2045), (1096, 2084), (1102, 2093), (1105, 2096), (1151, 2162), (1176, 2192), (1212, 2237), (1257, 2279), (1283, 2306), (1286, 2309), (1364, 2402), (1369, 2408), (1385, 2429), (1394, 2441), (1447, 2480), (1449, 2483),

Gene: Count_11 Start: 4422, Stop: 6167, Start Num: 306
Candidate Starts for Count_11:
(Start: 306 @4422 has 2 MA's), (Start: 330 @4461 has 14 MA's), (342, 4476), (345, 4479), (363, 4515), (367, 4521), (488, 4755), (502, 4788), (516, 4818), (556, 4896), (644, 5088), (675, 5133), (750, 5274), (777, 5319), (791, 5349), (805, 5373), (847, 5445), (892, 5502), (950, 5571), (956, 5583), (1052, 5694), (1071, 5715), (1107, 5757), (1120, 5784), (1123, 5787), (1126, 5793), (1290, 6015), (1299, 6027), (1370, 6117), (1372, 6120),

Gene: Courthouse_10 Start: 3708, Stop: 5240, Start Num: 233

Candidate Starts for Courthouse_10:
(Start: 198 @3666 has 4 MA's), (Start: 205 @3675 has 1 MA's), (Start: 233 @3708 has 12 MA's), (331, 3822), (380, 3885), (Start: 403 @3918 has 1 MA's), (426, 3966), (484, 4041), (500, 4077), (566, 4152), (568, 4155), (583, 4191), (599, 4224), (766, 4473), (808, 4536), (822, 4563), (960, 4722), (975, 4758), (1005, 4788), (1015, 4797), (1082, 4851), (1112, 4875), (1349, 5109), (1358, 5121),

Gene: Courtney3_4 Start: 800, Stop: 2290, Start Num: 202
Candidate Starts for Courtney3_4:
(Start: 202 @800 has 39 MA's), (245, 845), (Start: 318 @947 has 1 MA's), (Start: 333 @965 has 4 MA's), (Start: 336 @974 has 12 MA's), (Start: 397 @1025 has 4 MA's), (399, 1028), (405, 1037), (419, 1067), (434, 1094), (506, 1193), (577, 1292), (585, 1316), (586, 1319), (588, 1322), (607, 1367), (789, 1601), (820, 1649), (827, 1661), (864, 1700), (886, 1718), (902, 1730), (904, 1733), (922, 1754), (937, 1760), (946, 1772), (987, 1850), (1047, 1904), (1112, 1958), (1121, 1970), (1156, 2015), (1206, 2063), (1299, 2147), (1349, 2204), (1406, 2273),

Gene: Cozz_4 Start: 1113, Stop: 2792, Start Num: 170
Candidate Starts for Cozz_4:
(Start: 170 @1113 has 103 MA's), (Start: 232 @1164 has 1 MA's), (Start: 249 @1185 has 1 MA's), (Start: 251 @1188 has 3 MA's), (304, 1230), (362, 1311), (415, 1377), (424, 1386), (485, 1458), (490, 1473), (509, 1509), (513, 1518), (543, 1569), (595, 1668), (623, 1722), (645, 1758), (735, 1902), (760, 1938), (780, 1977), (798, 2010), (825, 2058), (848, 2091), (866, 2115), (921, 2148), (954, 2181), (981, 2238), (987, 2247), (1076, 2331), (1100, 2358), (1146, 2418), (1214, 2514), (1282, 2586), (1292, 2598), (1394, 2718), (1454, 2778), (1456, 2781),

Gene: Cracklewink_9 Start: 4723, Stop: 6342, Start Num: 155
Candidate Starts for Cracklewink_9:
(Start: 155 @4723 has 202 MA's), (255, 4831), (Start: 333 @4942 has 4 MA's), (463, 5119), (465, 5122), (491, 5182), (532, 5248), (533, 5251), (584, 5311), (587, 5317), (648, 5449), (650, 5452), (670, 5479), (790, 5581), (840, 5650), (847, 5662), (877, 5698), (885, 5707), (899, 5722), (903, 5728), (954, 5785), (964, 5803), (983, 5836), (997, 5860), (1009, 5869), (1020, 5878), (1083, 5947), (1131, 6016), (1134, 6019), (1159, 6061), (1233, 6139), (1294, 6169), (1327, 6211), (1362, 6253), (1374, 6268),

Gene: Crater_2 Start: 486, Stop: 2147, Start Num: 170
Candidate Starts for Crater_2:
(56, 324), (Start: 71 @357 has 4 MA's), (74, 360), (86, 378), (Start: 110 @411 has 24 MA's), (116, 420), (Start: 141 @453 has 2 MA's), (Start: 170 @486 has 103 MA's), (Start: 232 @537 has 1 MA's), (241, 549), (260, 576), (354, 666), (415, 747), (424, 756), (425, 759), (467, 792), (490, 843), (509, 879), (510, 882), (513, 888), (523, 903), (525, 906), (538, 924), (548, 942), (581, 996), (603, 1047), (620, 1071), (675, 1158), (712, 1218), (722, 1227), (735, 1263), (760, 1299), (780, 1338), (781, 1341), (798, 1371), (890, 1503), (921, 1509), (969, 1572), (981, 1599), (999, 1626), (1001, 1629), (1015, 1644), (1080, 1701), (1113, 1740), (1165, 1821), (1188, 1851), (1247, 1914), (1292, 1962), (1295, 1965), (1372, 2058), (1374, 2061), (1387, 2079), (1400, 2088), (1416, 2100), (1456, 2136),

Gene: Crespo_2 Start: 456, Stop: 1892, Start Num: 262
Candidate Starts for Crespo_2:
(Start: 161 @360 has 29 MA's), (Start: 262 @456 has 67 MA's), (Start: 273 @459 has 4 MA's), (Start: 299 @495 has 5 MA's), (Start: 322 @534 has 1 MA's), (425, 696), (487, 783), (490, 792), (499, 810), (505, 822), (594, 942), (607, 978), (618, 999), (636, 1020), (675, 1068), (679, 1077), (820, 1230), (865, 1290), (882, 1308), (949, 1359), (962, 1386), (972, 1401), (973, 1404), (1074, 1485), (1109, 1530), (1172, 1605), (1187, 1623), (1205, 1644), (1259, 1689), (1277, 1707), (1280, 1710), (1353, 1803), (1428, 1884),

Gene: Crewmate_3 Start: 949, Stop: 2655, Start Num: 124

Candidate Starts for Crewmate_3:
(Start: 124 @949 has 46 MA's), (Start: 143 @970 has 16 MA's), (Start: 251 @1060 has 3 MA's), (320, 1129), (486, 1321), (513, 1378), (546, 1426), (595, 1516), (623, 1570), (645, 1615), (693, 1690), (881, 1942), (1146, 2245), (1165, 2284), (1193, 2320), (1209, 2335), (1292, 2470), (1372, 2566), (1381, 2578),

Gene: CricKo_7 Start: 3414, Stop: 5153, Start Num: 307
Candidate Starts for CricKo_7:
(Start: 305 @3411 has 33 MA's), (Start: 307 @3414 has 198 MA's), (310, 3420), (342, 3468), (345, 3471), (363, 3507), (367, 3513), (440, 3651), (460, 3687), (467, 3699), (556, 3882), (572, 3903), (608, 3996), (611, 4005), (637, 4056), (644, 4074), (805, 4359), (892, 4488), (950, 4557), (1022, 4647), (1050, 4674), (1071, 4701), (1120, 4770), (1123, 4773), (1152, 4815), (1156, 4824), (1249, 4953), (1274, 4980), (1290, 5001), (1299, 5013), (1315, 5031), (1370, 5103), (1372, 5106), (1381, 5118),

Gene: CrimD_8 Start: 1562, Stop: 2983, Start Num: 247
Candidate Starts for CrimD_8:
(Start: 165 @1490 has 76 MA's), (Start: 230 @1550 has 31 MA's), (Start: 247 @1562 has 171 MA's), (Start: 336 @1673 has 12 MA's), (342, 1679), (391, 1757), (402, 1766), (425, 1814), (444, 1832), (487, 1901), (514, 1943), (517, 1949), (532, 1976), (533, 1979), (607, 2096), (611, 2105), (675, 2186), (792, 2300), (820, 2348), (827, 2360), (851, 2390), (870, 2414), (880, 2426), (959, 2504), (962, 2510), (1112, 2654), (1146, 2687), (1187, 2741), (1353, 2918), (1425, 2972),

Gene: Crispicous1_10 Start: 6453, Stop: 8141, Start Num: 102
Candidate Starts for Crispicous1_10:
(Start: 102 @6453 has 400 MA's), (381, 6717), (402, 6741), (513, 6903), (535, 6936), (581, 7011), (620, 7101), (631, 7125), (647, 7152), (679, 7200), (728, 7269), (774, 7356), (809, 7416), (1009, 7650), (1021, 7662), (1080, 7704), (1100, 7725), (1117, 7752), (1193, 7860), (1279, 7950), (1365, 8055),

Gene: CristinaYang_2 Start: 426, Stop: 1991, Start Num: 165
Candidate Starts for CristinaYang_2:
(Start: 165 @426 has 76 MA's), (270, 549), (310, 603), (Start: 333 @636 has 4 MA's), (334, 639), (Start: 397 @690 has 4 MA's), (Start: 403 @699 has 1 MA's), (419, 732), (426, 747), (431, 756), (463, 780), (557, 942), (620, 1077), (630, 1098), (650, 1137), (770, 1236), (790, 1266), (803, 1281), (818, 1314), (852, 1362), (861, 1371), (941, 1449), (961, 1485), (983, 1524), (1020, 1566), (1046, 1593), (1105, 1647), (1133, 1689), (1197, 1734), (1212, 1755), (1232, 1779), (1328, 1857),

Gene: CroZenni_3 Start: 689, Stop: 2317, Start Num: 225
Candidate Starts for CroZenni_3:
(Start: 225 @689 has 84 MA's), (339, 845), (431, 953), (490, 1037), (503, 1061), (518, 1079), (569, 1136), (594, 1187), (595, 1190), (620, 1250), (628, 1268), (643, 1298), (662, 1328), (1003, 1784), (1020, 1799), (1328, 2150), (1369, 2198), (1464, 2306),

Gene: Crocheter_16 Start: 9229, Stop: 10974, Start Num: 307
Candidate Starts for Crocheter_16:
(Start: 307 @9229 has 198 MA's), (310, 9235), (367, 9328), (387, 9364), (417, 9418), (433, 9448), (502, 9595), (556, 9703), (570, 9721), (572, 9724), (599, 9793), (637, 9877), (644, 9895), (680, 9952), (750, 10081), (805, 10180), (808, 10186), (872, 10285), (892, 10309), (1050, 10495), (1053, 10504), (1111, 10570), (1120, 10591), (1123, 10594), (1249, 10774), (1288, 10819), (1290, 10822), (1299, 10834), (1370, 10924), (1372, 10927),

Gene: Croquant_14 Start: 6955, Stop: 8655, Start Num: 105
Candidate Starts for Croquant_14:

(Start: 105 @6955 has 85 MA's), (Start: 145 @7003 has 1 MA's), (302, 7138), (467, 7330), (513, 7417), (620, 7615), (675, 7705), (718, 7768), (809, 7930), (983, 8128), (999, 8152), (1001, 8155), (1080, 8218), (1100, 8239), (1129, 8278), (1193, 8374), (1241, 8428), (1279, 8464), (1405, 8611), (1435, 8641), (1438, 8644),

Gene: Crossroads_4 Start: 1069, Stop: 2637, Start Num: 138
Candidate Starts for Crossroads_4:
(Start: 138 @1069 has 120 MA's), (Start: 142 @1075 has 6 MA's), (Start: 284 @1231 has 1 MA's), (512, 1528), (515, 1534), (556, 1594), (591, 1666), (594, 1672), (675, 1792), (710, 1840), (762, 1894), (776, 1918), (807, 1963), (809, 1969), (827, 1999), (832, 2005), (855, 2032), (863, 2041), (942, 2098), (946, 2104), (959, 2125), (962, 2131), (1020, 2206), (1023, 2209), (1060, 2245), (1116, 2290), (1172, 2356), (1234, 2431), (1266, 2449), (1278, 2458), (1420, 2605), (1448, 2629), (1450, 2632),

Gene: Crucio_12 Start: 7386, Stop: 9173, Start Num: 103
Candidate Starts for Crucio_12:
(Start: 103 @7386 has 236 MA's), (Start: 217 @7494 has 1 MA's), (234, 7515), (298, 7623), (424, 7785), (512, 7905), (513, 7908), (581, 8016), (620, 8106), (631, 8130), (704, 8247), (722, 8262), (916, 8562), (1088, 8748), (1113, 8775), (1129, 8796), (1193, 8892), (1405, 9129), (1433, 9156), (1435, 9159),

Gene: Cruella_12 Start: 6699, Stop: 8765, Start Num: 5
Candidate Starts for Cruella_12:
(Start: 5 @6699 has 5 MA's), (16, 6756), (38, 6894), (48, 6924), (58, 6948), (Start: 138 @7065 has 120 MA's), (Start: 176 @7110 has 3 MA's), (Start: 235 @7173 has 7 MA's), (Start: 254 @7197 has 2 MA's), (286, 7221), (379, 7359), (Start: 389 @7374 has 11 MA's), (402, 7392), (Start: 403 @7395 has 1 MA's), (414, 7419), (424, 7437), (473, 7494), (475, 7497), (496, 7539), (510, 7566), (520, 7584), (535, 7611), (545, 7629), (546, 7632), (581, 7686), (621, 7770), (622, 7773), (633, 7794), (647, 7815), (694, 7887), (717, 7917), (740, 7968), (801, 8049), (817, 8082), (985, 8244), (1088, 8346), (1113, 8373), (1117, 8382), (1203, 8493), (1258, 8556), (1365, 8667), (1372, 8676), (1450, 8757),

Gene: Crumble_2 Start: 573, Stop: 2210, Start Num: 155
Candidate Starts for Crumble_2:
(Start: 155 @573 has 202 MA's), (163, 582), (Start: 176 @597 has 3 MA's), (Start: 204 @618 has 1 MA's), (Start: 217 @630 has 1 MA's), (Start: 247 @654 has 171 MA's), (Start: 250 @657 has 144 MA's), (Start: 318 @720 has 1 MA's), (353, 759), (412, 846), (454, 906), (473, 918), (484, 930), (487, 939), (488, 942), (496, 963), (508, 984), (516, 999), (548, 1056), (575, 1095), (602, 1164), (604, 1170), (621, 1200), (622, 1203), (627, 1212), (635, 1227), (647, 1245), (680, 1296), (736, 1389), (740, 1398), (862, 1569), (874, 1581), (983, 1665), (1005, 1695), (1007, 1698), (1010, 1701), (1080, 1758), (1097, 1773), (1101, 1779), (1104, 1782), (1113, 1797), (1117, 1806), (1164, 1875), (1190, 1905), (1196, 1914), (1225, 1947), (1250, 1980), (1265, 2007), (1297, 2040), (1325, 2070), (1349, 2091), (1365, 2115), (1372, 2124), (1374, 2127), (1429, 2184),

Gene: Cubone_1 Start: 501, Stop: 2036, Start Num: 227
Candidate Starts for Cubone_1:
(Start: 227 @501 has 25 MA's), (Start: 230 @504 has 31 MA's), (246, 516), (Start: 249 @519 has 1 MA's), (292, 576), (Start: 307 @594 has 198 MA's), (316, 606), (390, 678), (Start: 403 @696 has 1 MA's), (412, 714), (422, 735), (474, 798), (490, 837), (507, 870), (539, 918), (583, 1002), (593, 1017), (613, 1068), (618, 1077), (637, 1101), (659, 1140), (661, 1143), (677, 1155), (747, 1281), (766, 1305), (808, 1368), (878, 1452), (950, 1524), (962, 1548), (981, 1590), (987, 1599), (1043, 1656), (1080, 1695), (1136, 1752), (1146, 1758), (1152, 1761), (1187, 1782), (1226, 1830), (1278, 1866), (1349, 1947), (1353, 1953),

Gene: Cuco_9 Start: 6160, Stop: 7938, Start Num: 54

Candidate Starts for Cuco_9:
(Start: 54 @6160 has 19 MA's), (Start: 67 @6187 has 32 MA's), (Start: 115 @6256 has 1 MA's), (Start: 237 @6370 has 1 MA's), (241, 6376), (362, 6508), (424, 6583), (425, 6586), (467, 6619), (487, 6652), (551, 6760), (567, 6784), (581, 6817), (620, 6892), (641, 6937), (690, 7015), (693, 7021), (812, 7219), (825, 7240), (983, 7414), (999, 7438), (1001, 7441), (1080, 7501), (1088, 7513), (1113, 7540), (1129, 7561), (1182, 7645), (1193, 7657), (1405, 7894), (1438, 7927), (1443, 7933),

Gene: Cucurbita_32 Start: 9972, Stop: 11720, Start Num: 148
Candidate Starts for Cucurbita_32:
(Start: 148 @9972 has 26 MA's), (Start: 176 @10002 has 3 MA's), (325, 10131), (457, 10317), (473, 10356), (488, 10380), (502, 10410), (512, 10428), (529, 10455), (543, 10485), (645, 10677), (654, 10695), (756, 10857), (787, 10905), (797, 10920), (963, 11103), (966, 11109), (1026, 11193), (1086, 11280), (1115, 11313), (1198, 11427), (1229, 11463), (1250, 11487), (1258, 11502), (1412, 11676), (1418, 11682),

Gene: Cueylyss_11 Start: 7122, Stop: 8810, Start Num: 102
Candidate Starts for Cueylyss_11:
(Start: 102 @7122 has 400 MA's), (381, 7386), (402, 7410), (513, 7572), (535, 7605), (581, 7680), (620, 7770), (631, 7794), (647, 7821), (679, 7869), (774, 8025), (809, 8085), (932, 8217), (1001, 8310), (1009, 8319), (1021, 8331), (1080, 8373), (1100, 8394), (1117, 8421), (1193, 8529), (1279, 8619), (1365, 8724),

Gene: Cullens_13 Start: 6955, Stop: 8655, Start Num: 105
Candidate Starts for Cullens_13:
(Start: 105 @6955 has 85 MA's), (Start: 145 @7003 has 1 MA's), (302, 7138), (467, 7330), (513, 7417), (537, 7453), (620, 7615), (675, 7705), (718, 7768), (809, 7930), (983, 8128), (999, 8152), (1001, 8155), (1080, 8218), (1100, 8239), (1129, 8278), (1193, 8374), (1241, 8428), (1279, 8464), (1405, 8611), (1435, 8641), (1438, 8644),

Gene: Culver_30 Start: 8433, Stop: 10181, Start Num: 148
Candidate Starts for Culver_30:
(Start: 148 @8433 has 26 MA's), (Start: 176 @8463 has 3 MA's), (323, 8589), (325, 8592), (417, 8706), (457, 8778), (473, 8817), (488, 8841), (512, 8889), (529, 8916), (645, 9138), (654, 9156), (756, 9318), (787, 9366), (797, 9381), (963, 9564), (966, 9570), (1026, 9654), (1086, 9741), (1115, 9774), (1198, 9888), (1229, 9924), (1250, 9948), (1258, 9963), (1412, 10137), (1418, 10143),

Gene: CupcakePrincess_3 Start: 676, Stop: 2304, Start Num: 225
Candidate Starts for CupcakePrincess_3:
(Start: 225 @676 has 84 MA's), (339, 832), (431, 940), (490, 1024), (503, 1048), (569, 1123), (594, 1174), (595, 1177), (620, 1237), (628, 1255), (643, 1285), (662, 1315), (1003, 1771), (1020, 1786), (1328, 2137), (1464, 2293),

Gene: Curiosium_9 Start: 1962, Stop: 3389, Start Num: 247
Candidate Starts for Curiosium_9:
(156, 1878), (Start: 204 @1929 has 1 MA's), (Start: 230 @1950 has 31 MA's), (Start: 247 @1962 has 171 MA's), (Start: 336 @2073 has 12 MA's), (342, 2079), (363, 2118), (391, 2157), (402, 2166), (405, 2172), (425, 2214), (444, 2232), (463, 2250), (487, 2301), (532, 2376), (533, 2379), (607, 2496), (611, 2505), (742, 2634), (792, 2700), (820, 2748), (827, 2760), (851, 2790), (870, 2814), (875, 2820), (962, 2910), (1074, 3012), (1111, 3051), (1112, 3054), (1146, 3087), (1172, 3123), (1187, 3141), (1283, 3228), (1353, 3318), (1425, 3378), (1431, 3384),

Gene: CurlyFries_6 Start: 3359, Stop: 4903, Start Num: 218
Candidate Starts for CurlyFries_6:

(Start: 218 @3359 has 8 MA's), (405, 3599), (489, 3734), (595, 3890), (599, 3902), (602, 3908), (613, 3935), (618, 3944), (641, 3986), (808, 4223), (871, 4298), (960, 4403), (1190, 4676), (1278, 4742), (1322, 4793), (1364, 4841), (1391, 4862),

Gene: Cyan_2 Start: 533, Stop: 2239, Start Num: 124
Candidate Starts for Cyan_2:
(13, 242), (15, 251), (Start: 124 @533 has 46 MA's), (486, 905), (513, 962), (546, 1010), (595, 1100), (623, 1154), (693, 1274), (748, 1364), (881, 1526), (983, 1649), (1193, 1904), (1209, 1919), (1250, 1973), (1292, 2054), (1363, 2138), (1381, 2162),

Gene: Cygnet_3 Start: 691, Stop: 2325, Start Num: 171
Candidate Starts for Cygnet_3:
(168, 688), (Start: 171 @691 has 16 MA's), (334, 889), (Start: 397 @940 has 4 MA's), (405, 952), (422, 988), (431, 1006), (444, 1012), (463, 1030), (569, 1189), (620, 1303), (650, 1363), (665, 1384), (677, 1399), (713, 1456), (803, 1582), (852, 1642), (921, 1723), (942, 1738), (954, 1759), (1020, 1852), (1048, 1882), (1096, 1921), (1102, 1930), (1117, 1954), (1148, 1993), (1151, 1999), (1239, 2101), (1257, 2110), (1261, 2116), (1283, 2137), (1286, 2140), (1305, 2164), (1361, 2230), (1364, 2233), (1449, 2314),

Gene: Cynthia_2 Start: 318, Stop: 1889, Start Num: 151
Candidate Starts for Cynthia_2:
(Start: 151 @318 has 55 MA's), (259, 426), (Start: 297 @474 has 6 MA's), (Start: 318 @504 has 1 MA's), (342, 537), (421, 621), (425, 630), (465, 666), (491, 726), (566, 816), (607, 912), (620, 936), (648, 978), (689, 1032), (723, 1071), (778, 1137), (789, 1149), (808, 1179), (840, 1212), (919, 1293), (959, 1338), (962, 1344), (971, 1365), (1054, 1455), (1109, 1500), (1112, 1506), (1142, 1536), (1146, 1539), (1187, 1593), (1216, 1629), (1280, 1680), (1331, 1740), (1334, 1743), (1371, 1785), (1461, 1872),

Gene: CyranoPS_2 Start: 351, Stop: 1808, Start Num: 185
Candidate Starts for CyranoPS_2:
(Start: 185 @351 has 14 MA's), (194, 360), (199, 366), (487, 699), (493, 717), (583, 849), (607, 903), (647, 966), (780, 1119), (826, 1191), (878, 1239), (922, 1287), (971, 1350), (975, 1359), (1078, 1461), (1132, 1518), (1184, 1569), (1195, 1581), (1364, 1755), (1371, 1764), (1397, 1797),

Gene: Czyszczon1_9 Start: 2465, Stop: 4135, Start Num: 394
Candidate Starts for Czyszczon1_9:
(Start: 394 @2465 has 48 MA's), (427, 2528), (551, 2762), (598, 2864), (693, 3044), (710, 3068), (724, 3086), (732, 3098), (768, 3161), (776, 3173), (808, 3218), (815, 3233), (873, 3311), (911, 3356), (934, 3410), (935, 3416), (1000, 3530), (1104, 3674), (1124, 3710), (1218, 3863), (1232, 3875), (1279, 3932), (1307, 3968), (1346, 4019), (1372, 4055), (1374, 4058), (1438, 4124),

Gene: D29_13 Start: 7375, Stop: 9162, Start Num: 103
Candidate Starts for D29_13:
(33, 7216), (36, 7243), (Start: 103 @7375 has 236 MA's), (Start: 217 @7483 has 1 MA's), (234, 7504), (278, 7570), (298, 7612), (362, 7699), (512, 7894), (513, 7897), (581, 8005), (620, 8095), (631, 8119), (693, 8218), (718, 8248), (722, 8251), (780, 8362), (916, 8551), (1064, 8710), (1080, 8725), (1088, 8737), (1113, 8764), (1129, 8785), (1182, 8869), (1193, 8881), (1279, 8971), (1405, 9118), (1433, 9145), (1435, 9148),

Gene: D32_15 Start: 7375, Stop: 9162, Start Num: 103
Candidate Starts for D32_15:
(33, 7216), (36, 7243), (Start: 103 @7375 has 236 MA's), (Start: 217 @7483 has 1 MA's), (234, 7504), (278, 7570), (298, 7612), (362, 7699), (512, 7894), (513, 7897), (581, 8005), (620, 8095), (631, 8119),

(693, 8218), (718, 8248), (722, 8251), (780, 8362), (916, 8551), (1064, 8710), (1080, 8725), (1088, 8737), (1113, 8764), (1129, 8785), (1182, 8869), (1193, 8881), (1279, 8971), (1405, 9118), (1433, 9145), (1435, 9148),

Gene: DBQu4n_15 Start: 7375, Stop: 9162, Start Num: 103
Candidate Starts for DBQu4n_15:
(33, 7216), (36, 7243), (Start: 103 @7375 has 236 MA's), (Start: 217 @7483 has 1 MA's), (234, 7504), (278, 7570), (298, 7612), (362, 7699), (512, 7894), (513, 7897), (581, 8005), (620, 8095), (631, 8119), (693, 8218), (718, 8248), (722, 8251), (780, 8362), (916, 8551), (1064, 8710), (1080, 8725), (1088, 8737), (1113, 8764), (1129, 8785), (1182, 8869), (1193, 8881), (1279, 8971), (1405, 9118), (1433, 9145), (1435, 9148),

Gene: DD5_12 Start: 7704, Stop: 9392, Start Num: 102
Candidate Starts for DD5_12:
(Start: 102 @7704 has 400 MA's), (381, 7968), (402, 7992), (513, 8154), (581, 8262), (620, 8352), (631, 8376), (647, 8403), (679, 8451), (728, 8520), (774, 8607), (778, 8616), (809, 8667), (1009, 8901), (1021, 8913), (1080, 8955), (1100, 8976), (1117, 9003), (1193, 9111), (1279, 9201), (1365, 9306),

Gene: DHan_4 Start: 1011, Stop: 2585, Start Num: 138
Candidate Starts for DHan_4:
(Start: 138 @1011 has 120 MA's), (Start: 142 @1017 has 6 MA's), (149, 1026), (Start: 284 @1173 has 1 MA's), (361, 1275), (402, 1299), (512, 1470), (515, 1476), (591, 1614), (594, 1620), (602, 1641), (611, 1665), (675, 1740), (710, 1788), (762, 1842), (776, 1866), (807, 1911), (809, 1917), (827, 1947), (832, 1953), (863, 1989), (942, 2046), (954, 2064), (962, 2079), (1023, 2157), (1060, 2193), (1071, 2202), (1116, 2238), (1172, 2304), (1234, 2379), (1266, 2397), (1278, 2406), (1420, 2553), (1448, 2577), (1450, 2580),

Gene: DLane_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for DLane_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1244, 1982), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: DMoney_2 Start: 359, Stop: 1891, Start Num: 161
Candidate Starts for DMoney_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: DNAIII_002 Start: 368, Stop: 1900, Start Num: 161
Candidate Starts for DNAIII_002:
(Start: 161 @368 has 29 MA's), (Start: 262 @464 has 67 MA's), (Start: 273 @467 has 4 MA's), (Start: 299 @503 has 5 MA's), (Start: 322 @542 has 1 MA's), (425, 704), (487, 791), (490, 800), (499, 818),

(505, 830), (594, 950), (607, 986), (618, 1007), (636, 1028), (675, 1076), (679, 1085), (820, 1238), (865, 1298), (882, 1316), (949, 1367), (962, 1394), (972, 1409), (973, 1412), (1074, 1493), (1109, 1538), (1172, 1613), (1187, 1631), (1205, 1652), (1259, 1697), (1277, 1715), (1280, 1718), (1353, 1811), (1428, 1892),

Gene: DRBy19_2 Start: 588, Stop: 2225, Start Num: 155
Candidate Starts for DRBy19_2:
(Start: 155 @588 has 202 MA's), (168, 603), (Start: 176 @612 has 3 MA's), (182, 618), (Start: 217 @645 has 1 MA's), (Start: 247 @669 has 171 MA's), (Start: 250 @672 has 144 MA's), (Start: 318 @735 has 1 MA's), (Start: 330 @753 has 14 MA's), (353, 774), (412, 861), (414, 867), (454, 921), (473, 933), (484, 945), (487, 954), (488, 957), (496, 978), (508, 999), (548, 1071), (575, 1110), (602, 1179), (604, 1185), (621, 1215), (622, 1218), (627, 1227), (635, 1242), (647, 1260), (680, 1311), (740, 1413), (862, 1584), (874, 1596), (983, 1680), (1005, 1710), (1007, 1713), (1010, 1716), (1080, 1773), (1097, 1788), (1101, 1794), (1104, 1797), (1113, 1812), (1117, 1821), (1164, 1890), (1190, 1920), (1196, 1929), (1225, 1962), (1250, 1995), (1265, 2022), (1297, 2055), (1320, 2082), (1325, 2085), (1349, 2106), (1365, 2130), (1372, 2139), (1374, 2142), (1429, 2199),

Gene: DS6A_5 Start: 1816, Stop: 3612, Start Num: 76
Candidate Starts for DS6A_5:
(Start: 76 @1816 has 1 MA's), (Start: 87 @1834 has 22 MA's), (320, 2068), (362, 2119), (402, 2155), (424, 2194), (467, 2236), (485, 2263), (487, 2269), (488, 2272), (513, 2323), (551, 2380), (552, 2383), (602, 2482), (620, 2509), (645, 2566), (765, 2758), (812, 2800), (927, 2920), (929, 2923), (956, 2947), (983, 2989), (1003, 3016), (1014, 3031), (1091, 3121), (1102, 3136), (1105, 3139), (1111, 3145), (1145, 3205), (1163, 3241), (1165, 3247), (1182, 3283), (1185, 3286), (1193, 3295), (1238, 3352), (1240, 3355), (1241, 3358), (1340, 3484), (1365, 3520), (1372, 3529), (1381, 3541), (1396, 3553), (1402, 3559), (1421, 3574),

Gene: DaHudson_13 Start: 6949, Stop: 8649, Start Num: 105
Candidate Starts for DaHudson_13:
(Start: 105 @6949 has 85 MA's), (Start: 145 @6997 has 1 MA's), (302, 7132), (467, 7324), (513, 7411), (620, 7609), (675, 7699), (718, 7762), (809, 7924), (983, 8122), (999, 8146), (1001, 8149), (1080, 8212), (1100, 8233), (1129, 8272), (1193, 8368), (1241, 8422), (1279, 8458), (1405, 8605), (1435, 8635), (1438, 8638),

Gene: DaVinci_15 Start: 7534, Stop: 9288, Start Num: 103
Candidate Starts for DaVinci_15:
(Start: 103 @7534 has 236 MA's), (298, 7765), (Start: 330 @7816 has 14 MA's), (362, 7852), (424, 7927), (513, 8050), (538, 8089), (581, 8158), (593, 8182), (594, 8185), (620, 8248), (631, 8272), (693, 8371), (696, 8374), (718, 8401), (722, 8404), (923, 8689), (992, 8776), (999, 8788), (1080, 8851), (1113, 8890), (1129, 8911), (1182, 8995), (1193, 9007), (1405, 9244), (1433, 9271), (1435, 9274),

Gene: DaddyRickover_2 Start: 571, Stop: 2208, Start Num: 155
Candidate Starts for DaddyRickover_2:
(Start: 155 @571 has 202 MA's), (163, 580), (Start: 176 @595 has 3 MA's), (Start: 247 @652 has 171 MA's), (Start: 250 @655 has 144 MA's), (Start: 318 @718 has 1 MA's), (353, 757), (412, 844), (454, 904), (473, 916), (484, 928), (487, 937), (488, 940), (496, 961), (508, 982), (548, 1054), (575, 1093), (602, 1162), (604, 1168), (621, 1198), (622, 1201), (627, 1210), (635, 1225), (647, 1243), (680, 1294), (736, 1387), (740, 1396), (862, 1567), (874, 1579), (983, 1663), (1005, 1693), (1007, 1696), (1010, 1699), (1080, 1756), (1097, 1771), (1101, 1777), (1104, 1780), (1113, 1795), (1117, 1804), (1164, 1873), (1190, 1903), (1196, 1912), (1225, 1945), (1250, 1978), (1265, 2005), (1297, 2038), (1325, 2068), (1349, 2089), (1365, 2113), (1372, 2122), (1374, 2125), (1429, 2182),

Gene: Daddyjeff_12 Start: 7431, Stop: 9197, Start Num: 305

Candidate Starts for Daddyjeff_12:
(Start: 305 @7431 has 33 MA's), (Start: 309 @7437 has 15 MA's), (367, 7533), (489, 7773), (505, 7809), (516, 7833), (533, 7866), (556, 7911), (572, 7932), (608, 8025), (615, 8040), (637, 8085), (644, 8103), (666, 8139), (722, 8229), (750, 8289), (805, 8388), (847, 8460), (892, 8517), (950, 8601), (956, 8613), (1071, 8745), (1109, 8790), (1120, 8814), (1123, 8817), (1190, 8910), (1232, 8967), (1290, 9045), (1299, 9057), (1336, 9105), (1372, 9150),

Gene: Dadosky_6 Start: 1349, Stop: 2776, Start Num: 262
Candidate Starts for Dadosky_6:
(Start: 262 @1349 has 67 MA's), (310, 1406), (Start: 322 @1427 has 1 MA's), (Start: 336 @1451 has 12 MA's), (391, 1535), (402, 1544), (405, 1550), (424, 1589), (425, 1592), (444, 1610), (463, 1628), (487, 1679), (505, 1718), (532, 1754), (568, 1781), (591, 1832), (607, 1874), (611, 1883), (613, 1886), (675, 1964), (792, 2078), (820, 2126), (827, 2138), (851, 2168), (880, 2204), (903, 2231), (962, 2288), (1042, 2372), (1064, 2396), (1142, 2474), (1187, 2531), (1208, 2555), (1235, 2579), (1353, 2708), (1425, 2765),

Gene: Daegal_6 Start: 2134, Stop: 3768, Start Num: 102
Candidate Starts for Daegal_6:
(Start: 102 @2134 has 400 MA's), (Start: 153 @2173 has 15 MA's), (Start: 208 @2221 has 5 MA's), (342, 2392), (396, 2431), (512, 2611), (516, 2620), (522, 2629), (566, 2692), (570, 2698), (605, 2782), (606, 2785), (607, 2788), (675, 2884), (677, 2887), (680, 2896), (745, 2962), (766, 2992), (785, 3019), (807, 3052), (820, 3073), (822, 3076), (919, 3172), (946, 3193), (1002, 3283), (1051, 3325), (1074, 3343), (1078, 3349), (1146, 3412), (1149, 3418), (1150, 3421), (1187, 3466), (1191, 3472), (1213, 3499), (1226, 3514), (1290, 3565), (1297, 3574), (1309, 3589), (1317, 3592), (1346, 3631), (1358, 3646), (1371, 3661), (1374, 3664), (1460, 3742), (1462, 3748),

Gene: Daenerys_2 Start: 571, Stop: 2208, Start Num: 155
Candidate Starts for Daenerys_2:
(Start: 155 @571 has 202 MA's), (163, 580), (Start: 176 @595 has 3 MA's), (Start: 247 @652 has 171 MA's), (Start: 250 @655 has 144 MA's), (Start: 318 @718 has 1 MA's), (353, 757), (412, 844), (454, 904), (473, 916), (484, 928), (487, 937), (488, 940), (496, 961), (508, 982), (548, 1054), (575, 1093), (602, 1162), (604, 1168), (621, 1198), (622, 1201), (627, 1210), (635, 1225), (647, 1243), (680, 1294), (736, 1387), (740, 1396), (862, 1567), (874, 1579), (983, 1663), (1005, 1693), (1007, 1696), (1010, 1699), (1080, 1756), (1097, 1771), (1101, 1777), (1104, 1780), (1113, 1795), (1117, 1804), (1164, 1873), (1190, 1903), (1196, 1912), (1225, 1945), (1250, 1978), (1265, 2005), (1297, 2038), (1325, 2068), (1349, 2089), (1365, 2113), (1372, 2122), (1374, 2125), (1429, 2182),

Gene: DaftyDuck_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for DaftyDuck_3:
(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (806, 1881), (817, 1896), (842, 1932), (880, 1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298), (1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: Daiboju_2 Start: 428, Stop: 1993, Start Num: 165
Candidate Starts for Daiboju_2:
(Start: 165 @428 has 76 MA's), (Start: 307 @599 has 198 MA's), (Start: 403 @701 has 1 MA's), (419, 734), (426, 749), (431, 758), (463, 782), (488, 836), (559, 947), (593, 1013), (595, 1019), (620, 1079), (650, 1139), (672, 1169), (790, 1268), (936, 1442), (941, 1451), (961, 1487), (964, 1493), (985, 1529), (1015, 1565), (1048, 1598), (1085, 1637), (1100, 1643), (1235, 1784), (1328, 1859), (1404, 1940), (1451, 1979),

Gene: Daishi_12 Start: 5882, Stop: 7582, Start Num: 105

Candidate Starts for Daishi_12:
(Start: 105 @5882 has 85 MA's), (Start: 145 @5930 has 1 MA's), (Start: 232 @6002 has 1 MA's), (302, 6065), (513, 6344), (620, 6542), (675, 6632), (718, 6695), (809, 6857), (983, 7055), (999, 7079), (1001, 7082), (1080, 7145), (1088, 7157), (1100, 7166), (1113, 7184), (1129, 7205), (1193, 7301), (1241, 7355), (1279, 7391), (1405, 7538), (1435, 7568), (1438, 7571),

Gene: Dalilpop_29 Start: 14581, Stop: 16257, Start Num: 155
Candidate Starts for Dalilpop_29:
(Start: 155 @14581 has 202 MA's), (Start: 317 @14731 has 15 MA's), (353, 14788), (372, 14815), (379, 14827), (Start: 403 @14857 has 1 MA's), (621, 15241), (635, 15268), (691, 15352), (740, 15436), (748, 15448), (768, 15481), (824, 15559), (917, 15640), (956, 15667), (983, 15709), (1010, 15745), (1034, 15775), (1104, 15856), (1113, 15871), (1196, 15979), (1258, 16054), (1365, 16165), (1387, 16195),

Gene: Dalmatian_12 Start: 7536, Stop: 9323, Start Num: 103
Candidate Starts for Dalmatian_12:
(Start: 103 @7536 has 236 MA's), (Start: 217 @7644 has 1 MA's), (234, 7665), (298, 7773), (424, 7935), (512, 8055), (513, 8058), (581, 8166), (620, 8256), (631, 8280), (704, 8397), (722, 8412), (916, 8712), (1088, 8898), (1113, 8925), (1129, 8946), (1193, 9042), (1405, 9279), (1433, 9306), (1435, 9309),

Gene: Dalmuri_8 Start: 1637, Stop: 3058, Start Num: 247
Candidate Starts for Dalmuri_8:
(Start: 165 @1565 has 76 MA's), (Start: 230 @1625 has 31 MA's), (Start: 247 @1637 has 171 MA's), (Start: 336 @1748 has 12 MA's), (342, 1754), (391, 1832), (402, 1841), (425, 1889), (444, 1907), (487, 1976), (514, 2018), (517, 2024), (532, 2051), (533, 2054), (607, 2171), (611, 2180), (675, 2261), (792, 2375), (820, 2423), (827, 2435), (851, 2465), (870, 2489), (880, 2501), (959, 2579), (962, 2585), (1112, 2729), (1146, 2762), (1187, 2816), (1353, 2993), (1425, 3047),

Gene: Damascus_10 Start: 3850, Stop: 5601, Start Num: 307
Candidate Starts for Damascus_10:
(Start: 303 @3844 has 2 MA's), (Start: 307 @3850 has 198 MA's), (358, 3934), (363, 3943), (367, 3949), (433, 4069), (488, 4183), (491, 4192), (516, 4246), (535, 4282), (548, 4306), (556, 4324), (570, 4342), (608, 4438), (644, 4516), (680, 4573), (750, 4708), (805, 4807), (892, 4936), (950, 5005), (956, 5017), (987, 5074), (1052, 5128), (1116, 5209), (1120, 5218), (1123, 5221), (1290, 5449), (1299, 5461),

Gene: Damocles_4 Start: 1013, Stop: 2494, Start Num: 309
Candidate Starts for Damocles_4:
(Start: 171 @848 has 16 MA's), (Start: 309 @1013 has 15 MA's), (334, 1052), (Start: 397 @1103 has 4 MA's), (405, 1115), (422, 1151), (431, 1169), (569, 1352), (620, 1466), (625, 1478), (650, 1526), (665, 1547), (677, 1562), (713, 1619), (961, 1934), (1003, 2000), (1015, 2012), (1048, 2045), (1096, 2084), (1102, 2093), (1105, 2096), (1151, 2162), (1176, 2192), (1212, 2237), (1257, 2279), (1283, 2306), (1286, 2309), (1364, 2402), (1369, 2408), (1385, 2429), (1394, 2441), (1447, 2480), (1449, 2483),

Gene: DanBing_3 Start: 907, Stop: 2469, Start Num: 142
Candidate Starts for DanBing_3:
(Start: 138 @901 has 120 MA's), (Start: 142 @907 has 6 MA's), (149, 916), (Start: 284 @1063 has 1 MA's), (361, 1165), (444, 1255), (512, 1360), (591, 1498), (594, 1504), (602, 1525), (611, 1549), (675, 1624), (710, 1672), (762, 1726), (776, 1750), (791, 1771), (807, 1795), (809, 1801), (827, 1831), (832, 1837), (863, 1873), (942, 1930), (954, 1948), (962, 1963), (1020, 2038), (1023, 2041), (1060, 2077), (1071, 2086), (1116, 2122), (1172, 2188), (1234, 2263), (1266, 2281), (1278, 2290), (1420, 2437), (1448, 2461), (1450, 2464),

Gene: DanHam62_2 Start: 370, Stop: 1992, Start Num: 193
Candidate Starts for DanHam62_2:
(Start: 171 @349 has 16 MA's), (Start: 193 @370 has 21 MA's), (Start: 397 @601 has 4 MA's), (399, 604), (405, 613), (422, 649), (431, 667), (488, 745), (569, 850), (620, 964), (631, 988), (650, 1024), (665, 1045), (677, 1060), (713, 1120), (774, 1204), (954, 1420), (961, 1432), (975, 1459), (1003, 1498), (1009, 1504), (1048, 1543), (1080, 1570), (1096, 1582), (1117, 1615), (1126, 1627), (1151, 1660), (1305, 1831), (1364, 1900), (1369, 1906), (1385, 1927), (1403, 1948), (1447, 1978), (1449, 1981), (1451, 1984),

Gene: DanSyl44_9 Start: 2583, Stop: 3923, Start Num: 336
Candidate Starts for DanSyl44_9:
(Start: 247 @2478 has 171 MA's), (Start: 336 @2583 has 12 MA's), (391, 2667), (402, 2676), (419, 2712), (425, 2724), (434, 2739), (463, 2766), (487, 2817), (493, 2835), (517, 2865), (532, 2892), (591, 2970), (607, 3012), (611, 3021), (613, 3024), (675, 3102), (679, 3111), (742, 3150), (792, 3216), (820, 3264), (851, 3306), (962, 3423), (992, 3465), (1042, 3510), (1111, 3579), (1150, 3624), (1160, 3645), (1187, 3669), (1353, 3846), (1425, 3912), (1431, 3918),

Gene: Dancer_13 Start: 7200, Stop: 8945, Start Num: 307
Candidate Starts for Dancer_13:
(Start: 307 @7200 has 198 MA's), (310, 7206), (363, 7293), (367, 7299), (387, 7335), (417, 7389), (467, 7485), (556, 7674), (570, 7692), (572, 7695), (599, 7764), (644, 7866), (666, 7902), (680, 7923), (693, 7947), (728, 8004), (750, 8052), (785, 8118), (805, 8151), (808, 8157), (823, 8187), (837, 8208), (892, 8280), (1053, 8475), (1111, 8541), (1120, 8562), (1123, 8565), (1160, 8625), (1244, 8736), (1274, 8772), (1290, 8793), (1299, 8805), (1334, 8850), (1336, 8853), (1370, 8895), (1372, 8898),

Gene: Danforth_8 Start: 5683, Stop: 7437, Start Num: 67
Candidate Starts for Danforth_8:
(Start: 67 @5683 has 32 MA's), (92, 5725), (Start: 128 @5764 has 7 MA's), (241, 5872), (424, 6079), (567, 6280), (620, 6388), (693, 6517), (793, 6682), (812, 6715), (926, 6835), (983, 6910), (1100, 7021), (1113, 7039), (1129, 7060), (1163, 7114), (1193, 7156), (1292, 7261), (1372, 7360), (1405, 7393), (1438, 7426), (1443, 7432),

Gene: Danimal_3 Start: 1074, Stop: 2534, Start Num: 250
Candidate Starts for Danimal_3:
(Start: 250 @1074 has 144 MA's), (Start: 254 @1080 has 2 MA's), (358, 1242), (363, 1251), (399, 1311), (444, 1380), (465, 1401), (488, 1452), (619, 1656), (806, 1869), (817, 1884), (842, 1920), (880, 1962), (911, 1995), (926, 2013), (1015, 2133), (1020, 2136), (1039, 2148), (1113, 2223), (1172, 2286), (1187, 2304), (1190, 2307), (1330, 2469), (1337, 2478), (1344, 2487), (1372, 2526),

Gene: Danno_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for Danno_3:
(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (806, 1881), (817, 1896), (842, 1932), (880, 1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298), (1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: Dante_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Dante_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109),

(602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: Danzina_7 Start: 2576, Stop: 4222, Start Num: 95
Candidate Starts for Danzina_7:
(Start: 95 @2576 has 98 MA's), (Start: 113 @2594 has 11 MA's), (Start: 330 @2798 has 14 MA's), (362, 2834), (504, 3014), (515, 3035), (548, 3080), (575, 3122), (603, 3194), (620, 3218), (680, 3317), (690, 3332), (704, 3356), (712, 3362), (838, 3530), (983, 3680), (997, 3701), (1006, 3713), (1088, 3791), (1165, 3899), (1193, 3938), (1214, 3959), (1219, 3965), (1236, 3983), (1372, 4139),

Gene: Daob_4 Start: 1013, Stop: 2494, Start Num: 309
Candidate Starts for Daob_4:
(Start: 171 @848 has 16 MA's), (Start: 309 @1013 has 15 MA's), (334, 1052), (Start: 397 @1103 has 4 MA's), (405, 1115), (422, 1151), (431, 1169), (569, 1352), (620, 1466), (625, 1478), (628, 1484), (650, 1526), (665, 1547), (677, 1562), (713, 1619), (961, 1934), (1003, 2000), (1048, 2045), (1096, 2084), (1105, 2096), (1117, 2117), (1151, 2162), (1176, 2192), (1212, 2237), (1257, 2279), (1283, 2306), (1286, 2309), (1364, 2402), (1369, 2408), (1385, 2429), (1394, 2441), (1447, 2480), (1449, 2483),

Gene: Darby_7 Start: 3576, Stop: 5315, Start Num: 307
Candidate Starts for Darby_7:
(Start: 307 @3576 has 198 MA's), (367, 3675), (433, 3795), (485, 3894), (502, 3936), (516, 3966), (532, 3996), (556, 4044), (572, 4065), (611, 4167), (644, 4236), (656, 4260), (709, 4350), (750, 4422), (791, 4497), (805, 4521), (892, 4650), (956, 4731), (1053, 4845), (1071, 4863), (1076, 4869), (1120, 4932), (1123, 4935), (1252, 5124), (1273, 5139), (1276, 5145), (1290, 5163), (1299, 5175), (1370, 5265), (1372, 5268),

Gene: Dardanus_9 Start: 3554, Stop: 5239, Start Num: 133
Candidate Starts for Dardanus_9:
(Start: 133 @3554 has 3 MA's), (Start: 233 @3656 has 12 MA's), (422, 3896), (444, 3920), (465, 3941), (474, 3959), (484, 3980), (537, 4076), (569, 4124), (593, 4172), (595, 4178), (611, 4223), (631, 4262), (632, 4265), (634, 4268), (648, 4295), (774, 4403), (838, 4505), (948, 4637), (1015, 4742), (1081, 4808), (1126, 4859), (1139, 4877), (1221, 4997), (1274, 5030), (1307, 5072), (1336, 5105), (1378, 5156), (1453, 5225), (1459, 5231),

Gene: Daredevil_12 Start: 5000, Stop: 6736, Start Num: 148
Candidate Starts for Daredevil_12:
(Start: 148 @5000 has 26 MA's), (163, 5015), (Start: 238 @5072 has 22 MA's), (Start: 305 @5129 has 33 MA's), (411, 5261), (467, 5372), (488, 5408), (538, 5504), (615, 5648), (629, 5675), (654, 5723), (789, 5930), (814, 5975), (966, 6128), (1080, 6290), (1146, 6371), (1198, 6446), (1258, 6518), (1289, 6554), (1318, 6590), (1372, 6650),

Gene: Darionha_2 Start: 359, Stop: 1891, Start Num: 161
Candidate Starts for Darionha_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Darrell_14 Start: 8335, Stop: 10122, Start Num: 103
Candidate Starts for Darrell_14:
(Start: 103 @8335 has 236 MA's), (Start: 117 @8350 has 10 MA's), (Start: 217 @8437 has 1 MA's), (241, 8467), (298, 8566), (Start: 330 @8617 has 14 MA's), (424, 8728), (487, 8800), (513, 8854), (538, 8893), (581, 8965), (620, 9055), (631, 9079), (722, 9211), (778, 9319), (823, 9394), (898, 9490), (1006, 9631), (1113, 9724), (1115, 9727), (1129, 9745), (1163, 9799), (1193, 9841), (1241, 9895), (1281, 9934), (1295, 9949), (1405, 10078), (1433, 10105), (1435, 10108),

Gene: DartGoblin_8 Start: 1545, Stop: 2966, Start Num: 247
Candidate Starts for DartGoblin_8:
(Start: 165 @1473 has 76 MA's), (Start: 204 @1512 has 1 MA's), (Start: 230 @1533 has 31 MA's), (Start: 247 @1545 has 171 MA's), (Start: 336 @1656 has 12 MA's), (342, 1662), (391, 1740), (402, 1749), (425, 1797), (444, 1815), (487, 1884), (514, 1926), (517, 1932), (532, 1959), (607, 2079), (611, 2088), (675, 2169), (686, 2187), (792, 2283), (820, 2331), (827, 2343), (851, 2373), (870, 2397), (880, 2409), (959, 2487), (962, 2493), (1112, 2637), (1146, 2670), (1187, 2724), (1353, 2901), (1425, 2955),

Gene: DarthP_7 Start: 1387, Stop: 2811, Start Num: 247
Candidate Starts for DarthP_7:
(Start: 230 @1375 has 31 MA's), (Start: 247 @1387 has 171 MA's), (Start: 322 @1474 has 1 MA's), (Start: 336 @1498 has 12 MA's), (391, 1582), (402, 1591), (425, 1639), (444, 1657), (463, 1675), (487, 1726), (517, 1774), (607, 1921), (611, 1930), (613, 1933), (636, 1963), (675, 2011), (792, 2125), (827, 2185), (851, 2215), (893, 2266), (911, 2287), (962, 2335), (993, 2377), (1042, 2407), (1112, 2479), (1187, 2566), (1353, 2743), (1425, 2800), (1431, 2806),

Gene: DarthPhader_13 Start: 8323, Stop: 10107, Start Num: 103
Candidate Starts for DarthPhader_13:
(Start: 103 @8323 has 236 MA's), (Start: 121 @8344 has 5 MA's), (Start: 232 @8443 has 1 MA's), (241, 8455), (281, 8521), (298, 8554), (362, 8641), (487, 8785), (513, 8839), (538, 8878), (581, 8950), (620, 9040), (631, 9064), (693, 9163), (704, 9181), (722, 9196), (803, 9340), (983, 9583), (1064, 9655), (1080, 9670), (1129, 9730), (1193, 9826), (1279, 9916), (1402, 10060), (1405, 10063), (1433, 10090), (1435, 10093), (1438, 10096),

Gene: Dartin_8 Start: 1660, Stop: 3090, Start Num: 247
Candidate Starts for Dartin_8:
(Start: 197 @1618 has 3 MA's), (Start: 230 @1648 has 31 MA's), (Start: 247 @1660 has 171 MA's), (Start: 322 @1750 has 1 MA's), (Start: 336 @1774 has 12 MA's), (342, 1780), (363, 1819), (391, 1858), (402, 1867), (405, 1873), (425, 1915), (444, 1933), (463, 1951), (487, 2002), (517, 2050), (607, 2197), (611, 2206), (742, 2335), (792, 2401), (816, 2443), (820, 2449), (827, 2461), (851, 2491), (870, 2515), (893, 2542), (962, 2611), (993, 2653), (1042, 2683), (1064, 2707), (1112, 2755), (1160, 2818), (1187, 2842), (1235, 2893), (1283, 2932), (1353, 3022), (1389, 3061), (1425, 3079), (1431, 3085),

Gene: Darwin_15 Start: 7903, Stop: 9510, Start Num: 216
Candidate Starts for Darwin_15:
(Start: 216 @7903 has 1 MA's), (341, 8041), (360, 8071), (372, 8095), (402, 8137), (Start: 403 @8140 has 1 MA's), (414, 8164), (473, 8239), (475, 8242), (496, 8284), (510, 8311), (520, 8329), (535, 8356), (545, 8374), (546, 8377), (581, 8431), (621, 8515), (622, 8518), (633, 8539), (647, 8560), (694, 8632), (717, 8662), (740, 8713), (801, 8794), (985, 8989), (1088, 9091), (1113, 9118), (1117, 9127), (1203, 9238), (1258, 9301), (1365, 9412), (1372, 9421), (1450, 9502),

Gene: DatBoi_13 Start: 6914, Stop: 8650, Start Num: 148
Candidate Starts for DatBoi_13:
(Start: 148 @6914 has 26 MA's), (Start: 238 @6986 has 22 MA's), (402, 7157), (411, 7175), (467, 7286), (488, 7322), (538, 7418), (615, 7562), (629, 7589), (654, 7637), (789, 7844), (814, 7889), (874,

7970), (966, 8042), (1198, 8360), (1289, 8468), (1372, 8564),

Gene: Dattran_7 Start: 2377, Stop: 4023, Start Num: 95
Candidate Starts for Dattran_7:
(Start: 95 @2377 has 98 MA's), (Start: 113 @2395 has 11 MA's), (Start: 330 @2599 has 14 MA's), (362, 2635), (504, 2815), (515, 2836), (575, 2923), (603, 2995), (620, 3019), (680, 3118), (690, 3133), (704, 3157), (712, 3163), (838, 3331), (903, 3391), (983, 3481), (997, 3502), (1088, 3592), (1129, 3640), (1193, 3739), (1214, 3760), (1219, 3766), (1236, 3784), (1372, 3940),

Gene: Datway_11 Start: 6893, Stop: 8590, Start Num: 102
Candidate Starts for Datway_11:
(Start: 102 @6893 has 400 MA's), (Start: 124 @6917 has 46 MA's), (381, 7163), (469, 7268), (512, 7346), (513, 7349), (538, 7388), (581, 7457), (593, 7481), (620, 7547), (675, 7637), (774, 7802), (803, 7847), (825, 7889), (848, 7922), (923, 7988), (981, 8060), (983, 8063), (999, 8087), (1080, 8153), (1113, 8192), (1129, 8213), (1193, 8309), (1402, 8543), (1405, 8546), (1435, 8576), (1438, 8579),

Gene: Daudau_6 Start: 2153, Stop: 3799, Start Num: 95
Candidate Starts for Daudau_6:
(Start: 95 @2153 has 98 MA's), (381, 2423), (402, 2447), (407, 2456), (485, 2549), (504, 2591), (508, 2597), (515, 2612), (575, 2699), (603, 2771), (620, 2795), (659, 2864), (680, 2894), (701, 2930), (722, 2948), (813, 3071), (838, 3107), (851, 3125), (997, 3278), (1088, 3368), (1113, 3395), (1193, 3515), (1214, 3536), (1236, 3560), (1292, 3620), (1372, 3716), (1445, 3794),

Gene: DeadP_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for DeadP_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (487, 953), (488, 956), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: Deano_11 Start: 6890, Stop: 8587, Start Num: 102
Candidate Starts for Deano_11:
(Start: 102 @6890 has 400 MA's), (Start: 124 @6914 has 46 MA's), (Start: 251 @7037 has 3 MA's), (350, 7127), (381, 7160), (467, 7259), (512, 7343), (513, 7346), (538, 7385), (581, 7454), (593, 7478), (620, 7544), (675, 7634), (774, 7799), (825, 7886), (848, 7919), (923, 7985), (981, 8057), (983, 8060), (999, 8084), (1064, 8135), (1080, 8150), (1113, 8189), (1129, 8210), (1193, 8306), (1405, 8543), (1435, 8573), (1438, 8576),

Gene: DearBasketball_2 Start: 512, Stop: 2101, Start Num: 206
Candidate Starts for DearBasketball_2:
(Start: 206 @512 has 13 MA's), (314, 647), (Start: 317 @653 has 15 MA's), (347, 695), (402, 734), (419, 770), (463, 818), (490, 878), (518, 920), (520, 923), (532, 947), (533, 950), (569, 977), (598, 1040), (630, 1112), (645, 1142), (648, 1148), (650, 1151), (652, 1154), (852, 1418), (865, 1433), (867, 1436), (877, 1448), (938, 1508), (964, 1553), (973, 1571), (997, 1610), (1105, 1703), (1117, 1724), (1124, 1733), (1170, 1793), (1190, 1817), (1219, 1853), (1290, 1925), (1369, 2018), (1385, 2036), (1449, 2090),

Gene: Deb65_2 Start: 571, Stop: 2208, Start Num: 155

Candidate Starts for Deb65_2:
(Start: 155 @571 has 202 MA's), (163, 580), (Start: 176 @595 has 3 MA's), (Start: 247 @652 has 171 MA's), (Start: 250 @655 has 144 MA's), (Start: 318 @718 has 1 MA's), (353, 757), (412, 844), (454, 904), (473, 916), (484, 928), (487, 937), (488, 940), (496, 961), (508, 982), (548, 1054), (575, 1093), (602, 1162), (604, 1168), (621, 1198), (622, 1201), (627, 1210), (635, 1225), (647, 1243), (680, 1294), (736, 1387), (740, 1396), (862, 1567), (874, 1579), (983, 1663), (1005, 1693), (1007, 1696), (1010, 1699), (1080, 1756), (1097, 1771), (1101, 1777), (1104, 1780), (1113, 1795), (1117, 1804), (1164, 1873), (1190, 1903), (1196, 1912), (1225, 1945), (1250, 1978), (1265, 2005), (1297, 2038), (1325, 2068), (1349, 2089), (1365, 2113), (1372, 2122), (1374, 2125), (1429, 2182),

Gene: Deby_8 Start: 1575, Stop: 2996, Start Num: 247
Candidate Starts for Deby_8:
(Start: 165 @1503 has 76 MA's), (Start: 230 @1563 has 31 MA's), (Start: 247 @1575 has 171 MA's), (Start: 336 @1686 has 12 MA's), (342, 1692), (391, 1770), (402, 1779), (425, 1827), (444, 1845), (487, 1914), (514, 1956), (517, 1962), (607, 2109), (611, 2118), (686, 2217), (792, 2313), (820, 2361), (827, 2373), (851, 2403), (870, 2427), (880, 2439), (893, 2454), (962, 2523), (1112, 2667), (1187, 2754), (1353, 2931), (1425, 2985),

Gene: Decurro_4 Start: 800, Stop: 2290, Start Num: 202
Candidate Starts for Decurro_4:
(Start: 202 @800 has 39 MA's), (245, 845), (Start: 318 @947 has 1 MA's), (Start: 333 @965 has 4 MA's), (Start: 336 @974 has 12 MA's), (354, 992), (Start: 397 @1025 has 4 MA's), (399, 1028), (405, 1037), (419, 1067), (434, 1094), (506, 1193), (577, 1292), (585, 1316), (586, 1319), (588, 1322), (607, 1367), (789, 1601), (820, 1649), (827, 1661), (864, 1700), (886, 1718), (902, 1730), (904, 1733), (922, 1754), (937, 1760), (946, 1772), (987, 1850), (1047, 1904), (1112, 1958), (1121, 1970), (1206, 2063), (1299, 2147), (1349, 2204), (1406, 2273),

Gene: DeepSoil15_5 Start: 1855, Stop: 3489, Start Num: 102
Candidate Starts for DeepSoil15_5:
(Start: 102 @1855 has 400 MA's), (Start: 153 @1894 has 15 MA's), (Start: 208 @1942 has 5 MA's), (342, 2113), (396, 2152), (512, 2332), (516, 2341), (522, 2350), (566, 2413), (570, 2419), (605, 2503), (606, 2506), (607, 2509), (675, 2605), (677, 2608), (680, 2617), (745, 2683), (766, 2713), (785, 2740), (807, 2773), (820, 2794), (822, 2797), (919, 2893), (946, 2914), (1002, 3004), (1051, 3046), (1074, 3064), (1078, 3070), (1146, 3133), (1149, 3139), (1150, 3142), (1187, 3187), (1191, 3193), (1213, 3220), (1226, 3235), (1290, 3286), (1297, 3295), (1309, 3310), (1317, 3313), (1346, 3352), (1358, 3367), (1371, 3382), (1374, 3385), (1460, 3463), (1462, 3469),

Gene: DeerParkTS_13 Start: 7485, Stop: 9272, Start Num: 103
Candidate Starts for DeerParkTS_13:
(Start: 103 @7485 has 236 MA's), (Start: 217 @7593 has 1 MA's), (234, 7614), (278, 7680), (288, 7704), (298, 7722), (Start: 330 @7773 has 14 MA's), (362, 7809), (411, 7863), (512, 8004), (513, 8007), (581, 8115), (620, 8205), (631, 8229), (704, 8346), (722, 8361), (803, 8505), (916, 8661), (1088, 8847), (1113, 8874), (1115, 8877), (1129, 8895), (1193, 8991), (1405, 9228), (1433, 9255), (1435, 9258),

Gene: DekHockey33_14 Start: 6808, Stop: 8505, Start Num: 103
Candidate Starts for DekHockey33_14:
(Start: 103 @6808 has 236 MA's), (120, 6826), (302, 6988), (487, 7213), (513, 7267), (581, 7375), (594, 7402), (620, 7465), (631, 7489), (999, 8005), (1080, 8068), (1115, 8110), (1193, 8224), (1292, 8329), (1405, 8461), (1433, 8488), (1435, 8491), (1438, 8494),

Gene: DelRio_6 Start: 2230, Stop: 3660, Start Num: 317
Candidate Starts for DelRio_6:

(90, 1960), (Start: 176 @2062 has 3 MA's), (Start: 179 @2065 has 1 MA's), (182, 2068), (188, 2074), (Start: 317 @2230 has 15 MA's), (Start: 330 @2248 has 14 MA's), (431, 2371), (459, 2389), (481, 2428), (484, 2437), (536, 2521), (594, 2605), (600, 2620), (613, 2653), (659, 2719), (712, 2788), (752, 2851), (893, 3040), (903, 3052), (954, 3100), (1023, 3193), (1080, 3244), (1111, 3268), (1112, 3271), (1139, 3298), (1187, 3358), (1213, 3391), (1226, 3406), (1278, 3442), (1317, 3484), (1336, 3511), (1371, 3547), (1377, 3553), (1409, 3592),

Gene: Delian_2 Start: 360, Stop: 1928, Start Num: 173
Candidate Starts for Delian_2:
(65, 255), (Start: 173 @360 has 36 MA's), (259, 444), (289, 477), (Start: 318 @519 has 1 MA's), (Start: 333 @537 has 4 MA's), (342, 552), (384, 573), (399, 594), (419, 633), (465, 693), (483, 729), (487, 741), (515, 786), (520, 795), (539, 822), (593, 900), (648, 1005), (661, 1020), (675, 1035), (745, 1113), (778, 1164), (919, 1320), (956, 1359), (973, 1398), (1015, 1443), (1071, 1488), (1074, 1491), (1078, 1497), (1107, 1518), (1112, 1527), (1113, 1530), (1146, 1560), (1157, 1584), (1174, 1599), (1278, 1701), (1317, 1743), (1326, 1758), (1346, 1779), (1358, 1794), (1449, 1890), (1459, 1902), (1463, 1911), (1464, 1917),

Gene: Deloris_13 Start: 7865, Stop: 9655, Start Num: 103
Candidate Starts for Deloris_13:
(27, 7691), (Start: 103 @7865 has 236 MA's), (Start: 217 @7973 has 1 MA's), (234, 7994), (298, 8102), (314, 8126), (513, 8390), (581, 8498), (620, 8588), (631, 8612), (704, 8729), (722, 8744), (916, 9044), (1088, 9230), (1113, 9257), (1129, 9278), (1193, 9374), (1405, 9611), (1433, 9638), (1435, 9641),

Gene: DelvinSonDorr_14 Start: 7524, Stop: 9278, Start Num: 103
Candidate Starts for DelvinSonDorr_14:
(Start: 103 @7524 has 236 MA's), (298, 7755), (Start: 330 @7806 has 14 MA's), (362, 7842), (424, 7917), (513, 8040), (538, 8079), (581, 8148), (593, 8172), (594, 8175), (620, 8238), (631, 8262), (693, 8361), (696, 8364), (718, 8391), (722, 8394), (923, 8679), (992, 8766), (999, 8778), (1080, 8841), (1113, 8880), (1129, 8901), (1182, 8985), (1193, 8997), (1405, 9234), (1433, 9261), (1435, 9264),

Gene: Demure_14 Start: 8072, Stop: 9817, Start Num: 307
Candidate Starts for Demure_14:
(Start: 307 @8072 has 198 MA's), (310, 8078), (363, 8165), (367, 8171), (387, 8207), (417, 8261), (433, 8291), (467, 8357), (502, 8438), (532, 8498), (556, 8546), (570, 8564), (572, 8567), (599, 8636), (615, 8675), (637, 8720), (644, 8738), (680, 8795), (728, 8876), (750, 8924), (805, 9023), (808, 9029), (823, 9059), (837, 9080), (841, 9086), (872, 9128), (892, 9152), (1053, 9347), (1088, 9389), (1111, 9413), (1120, 9434), (1123, 9437), (1288, 9662), (1290, 9665), (1299, 9677), (1370, 9767), (1372, 9770),

Gene: Denise_2 Start: 318, Stop: 1895, Start Num: 151
Candidate Starts for Denise_2:
(Start: 121 @300 has 5 MA's), (Start: 151 @318 has 55 MA's), (Start: 297 @474 has 6 MA's), (Start: 318 @504 has 1 MA's), (342, 537), (421, 621), (425, 630), (465, 666), (491, 726), (512, 753), (566, 816), (568, 819), (583, 855), (607, 912), (620, 936), (648, 978), (675, 1008), (692, 1038), (723, 1071), (778, 1137), (789, 1149), (808, 1179), (877, 1251), (919, 1293), (946, 1314), (959, 1338), (962, 1344), (971, 1365), (1054, 1455), (1057, 1458), (1078, 1476), (1109, 1500), (1112, 1506), (1142, 1536), (1146, 1539), (1187, 1593), (1216, 1629), (1280, 1680), (1331, 1740), (1334, 1743), (1371, 1785), (1461, 1878),

Gene: Devera_8 Start: 1604, Stop: 3025, Start Num: 247
Candidate Starts for Devera_8:
(Start: 165 @1532 has 76 MA's), (Start: 230 @1592 has 31 MA's), (Start: 247 @1604 has 171 MA's), (Start: 336 @1715 has 12 MA's), (342, 1721), (391, 1799), (402, 1808), (425, 1856), (444, 1874), (487,

1943), (514, 1985), (517, 1991), (532, 2018), (533, 2021), (591, 2096), (607, 2138), (611, 2147), (675, 2228), (792, 2342), (820, 2390), (827, 2402), (851, 2432), (870, 2456), (880, 2468), (893, 2483), (962, 2552), (987, 2591), (1112, 2696), (1146, 2729), (1187, 2783), (1353, 2960), (1425, 3014),

Gene: DevitoJr_7 Start: 3718, Stop: 5457, Start Num: 307
Candidate Starts for DevitoJr_7:
(Start: 307 @3718 has 198 MA's), (367, 3817), (433, 3937), (485, 4036), (502, 4078), (516, 4108), (532, 4138), (556, 4186), (572, 4207), (611, 4309), (644, 4378), (656, 4402), (709, 4492), (750, 4564), (791, 4639), (805, 4663), (892, 4792), (956, 4873), (1053, 4987), (1071, 5005), (1076, 5011), (1120, 5074), (1123, 5077), (1252, 5266), (1273, 5281), (1276, 5287), (1290, 5305), (1299, 5317), (1370, 5407), (1372, 5410),

Gene: Dewayne_4 Start: 800, Stop: 2290, Start Num: 202
Candidate Starts for Dewayne_4:
(Start: 202 @800 has 39 MA's), (245, 845), (Start: 318 @947 has 1 MA's), (Start: 333 @965 has 4 MA's), (Start: 336 @974 has 12 MA's), (Start: 397 @1025 has 4 MA's), (399, 1028), (405, 1037), (419, 1067), (434, 1094), (506, 1193), (577, 1292), (585, 1316), (586, 1319), (588, 1322), (607, 1367), (789, 1601), (820, 1649), (827, 1661), (864, 1700), (886, 1718), (902, 1730), (904, 1733), (922, 1754), (937, 1760), (946, 1772), (987, 1850), (1047, 1904), (1112, 1958), (1121, 1970), (1156, 2015), (1206, 2063), (1299, 2147), (1349, 2204), (1406, 2273),

Gene: Dewey_5 Start: 1855, Stop: 3489, Start Num: 102
Candidate Starts for Dewey_5:
(Start: 102 @1855 has 400 MA's), (Start: 153 @1894 has 15 MA's), (Start: 208 @1942 has 5 MA's), (342, 2113), (396, 2152), (512, 2332), (516, 2341), (522, 2350), (566, 2413), (570, 2419), (605, 2503), (606, 2506), (607, 2509), (675, 2605), (677, 2608), (680, 2617), (745, 2683), (766, 2713), (785, 2740), (807, 2773), (820, 2794), (822, 2797), (919, 2893), (946, 2914), (1002, 3004), (1051, 3046), (1074, 3064), (1078, 3070), (1146, 3133), (1149, 3139), (1150, 3142), (1187, 3187), (1191, 3193), (1213, 3220), (1226, 3235), (1290, 3286), (1297, 3295), (1309, 3310), (1317, 3313), (1346, 3352), (1358, 3367), (1371, 3382), (1374, 3385), (1460, 3463), (1462, 3469),

Gene: Dexers_5 Start: 2218, Stop: 3864, Start Num: 95
Candidate Starts for Dexers_5:
(Start: 89 @2209 has 1 MA's), (Start: 95 @2218 has 98 MA's), (Start: 98 @2221 has 2 MA's), (Start: 113 @2236 has 11 MA's), (Start: 207 @2314 has 6 MA's), (Start: 330 @2440 has 14 MA's), (362, 2476), (407, 2521), (485, 2614), (490, 2629), (504, 2656), (509, 2665), (515, 2677), (575, 2764), (594, 2812), (620, 2860), (680, 2959), (704, 2998), (803, 3112), (812, 3133), (838, 3172), (926, 3253), (983, 3322), (987, 3328), (997, 3343), (1064, 3406), (1164, 3538), (1193, 3580), (1219, 3607), (1236, 3625), (1281, 3673), (1372, 3781),

Gene: Dexes_12 Start: 7609, Stop: 9297, Start Num: 102
Candidate Starts for Dexes_12:
(Start: 102 @7609 has 400 MA's), (381, 7873), (402, 7897), (513, 8059), (535, 8092), (581, 8167), (620, 8257), (631, 8281), (647, 8308), (679, 8356), (774, 8512), (809, 8572), (1009, 8806), (1021, 8818), (1080, 8860), (1100, 8881), (1117, 8908), (1193, 9016), (1279, 9106), (1365, 9211),

Gene: Dhanush_11 Start: 6887, Stop: 8584, Start Num: 102
Candidate Starts for Dhanush_11:
(Start: 102 @6887 has 400 MA's), (Start: 124 @6911 has 46 MA's), (Start: 251 @7034 has 3 MA's), (350, 7124), (381, 7157), (467, 7256), (512, 7340), (513, 7343), (538, 7382), (581, 7451), (593, 7475), (620, 7541), (675, 7631), (774, 7796), (825, 7883), (848, 7916), (923, 7982), (981, 8054), (983, 8057), (999, 8081), (1064, 8132), (1080, 8147), (1113, 8186), (1129, 8207), (1193, 8303), (1405, 8540), (1435, 8570), (1438, 8573),

Gene: Dialga_17 Start: 9229, Stop: 10974, Start Num: 307
Candidate Starts for Dialga_17:
(Start: 307 @9229 has 198 MA's), (310, 9235), (367, 9328), (387, 9364), (417, 9418), (433, 9448), (502, 9595), (556, 9703), (570, 9721), (572, 9724), (599, 9793), (637, 9877), (644, 9895), (680, 9952), (750, 10081), (805, 10180), (808, 10186), (872, 10285), (892, 10309), (1053, 10504), (1088, 10546), (1111, 10570), (1120, 10591), (1123, 10594), (1249, 10774), (1288, 10819), (1290, 10822), (1299, 10834), (1315, 10852), (1370, 10924), (1372, 10927),

Gene: Diane_6 Start: 2144, Stop: 3793, Start Num: 95
Candidate Starts for Diane_6:
(Start: 95 @2144 has 98 MA's), (Start: 207 @2243 has 6 MA's), (314, 2342), (Start: 330 @2369 has 14 MA's), (381, 2417), (407, 2450), (490, 2558), (504, 2585), (515, 2606), (548, 2651), (575, 2693), (603, 2765), (620, 2789), (680, 2888), (701, 2924), (722, 2942), (812, 3062), (813, 3065), (838, 3101), (997, 3272), (1006, 3284), (1064, 3335), (1113, 3389), (1117, 3398), (1193, 3509), (1214, 3530), (1236, 3554), (1372, 3710), (1445, 3788),

Gene: DickRichards_3 Start: 1160, Stop: 2782, Start Num: 225
Candidate Starts for DickRichards_3:
(Start: 225 @1160 has 84 MA's), (339, 1316), (431, 1424), (459, 1439), (474, 1469), (485, 1493), (490, 1508), (513, 1541), (569, 1607), (594, 1658), (595, 1661), (620, 1721), (662, 1799), (1003, 2249), (1020, 2264), (1328, 2615), (1369, 2663), (1464, 2771),

Gene: Didgeridoo_4 Start: 944, Stop: 2572, Start Num: 225
Candidate Starts for Didgeridoo_4:
(Start: 225 @944 has 84 MA's), (339, 1100), (431, 1208), (474, 1253), (490, 1292), (518, 1334), (569, 1391), (594, 1442), (595, 1445), (620, 1505), (628, 1523), (643, 1553), (662, 1583), (1003, 2039), (1020, 2054), (1117, 2156), (1328, 2405), (1369, 2453), (1387, 2477), (1447, 2522),

Gene: Dieselweasel_13 Start: 6958, Stop: 8658, Start Num: 105
Candidate Starts for Dieselweasel_13:
(Start: 105 @6958 has 85 MA's), (Start: 145 @7006 has 1 MA's), (302, 7141), (467, 7333), (513, 7420), (620, 7618), (675, 7708), (718, 7771), (809, 7933), (983, 8131), (999, 8155), (1001, 8158), (1080, 8221), (1100, 8242), (1129, 8281), (1193, 8377), (1241, 8431), (1279, 8467), (1405, 8614), (1435, 8644), (1438, 8647),

Gene: Dignity_14 Start: 7832, Stop: 9619, Start Num: 103
Candidate Starts for Dignity_14:
(Start: 103 @7832 has 236 MA's), (Start: 217 @7940 has 1 MA's), (234, 7961), (278, 8027), (280, 8033), (298, 8069), (314, 8093), (362, 8156), (512, 8351), (513, 8354), (581, 8462), (620, 8552), (631, 8576), (679, 8651), (704, 8693), (722, 8708), (916, 9008), (1088, 9194), (1113, 9221), (1129, 9242), (1193, 9338), (1405, 9575), (1435, 9605),

Gene: DillTech15_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for DillTech15_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320,

2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: Diminimus_15 Start: 4718, Stop: 6262, Start Num: 170
Candidate Starts for Diminimus_15:
(Start: 170 @4718 has 103 MA's), (215, 4766), (398, 4967), (487, 5105), (606, 5297), (776, 5507), (809, 5558), (863, 5630), (959, 5693), (970, 5717), (977, 5732), (1041, 5792), (1050, 5804), (1113, 5864), (1142, 5897), (1160, 5930), (1190, 5957), (1228, 6005), (1400, 6191), (1420, 6212),

Gene: Dina_2 Start: 371, Stop: 1957, Start Num: 218
Candidate Starts for Dina_2:
(Start: 218 @371 has 8 MA's), (Start: 220 @374 has 6 MA's), (Start: 225 @380 has 84 MA's), (350, 551), (Start: 397 @629 has 4 MA's), (Start: 403 @638 has 1 MA's), (513, 812), (587, 914), (591, 920), (595, 929), (598, 938), (623, 998), (648, 1046), (650, 1049), (748, 1112), (809, 1205), (867, 1271), (983, 1427), (998, 1445), (1049, 1490), (1080, 1532), (1114, 1568), (1122, 1583), (1142, 1610), (1146, 1613), (1154, 1628), (1183, 1661), (1197, 1676), (1235, 1724), (1277, 1754), (1291, 1772), (1350, 1847), (1411, 1922), (1448, 1946),

Gene: Dinallo_8 Start: 4800, Stop: 6539, Start Num: 307
Candidate Starts for Dinallo_8:
(Start: 307 @4800 has 198 MA's), (367, 4899), (433, 5019), (485, 5118), (502, 5160), (516, 5190), (532, 5220), (556, 5268), (572, 5289), (611, 5391), (644, 5460), (656, 5484), (666, 5496), (709, 5574), (750, 5646), (791, 5721), (805, 5745), (872, 5850), (892, 5874), (956, 5955), (981, 6003), (1053, 6069), (1071, 6087), (1076, 6093), (1120, 6156), (1123, 6159), (1273, 6363), (1290, 6387), (1299, 6399), (1370, 6489), (1372, 6492),

Gene: DingDing_2 Start: 359, Stop: 1891, Start Num: 161
Candidate Starts for DingDing_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Dinger_8 Start: 3152, Stop: 4834, Start Num: 107
Candidate Starts for Dinger_8:
(Start: 107 @3152 has 35 MA's), (Start: 309 @3338 has 15 MA's), (362, 3410), (381, 3422), (408, 3458), (523, 3626), (567, 3686), (620, 3794), (770, 4049), (812, 4121), (956, 4265), (983, 4307), (1006, 4340), (1080, 4397), (1088, 4409), (1193, 4553), (1236, 4598), (1292, 4658), (1372, 4757), (1405, 4790), (1433, 4817), (1435, 4820), (1438, 4823),

Gene: Dino_5 Start: 3082, Stop: 4647, Start Num: 165
Candidate Starts for Dino_5:
(Start: 165 @3082 has 76 MA's), (Start: 333 @3292 has 4 MA's), (Start: 397 @3346 has 4 MA's), (426, 3403), (431, 3412), (584, 3652), (593, 3667), (595, 3673), (620, 3733), (650, 3793), (770, 3892), (790, 3922), (803, 3937), (852, 4018), (936, 4096), (941, 4105), (961, 4141), (983, 4180), (1009, 4213), (1020, 4222), (1046, 4249), (1105, 4303), (1133, 4345), (1197, 4390), (1212, 4411), (1232, 4435), (1328, 4513), (1451, 4633),

Gene: DinoDaryn_9 Start: 3697, Stop: 5304, Start Num: 207
Candidate Starts for DinoDaryn_9:
(Start: 133 @3619 has 3 MA's), (Start: 207 @3697 has 6 MA's), (402, 3925), (422, 3967), (474, 4030), (484, 4051), (569, 4189), (595, 4243), (631, 4327), (632, 4330), (634, 4333), (650, 4363), (838, 4570),

(941, 4693), (991, 4780), (1004, 4795), (1020, 4810), (1081, 4873), (1139, 4942), (1163, 4984), (1219, 5059), (1221, 5062), (1274, 5095), (1328, 5161), (1371, 5212), (1453, 5290), (1459, 5296),

Gene: DinoNuggs_3 Start: 640, Stop: 2217, Start Num: 206
Candidate Starts for DinoNuggs_3:
(127, 547), (Start: 206 @640 has 13 MA's), (347, 823), (402, 862), (405, 868), (419, 898), (490, 1006), (532, 1075), (569, 1105), (598, 1168), (630, 1240), (645, 1270), (648, 1276), (650, 1279), (827, 1525), (852, 1546), (865, 1561), (867, 1564), (877, 1576), (938, 1636), (964, 1681), (973, 1699), (979, 1708), (997, 1738), (1105, 1831), (1117, 1852), (1124, 1861), (1170, 1921), (1290, 2041), (1369, 2134), (1385, 2152), (1449, 2206),

Gene: DirkDirk_4 Start: 1053, Stop: 2636, Start Num: 138
Candidate Starts for DirkDirk_4:
(Start: 138 @1053 has 120 MA's), (Start: 142 @1059 has 6 MA's), (293, 1230), (361, 1317), (396, 1335), (402, 1341), (419, 1377), (513, 1515), (515, 1518), (566, 1593), (593, 1650), (594, 1653), (710, 1821), (762, 1875), (766, 1884), (776, 1899), (791, 1920), (813, 1959), (827, 1980), (832, 1986), (855, 2013), (900, 2055), (942, 2079), (954, 2097), (959, 2106), (962, 2112), (977, 2145), (1009, 2178), (1050, 2217), (1057, 2223), (1060, 2226), (1116, 2271), (1172, 2337), (1213, 2388), (1234, 2412), (1263, 2427), (1266, 2430), (1373, 2532), (1394, 2559), (1448, 2610), (1450, 2613),

Gene: DirtDevil_12 Start: 7559, Stop: 9247, Start Num: 102
Candidate Starts for DirtDevil_12:
(Start: 102 @7559 has 400 MA's), (Start: 309 @7739 has 15 MA's), (381, 7823), (408, 7859), (424, 7886), (513, 8009), (535, 8042), (581, 8117), (620, 8207), (631, 8231), (647, 8258), (679, 8306), (728, 8375), (767, 8450), (774, 8462), (778, 8471), (809, 8522), (1001, 8747), (1009, 8756), (1021, 8768), (1080, 8810), (1100, 8831), (1117, 8858), (1193, 8966), (1279, 9056), (1365, 9161),

Gene: DirtPie_3 Start: 1179, Stop: 2639, Start Num: 250
Candidate Starts for DirtPie_3:
(Start: 250 @1179 has 144 MA's), (Start: 254 @1185 has 2 MA's), (358, 1347), (363, 1356), (399, 1416), (444, 1485), (465, 1506), (488, 1557), (619, 1761), (806, 1974), (817, 1989), (842, 2025), (880, 2067), (911, 2100), (926, 2118), (1015, 2238), (1020, 2241), (1039, 2253), (1113, 2328), (1172, 2391), (1187, 2409), (1190, 2412), (1330, 2574), (1337, 2583), (1344, 2592), (1372, 2631),

Gene: Dirtdigger_5 Start: 1850, Stop: 3547, Start Num: 209
Candidate Starts for Dirtdigger_5:
(Start: 152 @1787 has 15 MA's), (Start: 209 @1850 has 22 MA's), (Start: 295 @1970 has 6 MA's), (Start: 309 @1991 has 15 MA's), (Start: 317 @2006 has 15 MA's), (339, 2039), (Start: 397 @2081 has 4 MA's), (399, 2084), (422, 2129), (431, 2147), (434, 2150), (444, 2153), (474, 2192), (488, 2225), (518, 2273), (520, 2276), (569, 2330), (620, 2444), (648, 2501), (650, 2504), (665, 2525), (708, 2600), (852, 2822), (865, 2837), (921, 2903), (926, 2909), (930, 2915), (960, 2975), (964, 2984), (973, 3008), (997, 3047), (1020, 3065), (1061, 3107), (1100, 3140), (1126, 3179), (1177, 3221), (1212, 3263), (1305, 3338), (1313, 3347), (1353, 3398), (1364, 3410), (1397, 3452), (1464, 3536),

Gene: Dirtfootball_2 Start: 516, Stop: 1868, Start Num: 307
Candidate Starts for Dirtfootball_2:
(Start: 145 @351 has 1 MA's), (174, 384), (Start: 208 @417 has 5 MA's), (Start: 252 @438 has 5 MA's), (Start: 307 @516 has 198 MA's), (Start: 318 @534 has 1 MA's), (402, 612), (405, 618), (418, 645), (426, 663), (444, 678), (487, 744), (506, 777), (519, 798), (538, 834), (613, 975), (637, 1008), (707, 1089), (763, 1146), (917, 1332), (922, 1338), (959, 1377), (962, 1383), (971, 1401), (1043, 1476), (1075, 1503), (1112, 1536), (1156, 1593), (1263, 1689), (1280, 1701), (1397, 1842),

Gene: DirtyBoi_2 Start: 586, Stop: 2196, Start Num: 185

Candidate Starts for DirtyBoi_2:
(Start: 185 @586 has 14 MA's), (339, 769), (388, 802), (465, 904), (487, 952), (532, 1024), (620, 1177), (648, 1219), (675, 1249), (723, 1312), (737, 1354), (745, 1363), (803, 1444), (804, 1447), (813, 1465), (855, 1510), (888, 1543), (912, 1570), (970, 1648), (1055, 1735), (1080, 1759), (1170, 1852), (1172, 1855), (1187, 1873), (1278, 1957),

Gene: DirtyBubble_3 Start: 957, Stop: 2582, Start Num: 225
Candidate Starts for DirtyBubble_3:
(Start: 225 @957 has 84 MA's), (339, 1113), (405, 1167), (431, 1221), (459, 1236), (490, 1305), (520, 1350), (569, 1404), (594, 1455), (595, 1458), (620, 1518), (628, 1536), (630, 1539), (643, 1566), (662, 1596), (774, 1758), (956, 1974), (1003, 2049), (1015, 2061), (1328, 2415), (1369, 2463),

Gene: DirtyDunning_11 Start: 6880, Stop: 8577, Start Num: 102
Candidate Starts for DirtyDunning_11:
(Start: 102 @6880 has 400 MA's), (Start: 124 @6904 has 46 MA's), (Start: 251 @7027 has 3 MA's), (350, 7117), (381, 7150), (467, 7249), (512, 7333), (513, 7336), (538, 7375), (581, 7444), (593, 7468), (620, 7534), (675, 7624), (774, 7789), (825, 7876), (848, 7909), (923, 7975), (981, 8047), (983, 8050), (999, 8074), (1064, 8125), (1080, 8140), (1113, 8179), (1129, 8200), (1193, 8296), (1405, 8533), (1435, 8563), (1438, 8566),

Gene: Discoknowium_9 Start: 6269, Stop: 8047, Start Num: 54
Candidate Starts for Discoknowium_9:
(Start: 54 @6269 has 19 MA's), (Start: 67 @6296 has 32 MA's), (Start: 115 @6365 has 1 MA's), (Start: 237 @6479 has 1 MA's), (241, 6485), (362, 6617), (424, 6692), (425, 6695), (551, 6869), (567, 6893), (620, 7001), (641, 7046), (690, 7124), (693, 7130), (696, 7133), (793, 7295), (798, 7301), (812, 7328), (825, 7349), (983, 7523), (999, 7547), (1001, 7550), (1080, 7610), (1088, 7622), (1113, 7649), (1129, 7670), (1163, 7724), (1182, 7754), (1193, 7766), (1405, 8003), (1438, 8036), (1443, 8042),

Gene: DismalFunk_4 Start: 652, Stop: 2076, Start Num: 247
Candidate Starts for DismalFunk_4:
(156, 574), (Start: 165 @586 has 76 MA's), (Start: 176 @595 has 3 MA's), (Start: 247 @652 has 171 MA's), (310, 712), (Start: 322 @733 has 1 MA's), (Start: 336 @754 has 12 MA's), (391, 838), (402, 847), (425, 895), (463, 931), (487, 982), (514, 1024), (532, 1057), (593, 1138), (607, 1177), (611, 1186), (613, 1189), (675, 1267), (679, 1276), (792, 1381), (820, 1429), (827, 1441), (851, 1471), (870, 1495), (956, 1576), (962, 1588), (992, 1630), (1042, 1660), (1071, 1687), (1111, 1729), (1129, 1744), (1160, 1795), (1187, 1819), (1235, 1867), (1348, 1990), (1425, 2065),

Gene: DismalStressor_4 Start: 652, Stop: 2076, Start Num: 247
Candidate Starts for DismalStressor_4:
(156, 574), (Start: 165 @586 has 76 MA's), (Start: 176 @595 has 3 MA's), (Start: 247 @652 has 171 MA's), (310, 712), (Start: 322 @733 has 1 MA's), (Start: 336 @754 has 12 MA's), (391, 838), (402, 847), (425, 895), (463, 931), (487, 982), (514, 1024), (532, 1057), (593, 1138), (607, 1177), (611, 1186), (613, 1189), (675, 1267), (679, 1276), (792, 1381), (820, 1429), (827, 1441), (851, 1471), (870, 1495), (956, 1576), (962, 1588), (992, 1630), (1042, 1660), (1071, 1687), (1111, 1729), (1129, 1744), (1160, 1795), (1187, 1819), (1235, 1867), (1348, 1990), (1425, 2065),

Gene: Dismas_3 Start: 938, Stop: 2563, Start Num: 220
Candidate Starts for Dismas_3:
(Start: 220 @938 has 6 MA's), (Start: 225 @944 has 84 MA's), (339, 1100), (422, 1190), (431, 1208), (459, 1223), (490, 1292), (503, 1316), (518, 1334), (569, 1391), (594, 1442), (595, 1445), (620, 1505), (630, 1526), (643, 1553), (662, 1583), (921, 1922), (1015, 2045), (1296, 2360), (1328, 2399), (1447, 2516),

Gene: Ditters_7 Start: 3194, Stop: 4939, Start Num: 306
Candidate Starts for Ditters_7:
(Start: 306 @3194 has 2 MA's), (310, 3200), (342, 3248), (367, 3293), (467, 3479), (485, 3518), (489, 3530), (502, 3560), (516, 3590), (556, 3668), (572, 3689), (599, 3758), (644, 3860), (666, 3896), (722, 3986), (750, 4046), (805, 4145), (808, 4151), (892, 4274), (950, 4346), (1071, 4487), (1116, 4547), (1120, 4556), (1123, 4559), (1156, 4610), (1223, 4697), (1273, 4763), (1290, 4787), (1299, 4799), (1315, 4817), (1363, 4880), (1370, 4889), (1372, 4892),

Gene: Dixon_9 Start: 5702, Stop: 7456, Start Num: 67
Candidate Starts for Dixon_9:
(Start: 67 @5702 has 32 MA's), (92, 5744), (Start: 128 @5783 has 7 MA's), (241, 5891), (424, 6098), (567, 6299), (620, 6407), (693, 6536), (793, 6701), (812, 6734), (926, 6854), (983, 6929), (1100, 7040), (1113, 7058), (1129, 7079), (1163, 7133), (1193, 7175), (1250, 7244), (1292, 7280), (1372, 7379), (1405, 7412), (1438, 7445), (1443, 7451),

Gene: DizzyRudy_10 Start: 3848, Stop: 5599, Start Num: 307
Candidate Starts for DizzyRudy_10:
(Start: 303 @3842 has 2 MA's), (Start: 307 @3848 has 198 MA's), (358, 3932), (363, 3941), (367, 3947), (433, 4067), (488, 4181), (491, 4190), (516, 4244), (535, 4280), (556, 4322), (570, 4340), (608, 4436), (644, 4514), (680, 4571), (750, 4706), (805, 4805), (892, 4934), (950, 5003), (956, 5015), (987, 5072), (1052, 5126), (1116, 5207), (1120, 5216), (1123, 5219), (1290, 5447), (1299, 5459),

Gene: Djungelskog_8 Start: 3618, Stop: 5366, Start Num: 307
Candidate Starts for Djungelskog_8:
(Start: 295 @3600 has 6 MA's), (Start: 307 @3618 has 198 MA's), (363, 3711), (367, 3717), (401, 3774), (433, 3837), (516, 4014), (556, 4092), (572, 4113), (611, 4215), (644, 4284), (651, 4299), (680, 4341), (750, 4470), (791, 4545), (805, 4569), (872, 4674), (892, 4698), (956, 4782), (1053, 4896), (1071, 4914), (1120, 4983), (1123, 4986), (1156, 5037), (1190, 5079), (1249, 5166), (1274, 5193), (1290, 5214), (1299, 5226), (1315, 5244), (1372, 5319),

Gene: Dmitri_2 Start: 586, Stop: 2193, Start Num: 185
Candidate Starts for Dmitri_2:
(Start: 185 @586 has 14 MA's), (339, 769), (444, 886), (465, 904), (487, 952), (532, 1024), (620, 1177), (648, 1219), (675, 1249), (723, 1312), (737, 1354), (745, 1363), (778, 1414), (804, 1447), (813, 1465), (855, 1510), (888, 1543), (912, 1570), (970, 1648), (1055, 1735), (1080, 1759), (1149, 1825), (1170, 1852), (1172, 1855), (1187, 1873), (1353, 2044),

Gene: DoRead_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for DoRead_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (492, 968), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: DobbysSock_2 Start: 318, Stop: 1877, Start Num: 151
Candidate Starts for DobbysSock_2:

(88, 258), (Start: 151 @318 has 55 MA's), (Start: 318 @504 has 1 MA's), (342, 537), (421, 621), (425, 630), (465, 666), (491, 726), (566, 816), (568, 819), (607, 912), (620, 936), (648, 978), (689, 1032), (723, 1071), (778, 1137), (808, 1179), (919, 1293), (962, 1344), (971, 1365), (1002, 1404), (1009, 1410), (1054, 1446), (1057, 1449), (1109, 1491), (1112, 1497), (1216, 1620), (1226, 1632), (1280, 1671), (1334, 1734), (1461, 1860),

Gene: DoctorDiddles_9 Start: 2462, Stop: 4132, Start Num: 394
Candidate Starts for DoctorDiddles_9:
(Start: 394 @2462 has 48 MA's), (427, 2525), (551, 2759), (598, 2861), (693, 3041), (710, 3065), (724, 3083), (732, 3095), (768, 3158), (776, 3170), (808, 3215), (815, 3230), (873, 3308), (911, 3353), (934, 3407), (935, 3413), (1000, 3527), (1104, 3671), (1124, 3707), (1218, 3860), (1232, 3872), (1279, 3929), (1307, 3965), (1346, 4016), (1372, 4052), (1374, 4055), (1438, 4121),

Gene: DoctorPepper_8 Start: 3600, Stop: 5366, Start Num: 295
Candidate Starts for DoctorPepper_8:
(Start: 295 @3600 has 6 MA's), (Start: 307 @3618 has 198 MA's), (363, 3711), (367, 3717), (401, 3774), (433, 3837), (516, 4014), (556, 4092), (572, 4113), (611, 4215), (644, 4284), (750, 4470), (791, 4545), (805, 4569), (872, 4674), (892, 4698), (956, 4782), (1053, 4896), (1071, 4914), (1120, 4983), (1123, 4986), (1156, 5037), (1190, 5079), (1249, 5166), (1274, 5193), (1290, 5214), (1299, 5226), (1315, 5244), (1372, 5319),

Gene: Doggs_2 Start: 586, Stop: 2193, Start Num: 185
Candidate Starts for Doggs_2:
(Start: 185 @586 has 14 MA's), (339, 769), (444, 886), (465, 904), (487, 952), (522, 1012), (532, 1024), (620, 1177), (648, 1219), (675, 1249), (723, 1312), (737, 1354), (745, 1363), (778, 1414), (803, 1444), (804, 1447), (813, 1465), (855, 1510), (888, 1543), (912, 1570), (970, 1648), (1055, 1735), (1080, 1759), (1170, 1852), (1172, 1855), (1187, 1873), (1278, 1957),

Gene: Dole_8 Start: 1604, Stop: 3025, Start Num: 247
Candidate Starts for Dole_8:
(Start: 165 @1532 has 76 MA's), (Start: 230 @1592 has 31 MA's), (Start: 247 @1604 has 171 MA's), (Start: 336 @1715 has 12 MA's), (342, 1721), (391, 1799), (402, 1808), (425, 1856), (444, 1874), (487, 1943), (514, 1985), (517, 1991), (532, 2018), (533, 2021), (591, 2096), (607, 2138), (611, 2147), (675, 2228), (792, 2342), (820, 2390), (827, 2402), (851, 2432), (870, 2456), (880, 2468), (893, 2483), (962, 2552), (987, 2591), (1112, 2696), (1146, 2729), (1187, 2783), (1353, 2960), (1425, 3014),

Gene: Dolores_3 Start: 820, Stop: 2379, Start Num: 151
Candidate Starts for Dolores_3:
(88, 760), (Start: 151 @820 has 55 MA's), (259, 928), (Start: 318 @1006 has 1 MA's), (342, 1039), (419, 1120), (421, 1123), (425, 1132), (465, 1168), (491, 1228), (566, 1318), (568, 1321), (607, 1414), (620, 1438), (675, 1510), (723, 1573), (778, 1639), (808, 1681), (875, 1750), (880, 1756), (919, 1795), (946, 1816), (959, 1840), (962, 1846), (971, 1867), (1009, 1912), (1054, 1948), (1057, 1951), (1109, 1993), (1216, 2122), (1280, 2173), (1390, 2302), (1461, 2362),

Gene: Donatella_5 Start: 2098, Stop: 3798, Start Num: 209
Candidate Starts for Donatella_5:
(Start: 155 @2041 has 202 MA's), (Start: 190 @2077 has 1 MA's), (Start: 209 @2098 has 22 MA's), (Start: 295 @2221 has 6 MA's), (Start: 309 @2242 has 15 MA's), (339, 2290), (399, 2335), (422, 2380), (431, 2398), (434, 2401), (474, 2443), (518, 2524), (520, 2527), (569, 2581), (620, 2695), (650, 2755), (665, 2776), (803, 3007), (852, 3073), (865, 3088), (973, 3259), (1009, 3307), (1020, 3316), (1061, 3358), (1100, 3391), (1126, 3430), (1177, 3472), (1283, 3562), (1305, 3589), (1307, 3592), (1313, 3598), (1328, 3619), (1364, 3661), (1433, 3739), (1464, 3787),

Gene: Dongwon_3 Start: 1074, Stop: 2534, Start Num: 250
Candidate Starts for Dongwon_3:
(Start: 250 @1074 has 144 MA's), (Start: 254 @1080 has 2 MA's), (358, 1242), (363, 1251), (399, 1311), (444, 1380), (465, 1401), (488, 1452), (619, 1656), (806, 1869), (817, 1884), (842, 1920), (880, 1962), (911, 1995), (926, 2013), (1015, 2133), (1020, 2136), (1039, 2148), (1113, 2223), (1172, 2286), (1187, 2304), (1190, 2307), (1330, 2469), (1337, 2478), (1344, 2487), (1372, 2526),

Gene: Donkey_2 Start: 593, Stop: 2281, Start Num: 143
Candidate Starts for Donkey_2:
(Start: 143 @593 has 16 MA's), (354, 794), (477, 938), (490, 962), (513, 1007), (573, 1094), (595, 1148), (617, 1187), (693, 1322), (759, 1424), (851, 1535), (952, 1646), (983, 1697), (1193, 1952), (1209, 1967), (1372, 2192), (1381, 2204), (1399, 2219),

Gene: DonkeyMan_2 Start: 512, Stop: 2101, Start Num: 206
Candidate Starts for DonkeyMan_2:
(Start: 206 @512 has 13 MA's), (314, 647), (Start: 317 @653 has 15 MA's), (347, 695), (402, 734), (419, 770), (463, 818), (490, 878), (518, 920), (520, 923), (532, 947), (533, 950), (569, 977), (598, 1040), (630, 1112), (645, 1142), (648, 1148), (650, 1151), (852, 1418), (865, 1433), (867, 1436), (877, 1448), (938, 1508), (964, 1553), (973, 1571), (997, 1610), (1105, 1703), (1117, 1724), (1124, 1733), (1170, 1793), (1190, 1817), (1219, 1853), (1290, 1925), (1369, 2018), (1385, 2036), (1449, 2090),

Gene: Donkeykong_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Donkeykong_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: Donovan_2 Start: 413, Stop: 2089, Start Num: 138
Candidate Starts for Donovan_2:
(Start: 138 @413 has 120 MA's), (Start: 235 @524 has 7 MA's), (Start: 318 @629 has 1 MA's), (349, 668), (380, 725), (384, 731), (396, 749), (421, 794), (422, 797), (426, 806), (431, 815), (444, 821), (445, 824), (483, 878), (490, 899), (495, 911), (558, 1001), (659, 1190), (745, 1286), (778, 1337), (902, 1478), (919, 1490), (1024, 1622), (1107, 1688), (1112, 1697), (1139, 1724), (1172, 1766), (1187, 1784), (1278, 1868), (1290, 1883), (1463, 2072),

Gene: DontArgue_10 Start: 4944, Stop: 6635, Start Num: 102
Candidate Starts for DontArgue_10:
(Start: 102 @4944 has 400 MA's), (Start: 124 @4968 has 46 MA's), (Start: 330 @5175 has 14 MA's), (362, 5211), (381, 5223), (469, 5328), (490, 5364), (513, 5409), (538, 5448), (575, 5496), (581, 5517), (593, 5541), (620, 5592), (816, 5922), (848, 5967), (983, 6108), (1080, 6198), (1088, 6210), (1113, 6237), (1129, 6258), (1193, 6354), (1405, 6591), (1435, 6621), (1438, 6624),

Gene: Doobus_3 Start: 911, Stop: 2539, Start Num: 225
Candidate Starts for Doobus_3:
(Start: 225 @911 has 84 MA's), (339, 1067), (431, 1175), (490, 1259), (518, 1301), (569, 1358), (594, 1409), (595, 1412), (620, 1472), (628, 1490), (643, 1520), (662, 1550), (1003, 2006), (1020, 2021), (1328, 2372), (1369, 2420), (1464, 2528),

Gene: Dooby_3 Start: 1074, Stop: 2534, Start Num: 250
Candidate Starts for Dooby_3:
(Start: 250 @1074 has 144 MA's), (Start: 254 @1080 has 2 MA's), (358, 1242), (363, 1251), (399, 1311), (444, 1380), (465, 1401), (488, 1452), (619, 1656), (806, 1869), (817, 1884), (842, 1920), (880, 1962), (911, 1995), (926, 2013), (1015, 2133), (1020, 2136), (1039, 2148), (1113, 2223), (1172, 2286), (1187, 2304), (1190, 2307), (1330, 2469), (1337, 2478), (1344, 2487), (1372, 2526),

Gene: Doom_11 Start: 7247, Stop: 8935, Start Num: 102
Candidate Starts for Doom_11:
(Start: 102 @7247 has 400 MA's), (381, 7511), (402, 7535), (513, 7697), (535, 7730), (581, 7805), (620, 7895), (631, 7919), (647, 7946), (679, 7994), (728, 8063), (774, 8150), (809, 8210), (1009, 8444), (1021, 8456), (1080, 8498), (1100, 8519), (1117, 8546), (1193, 8654), (1279, 8744), (1365, 8849),

Gene: Doomphist_2 Start: 571, Stop: 2208, Start Num: 155
Candidate Starts for Doomphist_2:
(Start: 155 @571 has 202 MA's), (163, 580), (Start: 176 @595 has 3 MA's), (Start: 247 @652 has 171 MA's), (Start: 250 @655 has 144 MA's), (Start: 318 @718 has 1 MA's), (353, 757), (412, 844), (454, 904), (473, 916), (484, 928), (487, 937), (488, 940), (496, 961), (508, 982), (548, 1054), (575, 1093), (602, 1162), (604, 1168), (621, 1198), (622, 1201), (627, 1210), (635, 1225), (647, 1243), (680, 1294), (736, 1387), (740, 1396), (862, 1567), (874, 1579), (983, 1663), (1005, 1693), (1007, 1696), (1010, 1699), (1080, 1756), (1097, 1771), (1101, 1777), (1104, 1780), (1113, 1795), (1117, 1804), (1164, 1873), (1190, 1903), (1196, 1912), (1225, 1945), (1250, 1978), (1265, 2005), (1297, 2038), (1325, 2068), (1349, 2089), (1365, 2113), (1372, 2122), (1374, 2125), (1429, 2182),

Gene: Dorito_2 Start: 318, Stop: 1877, Start Num: 151
Candidate Starts for Dorito_2:
(88, 258), (Start: 151 @318 has 55 MA's), (259, 426), (Start: 318 @504 has 1 MA's), (342, 537), (421, 621), (425, 630), (465, 666), (501, 744), (566, 816), (568, 819), (583, 855), (607, 912), (611, 921), (620, 936), (680, 1020), (723, 1071), (778, 1137), (808, 1179), (919, 1293), (962, 1344), (971, 1365), (1009, 1410), (1054, 1446), (1057, 1449), (1109, 1491), (1112, 1497), (1216, 1620), (1226, 1632), (1280, 1671), (1461, 1860),

Gene: Dorothea_15 Start: 7533, Stop: 9287, Start Num: 103
Candidate Starts for Dorothea_15:
(Start: 103 @7533 has 236 MA's), (298, 7764), (Start: 330 @7815 has 14 MA's), (362, 7851), (424, 7926), (513, 8049), (538, 8088), (581, 8157), (593, 8181), (594, 8184), (620, 8247), (631, 8271), (693, 8370), (696, 8373), (718, 8400), (722, 8403), (923, 8688), (992, 8775), (999, 8787), (1080, 8850), (1113, 8889), (1129, 8910), (1182, 8994), (1193, 9006), (1405, 9243), (1433, 9270), (1435, 9273),

Gene: Dorothy_2 Start: 571, Stop: 2208, Start Num: 155
Candidate Starts for Dorothy_2:
(Start: 155 @571 has 202 MA's), (163, 580), (Start: 176 @595 has 3 MA's), (Start: 247 @652 has 171 MA's), (Start: 250 @655 has 144 MA's), (Start: 318 @718 has 1 MA's), (353, 757), (412, 844), (454, 904), (473, 916), (484, 928), (487, 937), (488, 940), (496, 961), (508, 982), (548, 1054), (575, 1093), (602, 1162), (604, 1168), (621, 1198), (622, 1201), (627, 1210), (635, 1225), (647, 1243), (680, 1294), (736, 1387), (740, 1396), (862, 1567), (874, 1579), (983, 1663), (1005, 1693), (1007, 1696), (1010, 1699), (1080, 1756), (1097, 1771), (1101, 1777), (1104, 1780), (1113, 1795), (1117, 1804), (1164, 1873), (1190, 1903), (1196, 1912), (1225, 1945), (1250, 1978), (1265, 2005), (1297, 2038), (1325, 2068), (1349, 2089), (1365, 2113), (1372, 2122), (1374, 2125), (1429, 2182),

Gene: DotProduct_2 Start: 588, Stop: 2225, Start Num: 155
Candidate Starts for DotProduct_2:

(Start: 155 @588 has 202 MA's), (168, 603), (Start: 176 @612 has 3 MA's), (182, 618), (Start: 217 @645 has 1 MA's), (Start: 247 @669 has 171 MA's), (Start: 250 @672 has 144 MA's), (Start: 318 @735 has 1 MA's), (Start: 330 @753 has 14 MA's), (353, 774), (412, 861), (414, 867), (454, 921), (473, 933), (484, 945), (487, 954), (488, 957), (496, 978), (508, 999), (516, 1014), (548, 1071), (575, 1110), (602, 1179), (604, 1185), (621, 1215), (622, 1218), (627, 1227), (635, 1242), (647, 1260), (680, 1311), (740, 1413), (862, 1584), (874, 1596), (920, 1614), (983, 1680), (1005, 1710), (1007, 1713), (1010, 1716), (1080, 1773), (1097, 1788), (1101, 1794), (1104, 1797), (1113, 1812), (1117, 1821), (1164, 1890), (1190, 1920), (1196, 1929), (1225, 1962), (1250, 1995), (1265, 2022), (1297, 2055), (1320, 2082), (1325, 2085), (1349, 2106), (1365, 2130), (1372, 2139), (1374, 2142), (1429, 2199),

Gene: DoubleChamp_6 Start: 1324, Stop: 2751, Start Num: 262
Candidate Starts for DoubleChamp_6:
(Start: 262 @1324 has 67 MA's), (310, 1381), (Start: 322 @1402 has 1 MA's), (Start: 336 @1426 has 12 MA's), (391, 1510), (402, 1519), (405, 1525), (425, 1567), (444, 1585), (463, 1603), (487, 1654), (492, 1669), (532, 1729), (591, 1807), (607, 1849), (611, 1858), (613, 1861), (675, 1939), (792, 2053), (820, 2101), (851, 2143), (870, 2167), (880, 2179), (903, 2206), (956, 2251), (962, 2263), (1107, 2410), (1142, 2449), (1187, 2506), (1208, 2530), (1235, 2554), (1263, 2578), (1348, 2677), (1353, 2683), (1425, 2740),

Gene: Doucette_3 Start: 956, Stop: 2410, Start Num: 235
Candidate Starts for Doucette_3:
(Start: 235 @956 has 7 MA's), (Start: 238 @959 has 22 MA's), (Start: 322 @1058 has 1 MA's), (342, 1085), (356, 1112), (362, 1121), (391, 1163), (402, 1178), (422, 1220), (463, 1262), (490, 1322), (499, 1340), (504, 1349), (588, 1460), (611, 1517), (621, 1535), (641, 1562), (820, 1760), (822, 1763), (826, 1769), (851, 1802), (959, 1907), (1160, 2126), (1168, 2132), (1195, 2165), (1401, 2396),

Gene: Doug_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for Doug_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 204 @617 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (261, 674), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (414, 851), (454, 905), (473, 917), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (736, 1388), (740, 1397), (862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1250, 1979), (1265, 2006), (1297, 2039), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: Douge_4 Start: 771, Stop: 2333, Start Num: 138
Candidate Starts for Douge_4:
(Start: 138 @771 has 120 MA's), (Start: 142 @777 has 6 MA's), (Start: 284 @927 has 1 MA's), (Start: 333 @993 has 4 MA's), (357, 1023), (396, 1047), (407, 1062), (426, 1104), (515, 1230), (594, 1368), (602, 1389), (611, 1413), (675, 1488), (710, 1536), (776, 1614), (791, 1635), (807, 1659), (809, 1665), (827, 1695), (832, 1701), (863, 1737), (942, 1794), (962, 1827), (1050, 1932), (1060, 1941), (1104, 1965), (1116, 1986), (1172, 2052), (1278, 2154), (1394, 2274), (1400, 2280), (1420, 2301), (1448, 2325),

Gene: Douggie_3 Start: 1071, Stop: 2531, Start Num: 250
Candidate Starts for Douggie_3:
(Start: 250 @1071 has 144 MA's), (Start: 254 @1077 has 2 MA's), (358, 1239), (363, 1248), (399, 1308), (444, 1377), (465, 1398), (488, 1449), (619, 1653), (637, 1677), (755, 1788), (806, 1866), (817, 1881), (842, 1917), (880, 1959), (911, 1992), (926, 2010), (1015, 2130), (1020, 2133), (1039, 2145), (1113, 2220), (1172, 2283), (1187, 2301), (1190, 2304), (1330, 2466), (1337, 2475), (1372, 2523),

Gene: Doughnut_4 Start: 652, Stop: 2073, Start Num: 247
Candidate Starts for Doughnut_4:
(156, 574), (Start: 165 @586 has 76 MA's), (Start: 176 @595 has 3 MA's), (Start: 247 @652 has 171 MA's), (Start: 322 @733 has 1 MA's), (Start: 336 @754 has 12 MA's), (391, 838), (402, 847), (425, 895), (463, 931), (487, 982), (514, 1024), (517, 1030), (532, 1057), (607, 1177), (611, 1186), (613, 1189), (675, 1267), (679, 1276), (680, 1279), (792, 1381), (820, 1429), (827, 1441), (851, 1471), (870, 1495), (882, 1510), (962, 1588), (992, 1630), (1042, 1660), (1111, 1729), (1129, 1744), (1142, 1762), (1160, 1795), (1187, 1819), (1235, 1867), (1348, 1990), (1353, 1996), (1425, 2062),

Gene: Douzhi_4 Start: 771, Stop: 2333, Start Num: 138
Candidate Starts for Douzhi_4:
(Start: 138 @771 has 120 MA's), (Start: 142 @777 has 6 MA's), (Start: 284 @927 has 1 MA's), (Start: 333 @993 has 4 MA's), (357, 1023), (396, 1047), (407, 1062), (426, 1104), (515, 1230), (594, 1368), (602, 1389), (611, 1413), (675, 1488), (710, 1536), (776, 1614), (791, 1635), (807, 1659), (809, 1665), (827, 1695), (832, 1701), (863, 1737), (962, 1827), (1050, 1932), (1060, 1941), (1104, 1965), (1116, 1986), (1172, 2052), (1278, 2154), (1394, 2274), (1400, 2280), (1420, 2301), (1448, 2325),

Gene: Doxi13_7 Start: 2654, Stop: 4399, Start Num: 307
Candidate Starts for Doxi13_7:
(Start: 307 @2654 has 198 MA's), (310, 2660), (342, 2708), (363, 2747), (367, 2753), (516, 3050), (556, 3128), (570, 3146), (572, 3149), (599, 3218), (611, 3251), (644, 3320), (699, 3413), (750, 3506), (808, 3611), (892, 3734), (950, 3806), (1071, 3947), (1120, 4016), (1123, 4019), (1223, 4157), (1274, 4226), (1290, 4247), (1293, 4250), (1299, 4259), (1315, 4277), (1336, 4307), (1370, 4349), (1372, 4352),

Gene: DrFeelGood_10 Start: 6771, Stop: 8459, Start Num: 102
Candidate Starts for DrFeelGood_10:
(Start: 102 @6771 has 400 MA's), (381, 7035), (402, 7059), (513, 7221), (535, 7254), (581, 7329), (620, 7419), (631, 7443), (647, 7470), (679, 7518), (728, 7587), (774, 7674), (809, 7734), (1001, 7959), (1009, 7968), (1021, 7980), (1080, 8022), (1100, 8043), (1117, 8070), (1193, 8178), (1279, 8268), (1365, 8373),

Gene: DrGrey_7 Start: 2850, Stop: 4595, Start Num: 307
Candidate Starts for DrGrey_7:
(Start: 307 @2850 has 198 MA's), (342, 2904), (345, 2907), (363, 2943), (367, 2949), (488, 3183), (535, 3282), (556, 3324), (572, 3345), (589, 3387), (594, 3399), (637, 3498), (644, 3516), (666, 3552), (791, 3777), (805, 3801), (808, 3807), (892, 3930), (950, 3999), (1050, 4116), (1071, 4143), (1120, 4212), (1123, 4215), (1156, 4266), (1223, 4353), (1273, 4419), (1290, 4443), (1299, 4455), (1315, 4473), (1370, 4545), (1372, 4548),

Gene: DrHayes_8 Start: 1566, Stop: 2987, Start Num: 247
Candidate Starts for DrHayes_8:
(Start: 165 @1494 has 76 MA's), (Start: 204 @1533 has 1 MA's), (Start: 230 @1554 has 31 MA's), (Start: 247 @1566 has 171 MA's), (Start: 336 @1677 has 12 MA's), (342, 1683), (391, 1761), (402, 1770), (425, 1818), (444, 1836), (487, 1905), (514, 1947), (517, 1953), (532, 1980), (533, 1983), (568, 2007), (607, 2100), (611, 2109), (675, 2190), (686, 2208), (792, 2304), (820, 2352), (827, 2364), (851, 2394), (870, 2418), (880, 2430), (959, 2508), (962, 2514), (1112, 2658), (1146, 2691), (1187, 2745), (1353, 2922), (1425, 2976),

Gene: DrManhattan_2 Start: 534, Stop: 2240, Start Num: 128
Candidate Starts for DrManhattan_2:

(13, 240), (14, 243), (Start: 128 @534 has 7 MA's), (Start: 143 @555 has 16 MA's), (Start: 232 @621 has 1 MA's), (486, 906), (513, 963), (595, 1101), (604, 1125), (623, 1155), (645, 1200), (693, 1275), (851, 1488), (881, 1527), (1165, 1869), (1193, 1905), (1209, 1920), (1226, 1938), (1292, 2055), (1325, 2091), (1372, 2151), (1381, 2163),

Gene: DrParker_2 Start: 378, Stop: 1889, Start Num: 228
Candidate Starts for DrParker_2:
(Start: 228 @378 has 40 MA's), (248, 402), (Start: 262 @417 has 67 MA's), (274, 435), (Start: 297 @462 has 6 MA's), (314, 480), (Start: 333 @507 has 4 MA's), (334, 510), (Start: 393 @558 has 3 MA's), (Start: 400 @567 has 2 MA's), (405, 573), (424, 612), (426, 618), (465, 651), (474, 669), (485, 693), (487, 699), (506, 738), (512, 747), (513, 750), (533, 789), (535, 792), (572, 861), (591, 906), (593, 909), (602, 930), (607, 945), (611, 954), (618, 966), (653, 1026), (664, 1041), (667, 1044), (669, 1047), (674, 1053), (745, 1134), (763, 1155), (776, 1179), (809, 1227), (855, 1293), (922, 1326), (973, 1398), (1054, 1476), (1075, 1497), (1112, 1530), (1130, 1551), (1131, 1554), (1134, 1557), (1143, 1569), (1160, 1599), (1170, 1602), (1190, 1626), (1206, 1647), (1278, 1704), (1280, 1707), (1290, 1719), (1299, 1731), (1366, 1797), (1373, 1806), (1378, 1812), (1394, 1833), (1433, 1875), (1443, 1881),

Gene: DrRobert_2 Start: 426, Stop: 1991, Start Num: 165
Candidate Starts for DrRobert_2:
(Start: 165 @426 has 76 MA's), (270, 549), (310, 603), (Start: 333 @636 has 4 MA's), (334, 639), (Start: 397 @690 has 4 MA's), (419, 732), (426, 747), (431, 756), (444, 762), (463, 780), (557, 942), (620, 1077), (630, 1098), (650, 1137), (770, 1236), (790, 1266), (803, 1281), (818, 1314), (852, 1362), (861, 1371), (941, 1449), (961, 1485), (983, 1524), (1009, 1557), (1020, 1566), (1046, 1593), (1105, 1647), (1133, 1689), (1197, 1734), (1212, 1755), (1232, 1779), (1328, 1857),

Gene: DrSeegs_4 Start: 1069, Stop: 2637, Start Num: 138
Candidate Starts for DrSeegs_4:
(Start: 138 @1069 has 120 MA's), (Start: 142 @1075 has 6 MA's), (Start: 284 @1231 has 1 MA's), (512, 1528), (515, 1534), (556, 1594), (591, 1666), (594, 1672), (602, 1693), (675, 1792), (710, 1840), (762, 1894), (776, 1918), (807, 1963), (809, 1969), (827, 1999), (832, 2005), (855, 2032), (863, 2041), (942, 2098), (946, 2104), (959, 2125), (962, 2131), (1020, 2206), (1023, 2209), (1060, 2245), (1116, 2290), (1172, 2356), (1234, 2431), (1266, 2449), (1278, 2458), (1420, 2605), (1448, 2629), (1450, 2632),

Gene: DrSierra_2 Start: 548, Stop: 2254, Start Num: 124
Candidate Starts for DrSierra_2:
(Start: 124 @548 has 46 MA's), (Start: 143 @569 has 16 MA's), (214, 614), (513, 977), (546, 1025), (595, 1115), (693, 1289), (851, 1502), (881, 1541), (983, 1664), (1064, 1748), (1165, 1883), (1193, 1919), (1209, 1934), (1292, 2069), (1372, 2165), (1381, 2177),

Gene: Drake55_14 Start: 7940, Stop: 9727, Start Num: 103
Candidate Starts for Drake55_14:
(23, 7754), (50, 7856), (Start: 103 @7940 has 236 MA's), (Start: 217 @8048 has 1 MA's), (234, 8069), (298, 8177), (513, 8462), (581, 8570), (620, 8660), (631, 8684), (704, 8801), (722, 8816), (983, 9203), (1113, 9329), (1129, 9350), (1182, 9434), (1193, 9446), (1405, 9683), (1433, 9710), (1435, 9713), (1438, 9716), (1440, 9719),

Gene: Drake94_10 Start: 4774, Stop: 6465, Start Num: 102
Candidate Starts for Drake94_10:
(Start: 102 @4774 has 400 MA's), (Start: 124 @4798 has 46 MA's), (320, 4990), (362, 5041), (381, 5053), (411, 5095), (424, 5116), (490, 5194), (513, 5239), (538, 5278), (575, 5326), (581, 5347), (593, 5371), (620, 5422), (693, 5545), (782, 5692), (816, 5752), (848, 5797), (983, 5938), (1028, 5992), (1080, 6028), (1113, 6067), (1129, 6088), (1193, 6184), (1250, 6253), (1405, 6421), (1435, 6451),

(1438, 6454),

Gene: Dre3_4 Start: 1229, Stop: 2923, Start Num: 170
Candidate Starts for Dre3_4:
(Start: 170 @1229 has 103 MA's), (214, 1259), (241, 1292), (Start: 249 @1301 has 1 MA's), (362, 1439), (490, 1601), (496, 1616), (513, 1646), (525, 1667), (543, 1697), (581, 1766), (590, 1784), (595, 1796), (603, 1817), (645, 1886), (675, 1928), (780, 2105), (808, 2156), (848, 2219), (866, 2243), (921, 2276), (953, 2309), (987, 2378), (1062, 2453), (1074, 2462), (1080, 2471), (1088, 2483), (1098, 2489), (1113, 2510), (1214, 2648), (1330, 2771), (1394, 2852), (1454, 2909), (1456, 2912),

Gene: DreamCatcher_14 Start: 8201, Stop: 9889, Start Num: 110
Candidate Starts for DreamCatcher_14:
(Start: 110 @8201 has 24 MA's), (Start: 309 @8381 has 15 MA's), (381, 8465), (Start: 403 @8492 has 1 MA's), (408, 8501), (513, 8651), (535, 8684), (581, 8759), (620, 8849), (631, 8873), (679, 8948), (728, 9017), (774, 9104), (778, 9113), (809, 9164), (1009, 9398), (1021, 9410), (1080, 9452), (1100, 9473), (1117, 9500), (1193, 9608), (1279, 9698), (1365, 9803),

Gene: DreamTeam_2 Start: 426, Stop: 1991, Start Num: 165
Candidate Starts for DreamTeam_2:
(Start: 165 @426 has 76 MA's), (270, 549), (Start: 397 @690 has 4 MA's), (402, 696), (424, 741), (431, 756), (444, 762), (463, 780), (593, 1011), (595, 1017), (620, 1077), (770, 1236), (790, 1266), (803, 1281), (867, 1380), (936, 1440), (941, 1449), (983, 1524), (1009, 1557), (1020, 1566), (1046, 1593), (1105, 1647), (1133, 1689), (1212, 1755), (1328, 1857), (1451, 1977),

Gene: DreamTeam1_12 Start: 6308, Stop: 8080, Start Num: 117
Candidate Starts for DreamTeam1_12:
(Start: 103 @6296 has 236 MA's), (Start: 117 @6308 has 10 MA's), (241, 6425), (298, 6524), (414, 6674), (424, 6686), (487, 6758), (513, 6812), (538, 6851), (581, 6923), (610, 6995), (620, 7013), (631, 7037), (704, 7154), (722, 7169), (778, 7277), (823, 7352), (898, 7448), (1006, 7589), (1064, 7628), (1113, 7682), (1115, 7685), (1129, 7703), (1163, 7757), (1182, 7787), (1193, 7799), (1279, 7889), (1295, 7907), (1405, 8036), (1433, 8063), (1435, 8066),

Gene: Dreamboat_12 Start: 6899, Stop: 8587, Start Num: 102
Candidate Starts for Dreamboat_12:
(Start: 102 @6899 has 400 MA's), (Start: 309 @7079 has 15 MA's), (381, 7163), (408, 7199), (513, 7349), (581, 7457), (620, 7547), (631, 7571), (679, 7646), (728, 7715), (774, 7802), (809, 7862), (1009, 8096), (1021, 8108), (1080, 8150), (1100, 8171), (1117, 8198), (1193, 8306), (1279, 8396), (1365, 8501),

Gene: DroogsArmy_12 Start: 8069, Stop: 9763, Start Num: 102
Candidate Starts for DroogsArmy_12:
(Start: 102 @8069 has 400 MA's), (287, 8237), (Start: 330 @8288 has 14 MA's), (381, 8336), (424, 8399), (467, 8435), (487, 8468), (508, 8510), (513, 8522), (523, 8537), (538, 8561), (581, 8630), (620, 8720), (623, 8729), (722, 8876), (774, 8975), (808, 9032), (825, 9062), (981, 9233), (983, 9236), (999, 9260), (1001, 9263), (1086, 9335), (1193, 9482), (1219, 9509), (1241, 9536), (1374, 9689), (1405, 9719), (1435, 9749),

Gene: DropBear_11 Start: 6556, Stop: 8253, Start Num: 102
Candidate Starts for DropBear_11:
(Start: 102 @6556 has 400 MA's), (Start: 124 @6580 has 46 MA's), (168, 6628), (381, 6826), (424, 6889), (508, 7000), (513, 7012), (538, 7051), (550, 7063), (581, 7120), (593, 7144), (620, 7210), (623, 7219), (675, 7300), (690, 7327), (774, 7465), (825, 7552), (923, 7651), (983, 7726), (999, 7750), (1001, 7753), (1006, 7759), (1015, 7768), (1080, 7816), (1129, 7876), (1193, 7972), (1236, 8017), (1241,

8026), (1374, 8179), (1405, 8209), (1435, 8239), (1438, 8242),

Gene: Druantia_11 Start: 6885, Stop: 8582, Start Num: 102
Candidate Starts for Druantia_11:
(Start: 102 @6885 has 400 MA's), (Start: 124 @6909 has 46 MA's), (Start: 251 @7032 has 3 MA's), (350, 7122), (381, 7155), (467, 7254), (512, 7338), (513, 7341), (538, 7380), (581, 7449), (593, 7473), (620, 7539), (675, 7629), (774, 7794), (825, 7881), (848, 7914), (923, 7980), (981, 8052), (983, 8055), (999, 8079), (1064, 8130), (1080, 8145), (1113, 8184), (1129, 8205), (1193, 8301), (1405, 8538), (1435, 8568), (1438, 8571),

Gene: Dublin_8 Start: 6128, Stop: 7906, Start Num: 54
Candidate Starts for Dublin_8:
(Start: 54 @6128 has 19 MA's), (Start: 67 @6155 has 32 MA's), (Start: 115 @6224 has 1 MA's), (Start: 237 @6338 has 1 MA's), (241, 6344), (362, 6476), (424, 6551), (425, 6554), (467, 6587), (487, 6620), (551, 6728), (567, 6752), (581, 6785), (620, 6860), (641, 6905), (690, 6983), (693, 6989), (793, 7154), (812, 7187), (825, 7208), (983, 7382), (999, 7406), (1001, 7409), (1080, 7469), (1088, 7481), (1113, 7508), (1129, 7529), (1182, 7613), (1193, 7625), (1281, 7718), (1405, 7862), (1438, 7895), (1443, 7901),

Gene: Dubu_2 Start: 550, Stop: 2163, Start Num: 201
Candidate Starts for Dubu_2:
(Start: 201 @550 has 6 MA's), (Start: 223 @574 has 1 MA's), (304, 643), (Start: 324 @676 has 1 MA's), (355, 727), (364, 745), (378, 751), (425, 820), (473, 916), (484, 940), (496, 973), (513, 1003), (534, 1033), (551, 1054), (554, 1060), (575, 1087), (615, 1174), (620, 1183), (625, 1195), (636, 1216), (647, 1231), (695, 1306), (742, 1384), (839, 1492), (946, 1585), (954, 1600), (1043, 1708), (1088, 1765), (1117, 1801), (1165, 1834), (1189, 1870), (1221, 1903), (1304, 2008), (1360, 2071), (1365, 2077), (1368, 2080), (1410, 2131), (1435, 2152),

Gene: DudeLittle_12 Start: 7538, Stop: 9325, Start Num: 103
Candidate Starts for DudeLittle_12:
(Start: 103 @7538 has 236 MA's), (Start: 217 @7646 has 1 MA's), (234, 7667), (298, 7775), (424, 7937), (512, 8057), (513, 8060), (581, 8168), (620, 8258), (631, 8282), (704, 8399), (722, 8414), (916, 8714), (1088, 8900), (1113, 8927), (1129, 8948), (1193, 9044), (1405, 9281), (1433, 9308), (1435, 9311),

Gene: Duffington_17 Start: 10486, Stop: 12231, Start Num: 307
Candidate Starts for Duffington_17:
(Start: 307 @10486 has 198 MA's), (310, 10492), (363, 10579), (367, 10585), (387, 10621), (417, 10675), (420, 10681), (469, 10777), (502, 10852), (556, 10960), (572, 10981), (589, 11023), (599, 11050), (644, 11152), (680, 11209), (709, 11266), (722, 11278), (750, 11338), (805, 11437), (808, 11443), (841, 11500), (892, 11566), (1050, 11752), (1053, 11761), (1088, 11803), (1111, 11827), (1120, 11848), (1123, 11851), (1288, 12076), (1290, 12079), (1299, 12091), (1370, 12181), (1372, 12184),

Gene: Duggle_3 Start: 1074, Stop: 2534, Start Num: 250
Candidate Starts for Duggle_3:
(Start: 250 @1074 has 144 MA's), (358, 1242), (363, 1251), (399, 1311), (444, 1380), (465, 1401), (488, 1452), (619, 1656), (806, 1869), (817, 1884), (842, 1920), (880, 1962), (911, 1995), (926, 2013), (1015, 2133), (1020, 2136), (1039, 2148), (1113, 2223), (1172, 2286), (1187, 2304), (1190, 2307), (1330, 2469), (1337, 2478), (1344, 2487), (1372, 2526),

Gene: Dulcie_10 Start: 6646, Stop: 8334, Start Num: 102
Candidate Starts for Dulcie_10:

(Start: 102 @6646 has 400 MA's), (381, 6910), (402, 6934), (513, 7096), (535, 7129), (581, 7204), (620, 7294), (631, 7318), (647, 7345), (679, 7393), (690, 7411), (728, 7462), (774, 7549), (809, 7609), (1009, 7843), (1021, 7855), (1080, 7897), (1100, 7918), (1117, 7945), (1193, 8053), (1279, 8143), (1365, 8248),

Gene: Dulcita_15 Start: 4718, Stop: 6262, Start Num: 170
Candidate Starts for Dulcita_15:
(Start: 170 @4718 has 103 MA's), (215, 4766), (398, 4967), (487, 5105), (606, 5297), (776, 5507), (809, 5558), (863, 5630), (959, 5693), (970, 5717), (977, 5732), (1041, 5792), (1050, 5804), (1113, 5864), (1142, 5897), (1160, 5930), (1190, 5957), (1228, 6005), (1400, 6191), (1420, 6212),

Gene: Dumbo_8 Start: 2277, Stop: 3947, Start Num: 394
Candidate Starts for Dumbo_8:
(Start: 394 @2277 has 48 MA's), (427, 2340), (551, 2574), (598, 2676), (693, 2856), (710, 2880), (724, 2898), (732, 2910), (768, 2973), (776, 2985), (808, 3030), (815, 3045), (873, 3123), (911, 3168), (934, 3222), (935, 3228), (1000, 3342), (1104, 3486), (1124, 3522), (1218, 3675), (1232, 3687), (1279, 3744), (1307, 3780), (1346, 3831), (1372, 3867), (1374, 3870), (1438, 3936),

Gene: DumpsterDude_2 Start: 434, Stop: 1993, Start Num: 201
Candidate Starts for DumpsterDude_2:
(61, 278), (77, 302), (Start: 96 @335 has 1 MA's), (Start: 121 @365 has 5 MA's), (Start: 201 @434 has 6 MA's), (263, 500), (Start: 318 @569 has 1 MA's), (349, 608), (431, 707), (480, 758), (487, 779), (488, 782), (515, 824), (565, 878), (611, 986), (672, 1070), (675, 1073), (723, 1136), (733, 1166), (743, 1184), (745, 1187), (900, 1376), (954, 1430), (959, 1439), (1002, 1502), (1060, 1550), (1071, 1559), (1078, 1568), (1111, 1595), (1112, 1598), (1139, 1625), (1187, 1685), (1203, 1706), (1317, 1811), (1341, 1844), (1398, 1913), (1462, 1973),

Gene: DuncansLeg_5 Start: 1193, Stop: 2758, Start Num: 138
Candidate Starts for DuncansLeg_5:
(62, 1085), (66, 1091), (97, 1142), (Start: 105 @1151 has 85 MA's), (Start: 138 @1193 has 120 MA's), (Start: 142 @1199 has 6 MA's), (293, 1370), (Start: 318 @1403 has 1 MA's), (396, 1475), (402, 1481), (405, 1487), (506, 1643), (512, 1652), (513, 1655), (515, 1658), (566, 1733), (591, 1787), (593, 1790), (594, 1793), (766, 2024), (813, 2099), (827, 2120), (832, 2126), (855, 2153), (900, 2195), (942, 2219), (954, 2237), (959, 2246), (962, 2252), (1060, 2366), (1113, 2405), (1116, 2411), (1172, 2477), (1216, 2531), (1226, 2543), (1263, 2567), (1278, 2579), (1329, 2618), (1400, 2705), (1448, 2750), (1450, 2753),

Gene: Duplicity_2 Start: 504, Stop: 2036, Start Num: 230
Candidate Starts for Duplicity_2:
(Start: 227 @501 has 25 MA's), (Start: 230 @504 has 31 MA's), (246, 516), (Start: 249 @519 has 1 MA's), (292, 576), (Start: 307 @594 has 198 MA's), (316, 606), (390, 678), (Start: 403 @696 has 1 MA's), (412, 714), (422, 735), (474, 798), (490, 837), (507, 870), (539, 918), (583, 1002), (593, 1017), (613, 1068), (618, 1077), (637, 1101), (659, 1140), (661, 1143), (677, 1155), (747, 1281), (766, 1305), (808, 1368), (878, 1452), (950, 1524), (962, 1548), (981, 1590), (987, 1599), (1043, 1656), (1080, 1695), (1136, 1752), (1146, 1758), (1152, 1761), (1187, 1782), (1226, 1830), (1278, 1866), (1349, 1947), (1353, 1953),

Gene: Duplo_15 Start: 7416, Stop: 9203, Start Num: 103
Candidate Starts for Duplo_15:
(33, 7257), (36, 7284), (Start: 103 @7416 has 236 MA's), (Start: 217 @7524 has 1 MA's), (234, 7545), (278, 7611), (298, 7653), (362, 7740), (512, 7935), (513, 7938), (581, 8046), (620, 8136), (631, 8160), (693, 8259), (718, 8289), (722, 8292), (780, 8403), (916, 8592), (1064, 8751), (1080, 8766), (1088, 8778), (1113, 8805), (1129, 8826), (1182, 8910), (1193, 8922), (1279, 9012), (1405, 9159), (1433,

9186), (1435, 9189),

Gene: Durfee_8 Start: 1637, Stop: 3058, Start Num: 247
Candidate Starts for Durfee_8:
(Start: 165 @1565 has 76 MA's), (Start: 230 @1625 has 31 MA's), (Start: 247 @1637 has 171 MA's), (Start: 336 @1748 has 12 MA's), (342, 1754), (391, 1832), (402, 1841), (425, 1889), (444, 1907), (487, 1976), (514, 2018), (517, 2024), (532, 2051), (533, 2054), (607, 2171), (611, 2180), (675, 2261), (792, 2375), (820, 2423), (827, 2435), (851, 2465), (870, 2489), (880, 2501), (959, 2579), (962, 2585), (1112, 2729), (1146, 2762), (1187, 2816), (1353, 2993), (1425, 3047),

Gene: Dussy_12 Start: 7007, Stop: 8695, Start Num: 102
Candidate Starts for Dussy_12:
(Start: 102 @7007 has 400 MA's), (Start: 309 @7187 has 15 MA's), (381, 7271), (408, 7307), (424, 7334), (513, 7457), (581, 7565), (620, 7655), (631, 7679), (647, 7706), (679, 7754), (728, 7823), (774, 7910), (809, 7970), (1001, 8195), (1009, 8204), (1021, 8216), (1080, 8258), (1100, 8279), (1117, 8306), (1193, 8414), (1279, 8504), (1365, 8609),

Gene: Dusty_29 Start: 8433, Stop: 10181, Start Num: 148
Candidate Starts for Dusty_29:
(Start: 148 @8433 has 26 MA's), (Start: 176 @8463 has 3 MA's), (323, 8589), (325, 8592), (417, 8706), (457, 8778), (473, 8817), (488, 8841), (512, 8889), (529, 8916), (645, 9138), (654, 9156), (756, 9318), (787, 9366), (797, 9381), (963, 9564), (966, 9570), (1026, 9654), (1086, 9741), (1115, 9774), (1198, 9888), (1229, 9924), (1250, 9948), (1258, 9963), (1412, 10137), (1418, 10143),

Gene: DustyMartin_14 Start: 6755, Stop: 8446, Start Num: 102
Candidate Starts for DustyMartin_14:
(Start: 102 @6755 has 400 MA's), (Start: 124 @6779 has 46 MA's), (Start: 251 @6902 has 3 MA's), (Start: 318 @6968 has 1 MA's), (362, 7022), (381, 7034), (412, 7079), (467, 7133), (485, 7160), (490, 7175), (513, 7220), (538, 7259), (575, 7307), (581, 7328), (593, 7352), (620, 7403), (693, 7526), (782, 7673), (816, 7733), (848, 7778), (923, 7844), (983, 7919), (999, 7943), (1080, 8009), (1129, 8069), (1193, 8165), (1241, 8219), (1405, 8402), (1435, 8432), (1438, 8435),

Gene: Dwayne_6 Start: 2377, Stop: 4023, Start Num: 95
Candidate Starts for Dwayne_6:
(Start: 95 @2377 has 98 MA's), (Start: 113 @2395 has 11 MA's), (Start: 251 @2527 has 3 MA's), (Start: 330 @2599 has 14 MA's), (362, 2635), (504, 2815), (515, 2836), (548, 2881), (575, 2923), (603, 2995), (620, 3019), (680, 3118), (690, 3133), (704, 3157), (712, 3163), (838, 3331), (983, 3481), (997, 3502), (1064, 3565), (1088, 3592), (1165, 3700), (1193, 3739), (1214, 3760), (1219, 3766), (1236, 3784), (1325, 3880), (1372, 3940), (1445, 4018),

Gene: Dylan_30 Start: 13252, Stop: 14766, Start Num: 181
Candidate Starts for Dylan_30:
(Start: 181 @13252 has 17 MA's), (Start: 184 @13255 has 14 MA's), (Start: 322 @13435 has 1 MA's), (381, 13528), (424, 13603), (451, 13636), (474, 13663), (487, 13693), (591, 13846), (594, 13852), (607, 13888), (611, 13897), (675, 13978), (679, 13987), (680, 13990), (788, 14086), (809, 14122), (810, 14125), (957, 14281), (962, 14290), (1025, 14359), (1042, 14368), (1046, 14374), (1080, 14407), (1112, 14443), (1187, 14530), (1203, 14551), (1277, 14614), (1283, 14617), (1286, 14620), (1299, 14638), (1317, 14659), (1353, 14701), (1380, 14734), (1386, 14737), (1415, 14749),

Gene: Dynamite_8 Start: 3847, Stop: 5601, Start Num: 307
Candidate Starts for Dynamite_8:
(279, 3793), (Start: 303 @3841 has 2 MA's), (Start: 307 @3847 has 198 MA's), (363, 3940), (367, 3946), (469, 4138), (502, 4213), (516, 4243), (532, 4273), (556, 4321), (570, 4339), (572, 4342), (589,

4384), (644, 4513), (750, 4699), (805, 4798), (847, 4870), (892, 4927), (950, 5005), (956, 5017), (1053, 5131), (1071, 5149), (1109, 5194), (1120, 5218), (1123, 5221), (1150, 5260), (1249, 5401), (1288, 5446), (1290, 5449), (1299, 5461), (1336, 5509), (1363, 5542), (1370, 5551), (1372, 5554),

Gene: Dynamix_12 Start: 7056, Stop: 8744, Start Num: 102
Candidate Starts for Dynamix_12:
(Start: 102 @7056 has 400 MA's), (Start: 309 @7236 has 15 MA's), (381, 7320), (408, 7356), (424, 7383), (513, 7506), (581, 7614), (620, 7704), (631, 7728), (647, 7755), (679, 7803), (774, 7959), (808, 8016), (809, 8019), (1009, 8253), (1021, 8265), (1080, 8307), (1100, 8328), (1117, 8355), (1193, 8463), (1279, 8553), (1365, 8658),

Gene: Dynamo_2 Start: 413, Stop: 2089, Start Num: 138
Candidate Starts for Dynamo_2:
(Start: 138 @413 has 120 MA's), (Start: 318 @629 has 1 MA's), (349, 668), (380, 725), (384, 731), (396, 749), (421, 794), (426, 806), (431, 815), (444, 821), (483, 878), (490, 899), (495, 911), (558, 1001), (659, 1190), (745, 1286), (766, 1316), (778, 1337), (919, 1490), (1107, 1688), (1112, 1697), (1139, 1724), (1172, 1766), (1187, 1784), (1278, 1868), (1290, 1883), (1463, 2072),

Gene: DyoEdafos_5 Start: 958, Stop: 2520, Start Num: 138
Candidate Starts for DyoEdafos_5:
(Start: 138 @958 has 120 MA's), (Start: 142 @964 has 6 MA's), (Start: 284 @1114 has 1 MA's), (Start: 333 @1180 has 4 MA's), (357, 1210), (396, 1234), (405, 1246), (407, 1249), (426, 1291), (515, 1417), (611, 1600), (675, 1675), (776, 1801), (791, 1822), (807, 1846), (809, 1852), (827, 1882), (832, 1888), (863, 1924), (900, 1957), (942, 1981), (962, 2014), (1009, 2080), (1060, 2128), (1071, 2137), (1104, 2152), (1116, 2173), (1172, 2239), (1278, 2341), (1394, 2461), (1400, 2467), (1420, 2488), (1448, 2512),

Gene: E1_3 Start: 1202, Stop: 2782, Start Num: 225
Candidate Starts for E1_3:
(Start: 218 @1193 has 8 MA's), (Start: 220 @1196 has 6 MA's), (Start: 225 @1202 has 84 MA's), (Start: 247 @1229 has 171 MA's), (270, 1262), (Start: 295 @1292 has 6 MA's), (Start: 307 @1310 has 198 MA's), (Start: 309 @1313 has 15 MA's), (Start: 317 @1328 has 15 MA's), (Start: 333 @1349 has 4 MA's), (334, 1352), (415, 1439), (422, 1451), (431, 1469), (455, 1499), (456, 1502), (487, 1574), (489, 1580), (513, 1616), (516, 1622), (534, 1655), (574, 1712), (593, 1754), (595, 1760), (630, 1841), (648, 1877), (650, 1880), (670, 1907), (677, 1916), (697, 1952), (810, 2096), (843, 2126), (865, 2153), (877, 2168), (888, 2180), (928, 2222), (956, 2264), (962, 2273), (973, 2297), (1009, 2345), (1015, 2351), (1040, 2372), (1042, 2375), (1100, 2429), (1118, 2459), (1176, 2498), (1197, 2522), (1221, 2555), (1265, 2573), (1290, 2600), (1296, 2606), (1305, 2618), (1343, 2666), (1369, 2696), (1439, 2771),

Gene: E6_3 Start: 957, Stop: 2411, Start Num: 235
Candidate Starts for E6_3:
(Start: 235 @957 has 7 MA's), (Start: 238 @960 has 22 MA's), (Start: 322 @1059 has 1 MA's), (342, 1086), (356, 1113), (362, 1122), (391, 1164), (402, 1179), (422, 1221), (463, 1263), (490, 1323), (504, 1350), (588, 1461), (611, 1518), (621, 1536), (641, 1563), (820, 1761), (822, 1764), (826, 1770), (851, 1803), (987, 1953), (1083, 2037), (1088, 2040), (1095, 2046), (1160, 2127), (1171, 2139), (1195, 2166), (1401, 2397),

Gene: ECartman_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for ECartman_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529),

(1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: EGUnicorn_2 Start: 501, Stop: 2036, Start Num: 227
Candidate Starts for EGUnicorn_2:
(Start: 227 @501 has 25 MA's), (Start: 230 @504 has 31 MA's), (246, 516), (Start: 249 @519 has 1 MA's), (292, 576), (Start: 307 @594 has 198 MA's), (316, 606), (390, 678), (Start: 403 @696 has 1 MA's), (412, 714), (422, 735), (474, 798), (490, 837), (507, 870), (539, 918), (583, 1002), (593, 1017), (613, 1068), (618, 1077), (637, 1101), (659, 1140), (661, 1143), (677, 1155), (747, 1281), (766, 1305), (808, 1368), (878, 1452), (950, 1524), (962, 1548), (981, 1590), (987, 1599), (1043, 1656), (1080, 1695), (1136, 1752), (1146, 1758), (1152, 1761), (1187, 1782), (1226, 1830), (1278, 1866), (1349, 1947), (1353, 1953),

Gene: ELB20_05 Start: 2194, Stop: 3855, Start Num: 95
Candidate Starts for ELB20_05:
(Start: 95 @2194 has 98 MA's), (320, 2416), (407, 2512), (485, 2605), (490, 2620), (504, 2647), (515, 2668), (575, 2755), (620, 2851), (636, 2884), (675, 2938), (693, 2971), (712, 2995), (751, 3064), (813, 3127), (816, 3133), (838, 3163), (928, 3247), (981, 3310), (983, 3313), (992, 3325), (997, 3334), (1004, 3343), (1064, 3397), (1088, 3424), (1193, 3571), (1214, 3592), (1236, 3616), (1292, 3676), (1372, 3772), (1445, 3850),

Gene: ELee24_3 Start: 1134, Stop: 2594, Start Num: 250
Candidate Starts for ELee24_3:
(Start: 250 @1134 has 144 MA's), (Start: 254 @1140 has 2 MA's), (399, 1371), (444, 1440), (465, 1461), (488, 1512), (619, 1716), (755, 1851), (806, 1929), (817, 1944), (829, 1962), (842, 1980), (880, 2022), (911, 2055), (926, 2073), (1015, 2193), (1020, 2196), (1039, 2208), (1047, 2220), (1113, 2283), (1160, 2340), (1172, 2346), (1187, 2364), (1190, 2367), (1330, 2529), (1337, 2538), (1344, 2547), (1372, 2586),

Gene: EMsquaredA_2 Start: 485, Stop: 2284, Start Num: 87
Candidate Starts for EMsquaredA_2:
(Start: 87 @485 has 22 MA's), (Start: 207 @623 has 6 MA's), (229, 650), (354, 782), (362, 797), (430, 881), (469, 911), (477, 923), (485, 932), (502, 971), (513, 992), (552, 1052), (573, 1076), (602, 1148), (623, 1184), (642, 1220), (696, 1310), (711, 1331), (732, 1376), (735, 1382), (746, 1400), (759, 1415), (927, 1589), (956, 1616), (1001, 1685), (1006, 1691), (1080, 1757), (1088, 1769), (1102, 1796), (1165, 1907), (1182, 1943), (1193, 1955), (1197, 1961), (1211, 1979), (1234, 2006), (1249, 2030), (1287, 2093), (1325, 2135), (1370, 2192), (1381, 2207), (1399, 2222), (1445, 2270), (1448, 2273),

Gene: EZMoney23_16 Start: 9406, Stop: 11193, Start Num: 103
Candidate Starts for EZMoney23_16:
(Start: 103 @9406 has 236 MA's), (Start: 217 @9514 has 1 MA's), (234, 9535), (298, 9643), (Start: 330 @9694 has 14 MA's), (362, 9730), (411, 9784), (512, 9925), (513, 9928), (538, 9967), (581, 10036), (620, 10126), (631, 10150), (722, 10282), (983, 10669), (1088, 10768), (1113, 10795), (1129, 10816), (1182, 10900), (1193, 10912), (1405, 11149), (1433, 11176), (1435, 11179), (1438, 11182), (1440, 11185),

Gene: Eagle_10 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Eagle_10:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: EagleEye_14 Start: 7590, Stop: 9344, Start Num: 103
Candidate Starts for EagleEye_14:
(Start: 103 @7590 has 236 MA's), (241, 7722), (298, 7821), (362, 7908), (424, 7983), (487, 8052), (512, 8103), (513, 8106), (581, 8214), (620, 8304), (631, 8328), (718, 8457), (722, 8460), (735, 8496), (916, 8736), (923, 8745), (983, 8820), (1064, 8892), (1080, 8907), (1113, 8946), (1129, 8967), (1182, 9051), (1193, 9063), (1292, 9168), (1365, 9258), (1372, 9267), (1405, 9300), (1433, 9327), (1435, 9330), (1438, 9333), (1440, 9336),

Gene: Eaglepride_12 Start: 6703, Stop: 8379, Start Num: 102
Candidate Starts for Eaglepride_12:
(Start: 102 @6703 has 400 MA's), (Start: 251 @6835 has 3 MA's), (Start: 330 @6919 has 14 MA's), (362, 6955), (381, 6967), (485, 7093), (513, 7153), (538, 7192), (575, 7240), (581, 7261), (593, 7285), (620, 7336), (693, 7459), (735, 7528), (816, 7666), (848, 7711), (923, 7777), (983, 7852), (999, 7876), (1080, 7942), (1088, 7954), (1113, 7981), (1129, 8002), (1193, 8098), (1250, 8167), (1402, 8332), (1405, 8335), (1435, 8365), (1438, 8368),

Gene: Eapen_11 Start: 6886, Stop: 8583, Start Num: 102
Candidate Starts for Eapen_11:
(Start: 102 @6886 has 400 MA's), (Start: 124 @6910 has 46 MA's), (Start: 251 @7033 has 3 MA's), (350, 7123), (381, 7156), (467, 7255), (512, 7339), (513, 7342), (538, 7381), (581, 7450), (593, 7474), (620, 7540), (675, 7630), (774, 7795), (825, 7882), (848, 7915), (923, 7981), (981, 8053), (983, 8056), (999, 8080), (1064, 8131), (1080, 8146), (1113, 8185), (1129, 8206), (1193, 8302), (1405, 8539), (1435, 8569), (1438, 8572),

Gene: Easley_3 Start: 820, Stop: 2379, Start Num: 151
Candidate Starts for Easley_3:
(Start: 151 @820 has 55 MA's), (259, 928), (Start: 318 @1006 has 1 MA's), (342, 1039), (419, 1120), (421, 1123), (425, 1132), (465, 1168), (491, 1228), (566, 1318), (568, 1321), (607, 1414), (611, 1423), (620, 1438), (680, 1522), (723, 1573), (778, 1639), (808, 1681), (875, 1750), (880, 1756), (919, 1795), (946, 1816), (959, 1840), (962, 1846), (971, 1867), (1009, 1912), (1054, 1948), (1057, 1951), (1109, 1993), (1216, 2122), (1280, 2173), (1390, 2302), (1461, 2362),

Gene: Ebert_2 Start: 318, Stop: 1889, Start Num: 151
Candidate Starts for Ebert_2:
(Start: 151 @318 has 55 MA's), (259, 426), (Start: 297 @474 has 6 MA's), (Start: 318 @504 has 1 MA's), (342, 537), (421, 621), (425, 630), (465, 666), (491, 726), (566, 816), (607, 912), (620, 936), (648, 978), (689, 1032), (723, 1071), (778, 1137), (789, 1149), (808, 1179), (840, 1212), (919, 1293), (959, 1338), (962, 1344), (971, 1365), (1054, 1455), (1109, 1500), (1112, 1506), (1142, 1536), (1146, 1539), (1187, 1593), (1216, 1629), (1280, 1680), (1331, 1740), (1334, 1743), (1371, 1785), (1461, 1872),

Gene: Ebony_12 Start: 8082, Stop: 9845, Start Num: 103
Candidate Starts for Ebony_12:
(Start: 103 @8082 has 236 MA's), (Start: 121 @8103 has 5 MA's), (Start: 217 @8190 has 1 MA's), (298, 8319), (314, 8343), (362, 8406), (487, 8550), (512, 8601), (513, 8604), (581, 8715), (593, 8739), (594, 8742), (620, 8805), (623, 8814), (631, 8829), (704, 8946), (722, 8961), (751, 9021), (803, 9105), (992, 9333), (999, 9345), (1064, 9393), (1080, 9408), (1113, 9447), (1129, 9468), (1155, 9507), (1182, 9552), (1193, 9564), (1405, 9801), (1433, 9828),

Gene: Echild_12 Start: 7541, Stop: 9328, Start Num: 103
Candidate Starts for Echild_12:

(27, 7367), (Start: 103 @7541 has 236 MA's), (Start: 217 @7649 has 1 MA's), (234, 7670), (298, 7778), (362, 7865), (512, 8060), (513, 8063), (581, 8171), (620, 8261), (631, 8285), (704, 8402), (722, 8417), (916, 8717), (1088, 8903), (1113, 8930), (1129, 8951), (1193, 9047), (1405, 9284), (1433, 9311), (1435, 9314),

Gene: EdElric_3 Start: 1074, Stop: 2534, Start Num: 250
Candidate Starts for EdElric_3:
(Start: 250 @1074 has 144 MA's), (Start: 254 @1080 has 2 MA's), (358, 1242), (363, 1251), (399, 1311), (444, 1380), (465, 1401), (488, 1452), (619, 1656), (806, 1869), (817, 1884), (842, 1920), (880, 1962), (911, 1995), (926, 2013), (1015, 2133), (1020, 2136), (1039, 2148), (1113, 2223), (1172, 2286), (1187, 2304), (1190, 2307), (1330, 2469), (1337, 2478), (1344, 2487), (1372, 2526),

Gene: Eddasa_7 Start: 2562, Stop: 4208, Start Num: 95
Candidate Starts for Eddasa_7:
(Start: 95 @2562 has 98 MA's), (Start: 113 @2580 has 11 MA's), (Start: 330 @2784 has 14 MA's), (407, 2865), (504, 3000), (515, 3021), (548, 3066), (575, 3108), (603, 3180), (620, 3204), (675, 3291), (680, 3303), (722, 3357), (803, 3456), (838, 3516), (992, 3678), (997, 3687), (1088, 3777), (1116, 3810), (1164, 3882), (1165, 3885), (1193, 3924), (1214, 3945), (1219, 3951), (1236, 3969), (1325, 4065), (1372, 4125),

Gene: Eddiemania_16 Start: 9670, Stop: 11415, Start Num: 307
Candidate Starts for Eddiemania_16:
(Start: 307 @9670 has 198 MA's), (310, 9676), (363, 9763), (367, 9769), (387, 9805), (417, 9859), (433, 9889), (556, 10144), (570, 10162), (572, 10165), (599, 10234), (615, 10273), (644, 10336), (680, 10393), (728, 10474), (750, 10522), (805, 10621), (808, 10627), (837, 10678), (841, 10684), (872, 10726), (892, 10750), (1053, 10945), (1088, 10987), (1111, 11011), (1120, 11032), (1123, 11035), (1190, 11128), (1249, 11215), (1288, 11260), (1290, 11263), (1299, 11275), (1370, 11365), (1372, 11368),

Gene: Eden_2 Start: 659, Stop: 2224, Start Num: 225
Candidate Starts for Eden_2:
(Start: 225 @659 has 84 MA's), (Start: 247 @686 has 171 MA's), (339, 815), (431, 923), (444, 929), (459, 938), (490, 1007), (518, 1049), (569, 1106), (594, 1157), (620, 1220), (827, 1535), (973, 1709), (981, 1721), (1328, 2081), (1387, 2153), (1457, 2216),

Gene: Edison31_11 Start: 6714, Stop: 8405, Start Num: 102
Candidate Starts for Edison31_11:
(Start: 102 @6714 has 400 MA's), (Start: 124 @6738 has 46 MA's), (Start: 251 @6861 has 3 MA's), (362, 6981), (381, 6993), (412, 7038), (467, 7092), (485, 7119), (490, 7134), (513, 7179), (538, 7218), (575, 7266), (581, 7287), (593, 7311), (620, 7362), (693, 7485), (774, 7617), (816, 7692), (848, 7737), (923, 7803), (983, 7878), (999, 7902), (1080, 7968), (1113, 8007), (1115, 8010), (1129, 8028), (1193, 8124), (1250, 8193), (1405, 8361), (1435, 8391), (1438, 8394),

Gene: EdnaMode_2 Start: 318, Stop: 1889, Start Num: 151
Candidate Starts for EdnaMode_2:
(Start: 151 @318 has 55 MA's), (Start: 318 @504 has 1 MA's), (342, 537), (421, 621), (425, 630), (465, 666), (491, 726), (566, 816), (568, 819), (607, 912), (620, 936), (648, 978), (689, 1032), (723, 1071), (778, 1137), (789, 1149), (808, 1179), (840, 1212), (919, 1293), (959, 1338), (962, 1344), (971, 1365), (1054, 1455), (1109, 1500), (1112, 1506), (1142, 1536), (1146, 1539), (1187, 1593), (1216, 1629), (1280, 1680), (1331, 1740), (1334, 1743), (1371, 1785), (1461, 1872),

Gene: EdogawaKiddo_11 Start: 8124, Stop: 9896, Start Num: 117
Candidate Starts for EdogawaKiddo_11:

(Start: 103 @8109 has 236 MA's), (Start: 117 @8124 has 10 MA's), (Start: 121 @8130 has 5 MA's), (241, 8241), (298, 8340), (424, 8502), (487, 8574), (513, 8628), (538, 8667), (581, 8739), (620, 8829), (631, 8853), (704, 8970), (722, 8985), (778, 9093), (823, 9168), (848, 9204), (898, 9264), (992, 9384), (1006, 9405), (1064, 9444), (1113, 9498), (1115, 9501), (1129, 9519), (1163, 9573), (1182, 9603), (1193, 9615), (1279, 9705), (1295, 9723), (1405, 9852), (1433, 9879), (1435, 9882),

Gene: Edtherson_12 Start: 7504, Stop: 9192, Start Num: 102
Candidate Starts for Edtherson_12:
(Start: 102 @7504 has 400 MA's), (Start: 309 @7684 has 15 MA's), (381, 7768), (408, 7804), (424, 7831), (513, 7954), (535, 7987), (581, 8062), (620, 8152), (631, 8176), (647, 8203), (679, 8251), (767, 8395), (774, 8407), (809, 8467), (1009, 8701), (1021, 8713), (1080, 8755), (1100, 8776), (1117, 8803), (1193, 8911), (1279, 9001), (1365, 9106),

Gene: Edugator_5 Start: 1349, Stop: 2776, Start Num: 262
Candidate Starts for Edugator_5:
(Start: 262 @1349 has 67 MA's), (310, 1406), (Start: 322 @1427 has 1 MA's), (Start: 336 @1451 has 12 MA's), (391, 1535), (402, 1544), (405, 1550), (424, 1589), (425, 1592), (444, 1610), (463, 1628), (487, 1679), (505, 1718), (532, 1754), (568, 1781), (591, 1832), (607, 1874), (611, 1883), (613, 1886), (675, 1964), (792, 2078), (820, 2126), (827, 2138), (851, 2168), (880, 2204), (903, 2231), (962, 2288), (1042, 2372), (1064, 2396), (1142, 2474), (1150, 2486), (1187, 2531), (1208, 2555), (1235, 2579), (1353, 2708), (1425, 2765),

Gene: Eesa_3 Start: 958, Stop: 2538, Start Num: 238
Candidate Starts for Eesa_3:
(Start: 171 @892 has 16 MA's), (Start: 238 @958 has 22 MA's), (Start: 309 @1054 has 15 MA's), (314, 1063), (374, 1117), (Start: 397 @1144 has 4 MA's), (405, 1156), (424, 1195), (431, 1210), (463, 1234), (474, 1255), (620, 1507), (650, 1567), (665, 1588), (700, 1648), (720, 1678), (731, 1687), (774, 1750), (961, 1978), (983, 2017), (1003, 2044), (1020, 2059), (1048, 2089), (1096, 2128), (1151, 2206), (1176, 2236), (1189, 2251), (1200, 2263), (1305, 2377), (1364, 2446), (1369, 2452), (1378, 2464), (1385, 2473), (1394, 2485), (1397, 2488), (1449, 2527),

Gene: Eevee_12 Start: 8663, Stop: 10423, Start Num: 307
Candidate Starts for Eevee_12:
(Start: 303 @8657 has 2 MA's), (Start: 305 @8660 has 33 MA's), (Start: 307 @8663 has 198 MA's), (Start: 318 @8684 has 1 MA's), (342, 8717), (354, 8738), (363, 8756), (367, 8762), (396, 8813), (401, 8819), (496, 9017), (505, 9035), (516, 9059), (533, 9092), (556, 9137), (572, 9158), (644, 9329), (666, 9365), (727, 9461), (728, 9467), (750, 9515), (805, 9614), (823, 9650), (841, 9677), (847, 9686), (892, 9743), (950, 9827), (956, 9839), (1053, 9953), (1120, 10040), (1123, 10043), (1223, 10181), (1273, 10247), (1274, 10250), (1290, 10271), (1299, 10283), (1363, 10364), (1372, 10376),

Gene: Efeko_4 Start: 928, Stop: 2388, Start Num: 250
Candidate Starts for Efeko_4:
(Start: 250 @928 has 144 MA's), (329, 1048), (356, 1096), (Start: 397 @1165 has 4 MA's), (444, 1237), (465, 1258), (468, 1264), (488, 1309), (595, 1459), (614, 1504), (637, 1537), (806, 1726), (835, 1768), (842, 1777), (911, 1852), (923, 1867), (926, 1870), (983, 1951), (1039, 2005), (1076, 2041), (1080, 2047), (1160, 2134), (1190, 2161), (1213, 2191), (1330, 2323), (1344, 2341), (1372, 2380),

Gene: Efra2_8 Start: 1571, Stop: 2995, Start Num: 247
Candidate Starts for Efra2_8:
(Start: 165 @1499 has 76 MA's), (Start: 230 @1559 has 31 MA's), (Start: 247 @1571 has 171 MA's), (Start: 322 @1658 has 1 MA's), (Start: 336 @1682 has 12 MA's), (342, 1688), (363, 1727), (391, 1766), (402, 1775), (405, 1781), (425, 1823), (444, 1841), (463, 1859), (487, 1910), (505, 1949), (532, 1985), (533, 1988), (607, 2105), (611, 2114), (742, 2243), (792, 2309), (820, 2357), (827, 2369), (851,

2399), (870, 2423), (875, 2429), (893, 2450), (962, 2519), (1042, 2591), (1111, 2660), (1112, 2663), (1146, 2696), (1187, 2750), (1208, 2774), (1283, 2837), (1353, 2927), (1425, 2984), (1431, 2990),

Gene: Egad_8 Start: 3619, Stop: 5367, Start Num: 307
Candidate Starts for Egad_8:
(Start: 295 @3601 has 6 MA's), (Start: 307 @3619 has 198 MA's), (363, 3712), (367, 3718), (401, 3775), (433, 3838), (516, 4015), (556, 4093), (572, 4114), (611, 4216), (644, 4285), (651, 4300), (680, 4342), (750, 4471), (791, 4546), (805, 4570), (872, 4675), (892, 4699), (956, 4783), (1053, 4897), (1071, 4915), (1120, 4984), (1123, 4987), (1156, 5038), (1190, 5080), (1249, 5167), (1274, 5194), (1290, 5215), (1299, 5227), (1315, 5245), (1372, 5320),

Gene: Eidsmoe_13 Start: 8139, Stop: 9926, Start Num: 103
Candidate Starts for Eidsmoe_13:
(Start: 103 @8139 has 236 MA's), (Start: 117 @8154 has 10 MA's), (Start: 121 @8160 has 5 MA's), (241, 8271), (298, 8370), (424, 8532), (487, 8604), (513, 8658), (538, 8697), (581, 8769), (620, 8859), (631, 8883), (704, 9000), (722, 9015), (778, 9123), (823, 9198), (848, 9234), (898, 9294), (992, 9414), (1006, 9435), (1064, 9474), (1113, 9528), (1115, 9531), (1129, 9549), (1163, 9603), (1182, 9633), (1193, 9645), (1279, 9735), (1295, 9753), (1405, 9882), (1433, 9909), (1435, 9912),

Gene: Eightball_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for Eightball_3:
(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (806, 1881), (817, 1896), (842, 1932), (880, 1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298), (1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: Eileen_2 Start: 625, Stop: 2373, Start Num: 330
Candidate Starts for Eileen_2:
(294, 574), (311, 601), (Start: 330 @625 has 14 MA's), (370, 685), (388, 718), (441, 820), (469, 859), (473, 865), (481, 883), (486, 898), (487, 901), (493, 919), (499, 931), (513, 961), (554, 1039), (566, 1063), (576, 1075), (590, 1114), (598, 1135), (611, 1168), (656, 1255), (660, 1261), (732, 1363), (766, 1420), (774, 1435), (807, 1474), (873, 1570), (986, 1747), (994, 1762), (1011, 1786), (1147, 1996), (1158, 2020), (1165, 2038), (1187, 2068), (1197, 2083), (1232, 2125), (1253, 2152), (1281, 2176), (1289, 2185), (1372, 2290),

Gene: Ein37_5 Start: 1855, Stop: 3489, Start Num: 102
Candidate Starts for Ein37_5:
(Start: 102 @1855 has 400 MA's), (Start: 153 @1894 has 15 MA's), (Start: 208 @1942 has 5 MA's), (342, 2113), (396, 2152), (512, 2332), (516, 2341), (522, 2350), (566, 2413), (570, 2419), (605, 2503), (606, 2506), (607, 2509), (675, 2605), (677, 2608), (680, 2617), (745, 2683), (766, 2713), (785, 2740), (807, 2773), (820, 2794), (822, 2797), (919, 2893), (946, 2914), (1002, 3004), (1051, 3046), (1074, 3064), (1078, 3070), (1146, 3133), (1149, 3139), (1150, 3142), (1187, 3187), (1191, 3193), (1213, 3220), (1226, 3235), (1290, 3286), (1297, 3295), (1309, 3310), (1317, 3313), (1346, 3352), (1358, 3367), (1371, 3382), (1374, 3385), (1460, 3463), (1462, 3469),

Gene: Eish_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for Eish_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 217 @629 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (454, 905), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (736, 1388), (740, 1397), (862, 1568), (874, 1580), (920, 1598), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781),

(1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1239, 1964), (1250, 1979), (1265, 2006), (1297, 2039), (1315, 2060), (1320, 2066), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: Ejemplo_6 Start: 2380, Stop: 4026, Start Num: 95
Candidate Starts for Ejemplo_6:
(Start: 95 @2380 has 98 MA's), (Start: 113 @2398 has 11 MA's), (Start: 330 @2602 has 14 MA's), (362, 2638), (504, 2818), (515, 2839), (575, 2926), (603, 2998), (620, 3022), (680, 3121), (690, 3136), (704, 3160), (712, 3166), (838, 3334), (903, 3394), (983, 3484), (997, 3505), (1088, 3595), (1165, 3703), (1193, 3742), (1214, 3763), (1219, 3769), (1236, 3787), (1372, 3943), (1445, 4021),

Gene: Ekdilam_5 Start: 1122, Stop: 2546, Start Num: 247
Candidate Starts for Ekdilam_5:
(Start: 230 @1110 has 31 MA's), (Start: 247 @1122 has 171 MA's), (Start: 322 @1209 has 1 MA's), (Start: 336 @1233 has 12 MA's), (391, 1317), (402, 1326), (425, 1374), (444, 1392), (463, 1410), (487, 1461), (517, 1509), (532, 1536), (607, 1656), (611, 1665), (613, 1668), (636, 1698), (675, 1746), (827, 1920), (851, 1950), (893, 2001), (911, 2022), (962, 2070), (993, 2112), (1042, 2142), (1112, 2214), (1187, 2301), (1425, 2535), (1431, 2541),

Gene: Ekko14_3 Start: 1062, Stop: 2522, Start Num: 250
Candidate Starts for Ekko14_3:
(Start: 250 @1062 has 144 MA's), (Start: 254 @1068 has 2 MA's), (358, 1230), (363, 1239), (399, 1299), (444, 1368), (465, 1389), (488, 1440), (619, 1644), (755, 1779), (806, 1857), (817, 1872), (829, 1890), (842, 1908), (880, 1950), (911, 1983), (926, 2001), (1015, 2121), (1020, 2124), (1039, 2136), (1047, 2148), (1060, 2160), (1113, 2211), (1160, 2268), (1172, 2274), (1178, 2283), (1187, 2292), (1190, 2295), (1330, 2457), (1337, 2466), (1344, 2475), (1372, 2514),

Gene: ElGato_7 Start: 2228, Stop: 3874, Start Num: 95
Candidate Starts for ElGato_7:
(Start: 89 @2219 has 1 MA's), (Start: 95 @2228 has 98 MA's), (Start: 98 @2231 has 2 MA's), (Start: 113 @2246 has 11 MA's), (Start: 330 @2450 has 14 MA's), (362, 2486), (407, 2531), (485, 2624), (490, 2639), (504, 2666), (509, 2675), (515, 2687), (575, 2774), (594, 2822), (620, 2870), (680, 2969), (704, 3008), (803, 3122), (812, 3143), (838, 3182), (926, 3263), (983, 3332), (987, 3338), (997, 3353), (1064, 3416), (1164, 3548), (1193, 3590), (1219, 3617), (1236, 3635), (1281, 3683), (1372, 3791),

Gene: ElJefes_3 Start: 1422, Stop: 3047, Start Num: 232
Candidate Starts for ElJefes_3:
(Start: 170 @1371 has 103 MA's), (Start: 232 @1422 has 1 MA's), (Start: 249 @1443 has 1 MA's), (304, 1488), (362, 1566), (415, 1632), (477, 1695), (490, 1728), (509, 1764), (513, 1773), (515, 1776), (535, 1809), (543, 1824), (552, 1842), (595, 1923), (603, 1944), (625, 1980), (636, 2001), (659, 2037), (701, 2103), (735, 2157), (842, 2337), (866, 2370), (954, 2436), (956, 2439), (987, 2502), (992, 2508), (1146, 2673), (1163, 2706), (1219, 2775), (1292, 2853), (1295, 2856), (1370, 2946), (1374, 2952), (1394, 2973), (1454, 3033), (1456, 3036),

Gene: ElTiger69_9 Start: 5986, Stop: 7764, Start Num: 54
Candidate Starts for ElTiger69_9:
(Start: 54 @5986 has 19 MA's), (Start: 67 @6013 has 32 MA's), (Start: 108 @6073 has 1 MA's), (Start: 115 @6082 has 1 MA's), (147, 6121), (Start: 237 @6196 has 1 MA's), (241, 6202), (424, 6409), (425, 6412), (551, 6586), (620, 6718), (641, 6763), (690, 6841), (693, 6847), (793, 7012), (812, 7045), (825, 7066), (983, 7240), (999, 7264), (1113, 7366), (1129, 7387), (1163, 7441), (1182, 7471), (1193, 7483), (1241, 7537), (1402, 7717), (1405, 7720), (1438, 7753), (1443, 7759),

Gene: EleanorGeorge_2 Start: 587, Stop: 2224, Start Num: 155

Candidate Starts for EleanorGeorge_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: ElectricPheel_5 Start: 874, Stop: 2364, Start Num: 202
Candidate Starts for ElectricPheel_5:
(Start: 202 @874 has 39 MA's), (245, 919), (Start: 318 @1021 has 1 MA's), (Start: 336 @1048 has 12 MA's), (Start: 397 @1099 has 4 MA's), (405, 1111), (419, 1141), (425, 1153), (434, 1168), (485, 1234), (513, 1279), (577, 1366), (585, 1390), (586, 1393), (588, 1396), (607, 1441), (620, 1465), (631, 1474), (677, 1540), (725, 1603), (745, 1615), (776, 1657), (789, 1675), (827, 1735), (886, 1792), (902, 1804), (946, 1846), (987, 1924), (1047, 1978), (1121, 2044), (1127, 2053), (1201, 2128), (1206, 2137), (1228, 2164), (1299, 2221), (1346, 2275), (1406, 2347),

Gene: Elener_3 Start: 1848, Stop: 3611, Start Num: 305
Candidate Starts for Elener_3:
(Start: 305 @1848 has 33 MA's), (373, 1944), (416, 2010), (423, 2016), (436, 2043), (439, 2052), (513, 2181), (516, 2187), (576, 2295), (590, 2334), (637, 2433), (732, 2580), (1136, 3207), (1191, 3303), (1279, 3417), (1332, 3471), (1379, 3534),

Gene: ElephantMan_6 Start: 3734, Stop: 5473, Start Num: 307
Candidate Starts for ElephantMan_6:
(Start: 307 @3734 has 198 MA's), (367, 3833), (433, 3953), (485, 4052), (502, 4094), (516, 4124), (532, 4154), (556, 4202), (572, 4223), (611, 4325), (644, 4394), (656, 4418), (709, 4508), (750, 4580), (791, 4655), (805, 4679), (872, 4784), (892, 4808), (956, 4889), (1053, 5003), (1071, 5021), (1076, 5027), (1120, 5090), (1123, 5093), (1252, 5282), (1273, 5297), (1290, 5321), (1299, 5333), (1370, 5423), (1372, 5426),

Gene: Elephantoon_13 Start: 7764, Stop: 9554, Start Num: 103
Candidate Starts for Elephantoon_13:
(Start: 103 @7764 has 236 MA's), (Start: 117 @7779 has 10 MA's), (241, 7896), (298, 7995), (424, 8157), (487, 8229), (513, 8283), (538, 8322), (581, 8394), (620, 8484), (631, 8508), (722, 8640), (778, 8748), (823, 8823), (848, 8859), (898, 8919), (953, 8979), (992, 9039), (1006, 9060), (1113, 9156), (1115, 9159), (1129, 9177), (1163, 9231), (1182, 9261), (1193, 9273), (1281, 9366), (1295, 9381), (1340, 9432), (1405, 9510), (1433, 9537), (1435, 9540),

Gene: Elesar_5 Start: 1971, Stop: 3668, Start Num: 209
Candidate Starts for Elesar_5:
(Start: 152 @1911 has 15 MA's), (Start: 209 @1971 has 22 MA's), (Start: 295 @2091 has 6 MA's), (Start: 309 @2112 has 15 MA's), (339, 2160), (399, 2205), (402, 2208), (422, 2250), (431, 2268), (434, 2271), (463, 2292), (520, 2397), (569, 2451), (620, 2565), (665, 2646), (803, 2877), (852, 2943), (865, 2958), (928, 3033), (964, 3105), (973, 3129), (979, 3138), (997, 3168), (1020, 3186), (1061, 3228), (1126, 3300), (1176, 3339), (1212, 3384), (1283, 3432), (1305, 3459), (1307, 3462), (1313, 3468), (1328, 3489), (1353, 3519), (1364, 3531), (1433, 3609), (1464, 3657),

Gene: Elezi_2 Start: 534, Stop: 2240, Start Num: 124
Candidate Starts for Elezi_2:

(Start: 124 @534 has 46 MA's), (Start: 232 @621 has 1 MA's), (486, 906), (513, 963), (525, 984), (546, 1011), (595, 1101), (623, 1155), (645, 1200), (693, 1275), (798, 1404), (851, 1488), (881, 1527), (983, 1650), (1146, 1830), (1163, 1863), (1193, 1905), (1209, 1920), (1292, 2055), (1325, 2091), (1372, 2151), (1381, 2163),

Gene: Elfy_2 Start: 457, Stop: 1989, Start Num: 205
Candidate Starts for Elfy_2:
(Start: 205 @457 has 1 MA's), (Start: 223 @478 has 1 MA's), (Start: 295 @568 has 6 MA's), (Start: 307 @586 has 198 MA's), (342, 634), (Start: 397 @676 has 4 MA's), (431, 742), (483, 805), (528, 868), (618, 1030), (650, 1087), (652, 1090), (702, 1159), (827, 1354), (850, 1372), (940, 1462), (979, 1540), (1024, 1579), (1080, 1621), (1136, 1678), (1156, 1705), (1218, 1777),

Gene: Elinal_5 Start: 906, Stop: 2582, Start Num: 170
Candidate Starts for Elinal_5:
(Start: 170 @906 has 103 MA's), (Start: 232 @957 has 1 MA's), (Start: 249 @978 has 1 MA's), (304, 1023), (Start: 330 @1065 has 14 MA's), (362, 1101), (415, 1167), (490, 1263), (509, 1299), (513, 1308), (515, 1311), (543, 1359), (550, 1371), (595, 1458), (701, 1638), (735, 1692), (842, 1872), (866, 1905), (954, 1971), (987, 2037), (992, 2043), (1080, 2127), (1146, 2208), (1163, 2241), (1219, 2310), (1292, 2388), (1374, 2487), (1394, 2508), (1400, 2514), (1454, 2568), (1456, 2571),

Gene: Eliott_4 Start: 1113, Stop: 2792, Start Num: 170
Candidate Starts for Eliott_4:
(Start: 170 @1113 has 103 MA's), (Start: 232 @1164 has 1 MA's), (Start: 249 @1185 has 1 MA's), (Start: 251 @1188 has 3 MA's), (300, 1224), (304, 1230), (362, 1311), (415, 1377), (424, 1386), (485, 1458), (490, 1473), (509, 1509), (513, 1518), (543, 1569), (595, 1668), (623, 1722), (645, 1758), (735, 1902), (760, 1938), (780, 1977), (798, 2010), (825, 2058), (848, 2091), (866, 2115), (921, 2148), (954, 2181), (981, 2238), (987, 2247), (1076, 2331), (1146, 2418), (1214, 2514), (1282, 2586), (1292, 2598), (1394, 2718), (1454, 2778), (1456, 2781),

Gene: Elite2014_7 Start: 1729, Stop: 3399, Start Num: 394
Candidate Starts for Elite2014_7:
(319, 1603), (364, 1681), (Start: 394 @1729 has 48 MA's), (427, 1792), (551, 2026), (598, 2128), (693, 2308), (710, 2332), (724, 2350), (732, 2362), (768, 2425), (776, 2437), (808, 2482), (815, 2497), (873, 2575), (911, 2620), (934, 2674), (935, 2680), (1000, 2794), (1037, 2842), (1104, 2938), (1116, 2959), (1124, 2974), (1218, 3127), (1232, 3139), (1279, 3196), (1307, 3232), (1346, 3283), (1372, 3319), (1374, 3322), (1438, 3388),

Gene: Elkhorn_4 Start: 800, Stop: 2290, Start Num: 202
Candidate Starts for Elkhorn_4:
(Start: 202 @800 has 39 MA's), (245, 845), (Start: 318 @947 has 1 MA's), (Start: 336 @974 has 12 MA's), (Start: 397 @1025 has 4 MA's), (405, 1037), (419, 1067), (425, 1079), (434, 1094), (485, 1160), (513, 1205), (577, 1292), (585, 1316), (586, 1319), (588, 1322), (607, 1367), (620, 1391), (631, 1400), (677, 1466), (725, 1529), (745, 1541), (776, 1583), (789, 1601), (827, 1661), (886, 1718), (902, 1730), (922, 1754), (946, 1772), (987, 1850), (1047, 1904), (1112, 1958), (1121, 1970), (1127, 1979), (1201, 2054), (1206, 2063), (1228, 2090), (1299, 2147), (1346, 2201), (1406, 2273),

Gene: Elle_12 Start: 6396, Stop: 8096, Start Num: 103
Candidate Starts for Elle_12:
(Start: 103 @6396 has 236 MA's), (120, 6414), (513, 6858), (581, 6966), (620, 7056), (631, 7080), (704, 7197), (816, 7386), (914, 7485), (999, 7596), (1193, 7815), (1340, 7974), (1405, 8052), (1433, 8079), (1435, 8082), (1438, 8085),

Gene: Ellie_5 Start: 1213, Stop: 2637, Start Num: 247

Candidate Starts for Ellie_5:
(156, 1129), (Start: 230 @1201 has 31 MA's), (Start: 247 @1213 has 171 MA's), (Start: 322 @1300 has 1 MA's), (Start: 336 @1324 has 12 MA's), (391, 1408), (402, 1417), (425, 1465), (444, 1483), (463, 1501), (487, 1552), (532, 1627), (533, 1630), (607, 1747), (611, 1756), (613, 1759), (636, 1789), (675, 1837), (792, 1951), (820, 1999), (827, 2011), (851, 2041), (870, 2065), (880, 2077), (882, 2080), (893, 2092), (962, 2161), (993, 2203), (1042, 2233), (1112, 2305), (1146, 2338), (1150, 2347), (1187, 2392), (1353, 2569), (1425, 2626), (1431, 2632),

Gene: Ellson_5 Start: 1202, Stop: 2767, Start Num: 138
Candidate Starts for Ellson_5:
(97, 1151), (Start: 105 @1160 has 85 MA's), (Start: 138 @1202 has 120 MA's), (Start: 142 @1208 has 6 MA's), (293, 1379), (396, 1484), (402, 1490), (405, 1496), (506, 1652), (512, 1661), (513, 1664), (515, 1667), (566, 1742), (591, 1796), (593, 1799), (594, 1802), (766, 2033), (813, 2108), (827, 2129), (832, 2135), (855, 2162), (900, 2204), (942, 2228), (954, 2246), (962, 2261), (1060, 2375), (1113, 2414), (1116, 2420), (1172, 2486), (1216, 2540), (1263, 2576), (1278, 2588), (1329, 2627), (1400, 2714), (1448, 2759), (1450, 2762),

Gene: Elph10_9 Start: 2280, Stop: 3950, Start Num: 394
Candidate Starts for Elph10_9:
(Start: 394 @2280 has 48 MA's), (427, 2343), (551, 2577), (598, 2679), (693, 2859), (710, 2883), (724, 2901), (732, 2913), (768, 2976), (776, 2988), (808, 3033), (815, 3048), (873, 3126), (911, 3171), (934, 3225), (935, 3231), (1000, 3345), (1104, 3489), (1124, 3525), (1218, 3678), (1232, 3690), (1279, 3747), (1307, 3783), (1346, 3834), (1372, 3870), (1374, 3873), (1438, 3939),

Gene: Elsa_8 Start: 4237, Stop: 5991, Start Num: 307
Candidate Starts for Elsa_8:
(279, 4183), (Start: 303 @4231 has 2 MA's), (Start: 307 @4237 has 198 MA's), (363, 4330), (367, 4336), (502, 4603), (516, 4633), (532, 4663), (556, 4711), (570, 4729), (572, 4732), (589, 4774), (644, 4903), (750, 5089), (805, 5188), (847, 5260), (892, 5317), (950, 5395), (956, 5407), (1053, 5521), (1071, 5539), (1109, 5584), (1120, 5608), (1123, 5611), (1150, 5650), (1249, 5791), (1288, 5836), (1290, 5839), (1299, 5851), (1336, 5899), (1363, 5932), (1370, 5941), (1372, 5944),

Gene: Elspeth_3 Start: 1062, Stop: 2522, Start Num: 250
Candidate Starts for Elspeth_3:
(Start: 250 @1062 has 144 MA's), (Start: 254 @1068 has 2 MA's), (358, 1230), (363, 1239), (399, 1299), (444, 1368), (465, 1389), (488, 1440), (619, 1644), (755, 1779), (806, 1857), (817, 1872), (829, 1890), (842, 1908), (880, 1950), (911, 1983), (926, 2001), (1015, 2121), (1020, 2124), (1039, 2136), (1047, 2148), (1060, 2160), (1113, 2211), (1160, 2268), (1172, 2274), (1178, 2283), (1187, 2292), (1190, 2295), (1330, 2457), (1337, 2466), (1344, 2475), (1372, 2514),

Gene: Elva_4 Start: 1014, Stop: 2639, Start Num: 225
Candidate Starts for Elva_4:
(Start: 225 @1014 has 84 MA's), (339, 1170), (405, 1224), (431, 1278), (490, 1362), (515, 1398), (520, 1407), (594, 1512), (595, 1515), (620, 1575), (628, 1593), (630, 1596), (643, 1623), (662, 1653), (774, 1815), (956, 2031), (1003, 2106), (1020, 2121), (1328, 2472),

Gene: Elver_16 Start: 7584, Stop: 9368, Start Num: 307
Candidate Starts for Elver_16:
(Start: 303 @7578 has 2 MA's), (Start: 307 @7584 has 198 MA's), (367, 7683), (460, 7857), (493, 7932), (516, 7980), (556, 8058), (570, 8076), (572, 8079), (599, 8148), (644, 8250), (675, 8295), (680, 8307), (709, 8364), (750, 8436), (805, 8535), (837, 8592), (847, 8607), (892, 8664), (950, 8733), (956, 8745), (1009, 8838), (1053, 8898), (1071, 8916), (1076, 8922), (1120, 8985), (1123, 8988), (1150, 9027), (1244, 9159), (1273, 9192), (1290, 9216), (1299, 9228), (1315, 9246), (1370, 9318), (1372,

9321),

Gene: Emaanora_8 Start: 2376, Stop: 4022, Start Num: 95
Candidate Starts for Emaanora_8:
(Start: 95 @2376 has 98 MA's), (Start: 113 @2394 has 11 MA's), (Start: 251 @2526 has 3 MA's), (Start: 330 @2598 has 14 MA's), (362, 2634), (504, 2814), (515, 2835), (575, 2922), (603, 2994), (620, 3018), (680, 3117), (690, 3132), (704, 3156), (712, 3162), (838, 3330), (983, 3480), (997, 3501), (1064, 3564), (1088, 3591), (1165, 3699), (1193, 3738), (1214, 3759), (1219, 3765), (1236, 3783), (1325, 3879), (1372, 3939), (1445, 4017),

Gene: Emalyn_3 Start: 805, Stop: 2487, Start Num: 170
Candidate Starts for Emalyn_3:
(Start: 170 @805 has 103 MA's), (Start: 232 @856 has 1 MA's), (Start: 249 @877 has 1 MA's), (Start: 251 @880 has 3 MA's), (362, 1003), (407, 1048), (424, 1078), (485, 1150), (490, 1165), (509, 1201), (513, 1210), (515, 1213), (543, 1261), (581, 1330), (595, 1360), (603, 1381), (625, 1417), (645, 1450), (718, 1555), (735, 1594), (760, 1630), (780, 1669), (798, 1702), (825, 1750), (848, 1783), (866, 1807), (921, 1840), (987, 1939), (992, 1945), (1076, 2023), (1113, 2068), (1146, 2110), (1214, 2206), (1269, 2254), (1330, 2329), (1394, 2410), (1454, 2473), (1456, 2476),

Gene: Emerson_8 Start: 1593, Stop: 3017, Start Num: 247
Candidate Starts for Emerson_8:
(Start: 165 @1521 has 76 MA's), (Start: 230 @1581 has 31 MA's), (Start: 247 @1593 has 171 MA's), (Start: 336 @1704 has 12 MA's), (342, 1710), (391, 1788), (402, 1797), (425, 1845), (444, 1863), (487, 1932), (514, 1974), (517, 1980), (532, 2007), (533, 2010), (607, 2127), (611, 2136), (675, 2217), (792, 2331), (820, 2379), (827, 2391), (851, 2421), (870, 2445), (880, 2457), (959, 2535), (962, 2541), (1112, 2688), (1146, 2721), (1187, 2775), (1353, 2952), (1425, 3006),

Gene: EmiMonkey_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for EmiMonkey_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: EmiRose_2 Start: 963, Stop: 2567, Start Num: 403
Candidate Starts for EmiRose_2:
(Start: 403 @963 has 1 MA's), (482, 1083), (498, 1125), (509, 1146), (548, 1218), (556, 1236), (582, 1287), (648, 1431), (788, 1668), (802, 1692), (808, 1707), (845, 1770), (885, 1821), (932, 1893), (1087, 2109), (1155, 2202), (1164, 2226), (1173, 2241), (1215, 2289), (1243, 2325), (1278, 2364),

Gene: Emianna_24 Start: 13154, Stop: 14881, Start Num: 153
Candidate Starts for Emianna_24:
(30, 12920), (Start: 72 @13049 has 7 MA's), (Start: 153 @13154 has 15 MA's), (Start: 317 @13304 has 15 MA's), (351, 13355), (353, 13361), (379, 13400), (Start: 403 @13430 has 1 MA's), (414, 13454), (424, 13472), (437, 13499), (464, 13562), (473, 13580), (621, 13865), (635, 13892), (691, 13976), (740, 14060), (748, 14072), (768, 14105), (824, 14183), (883, 14261), (983, 14333), (1007, 14366), (1054, 14429), (1080, 14456), (1104, 14480), (1117, 14504), (1196, 14603), (1237, 14651), (1365, 14789), (1387, 14819), (1445, 14873),

Gene: Emma_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Emma_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: Emmina_8 Start: 1834, Stop: 3504, Start Num: 389
Candidate Starts for Emmina_8:
(Start: 389 @1834 has 11 MA's), (551, 2131), (598, 2233), (693, 2413), (710, 2437), (724, 2455), (732, 2467), (768, 2530), (776, 2542), (808, 2587), (815, 2602), (873, 2680), (911, 2725), (934, 2779), (935, 2785), (1000, 2899), (1037, 2947), (1104, 3043), (1116, 3064), (1124, 3079), (1218, 3232), (1232, 3244), (1279, 3301), (1307, 3337), (1346, 3388), (1372, 3424), (1374, 3427), (1438, 3493),

Gene: Emotion_2 Start: 551, Stop: 2290, Start Num: 98
Candidate Starts for Emotion_2:
(Start: 89 @539 has 1 MA's), (Start: 98 @551 has 2 MA's), (156, 611), (266, 716), (469, 932), (477, 944), (504, 995), (513, 1013), (1001, 1733), (1193, 1961), (1209, 1976), (1332, 2147), (1381, 2213), (1442, 2276),

Gene: Emperor_2 Start: 438, Stop: 1862, Start Num: 252
Candidate Starts for Emperor_2:
(Start: 208 @417 has 5 MA's), (Start: 252 @438 has 5 MA's), (Start: 318 @534 has 1 MA's), (Start: 336 @561 has 12 MA's), (Start: 397 @606 has 4 MA's), (402, 612), (405, 618), (418, 645), (444, 678), (487, 744), (538, 834), (586, 915), (763, 1146), (975, 1410), (1075, 1503), (1112, 1536), (1120, 1548), (1397, 1842),

Gene: Empress_2 Start: 571, Stop: 2208, Start Num: 155
Candidate Starts for Empress_2:
(Start: 155 @571 has 202 MA's), (163, 580), (Start: 176 @595 has 3 MA's), (Start: 247 @652 has 171 MA's), (Start: 250 @655 has 144 MA's), (Start: 318 @718 has 1 MA's), (353, 757), (412, 844), (454, 904), (473, 916), (484, 928), (487, 937), (488, 940), (496, 961), (508, 982), (548, 1054), (575, 1093), (602, 1162), (604, 1168), (621, 1198), (622, 1201), (627, 1210), (635, 1225), (647, 1243), (680, 1294), (736, 1387), (740, 1396), (862, 1567), (874, 1579), (983, 1663), (1005, 1693), (1007, 1696), (1010, 1699), (1080, 1756), (1097, 1771), (1101, 1777), (1104, 1780), (1113, 1795), (1117, 1804), (1164, 1873), (1190, 1903), (1196, 1912), (1225, 1945), (1250, 1978), (1265, 2005), (1297, 2038), (1325, 2068), (1349, 2089), (1365, 2113), (1372, 2122), (1374, 2125), (1429, 2182),

Gene: EmyBug_13 Start: 8160, Stop: 9926, Start Num: 121
Candidate Starts for EmyBug_13:
(Start: 103 @8139 has 236 MA's), (Start: 117 @8154 has 10 MA's), (Start: 121 @8160 has 5 MA's), (241, 8271), (298, 8370), (424, 8532), (487, 8604), (513, 8658), (538, 8697), (581, 8769), (620, 8859), (631, 8883), (704, 9000), (722, 9015), (778, 9123), (823, 9198), (848, 9234), (898, 9294), (992, 9414), (1006, 9435), (1064, 9474), (1113, 9528), (1115, 9531), (1129, 9549), (1163, 9603), (1182, 9633), (1193, 9645), (1279, 9735), (1295, 9753), (1405, 9882), (1433, 9909), (1435, 9912),

Gene: EnalisNailo_2 Start: 485, Stop: 2284, Start Num: 87

Candidate Starts for EnalisNailo_2:
(Start: 87 @485 has 22 MA's), (Start: 207 @623 has 6 MA's), (229, 650), (354, 782), (362, 797), (430, 881), (469, 911), (477, 923), (485, 932), (502, 971), (513, 992), (552, 1052), (573, 1076), (602, 1148), (623, 1184), (642, 1220), (696, 1310), (711, 1331), (732, 1376), (735, 1382), (746, 1400), (759, 1415), (927, 1589), (956, 1616), (1001, 1685), (1006, 1691), (1080, 1757), (1088, 1769), (1102, 1796), (1165, 1907), (1182, 1943), (1193, 1955), (1197, 1961), (1211, 1979), (1234, 2006), (1249, 2030), (1287, 2093), (1325, 2135), (1370, 2192), (1381, 2207), (1399, 2222), (1445, 2270), (1448, 2273),

Gene: Enceladus_4 Start: 1053, Stop: 2636, Start Num: 138
Candidate Starts for Enceladus_4:
(Start: 138 @1053 has 120 MA's), (Start: 142 @1059 has 6 MA's), (293, 1230), (361, 1317), (396, 1335), (402, 1341), (419, 1377), (513, 1515), (515, 1518), (566, 1593), (593, 1650), (594, 1653), (710, 1821), (762, 1875), (766, 1884), (776, 1899), (791, 1920), (813, 1959), (827, 1980), (832, 1986), (855, 2013), (900, 2055), (942, 2079), (954, 2097), (959, 2106), (962, 2112), (977, 2145), (1009, 2178), (1050, 2217), (1057, 2223), (1060, 2226), (1116, 2271), (1172, 2337), (1213, 2388), (1234, 2412), (1263, 2427), (1266, 2430), (1373, 2532), (1394, 2559), (1448, 2610), (1450, 2613),

Gene: EndAve_17 Start: 10501, Stop: 12246, Start Num: 307
Candidate Starts for EndAve_17:
(Start: 307 @10501 has 198 MA's), (310, 10507), (363, 10594), (367, 10600), (387, 10636), (417, 10690), (420, 10696), (469, 10792), (502, 10867), (556, 10975), (572, 10996), (599, 11065), (644, 11167), (680, 11224), (709, 11281), (722, 11293), (750, 11353), (805, 11452), (808, 11458), (841, 11515), (892, 11581), (1050, 11767), (1053, 11776), (1088, 11818), (1111, 11842), (1120, 11863), (1123, 11866), (1288, 12091), (1290, 12094), (1299, 12106), (1370, 12196), (1372, 12199),

Gene: Engineer_31 Start: 8628, Stop: 10376, Start Num: 148
Candidate Starts for Engineer_31:
(Start: 148 @8628 has 26 MA's), (Start: 176 @8658 has 3 MA's), (325, 8787), (457, 8973), (473, 9012), (488, 9036), (502, 9066), (512, 9084), (529, 9111), (543, 9141), (645, 9333), (654, 9351), (756, 9513), (787, 9561), (797, 9576), (963, 9759), (966, 9765), (1026, 9849), (1086, 9936), (1115, 9969), (1198, 10083), (1229, 10119), (1250, 10143), (1258, 10158), (1412, 10332), (1418, 10338),

Gene: EniyanLRS_23 Start: 7822, Stop: 9435, Start Num: 152
Candidate Starts for EniyanLRS_23:
(Start: 152 @7822 has 15 MA's), (293, 7972), (310, 7990), (Start: 333 @8023 has 4 MA's), (339, 8035), (Start: 403 @8086 has 1 MA's), (405, 8089), (428, 8137), (431, 8143), (470, 8182), (472, 8185), (487, 8218), (531, 8287), (572, 8353), (578, 8371), (591, 8395), (594, 8401), (651, 8506), (690, 8548), (707, 8566), (714, 8575), (878, 8779), (883, 8785), (912, 8818), (1050, 8983), (1060, 8992), (1065, 8998), (1071, 9001), (1142, 9076), (1160, 9109), (1178, 9124), (1263, 9205), (1394, 9358), (1415, 9379), (1418, 9382),

Gene: Enkosi_4 Start: 847, Stop: 2271, Start Num: 247
Candidate Starts for Enkosi_4:
(Start: 230 @835 has 31 MA's), (Start: 247 @847 has 171 MA's), (310, 913), (Start: 336 @958 has 12 MA's), (363, 1003), (391, 1042), (402, 1051), (425, 1099), (444, 1117), (463, 1135), (487, 1186), (517, 1234), (532, 1261), (607, 1381), (611, 1390), (637, 1426), (638, 1429), (675, 1471), (686, 1489), (792, 1585), (816, 1627), (820, 1633), (827, 1645), (851, 1675), (856, 1681), (870, 1699), (893, 1726), (962, 1795), (1042, 1867), (1112, 1939), (1146, 1972), (1150, 1981), (1172, 2008), (1187, 2026), (1353, 2203), (1425, 2260), (1431, 2266),

Gene: Ennea_30 Start: 13824, Stop: 15503, Start Num: 155
Candidate Starts for Ennea_30:

(Start: 155 @13824 has 202 MA's), (Start: 317 @13974 has 15 MA's), (353, 14031), (372, 14058), (379, 14070), (408, 14109), (424, 14142), (621, 14484), (635, 14511), (740, 14679), (748, 14691), (768, 14724), (824, 14802), (953, 14904), (1034, 15018), (1104, 15099), (1113, 15114), (1146, 15156), (1196, 15222), (1203, 15234), (1237, 15270), (1258, 15297), (1320, 15366), (1325, 15369), (1387, 15438),

Gene: EnochSoames_7 Start: 2576, Stop: 4204, Start Num: 113
Candidate Starts for EnochSoames_7:
(Start: 95 @2558 has 98 MA's), (Start: 113 @2576 has 11 MA's), (Start: 330 @2780 has 14 MA's), (407, 2861), (504, 2996), (515, 3017), (548, 3062), (575, 3104), (603, 3176), (620, 3200), (675, 3287), (680, 3299), (722, 3353), (803, 3452), (838, 3512), (992, 3674), (997, 3683), (1088, 3773), (1116, 3806), (1164, 3878), (1165, 3881), (1193, 3920), (1214, 3941), (1219, 3947), (1236, 3965), (1325, 4061), (1372, 4121),

Gene: Enochoraptor_2 Start: 385, Stop: 1896, Start Num: 228
Candidate Starts for Enochoraptor_2:
(Start: 228 @385 has 40 MA's), (Start: 262 @424 has 67 MA's), (274, 442), (Start: 297 @469 has 6 MA's), (314, 487), (Start: 333 @514 has 4 MA's), (334, 517), (Start: 393 @565 has 3 MA's), (Start: 400 @574 has 2 MA's), (405, 580), (419, 610), (426, 625), (465, 658), (474, 676), (485, 700), (487, 706), (506, 745), (512, 754), (513, 757), (533, 796), (535, 799), (566, 859), (572, 868), (591, 913), (593, 916), (602, 937), (607, 952), (611, 961), (618, 973), (641, 1012), (664, 1048), (667, 1051), (669, 1054), (681, 1075), (763, 1162), (776, 1186), (797, 1213), (809, 1234), (855, 1300), (1079, 1510), (1112, 1537), (1130, 1558), (1134, 1564), (1143, 1576), (1170, 1609), (1184, 1627), (1190, 1633), (1213, 1663), (1226, 1678), (1278, 1711), (1280, 1714), (1290, 1726), (1373, 1813), (1403, 1849), (1433, 1882), (1443, 1888),

Gene: Enoki_2 Start: 373, Stop: 1884, Start Num: 228
Candidate Starts for Enoki_2:
(Start: 225 @370 has 84 MA's), (Start: 228 @373 has 40 MA's), (Start: 238 @385 has 22 MA's), (Start: 262 @412 has 67 MA's), (274, 430), (314, 475), (Start: 333 @502 has 4 MA's), (334, 505), (Start: 393 @553 has 3 MA's), (Start: 400 @562 has 2 MA's), (405, 568), (419, 598), (424, 607), (426, 613), (465, 646), (474, 664), (485, 688), (487, 694), (506, 733), (512, 742), (513, 745), (533, 784), (535, 787), (572, 856), (591, 901), (593, 904), (602, 925), (607, 940), (611, 949), (618, 961), (641, 1000), (653, 1021), (667, 1039), (669, 1042), (674, 1048), (681, 1063), (745, 1129), (749, 1132), (776, 1174), (797, 1201), (809, 1222), (855, 1288), (922, 1321), (954, 1351), (973, 1393), (1062, 1480), (1075, 1492), (1112, 1525), (1130, 1546), (1131, 1549), (1134, 1552), (1143, 1564), (1160, 1594), (1172, 1600), (1184, 1615), (1190, 1621), (1206, 1642), (1224, 1663), (1278, 1699), (1280, 1702), (1290, 1714), (1299, 1726), (1366, 1792), (1373, 1801), (1378, 1807), (1385, 1816), (1433, 1870), (1443, 1876),

Gene: EnzoK_12 Start: 7238, Stop: 8926, Start Num: 102
Candidate Starts for EnzoK_12:
(Start: 102 @7238 has 400 MA's), (381, 7502), (402, 7526), (513, 7688), (535, 7721), (581, 7796), (620, 7886), (631, 7910), (647, 7937), (679, 7985), (774, 8141), (809, 8201), (1009, 8435), (1021, 8447), (1080, 8489), (1100, 8510), (1117, 8537), (1193, 8645), (1279, 8735), (1365, 8840),

Gene: Enzomatic_2 Start: 652, Stop: 2208, Start Num: 247
Candidate Starts for Enzomatic_2:
(Start: 155 @571 has 202 MA's), (163, 580), (Start: 176 @595 has 3 MA's), (Start: 217 @628 has 1 MA's), (Start: 247 @652 has 171 MA's), (Start: 250 @655 has 144 MA's), (Start: 318 @718 has 1 MA's), (353, 757), (412, 844), (454, 904), (484, 928), (487, 937), (488, 940), (496, 961), (508, 982), (516, 997), (548, 1054), (575, 1093), (602, 1162), (604, 1168), (621, 1198), (622, 1201), (627, 1210), (635, 1225), (647, 1243), (680, 1294), (736, 1387), (740, 1396), (862, 1567), (874, 1579), (983, 1663), (1005, 1693), (1007, 1696), (1010, 1699), (1080, 1756), (1097, 1771), (1101, 1777), (1104, 1780),

(1113, 1795), (1117, 1804), (1164, 1873), (1190, 1903), (1196, 1912), (1225, 1945), (1239, 1963), (1250, 1978), (1265, 2005), (1297, 2038), (1320, 2065), (1325, 2068), (1349, 2089), (1365, 2113), (1372, 2122), (1374, 2125), (1429, 2182),

Gene: EpicDab_2 Start: 546, Stop: 1865, Start Num: 318
Candidate Starts for EpicDab_2:
(Start: 208 @429 has 5 MA's), (Start: 252 @450 has 5 MA's), (Start: 318 @546 has 1 MA's), (Start: 397 @618 has 4 MA's), (405, 630), (426, 675), (487, 759), (491, 771), (541, 837), (607, 963), (647, 1026), (707, 1092), (745, 1125), (808, 1218), (864, 1287), (957, 1383), (981, 1428), (1149, 1584), (1202, 1641), (1208, 1650), (1260, 1695), (1379, 1827), (1400, 1851),

Gene: EpicPhail_13 Start: 6957, Stop: 8657, Start Num: 105
Candidate Starts for EpicPhail_13:
(Start: 105 @6957 has 85 MA's), (Start: 145 @7005 has 1 MA's), (302, 7140), (467, 7332), (513, 7419), (620, 7617), (675, 7707), (718, 7770), (809, 7932), (983, 8130), (999, 8154), (1001, 8157), (1080, 8220), (1100, 8241), (1129, 8280), (1193, 8376), (1241, 8430), (1279, 8466), (1405, 8613), (1435, 8643), (1438, 8646),

Gene: Eponine_9 Start: 2470, Stop: 3915, Start Num: 247
Candidate Starts for Eponine_9:
(Start: 247 @2470 has 171 MA's), (Start: 336 @2575 has 12 MA's), (391, 2659), (402, 2668), (425, 2716), (463, 2758), (487, 2809), (493, 2827), (517, 2857), (532, 2884), (591, 2962), (607, 3004), (611, 3013), (613, 3016), (675, 3094), (679, 3103), (742, 3142), (792, 3208), (820, 3256), (851, 3298), (870, 3322), (962, 3415), (992, 3457), (1042, 3502), (1111, 3571), (1150, 3616), (1157, 3631), (1160, 3637), (1187, 3661), (1353, 3838), (1425, 3904), (1431, 3910),

Gene: Epsocamisio_14 Start: 6686, Stop: 8383, Start Num: 103
Candidate Starts for Epsocamisio_14:
(Start: 103 @6686 has 236 MA's), (120, 6704), (302, 6866), (424, 7022), (487, 7091), (513, 7145), (581, 7253), (594, 7280), (620, 7343), (631, 7367), (999, 7883), (1080, 7946), (1115, 7988), (1193, 8102), (1292, 8207), (1405, 8339), (1433, 8366), (1435, 8369), (1438, 8372),

Gene: Equemioh13_14 Start: 7926, Stop: 9713, Start Num: 103
Candidate Starts for Equemioh13_14:
(23, 7740), (50, 7842), (Start: 103 @7926 has 236 MA's), (Start: 217 @8034 has 1 MA's), (234, 8055), (288, 8145), (298, 8163), (487, 8394), (512, 8445), (513, 8448), (581, 8556), (620, 8646), (631, 8670), (722, 8802), (983, 9189), (1113, 9315), (1129, 9336), (1182, 9420), (1193, 9432), (1405, 9669), (1433, 9696), (1435, 9699), (1438, 9702), (1440, 9705),

Gene: Eradicator_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for Eradicator_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 204 @617 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (261, 674), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (414, 851), (454, 905), (473, 917), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (736, 1388), (740, 1397), (862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1250, 1979), (1265, 2006), (1297, 2039), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: Eraser_2 Start: 534, Stop: 2240, Start Num: 124
Candidate Starts for Eraser_2:

(Start: 124 @534 has 46 MA's), (Start: 232 @621 has 1 MA's), (486, 906), (513, 963), (525, 984), (546, 1011), (595, 1101), (623, 1155), (645, 1200), (693, 1275), (748, 1365), (851, 1488), (881, 1527), (983, 1650), (1146, 1830), (1163, 1863), (1193, 1905), (1209, 1920), (1292, 2055), (1325, 2091), (1372, 2151), (1381, 2163),

Gene: EricB_15 Start: 7524, Stop: 9278, Start Num: 103
Candidate Starts for EricB_15:
(Start: 103 @7524 has 236 MA's), (298, 7755), (Start: 330 @7806 has 14 MA's), (362, 7842), (424, 7917), (513, 8040), (538, 8079), (581, 8148), (593, 8172), (594, 8175), (620, 8238), (631, 8262), (693, 8361), (696, 8364), (718, 8391), (722, 8394), (923, 8679), (992, 8766), (999, 8778), (1080, 8841), (1113, 8880), (1129, 8901), (1182, 8985), (1193, 8997), (1405, 9234), (1433, 9261), (1435, 9264),

Gene: Erik_8 Start: 3156, Stop: 4838, Start Num: 107
Candidate Starts for Erik_8:
(Start: 107 @3156 has 35 MA's), (Start: 309 @3342 has 15 MA's), (362, 3414), (381, 3426), (402, 3450), (408, 3462), (513, 3615), (523, 3630), (567, 3690), (620, 3798), (647, 3855), (770, 4053), (780, 4071), (812, 4125), (956, 4269), (983, 4311), (1006, 4344), (1088, 4413), (1193, 4557), (1236, 4602), (1292, 4662), (1372, 4761), (1405, 4794), (1433, 4821), (1435, 4824), (1438, 4827),

Gene: Erin_3 Start: 1074, Stop: 2534, Start Num: 250
Candidate Starts for Erin_3:
(Start: 250 @1074 has 144 MA's), (Start: 254 @1080 has 2 MA's), (358, 1242), (363, 1251), (399, 1311), (444, 1380), (465, 1401), (488, 1452), (619, 1656), (806, 1869), (817, 1884), (842, 1920), (880, 1962), (911, 1995), (926, 2013), (1015, 2133), (1020, 2136), (1039, 2148), (1113, 2223), (1172, 2286), (1187, 2304), (1190, 2307), (1330, 2469), (1337, 2478), (1344, 2487), (1372, 2526),

Gene: Eris_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Eris_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Eros_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Eros_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Esketit_8 Start: 3146, Stop: 4891, Start Num: 307
Candidate Starts for Esketit_8:
(Start: 307 @3146 has 198 MA's), (342, 3200), (345, 3203), (363, 3239), (367, 3245), (488, 3479), (535, 3578), (556, 3620), (572, 3641), (589, 3683), (594, 3695), (637, 3794), (644, 3812), (666, 3848), (791, 4073), (805, 4097), (808, 4103), (892, 4226), (950, 4295), (1050, 4412), (1071, 4439), (1120, 4508), (1123, 4511), (1156, 4562), (1223, 4649), (1273, 4715), (1288, 4736), (1290, 4739), (1299, 4751), (1315, 4769), (1370, 4841), (1372, 4844),

Gene: Esperer_6 Start: 2420, Stop: 4048, Start Num: 113
Candidate Starts for Esperer_6:

(Start: 95 @2402 has 98 MA's), (Start: 113 @2420 has 11 MA's), (Start: 330 @2624 has 14 MA's), (407, 2705), (504, 2840), (515, 2861), (575, 2948), (603, 3020), (620, 3044), (680, 3143), (722, 3197), (803, 3296), (838, 3356), (992, 3518), (997, 3527), (1088, 3617), (1113, 3644), (1164, 3722), (1165, 3725), (1193, 3764), (1214, 3785), (1219, 3791), (1236, 3809), (1325, 3905), (1372, 3965),

Gene: Espica_8 Start: 3156, Stop: 4838, Start Num: 107
Candidate Starts for Espica_8:
(Start: 107 @3156 has 35 MA's), (Start: 309 @3342 has 15 MA's), (362, 3414), (381, 3426), (402, 3450), (408, 3462), (513, 3615), (523, 3630), (567, 3690), (620, 3798), (647, 3855), (770, 4053), (780, 4071), (812, 4125), (926, 4236), (956, 4269), (983, 4311), (1006, 4344), (1088, 4413), (1193, 4557), (1236, 4602), (1292, 4662), (1372, 4761), (1405, 4794), (1433, 4821), (1435, 4824), (1438, 4827),

Gene: Espio_7 Start: 2850, Stop: 4595, Start Num: 307
Candidate Starts for Espio_7:
(Start: 307 @2850 has 198 MA's), (342, 2904), (345, 2907), (363, 2943), (367, 2949), (488, 3183), (535, 3282), (556, 3324), (572, 3345), (589, 3387), (594, 3399), (637, 3498), (644, 3516), (666, 3552), (791, 3777), (805, 3801), (808, 3807), (892, 3930), (950, 3999), (1050, 4116), (1071, 4143), (1120, 4212), (1123, 4215), (1156, 4266), (1223, 4353), (1273, 4419), (1290, 4443), (1299, 4455), (1315, 4473), (1370, 4545), (1372, 4548),

Gene: Espresso_11 Start: 7100, Stop: 8788, Start Num: 102
Candidate Starts for Espresso_11:
(Start: 102 @7100 has 400 MA's), (381, 7364), (402, 7388), (513, 7550), (535, 7583), (581, 7658), (620, 7748), (631, 7772), (647, 7799), (679, 7847), (690, 7865), (728, 7916), (767, 7991), (774, 8003), (809, 8063), (1009, 8297), (1021, 8309), (1080, 8351), (1100, 8372), (1117, 8399), (1193, 8507), (1279, 8597), (1365, 8702),

Gene: Estave1_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for Estave1_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 217 @629 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (454, 905), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (516, 998), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (717, 1346), (736, 1388), (740, 1397), (862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1239, 1964), (1250, 1979), (1265, 2006), (1320, 2066), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: EstebanJulior_2 Start: 426, Stop: 1991, Start Num: 165
Candidate Starts for EstebanJulior_2:
(Start: 165 @426 has 76 MA's), (Start: 333 @636 has 4 MA's), (402, 696), (419, 732), (431, 756), (463, 780), (518, 882), (557, 942), (593, 1011), (595, 1017), (620, 1077), (650, 1137), (677, 1173), (770, 1236), (790, 1266), (852, 1362), (941, 1449), (983, 1524), (1009, 1557), (1046, 1593), (1117, 1668), (1133, 1689), (1135, 1692), (1212, 1755), (1232, 1779), (1328, 1857), (1451, 1977),

Gene: Estes_19 Start: 5466, Stop: 7007, Start Num: 170
Candidate Starts for Estes_19:
(Start: 170 @5466 has 103 MA's), (Start: 173 @5469 has 36 MA's), (331, 5652), (342, 5670), (392, 5703), (398, 5712), (431, 5775), (487, 5850), (591, 6003), (606, 6042), (678, 6135), (690, 6156), (809, 6303), (852, 6363), (1009, 6510), (1041, 6537), (1116, 6615), (1160, 6675), (1190, 6702), (1420, 6957),

Gene: Et2Brutus_11 Start: 8027, Stop: 9790, Start Num: 103
Candidate Starts for Et2Brutus_11:
(Start: 103 @8027 has 236 MA's), (Start: 121 @8048 has 5 MA's), (Start: 217 @8135 has 1 MA's), (298, 8264), (314, 8288), (362, 8351), (487, 8495), (512, 8546), (513, 8549), (581, 8660), (593, 8684), (594, 8687), (620, 8750), (623, 8759), (631, 8774), (704, 8891), (722, 8906), (751, 8966), (803, 9050), (992, 9278), (999, 9290), (1064, 9338), (1080, 9353), (1113, 9392), (1129, 9413), (1155, 9452), (1182, 9497), (1193, 9509), (1405, 9746), (1433, 9773),

Gene: Etoile_2 Start: 413, Stop: 2089, Start Num: 138
Candidate Starts for Etoile_2:
(Start: 138 @413 has 120 MA's), (Start: 318 @629 has 1 MA's), (349, 668), (380, 725), (384, 731), (396, 749), (421, 794), (426, 806), (431, 815), (444, 821), (483, 878), (490, 899), (495, 911), (558, 1001), (659, 1190), (745, 1286), (766, 1316), (778, 1337), (919, 1490), (1107, 1688), (1112, 1697), (1139, 1724), (1172, 1766), (1187, 1784), (1278, 1868), (1290, 1883), (1463, 2072),

Gene: EtoileNova_12 Start: 7047, Stop: 8744, Start Num: 102
Candidate Starts for EtoileNova_12:
(Start: 102 @7047 has 400 MA's), (Start: 124 @7071 has 46 MA's), (381, 7317), (508, 7491), (513, 7503), (538, 7542), (550, 7554), (581, 7611), (593, 7635), (620, 7701), (623, 7710), (675, 7791), (693, 7824), (774, 7956), (780, 7968), (812, 8022), (825, 8043), (848, 8076), (914, 8130), (983, 8217), (999, 8241), (1001, 8244), (1006, 8250), (1015, 8259), (1080, 8307), (1113, 8346), (1115, 8349), (1129, 8367), (1193, 8463), (1241, 8517), (1374, 8670), (1405, 8700), (1435, 8730), (1438, 8733),

Gene: Eudoria_2 Start: 498, Stop: 2222, Start Num: 305
Candidate Starts for Eudoria_2:
(Start: 295 @483 has 6 MA's), (Start: 305 @498 has 33 MA's), (373, 588), (510, 828), (513, 834), (526, 858), (555, 915), (590, 987), (696, 1185), (728, 1227), (732, 1233), (782, 1317), (807, 1344), (885, 1455), (908, 1482), (1013, 1659), (1191, 1932), (1194, 1935), (1197, 1941), (1212, 1962), (1245, 2001), (1281, 2049), (1289, 2058), (1307, 2082), (1332, 2100), (1374, 2157), (1439, 2214),

Gene: Eula_3 Start: 676, Stop: 2304, Start Num: 225
Candidate Starts for Eula_3:
(Start: 225 @676 has 84 MA's), (339, 832), (431, 940), (490, 1024), (503, 1048), (518, 1066), (569, 1123), (594, 1174), (595, 1177), (620, 1237), (628, 1255), (643, 1285), (662, 1315), (1003, 1771), (1020, 1786), (1328, 2137), (1464, 2293),

Gene: Eunoia_2 Start: 429, Stop: 1994, Start Num: 165
Candidate Starts for Eunoia_2:
(Start: 165 @429 has 76 MA's), (Start: 307 @600 has 198 MA's), (Start: 397 @693 has 4 MA's), (431, 759), (463, 783), (488, 837), (569, 966), (620, 1080), (650, 1140), (672, 1170), (790, 1269), (803, 1284), (852, 1365), (941, 1452), (983, 1527), (985, 1530), (1009, 1560), (1100, 1644), (1133, 1692), (1177, 1716), (1283, 1806), (1328, 1860), (1404, 1941), (1451, 1980),

Gene: Euphoria_11 Start: 6996, Stop: 8684, Start Num: 102
Candidate Starts for Euphoria_11:
(Start: 102 @6996 has 400 MA's), (381, 7260), (402, 7284), (513, 7446), (535, 7479), (581, 7554), (620, 7644), (631, 7668), (647, 7695), (679, 7743), (728, 7812), (774, 7899), (809, 7959), (1001, 8184), (1009, 8193), (1021, 8205), (1080, 8247), (1100, 8268), (1117, 8295), (1193, 8403), (1279, 8493), (1365, 8598),

Gene: Euratis_2 Start: 596, Stop: 2176, Start Num: 393
Candidate Starts for Euratis_2:

(Start: 393 @596 has 3 MA's), (490, 767), (526, 833), (551, 881), (556, 893), (589, 962), (590, 965), (598, 986), (599, 989), (609, 1016), (623, 1037), (643, 1070), (676, 1121), (803, 1304), (827, 1343), (848, 1364), (926, 1475), (934, 1496), (1035, 1637), (1037, 1643), (1038, 1646), (1075, 1694), (1104, 1742), (1164, 1847), (1165, 1850), (1178, 1868), (1201, 1895), (1240, 1943), (1305, 2024), (1332, 2051), (1385, 2123),

Gene: Eurydice_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Eurydice_11:
(28, 6707), (34, 6725), (38, 6755), (Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Evanesce_5 Start: 1894, Stop: 3489, Start Num: 153
Candidate Starts for Evanesce_5:
(Start: 102 @1855 has 400 MA's), (Start: 153 @1894 has 15 MA's), (Start: 208 @1942 has 5 MA's), (342, 2113), (396, 2152), (512, 2332), (516, 2341), (522, 2350), (566, 2413), (570, 2419), (605, 2503), (606, 2506), (607, 2509), (675, 2605), (677, 2608), (680, 2617), (745, 2683), (766, 2713), (785, 2740), (807, 2773), (820, 2794), (822, 2797), (919, 2893), (946, 2914), (1002, 3004), (1051, 3046), (1074, 3064), (1078, 3070), (1146, 3133), (1149, 3139), (1150, 3142), (1187, 3187), (1191, 3193), (1213, 3220), (1226, 3235), (1290, 3286), (1297, 3295), (1309, 3310), (1317, 3313), (1346, 3352), (1358, 3367), (1371, 3382), (1374, 3385), (1460, 3463), (1462, 3469),

Gene: EvenBluerMoon_3 Start: 1241, Stop: 2836, Start Num: 206
Candidate Starts for EvenBluerMoon_3:
(Start: 206 @1241 has 13 MA's), (419, 1499), (431, 1523), (444, 1529), (620, 1820), (634, 1850), (665, 1901), (672, 1910), (764, 2012), (770, 2024), (867, 2147), (973, 2276), (1151, 2504), (1186, 2546), (1449, 2825),

Gene: Eviarto_2 Start: 498, Stop: 2222, Start Num: 305
Candidate Starts for Eviarto_2:
(Start: 295 @483 has 6 MA's), (Start: 305 @498 has 33 MA's), (373, 588), (499, 804), (510, 828), (513, 834), (526, 858), (555, 915), (590, 987), (696, 1185), (728, 1227), (732, 1233), (782, 1317), (807, 1344), (885, 1455), (908, 1482), (1013, 1659), (1191, 1932), (1194, 1935), (1197, 1941), (1212, 1962), (1245, 2001), (1281, 2049), (1289, 2058), (1307, 2082), (1332, 2100), (1374, 2157), (1439, 2214),

Gene: EvilGenius_14 Start: 7834, Stop: 9621, Start Num: 103
Candidate Starts for EvilGenius_14:
(Start: 103 @7834 has 236 MA's), (Start: 217 @7942 has 1 MA's), (234, 7963), (298, 8071), (362, 8158), (487, 8302), (512, 8353), (513, 8356), (581, 8464), (620, 8554), (631, 8578), (704, 8695), (722, 8710), (916, 9010), (1088, 9196), (1113, 9223), (1129, 9244), (1193, 9340), (1405, 9577), (1435, 9607),

Gene: Exile_2 Start: 568, Stop: 2271, Start Num: 124
Candidate Starts for Exile_2:
(Start: 124 @568 has 46 MA's), (362, 790), (408, 838), (477, 919), (513, 988), (546, 1036), (595, 1129), (623, 1183), (748, 1393), (1193, 1939), (1209, 1954), (1381, 2194), (1399, 2209), (1442, 2257),

Gene: Expelliarmus_8 Start: 5669, Stop: 7423, Start Num: 67
Candidate Starts for Expelliarmus_8:
(Start: 67 @5669 has 32 MA's), (92, 5711), (Start: 128 @5750 has 7 MA's), (241, 5858), (424, 6065), (567, 6266), (620, 6374), (693, 6503), (793, 6668), (812, 6701), (926, 6821), (983, 6896), (1100, 7007),

(1113, 7025), (1129, 7046), (1163, 7100), (1193, 7142), (1292, 7247), (1372, 7346), (1405, 7379), (1438, 7412), (1443, 7418),

Gene: ExplosioNervosa_13 Start: 8157, Stop: 9929, Start Num: 117
Candidate Starts for ExplosioNervosa_13:
(Start: 103 @8142 has 236 MA's), (Start: 117 @8157 has 10 MA's), (Start: 121 @8163 has 5 MA's), (241, 8274), (298, 8373), (424, 8535), (487, 8607), (513, 8661), (538, 8700), (581, 8772), (620, 8862), (631, 8886), (704, 9003), (722, 9018), (778, 9126), (823, 9201), (848, 9237), (898, 9297), (992, 9417), (1006, 9438), (1064, 9477), (1113, 9531), (1115, 9534), (1129, 9552), (1163, 9606), (1182, 9636), (1193, 9648), (1279, 9738), (1295, 9756), (1405, 9885), (1433, 9912), (1435, 9915),

Gene: Eyeball_11 Start: 6743, Stop: 8431, Start Num: 102
Candidate Starts for Eyeball_11:
(Start: 102 @6743 has 400 MA's), (381, 7007), (402, 7031), (513, 7193), (535, 7226), (581, 7301), (620, 7391), (631, 7415), (647, 7442), (679, 7490), (774, 7646), (809, 7706), (1001, 7931), (1009, 7940), (1021, 7952), (1080, 7994), (1100, 8015), (1117, 8042), (1193, 8150), (1279, 8240), (1365, 8345),

Gene: Eyes_2 Start: 522, Stop: 2105, Start Num: 185
Candidate Starts for Eyes_2:
(Start: 185 @522 has 14 MA's), (276, 624), (465, 840), (487, 888), (522, 948), (532, 960), (593, 1050), (611, 1098), (648, 1155), (745, 1299), (778, 1350), (912, 1506), (959, 1554), (970, 1578), (1055, 1665), (1172, 1785), (1187, 1803), (1260, 1872), (1278, 1887), (1297, 1911),

Gene: Eyoseyas_2 Start: 361, Stop: 1926, Start Num: 136
Candidate Starts for Eyoseyas_2:
(Start: 136 @361 has 1 MA's), (Start: 179 @412 has 1 MA's), (Start: 191 @424 has 4 MA's), (213, 448), (239, 472), (Start: 318 @583 has 1 MA's), (Start: 336 @610 has 12 MA's), (405, 673), (419, 703), (424, 712), (434, 730), (513, 841), (540, 874), (586, 955), (607, 1003), (657, 1084), (776, 1219), (794, 1246), (827, 1297), (860, 1330), (1021, 1513), (1121, 1606), (1154, 1645), (1156, 1651), (1174, 1660), (1206, 1699), (1299, 1783), (1317, 1798), (1364, 1858), (1387, 1888),

Gene: Eyre_2 Start: 528, Stop: 2045, Start Num: 231
Candidate Starts for Eyre_2:
(221, 516), (Start: 231 @528 has 1 MA's), (292, 600), (Start: 301 @609 has 2 MA's), (388, 696), (412, 735), (419, 750), (539, 939), (618, 1080), (659, 1143), (704, 1200), (747, 1272), (789, 1329), (808, 1359), (852, 1416), (940, 1500), (962, 1539), (975, 1572), (981, 1581), (987, 1590), (1043, 1644), (1050, 1653), (1078, 1680), (1152, 1761), (1187, 1797), (1278, 1881), (1349, 1962), (1353, 1968),

Gene: Ezurina_3 Start: 865, Stop: 2403, Start Num: 211
Candidate Starts for Ezurina_3:
(Start: 211 @865 has 13 MA's), (259, 910), (405, 1069), (458, 1132), (495, 1219), (611, 1459), (618, 1471), (650, 1528), (750, 1687), (808, 1774), (850, 1828), (926, 1903), (1228, 2206),

Gene: FF47_05 Start: 1775, Stop: 3439, Start Num: 170
Candidate Starts for FF47_05:
(Start: 170 @1775 has 103 MA's), (222, 1814), (241, 1838), (362, 1967), (479, 2099), (485, 2114), (490, 2129), (513, 2174), (543, 2222), (569, 2258), (594, 2315), (603, 2339), (625, 2375), (748, 2573), (760, 2588), (780, 2627), (874, 2774), (983, 2894), (1088, 2999), (1165, 3107), (1188, 3137), (1214, 3164), (1226, 3176), (1269, 3212), (1270, 3215), (1346, 3308), (1387, 3365),

Gene: Fairfaxidum_2 Start: 378, Stop: 1928, Start Num: 193
Candidate Starts for Fairfaxidum_2:

(Start: 119 @333 has 2 MA's), (Start: 167 @354 has 9 MA's), (Start: 175 @363 has 2 MA's), (Start: 193 @378 has 21 MA's), (255, 441), (289, 477), (Start: 306 @504 has 2 MA's), (Start: 318 @519 has 1 MA's), (342, 552), (384, 573), (399, 594), (419, 633), (431, 657), (465, 693), (487, 741), (513, 783), (520, 795), (593, 900), (661, 1020), (745, 1113), (767, 1146), (778, 1164), (919, 1320), (946, 1341), (956, 1359), (1002, 1431), (1060, 1479), (1078, 1497), (1107, 1518), (1112, 1527), (1113, 1530), (1146, 1560), (1187, 1614), (1278, 1701), (1317, 1743), (1358, 1794), (1463, 1911), (1464, 1917),

Gene: Faith1_4 Start: 1069, Stop: 2637, Start Num: 138
Candidate Starts for Faith1_4:
(Start: 138 @1069 has 120 MA's), (Start: 142 @1075 has 6 MA's), (Start: 284 @1231 has 1 MA's), (512, 1528), (515, 1534), (556, 1594), (591, 1666), (594, 1672), (602, 1693), (675, 1792), (710, 1840), (762, 1894), (776, 1918), (807, 1963), (809, 1969), (827, 1999), (832, 2005), (855, 2032), (863, 2041), (942, 2098), (946, 2104), (959, 2125), (962, 2131), (1020, 2206), (1023, 2209), (1060, 2245), (1116, 2290), (1172, 2356), (1234, 2431), (1266, 2449), (1278, 2458), (1420, 2605), (1448, 2629), (1450, 2632),

Gene: Faith5x5_2 Start: 473, Stop: 1936, Start Num: 284
Candidate Starts for Faith5x5_2:
(Start: 225 @422 has 84 MA's), (Start: 230 @428 has 31 MA's), (Start: 238 @437 has 22 MA's), (Start: 284 @473 has 1 MA's), (Start: 299 @497 has 5 MA's), (316, 524), (Start: 322 @536 has 1 MA's), (331, 548), (356, 590), (371, 611), (Start: 397 @650 has 4 MA's), (399, 653), (430, 713), (451, 734), (463, 740), (465, 743), (487, 791), (490, 800), (491, 803), (568, 911), (583, 947), (594, 968), (604, 995), (611, 1013), (613, 1016), (637, 1058), (641, 1067), (744, 1154), (748, 1160), (784, 1205), (813, 1256), (820, 1265), (822, 1268), (848, 1307), (851, 1310), (877, 1340), (947, 1391), (959, 1412), (962, 1418), (1002, 1475), (1018, 1490), (1023, 1493), (1072, 1526), (1126, 1592), (1129, 1595), (1174, 1658), (1201, 1688), (1232, 1727), (1235, 1730), (1262, 1754), (1276, 1766), (1278, 1769), (1339, 1835), (1345, 1844), (1348, 1847), (1353, 1853), (1375, 1877), (1425, 1922), (1428, 1925),

Gene: Faiyaz_9 Start: 4674, Stop: 6299, Start Num: 155
Candidate Starts for Faiyaz_9:
(82, 4593), (93, 4611), (Start: 133 @4650 has 3 MA's), (Start: 142 @4662 has 6 MA's), (149, 4668), (Start: 155 @4674 has 202 MA's), (160, 4680), (Start: 303 @4848 has 2 MA's), (310, 4860), (Start: 317 @4872 has 15 MA's), (431, 5016), (484, 5112), (487, 5121), (532, 5199), (535, 5205), (584, 5262), (593, 5277), (631, 5367), (648, 5400), (650, 5403), (753, 5475), (790, 5532), (824, 5580), (840, 5601), (847, 5613), (858, 5625), (877, 5649), (899, 5673), (903, 5679), (954, 5736), (964, 5754), (1046, 5856), (1083, 5898), (1127, 5961), (1134, 5970), (1137, 5976), (1233, 6090), (1275, 6102), (1294, 6120), (1327, 6162), (1362, 6204), (1374, 6219),

Gene: Fajezeel_13 Start: 7320, Stop: 9008, Start Num: 110
Candidate Starts for Fajezeel_13:
(Start: 110 @7320 has 24 MA's), (302, 7491), (Start: 309 @7500 has 15 MA's), (381, 7584), (Start: 403 @7611 has 1 MA's), (408, 7620), (513, 7770), (535, 7803), (581, 7878), (620, 7968), (631, 7992), (647, 8019), (679, 8067), (774, 8223), (809, 8283), (1009, 8517), (1080, 8571), (1100, 8592), (1117, 8619), (1193, 8727), (1279, 8817), (1365, 8922),

Gene: Fameo_12 Start: 7454, Stop: 9241, Start Num: 103
Candidate Starts for Fameo_12:
(Start: 103 @7454 has 236 MA's), (Start: 217 @7562 has 1 MA's), (234, 7583), (298, 7691), (424, 7853), (513, 7976), (581, 8084), (620, 8174), (631, 8198), (704, 8315), (722, 8330), (916, 8630), (1088, 8816), (1113, 8843), (1129, 8864), (1193, 8960), (1405, 9197), (1433, 9224), (1435, 9227),

Gene: Familton_31 Start: 13080, Stop: 14594, Start Num: 181
Candidate Starts for Familton_31:

(Start: 181 @13080 has 17 MA's), (Start: 184 @13083 has 14 MA's), (Start: 322 @13263 has 1 MA's), (381, 13356), (424, 13431), (451, 13464), (474, 13491), (487, 13521), (591, 13674), (594, 13680), (607, 13716), (611, 13725), (675, 13806), (679, 13815), (680, 13818), (744, 13857), (788, 13914), (809, 13950), (810, 13953), (957, 14109), (962, 14118), (1025, 14187), (1042, 14196), (1046, 14202), (1080, 14235), (1112, 14271), (1187, 14358), (1203, 14379), (1277, 14442), (1283, 14445), (1286, 14448), (1299, 14466), (1317, 14487), (1353, 14529), (1386, 14565), (1415, 14577),

Gene: Fancypants_2 Start: 653, Stop: 2209, Start Num: 247
Candidate Starts for Fancypants_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 217 @629 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (454, 905), (473, 917), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (717, 1346), (740, 1397), (862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1239, 1964), (1250, 1979), (1265, 2006), (1297, 2039), (1320, 2066), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: Farber_13 Start: 6950, Stop: 8650, Start Num: 105
Candidate Starts for Farber_13:
(Start: 105 @6950 has 85 MA's), (Start: 145 @6998 has 1 MA's), (302, 7133), (467, 7325), (513, 7412), (620, 7610), (675, 7700), (718, 7763), (809, 7925), (983, 8123), (999, 8147), (1001, 8150), (1080, 8213), (1100, 8234), (1129, 8273), (1193, 8369), (1241, 8423), (1279, 8459), (1405, 8606), (1435, 8636), (1438, 8639),

Gene: Farewell_2 Start: 506, Stop: 2287, Start Num: 85
Candidate Starts for Farewell_2:
(Start: 85 @506 has 2 MA's), (Start: 175 @611 has 2 MA's), (402, 830), (408, 842), (424, 869), (485, 935), (487, 941), (488, 944), (502, 974), (513, 995), (551, 1052), (602, 1154), (623, 1190), (645, 1238), (686, 1298), (738, 1388), (759, 1418), (812, 1472), (866, 1550), (983, 1658), (997, 1679), (1006, 1691), (1021, 1709), (1102, 1808), (1139, 1862), (1145, 1877), (1165, 1919), (1193, 1967), (1211, 1991), (1240, 2027), (1281, 2096), (1287, 2102), (1292, 2108), (1340, 2159), (1365, 2195), (1370, 2201), (1381, 2216), (1402, 2234), (1421, 2249),

Gene: FarmResident_4 Start: 810, Stop: 2372, Start Num: 138
Candidate Starts for FarmResident_4:
(Start: 138 @810 has 120 MA's), (Start: 142 @816 has 6 MA's), (Start: 284 @966 has 1 MA's), (Start: 333 @1032 has 4 MA's), (357, 1062), (396, 1086), (407, 1101), (426, 1143), (515, 1269), (594, 1407), (611, 1452), (675, 1527), (710, 1575), (776, 1653), (791, 1674), (807, 1698), (809, 1704), (827, 1734), (832, 1740), (863, 1776), (942, 1833), (962, 1866), (1050, 1971), (1060, 1980), (1104, 2004), (1116, 2025), (1172, 2091), (1278, 2193), (1394, 2313), (1400, 2319), (1420, 2340), (1448, 2364),

Gene: Fascinus_10 Start: 6746, Stop: 8434, Start Num: 102
Candidate Starts for Fascinus_10:
(Start: 102 @6746 has 400 MA's), (Start: 309 @6926 has 15 MA's), (381, 7010), (408, 7046), (424, 7073), (513, 7196), (581, 7304), (620, 7394), (631, 7418), (679, 7493), (728, 7562), (774, 7649), (809, 7709), (1001, 7934), (1009, 7943), (1021, 7955), (1080, 7997), (1100, 8018), (1117, 8045), (1193, 8153), (1279, 8243), (1365, 8348),

Gene: Fastidio_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Fastidio_2:

(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: FatCactus_10 Start: 5592, Stop: 7292, Start Num: 108
Candidate Starts for FatCactus_10:
(Start: 108 @5592 has 1 MA's), (Start: 251 @5733 has 3 MA's), (302, 5772), (490, 6006), (513, 6051), (562, 6123), (575, 6141), (581, 6162), (610, 6234), (620, 6252), (693, 6375), (718, 6405), (770, 6501), (848, 6627), (981, 6765), (999, 6792), (1129, 6915), (1163, 6969), (1193, 7011), (1219, 7038), (1241, 7065), (1405, 7248), (1438, 7281),

Gene: Fayely_13 Start: 8142, Stop: 9929, Start Num: 103
Candidate Starts for Fayely_13:
(Start: 103 @8142 has 236 MA's), (Start: 117 @8157 has 10 MA's), (Start: 121 @8163 has 5 MA's), (241, 8274), (298, 8373), (424, 8535), (487, 8607), (513, 8661), (538, 8700), (581, 8772), (620, 8862), (631, 8886), (704, 9003), (722, 9018), (778, 9126), (823, 9201), (848, 9237), (898, 9297), (992, 9417), (1006, 9438), (1064, 9477), (1113, 9531), (1115, 9534), (1129, 9552), (1163, 9606), (1182, 9636), (1193, 9648), (1279, 9738), (1295, 9756), (1405, 9885), (1433, 9912), (1435, 9915),

Gene: Fazel_14 Start: 9208, Stop: 10953, Start Num: 307
Candidate Starts for Fazel_14:
(Start: 307 @9208 has 198 MA's), (310, 9214), (363, 9301), (367, 9307), (387, 9343), (417, 9397), (435, 9430), (493, 9556), (556, 9682), (570, 9700), (572, 9703), (599, 9772), (644, 9874), (680, 9931), (750, 10060), (805, 10159), (808, 10165), (823, 10195), (841, 10222), (892, 10288), (1022, 10447), (1052, 10480), (1053, 10483), (1088, 10525), (1111, 10549), (1120, 10570), (1123, 10573), (1290, 10801), (1299, 10813), (1315, 10831), (1370, 10903), (1372, 10906),

Gene: Feastonyeet_3 Start: 928, Stop: 2604, Start Num: 170
Candidate Starts for Feastonyeet_3:
(Start: 170 @928 has 103 MA's), (Start: 232 @979 has 1 MA's), (Start: 249 @1000 has 1 MA's), (304, 1045), (Start: 330 @1087 has 14 MA's), (362, 1123), (415, 1189), (490, 1285), (509, 1321), (513, 1330), (515, 1333), (543, 1381), (550, 1393), (595, 1480), (701, 1660), (735, 1714), (842, 1894), (866, 1927), (954, 1993), (987, 2059), (992, 2065), (1080, 2149), (1146, 2230), (1163, 2263), (1219, 2332), (1292, 2410), (1332, 2452), (1374, 2509), (1394, 2530), (1400, 2536), (1454, 2590), (1456, 2593),

Gene: Fefferhead_7 Start: 1383, Stop: 2807, Start Num: 247
Candidate Starts for Fefferhead_7:
(156, 1299), (Start: 230 @1371 has 31 MA's), (Start: 247 @1383 has 171 MA's), (Start: 322 @1470 has 1 MA's), (Start: 336 @1494 has 12 MA's), (391, 1578), (402, 1587), (425, 1635), (444, 1653), (463, 1671), (487, 1722), (532, 1797), (533, 1800), (607, 1917), (611, 1926), (613, 1929), (636, 1959), (675, 2007), (792, 2121), (820, 2169), (827, 2181), (851, 2211), (870, 2235), (882, 2250), (893, 2262), (962, 2331), (993, 2373), (1042, 2403), (1112, 2475), (1146, 2508), (1150, 2517), (1187, 2562), (1425, 2796), (1431, 2802),

Gene: FeliMaine_37 Start: 11121, Stop: 12863, Start Num: 170
Candidate Starts for FeliMaine_37:

(Start: 170 @11121 has 103 MA's), (302, 11238), (Start: 330 @11283 has 14 MA's), (369, 11349), (374, 11364), (402, 11397), (Start: 403 @11400 has 1 MA's), (411, 11415), (425, 11439), (426, 11442), (467, 11472), (479, 11493), (485, 11511), (488, 11520), (505, 11556), (513, 11571), (543, 11616), (575, 11658), (590, 11697), (595, 11709), (603, 11730), (632, 11781), (647, 11802), (798, 12024), (866, 12129), (874, 12138), (930, 12171), (954, 12192), (956, 12195), (969, 12222), (983, 12252), (992, 12264), (1001, 12279), (1009, 12288), (1015, 12294), (1062, 12336), (1074, 12345), (1084, 12360), (1100, 12375), (1146, 12435), (1163, 12474), (1185, 12507), (1214, 12537), (1217, 12540), (1265, 12624), (1292, 12678), (1304, 12693), (1332, 12720), (1372, 12774), (1451, 12846), (1453, 12849),

Gene: Fenry_2 Start: 361, Stop: 1929, Start Num: 173
Candidate Starts for Fenry_2:
(65, 256), (Start: 121 @337 has 5 MA's), (Start: 173 @361 has 36 MA's), (259, 445), (289, 478), (Start: 318 @520 has 1 MA's), (Start: 333 @538 has 4 MA's), (342, 553), (384, 574), (399, 595), (419, 634), (465, 694), (483, 730), (487, 742), (515, 787), (520, 796), (539, 823), (593, 901), (648, 1006), (661, 1021), (675, 1036), (745, 1114), (778, 1165), (919, 1321), (956, 1360), (973, 1399), (1002, 1432), (1015, 1444), (1071, 1489), (1074, 1492), (1078, 1498), (1107, 1519), (1112, 1528), (1113, 1531), (1146, 1561), (1157, 1585), (1174, 1600), (1263, 1690), (1278, 1702), (1317, 1744), (1326, 1759), (1346, 1780), (1358, 1795), (1371, 1810), (1449, 1891), (1459, 1903), (1463, 1912),

Gene: Fernando_13 Start: 6955, Stop: 8655, Start Num: 105
Candidate Starts for Fernando_13:
(Start: 105 @6955 has 85 MA's), (Start: 145 @7003 has 1 MA's), (302, 7138), (467, 7330), (513, 7417), (537, 7453), (620, 7615), (675, 7705), (718, 7768), (809, 7930), (983, 8128), (999, 8152), (1001, 8155), (1080, 8218), (1100, 8239), (1129, 8278), (1193, 8374), (1241, 8428), (1279, 8464), (1405, 8611), (1435, 8641), (1438, 8644),

Gene: Feyre_6 Start: 1325, Stop: 2752, Start Num: 262
Candidate Starts for Feyre_6:
(Start: 262 @1325 has 67 MA's), (310, 1382), (Start: 322 @1403 has 1 MA's), (Start: 336 @1427 has 12 MA's), (391, 1511), (402, 1520), (405, 1526), (425, 1568), (444, 1586), (463, 1604), (487, 1655), (492, 1670), (532, 1730), (591, 1808), (607, 1850), (611, 1859), (613, 1862), (675, 1940), (792, 2054), (820, 2102), (851, 2144), (870, 2168), (880, 2180), (903, 2207), (956, 2252), (962, 2264), (1107, 2411), (1142, 2450), (1187, 2507), (1208, 2531), (1235, 2555), (1263, 2579), (1348, 2678), (1353, 2684), (1425, 2741),

Gene: Fibonacci_12 Start: 8027, Stop: 9790, Start Num: 103
Candidate Starts for Fibonacci_12:
(Start: 103 @8027 has 236 MA's), (Start: 121 @8048 has 5 MA's), (Start: 217 @8135 has 1 MA's), (298, 8264), (314, 8288), (362, 8351), (487, 8495), (512, 8546), (513, 8549), (581, 8660), (593, 8684), (594, 8687), (620, 8750), (623, 8759), (631, 8774), (704, 8891), (722, 8906), (751, 8966), (803, 9050), (923, 9191), (992, 9278), (999, 9290), (1064, 9338), (1080, 9353), (1113, 9392), (1129, 9413), (1155, 9452), (1182, 9497), (1193, 9509), (1405, 9746), (1433, 9773),

Gene: FidgetOrca_8 Start: 3146, Stop: 4891, Start Num: 307
Candidate Starts for FidgetOrca_8:
(Start: 307 @3146 has 198 MA's), (342, 3200), (345, 3203), (363, 3239), (367, 3245), (488, 3479), (535, 3578), (556, 3620), (572, 3641), (589, 3683), (594, 3695), (637, 3794), (644, 3812), (666, 3848), (727, 3944), (791, 4073), (805, 4097), (808, 4103), (892, 4226), (950, 4295), (1050, 4412), (1052, 4418), (1071, 4439), (1120, 4508), (1123, 4511), (1156, 4562), (1223, 4649), (1273, 4715), (1290, 4739), (1299, 4751), (1315, 4769), (1370, 4841), (1372, 4844),

Gene: Figliar_17 Start: 10511, Stop: 12256, Start Num: 307

Candidate Starts for Figliar_17:
(Start: 307 @10511 has 198 MA's), (310, 10517), (363, 10604), (367, 10610), (387, 10646), (417, 10700), (502, 10877), (556, 10985), (572, 11006), (589, 11048), (599, 11075), (644, 11177), (680, 11234), (709, 11291), (722, 11303), (750, 11363), (805, 11462), (808, 11468), (841, 11525), (892, 11591), (1053, 11786), (1111, 11852), (1120, 11873), (1123, 11876), (1249, 12056), (1288, 12101), (1290, 12104), (1299, 12116), (1370, 12206), (1372, 12209),

Gene: Filch_9 Start: 2274, Stop: 3944, Start Num: 394
Candidate Starts for Filch_9:
(Start: 394 @2274 has 48 MA's), (427, 2337), (551, 2571), (598, 2673), (693, 2853), (710, 2877), (724, 2895), (732, 2907), (768, 2970), (776, 2982), (808, 3027), (815, 3042), (873, 3120), (911, 3165), (934, 3219), (935, 3225), (1000, 3339), (1104, 3483), (1124, 3519), (1218, 3672), (1232, 3684), (1279, 3741), (1307, 3777), (1346, 3828), (1372, 3864), (1374, 3867), (1438, 3933),

Gene: Filuzino_2 Start: 588, Stop: 2225, Start Num: 155
Candidate Starts for Filuzino_2:
(Start: 155 @588 has 202 MA's), (168, 603), (Start: 176 @612 has 3 MA's), (182, 618), (Start: 217 @645 has 1 MA's), (Start: 247 @669 has 171 MA's), (Start: 250 @672 has 144 MA's), (Start: 318 @735 has 1 MA's), (Start: 330 @753 has 14 MA's), (353, 774), (412, 861), (414, 867), (454, 921), (473, 933), (484, 945), (487, 954), (488, 957), (496, 978), (508, 999), (516, 1014), (548, 1071), (575, 1110), (602, 1179), (604, 1185), (621, 1215), (622, 1218), (627, 1227), (635, 1242), (647, 1260), (680, 1311), (740, 1413), (862, 1584), (874, 1596), (920, 1614), (983, 1680), (1005, 1710), (1007, 1713), (1010, 1716), (1080, 1773), (1097, 1788), (1101, 1794), (1104, 1797), (1113, 1812), (1117, 1821), (1164, 1890), (1190, 1920), (1196, 1929), (1225, 1962), (1250, 1995), (1265, 2022), (1297, 2055), (1320, 2082), (1325, 2085), (1349, 2106), (1365, 2130), (1372, 2139), (1374, 2142), (1429, 2199),

Gene: Finalfrontier_4 Start: 1182, Stop: 2810, Start Num: 225
Candidate Starts for Finalfrontier_4:
(Start: 225 @1182 has 84 MA's), (339, 1338), (431, 1446), (490, 1530), (503, 1554), (518, 1572), (569, 1629), (594, 1680), (595, 1683), (598, 1692), (620, 1743), (628, 1761), (643, 1791), (662, 1821), (1003, 2277), (1020, 2292), (1328, 2643), (1464, 2799),

Gene: Findley_4 Start: 652, Stop: 2076, Start Num: 247
Candidate Starts for Findley_4:
(156, 574), (Start: 165 @586 has 76 MA's), (Start: 176 @595 has 3 MA's), (Start: 247 @652 has 171 MA's), (310, 712), (Start: 322 @733 has 1 MA's), (Start: 336 @754 has 12 MA's), (391, 838), (402, 847), (425, 895), (463, 931), (487, 982), (514, 1024), (517, 1030), (532, 1057), (607, 1177), (611, 1186), (613, 1189), (675, 1267), (679, 1276), (792, 1381), (820, 1429), (827, 1441), (851, 1471), (870, 1495), (882, 1510), (962, 1588), (992, 1630), (1042, 1660), (1071, 1687), (1111, 1729), (1129, 1744), (1160, 1795), (1187, 1819), (1235, 1867), (1348, 1990), (1425, 2065),

Gene: Finemlucis_4 Start: 1069, Stop: 2637, Start Num: 138
Candidate Starts for Finemlucis_4:
(Start: 138 @1069 has 120 MA's), (Start: 142 @1075 has 6 MA's), (Start: 284 @1231 has 1 MA's), (512, 1528), (515, 1534), (556, 1594), (591, 1666), (594, 1672), (675, 1792), (710, 1840), (762, 1894), (776, 1918), (807, 1963), (809, 1969), (827, 1999), (832, 2005), (855, 2032), (863, 2041), (942, 2098), (946, 2104), (959, 2125), (962, 2131), (1020, 2206), (1023, 2209), (1060, 2245), (1116, 2290), (1172, 2356), (1234, 2431), (1266, 2449), (1278, 2458), (1420, 2605), (1448, 2629), (1450, 2632),

Gene: Fingolfin_2 Start: 371, Stop: 1993, Start Num: 193
Candidate Starts for Fingolfin_2:
(Start: 171 @350 has 16 MA's), (Start: 193 @371 has 21 MA's), (Start: 397 @602 has 4 MA's), (399, 605), (405, 614), (422, 650), (431, 668), (488, 746), (569, 851), (620, 965), (631, 989), (650, 1025),

(665, 1046), (677, 1061), (713, 1121), (774, 1205), (954, 1421), (961, 1433), (975, 1460), (1003, 1499), (1009, 1505), (1048, 1544), (1080, 1571), (1096, 1583), (1117, 1616), (1126, 1628), (1148, 1655), (1151, 1661), (1364, 1901), (1369, 1907), (1385, 1928), (1403, 1949), (1447, 1979), (1449, 1982), (1451, 1985),

Gene: Finkle_2 Start: 383, Stop: 2002, Start Num: 104
Candidate Starts for Finkle_2:
(Start: 104 @383 has 1 MA's), (Start: 110 @389 has 24 MA's), (Start: 318 @605 has 1 MA's), (342, 638), (425, 731), (568, 920), (593, 974), (607, 1013), (620, 1037), (723, 1172), (745, 1187), (808, 1280), (919, 1394), (956, 1433), (1023, 1523), (1084, 1580), (1224, 1733), (1317, 1814), (1462, 1982),

Gene: Finnry_5 Start: 1187, Stop: 2752, Start Num: 138
Candidate Starts for Finnry_5:
(Start: 138 @1187 has 120 MA's), (Start: 142 @1193 has 6 MA's), (293, 1364), (396, 1469), (405, 1481), (506, 1637), (512, 1646), (513, 1649), (515, 1652), (566, 1727), (591, 1781), (593, 1784), (594, 1787), (766, 2018), (813, 2093), (827, 2114), (832, 2120), (900, 2189), (942, 2213), (954, 2231), (962, 2246), (1060, 2360), (1113, 2399), (1116, 2405), (1172, 2471), (1263, 2561), (1278, 2573), (1329, 2612), (1400, 2699), (1448, 2744), (1450, 2747),

Gene: Fionnbharth_9 Start: 2465, Stop: 3910, Start Num: 247
Candidate Starts for Fionnbharth_9:
(Start: 247 @2465 has 171 MA's), (Start: 336 @2570 has 12 MA's), (391, 2654), (402, 2663), (425, 2711), (434, 2726), (463, 2753), (487, 2804), (493, 2822), (517, 2852), (532, 2879), (591, 2957), (607, 2999), (611, 3008), (613, 3011), (675, 3089), (679, 3098), (742, 3137), (792, 3203), (820, 3251), (851, 3293), (962, 3410), (992, 3452), (1042, 3497), (1111, 3566), (1150, 3611), (1160, 3632), (1187, 3656), (1353, 3833), (1425, 3899), (1431, 3905),

Gene: FirePit_2 Start: 424, Stop: 1926, Start Num: 191
Candidate Starts for FirePit_2:
(Start: 136 @361 has 1 MA's), (Start: 179 @412 has 1 MA's), (Start: 191 @424 has 4 MA's), (213, 448), (239, 472), (Start: 318 @583 has 1 MA's), (Start: 336 @610 has 12 MA's), (405, 673), (419, 703), (424, 712), (434, 730), (513, 841), (540, 874), (586, 955), (607, 1003), (657, 1084), (776, 1219), (794, 1246), (827, 1297), (860, 1330), (1021, 1513), (1121, 1606), (1154, 1645), (1156, 1651), (1174, 1660), (1206, 1699), (1299, 1783), (1317, 1798), (1364, 1858), (1387, 1888),

Gene: Firecracker_31 Start: 13153, Stop: 14664, Start Num: 184
Candidate Starts for Firecracker_31:
(Start: 181 @13150 has 17 MA's), (Start: 184 @13153 has 14 MA's), (Start: 322 @13333 has 1 MA's), (381, 13426), (424, 13501), (451, 13534), (474, 13561), (487, 13591), (591, 13744), (594, 13750), (607, 13786), (611, 13795), (675, 13876), (679, 13885), (680, 13888), (744, 13927), (788, 13984), (809, 14020), (810, 14023), (957, 14179), (962, 14188), (1025, 14257), (1042, 14266), (1046, 14272), (1080, 14305), (1112, 14341), (1187, 14428), (1203, 14449), (1277, 14512), (1283, 14515), (1286, 14518), (1299, 14536), (1317, 14557), (1353, 14599), (1380, 14632), (1386, 14635), (1415, 14647),

Gene: Firehouse51_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Firehouse51_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190,

1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: FiringLine_12 Start: 7386, Stop: 9173, Start Num: 103
Candidate Starts for FiringLine_12:
(Start: 103 @7386 has 236 MA's), (Start: 217 @7494 has 1 MA's), (234, 7515), (298, 7623), (424, 7785), (512, 7905), (513, 7908), (581, 8016), (620, 8106), (631, 8130), (704, 8247), (722, 8262), (916, 8562), (1088, 8748), (1113, 8775), (1129, 8796), (1193, 8892), (1405, 9129), (1433, 9156), (1435, 9159),

Gene: First_0012 Start: 7443, Stop: 9233, Start Num: 103
Candidate Starts for First_0012:
(27, 7269), (Start: 103 @7443 has 236 MA's), (Start: 217 @7551 has 1 MA's), (234, 7572), (298, 7680), (512, 7965), (513, 7968), (581, 8076), (620, 8166), (631, 8190), (704, 8307), (722, 8322), (916, 8622), (1088, 8808), (1113, 8835), (1129, 8856), (1193, 8952), (1405, 9189), (1433, 9216), (1435, 9219),

Gene: FirstPlacePfu_2 Start: 413, Stop: 2089, Start Num: 138
Candidate Starts for FirstPlacePfu_2:
(Start: 138 @413 has 120 MA's), (Start: 318 @629 has 1 MA's), (349, 668), (380, 725), (384, 731), (396, 749), (421, 794), (426, 806), (431, 815), (444, 821), (483, 878), (490, 899), (495, 911), (558, 1001), (659, 1190), (745, 1286), (766, 1316), (778, 1337), (919, 1490), (1107, 1688), (1112, 1697), (1139, 1724), (1172, 1766), (1187, 1784), (1278, 1868), (1290, 1883), (1463, 2072),

Gene: Fishburne_2 Start: 413, Stop: 2089, Start Num: 138
Candidate Starts for Fishburne_2:
(Start: 138 @413 has 120 MA's), (Start: 318 @629 has 1 MA's), (349, 668), (380, 725), (384, 731), (396, 749), (421, 794), (426, 806), (431, 815), (444, 821), (483, 878), (490, 899), (495, 911), (558, 1001), (659, 1190), (745, 1286), (766, 1316), (778, 1337), (919, 1490), (1107, 1688), (1112, 1697), (1139, 1724), (1172, 1766), (1187, 1784), (1278, 1868), (1290, 1883), (1463, 2072),

Gene: FiveHead_2 Start: 553, Stop: 2268, Start Num: 95
Candidate Starts for FiveHead_2:
(Start: 95 @553 has 98 MA's), (Start: 232 @652 has 1 MA's), (477, 925), (504, 976), (513, 994), (546, 1042), (552, 1054), (595, 1135), (693, 1309), (746, 1396), (851, 1522), (1001, 1711), (1088, 1795), (1193, 1939), (1209, 1954), (1292, 2083), (1381, 2191), (1442, 2254),

Gene: FlagStaff_2 Start: 359, Stop: 1903, Start Num: 161
Candidate Starts for FlagStaff_2:
(Start: 161 @359 has 29 MA's), (399, 632), (425, 683), (463, 719), (490, 779), (499, 800), (594, 932), (607, 968), (618, 989), (640, 1019), (675, 1058), (679, 1067), (820, 1220), (882, 1298), (949, 1364), (962, 1391), (1074, 1490), (1160, 1604), (1187, 1628), (1205, 1649), (1263, 1700), (1280, 1715), (1353, 1808), (1425, 1892), (1431, 1898),

Gene: FlameThrower_3 Start: 871, Stop: 2436, Start Num: 225
Candidate Starts for FlameThrower_3:
(Start: 225 @871 has 84 MA's), (339, 1027), (431, 1135), (488, 1213), (491, 1222), (512, 1249), (569, 1318), (594, 1369), (620, 1432), (662, 1510), (865, 1783), (973, 1921), (1087, 2050), (1100, 2053), (1378, 2353), (1403, 2383), (1457, 2428),

Gene: Flapper_28 Start: 13656, Stop: 15332, Start Num: 155
Candidate Starts for Flapper_28:
(Start: 155 @13656 has 202 MA's), (Start: 317 @13806 has 15 MA's), (353, 13863), (372, 13890), (379, 13902), (Start: 403 @13932 has 1 MA's), (487, 14052), (621, 14316), (635, 14343), (740, 14511),

(748, 14523), (768, 14556), (824, 14634), (917, 14715), (983, 14784), (1010, 14820), (1034, 14850), (1104, 14931), (1113, 14946), (1155, 15006), (1196, 15054), (1365, 15240), (1387, 15270), (1426, 15303),

Gene: Flare16_12 Start: 7484, Stop: 9271, Start Num: 103
Candidate Starts for Flare16_12:
(23, 7298), (50, 7400), (Start: 103 @7484 has 236 MA's), (Start: 217 @7592 has 1 MA's), (234, 7613), (298, 7721), (513, 8006), (581, 8114), (620, 8204), (631, 8228), (704, 8345), (722, 8360), (983, 8747), (1113, 8873), (1129, 8894), (1182, 8978), (1193, 8990), (1405, 9227), (1433, 9254), (1435, 9257), (1438, 9260), (1440, 9263),

Gene: Flashwig_2 Start: 351, Stop: 1808, Start Num: 185
Candidate Starts for Flashwig_2:
(Start: 185 @351 has 14 MA's), (194, 360), (199, 366), (446, 633), (487, 699), (493, 717), (583, 849), (586, 855), (607, 903), (647, 966), (780, 1119), (804, 1155), (826, 1191), (878, 1239), (922, 1287), (971, 1350), (975, 1359), (1078, 1461), (1132, 1518), (1184, 1569), (1195, 1581), (1263, 1644), (1286, 1662), (1364, 1755), (1371, 1764), (1397, 1797),

Gene: Flaverint_12 Start: 8024, Stop: 9787, Start Num: 103
Candidate Starts for Flaverint_12:
(42, 7904), (Start: 103 @8024 has 236 MA's), (Start: 121 @8045 has 5 MA's), (Start: 217 @8132 has 1 MA's), (298, 8261), (314, 8285), (362, 8348), (487, 8492), (512, 8543), (513, 8546), (581, 8657), (593, 8681), (594, 8684), (620, 8747), (623, 8756), (631, 8771), (704, 8888), (722, 8903), (751, 8963), (803, 9047), (992, 9275), (999, 9287), (1064, 9335), (1080, 9350), (1113, 9389), (1129, 9410), (1155, 9449), (1182, 9494), (1193, 9506), (1405, 9743), (1433, 9770),

Gene: Float294_26 Start: 13266, Stop: 14945, Start Num: 155
Candidate Starts for Float294_26:
(Start: 155 @13266 has 202 MA's), (Start: 317 @13416 has 15 MA's), (353, 13473), (372, 13500), (379, 13512), (408, 13551), (424, 13584), (621, 13926), (635, 13953), (740, 14121), (748, 14133), (768, 14166), (824, 14244), (953, 14346), (1034, 14460), (1104, 14541), (1113, 14556), (1146, 14598), (1196, 14664), (1203, 14676), (1237, 14712), (1258, 14739), (1320, 14808), (1325, 14811), (1387, 14880),

Gene: Floof_2 Start: 634, Stop: 2388, Start Num: 122
Candidate Starts for Floof_2:
(Start: 122 @634 has 14 MA's), (320, 820), (477, 1000), (504, 1051), (513, 1069), (595, 1219), (675, 1351), (798, 1558), (987, 1810), (1064, 1888), (1080, 1903), (1146, 1984), (1193, 2059), (1209, 2074), (1355, 2278), (1372, 2299), (1381, 2311),

Gene: Floral_2 Start: 485, Stop: 2284, Start Num: 87
Candidate Starts for Floral_2:
(Start: 87 @485 has 22 MA's), (Start: 207 @623 has 6 MA's), (229, 650), (354, 782), (362, 797), (430, 881), (469, 911), (477, 923), (485, 932), (502, 971), (513, 992), (552, 1052), (573, 1076), (602, 1148), (623, 1184), (642, 1220), (696, 1310), (711, 1331), (732, 1376), (735, 1382), (746, 1400), (759, 1415), (927, 1589), (956, 1616), (1001, 1685), (1006, 1691), (1080, 1757), (1088, 1769), (1102, 1796), (1165, 1907), (1182, 1943), (1193, 1955), (1197, 1961), (1211, 1979), (1234, 2006), (1249, 2030), (1287, 2093), (1325, 2135), (1370, 2192), (1381, 2207), (1399, 2222), (1445, 2270), (1448, 2273),

Gene: Florean_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Florean_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472),

(620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Florence1_9 Start: 5976, Stop: 7727, Start Num: 67
Candidate Starts for Florence1_9:
(Start: 54 @5949 has 19 MA's), (Start: 67 @5976 has 32 MA's), (Start: 115 @6045 has 1 MA's), (Start: 237 @6159 has 1 MA's), (241, 6165), (362, 6297), (424, 6372), (425, 6375), (467, 6408), (487, 6441), (551, 6549), (567, 6573), (581, 6606), (620, 6681), (641, 6726), (690, 6804), (693, 6810), (728, 6855), (812, 7008), (825, 7029), (983, 7203), (999, 7227), (1001, 7230), (1080, 7290), (1088, 7302), (1113, 7329), (1129, 7350), (1182, 7434), (1193, 7446), (1281, 7539), (1405, 7683), (1438, 7716), (1443, 7722),

Gene: Florence4_10 Start: 5976, Stop: 7727, Start Num: 67
Candidate Starts for Florence4_10:
(Start: 54 @5949 has 19 MA's), (Start: 67 @5976 has 32 MA's), (Start: 115 @6045 has 1 MA's), (Start: 237 @6159 has 1 MA's), (241, 6165), (362, 6297), (424, 6372), (425, 6375), (467, 6408), (487, 6441), (551, 6549), (567, 6573), (581, 6606), (620, 6681), (641, 6726), (690, 6804), (693, 6810), (728, 6855), (812, 7008), (825, 7029), (983, 7203), (999, 7227), (1001, 7230), (1080, 7290), (1088, 7302), (1113, 7329), (1129, 7350), (1182, 7434), (1193, 7446), (1281, 7539), (1405, 7683), (1438, 7716), (1443, 7722),

Gene: Florinda_2 Start: 584, Stop: 2221, Start Num: 155
Candidate Starts for Florinda_2:
(Start: 155 @584 has 202 MA's), (168, 599), (Start: 176 @608 has 3 MA's), (182, 614), (Start: 217 @641 has 1 MA's), (Start: 247 @665 has 171 MA's), (Start: 250 @668 has 144 MA's), (Start: 318 @731 has 1 MA's), (Start: 330 @749 has 14 MA's), (353, 770), (412, 857), (414, 863), (454, 917), (473, 929), (487, 950), (488, 953), (496, 974), (508, 995), (516, 1010), (548, 1067), (575, 1106), (602, 1175), (604, 1181), (621, 1211), (622, 1214), (627, 1223), (635, 1238), (647, 1256), (680, 1307), (740, 1409), (862, 1580), (874, 1592), (920, 1610), (983, 1676), (1005, 1706), (1007, 1709), (1010, 1712), (1080, 1769), (1097, 1784), (1101, 1790), (1104, 1793), (1113, 1808), (1117, 1817), (1164, 1886), (1190, 1916), (1196, 1925), (1225, 1958), (1244, 1979), (1250, 1991), (1265, 2018), (1290, 2042), (1297, 2051), (1320, 2078), (1325, 2081), (1349, 2102), (1365, 2126), (1372, 2135), (1374, 2138), (1429, 2195),

Gene: Fluke_5 Start: 3123, Stop: 4688, Start Num: 165
Candidate Starts for Fluke_5:
(Start: 165 @3123 has 76 MA's), (Start: 333 @3333 has 4 MA's), (334, 3336), (419, 3429), (431, 3453), (463, 3477), (584, 3693), (593, 3708), (595, 3714), (620, 3774), (770, 3933), (790, 3963), (803, 3978), (852, 4059), (936, 4137), (941, 4146), (961, 4182), (983, 4221), (1009, 4254), (1020, 4263), (1046, 4290), (1105, 4344), (1133, 4386), (1197, 4431), (1212, 4452), (1232, 4476), (1328, 4554), (1451, 4674),

Gene: Flutur_2 Start: 533, Stop: 2239, Start Num: 124
Candidate Starts for Flutur_2:
(Start: 124 @533 has 46 MA's), (486, 905), (513, 962), (546, 1010), (595, 1100), (623, 1154), (693, 1274), (748, 1364), (881, 1526), (983, 1649), (1193, 1904), (1209, 1919), (1250, 1973), (1292, 2054), (1363, 2138), (1381, 2162),

Gene: Flux_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Flux_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472),

(620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: FlyCatcher_15 Start: 8301, Stop: 10001, Start Num: 102
Candidate Starts for FlyCatcher_15:
(Start: 102 @8301 has 400 MA's), (Start: 161 @8364 has 29 MA's), (320, 8508), (350, 8538), (381, 8571), (424, 8634), (513, 8757), (523, 8772), (581, 8865), (593, 8889), (620, 8955), (722, 9111), (774, 9210), (825, 9297), (848, 9330), (914, 9384), (926, 9399), (981, 9468), (983, 9471), (999, 9495), (1088, 9573), (1193, 9717), (1236, 9762), (1295, 9825), (1374, 9924), (1405, 9954), (1435, 9987),

Gene: Football_14 Start: 7212, Stop: 8957, Start Num: 307
Candidate Starts for Football_14:
(Start: 307 @7212 has 198 MA's), (310, 7218), (363, 7305), (367, 7311), (387, 7347), (417, 7401), (467, 7497), (556, 7686), (570, 7704), (572, 7707), (599, 7776), (644, 7878), (666, 7914), (680, 7935), (693, 7959), (728, 8016), (750, 8064), (785, 8130), (805, 8163), (808, 8169), (823, 8199), (837, 8220), (892, 8292), (1053, 8487), (1111, 8553), (1120, 8574), (1123, 8577), (1160, 8637), (1244, 8748), (1274, 8784), (1290, 8805), (1299, 8817), (1334, 8862), (1336, 8865), (1370, 8907), (1372, 8910),

Gene: Footloose_2 Start: 428, Stop: 2197, Start Num: 72
Candidate Starts for Footloose_2:
(44, 362), (46, 371), (Start: 72 @428 has 7 MA's), (Start: 161 @542 has 29 MA's), (Start: 216 @596 has 1 MA's), (Start: 232 @614 has 1 MA's), (243, 629), (Start: 258 @650 has 2 MA's), (Start: 309 @683 has 15 MA's), (Start: 318 @701 has 1 MA's), (Start: 332 @719 has 1 MA's), (362, 755), (363, 758), (467, 866), (485, 893), (490, 908), (492, 914), (504, 935), (513, 953), (575, 1043), (620, 1139), (625, 1151), (639, 1178), (647, 1199), (675, 1238), (711, 1295), (718, 1307), (738, 1346), (756, 1373), (762, 1382), (790, 1403), (808, 1424), (813, 1436), (818, 1445), (925, 1550), (929, 1556), (956, 1580), (992, 1634), (1001, 1649), (1009, 1658), (1015, 1664), (1062, 1703), (1092, 1745), (1106, 1763), (1135, 1808), (1163, 1865), (1185, 1913), (1193, 1922), (1281, 2021), (1292, 2033), (1311, 2057), (1325, 2069), (1365, 2120), (1370, 2126), (1381, 2141), (1399, 2156), (1402, 2159), (1431, 2189),

Gene: ForGetIt_9 Start: 6005, Stop: 7783, Start Num: 54
Candidate Starts for ForGetIt_9:
(Start: 54 @6005 has 19 MA's), (Start: 67 @6032 has 32 MA's), (Start: 115 @6101 has 1 MA's), (147, 6140), (Start: 237 @6215 has 1 MA's), (241, 6221), (362, 6353), (424, 6428), (425, 6431), (523, 6566), (551, 6605), (567, 6629), (620, 6737), (641, 6782), (690, 6860), (693, 6866), (793, 7031), (812, 7064), (825, 7085), (983, 7259), (999, 7283), (1001, 7286), (1080, 7346), (1088, 7358), (1113, 7385), (1129, 7406), (1182, 7490), (1193, 7502), (1405, 7739), (1438, 7772), (1443, 7778),

Gene: Forester_2 Start: 640, Stop: 2394, Start Num: 122
Candidate Starts for Forester_2:
(Start: 122 @640 has 14 MA's), (Start: 143 @664 has 16 MA's), (477, 1006), (504, 1057), (513, 1075), (571, 1168), (595, 1225), (851, 1648), (983, 1810), (987, 1816), (1146, 1990), (1193, 2065), (1209, 2080), (1269, 2161), (1355, 2284), (1372, 2305), (1381, 2317),

Gene: ForesterFrank_13 Start: 8955, Stop: 10742, Start Num: 103
Candidate Starts for ForesterFrank_13:
(Start: 103 @8955 has 236 MA's), (Start: 217 @9063 has 1 MA's), (234, 9084), (298, 9192), (314, 9216), (Start: 330 @9243 has 14 MA's), (362, 9279), (512, 9474), (513, 9477), (538, 9516), (581, 9585), (620, 9675), (631, 9699), (647, 9726), (722, 9831), (983, 10218), (1080, 10305), (1088, 10317), (1113, 10344), (1129, 10365), (1193, 10461), (1405, 10698), (1433, 10725), (1435, 10728), (1438, 10731), (1440, 10734),

Gene: ForeverHowLong_2 Start: 359, Stop: 1891, Start Num: 161
Candidate Starts for ForeverHowLong_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Forge_5 Start: 1855, Stop: 3489, Start Num: 102
Candidate Starts for Forge_5:
(Start: 102 @1855 has 400 MA's), (Start: 153 @1894 has 15 MA's), (Start: 208 @1942 has 5 MA's), (342, 2113), (396, 2152), (512, 2332), (516, 2341), (522, 2350), (566, 2413), (570, 2419), (605, 2503), (606, 2506), (607, 2509), (675, 2605), (677, 2608), (680, 2617), (745, 2683), (766, 2713), (785, 2740), (807, 2773), (820, 2794), (822, 2797), (919, 2893), (946, 2914), (1002, 3004), (1051, 3046), (1074, 3064), (1078, 3070), (1146, 3133), (1149, 3139), (1150, 3142), (1187, 3187), (1191, 3193), (1213, 3220), (1226, 3235), (1290, 3286), (1297, 3295), (1309, 3310), (1317, 3313), (1346, 3352), (1358, 3367), (1371, 3382), (1374, 3385), (1460, 3463), (1462, 3469),

Gene: Forsytheast_10 Start: 7010, Stop: 8698, Start Num: 102
Candidate Starts for Forsytheast_10:
(Start: 102 @7010 has 400 MA's), (Start: 309 @7190 has 15 MA's), (381, 7274), (408, 7310), (513, 7460), (581, 7568), (620, 7658), (631, 7682), (679, 7757), (728, 7826), (774, 7913), (809, 7973), (1009, 8207), (1021, 8219), (1080, 8261), (1100, 8282), (1117, 8309), (1193, 8417), (1279, 8507), (1365, 8612),

Gene: FortCran_13 Start: 7494, Stop: 9239, Start Num: 307
Candidate Starts for FortCran_13:
(Start: 307 @7494 has 198 MA's), (310, 7500), (363, 7587), (367, 7593), (387, 7629), (417, 7683), (467, 7779), (556, 7968), (570, 7986), (572, 7989), (599, 8058), (644, 8160), (666, 8196), (680, 8217), (693, 8241), (728, 8298), (750, 8346), (785, 8412), (805, 8445), (808, 8451), (823, 8481), (837, 8502), (892, 8574), (1053, 8769), (1111, 8835), (1120, 8856), (1123, 8859), (1160, 8919), (1244, 9030), (1274, 9066), (1290, 9087), (1299, 9099), (1334, 9144), (1336, 9147), (1370, 9189), (1372, 9192),

Gene: FosterFrank_2 Start: 625, Stop: 2373, Start Num: 330
Candidate Starts for FosterFrank_2:
(294, 574), (311, 601), (Start: 330 @625 has 14 MA's), (388, 718), (441, 820), (469, 859), (473, 865), (481, 883), (486, 898), (487, 901), (554, 1039), (590, 1114), (598, 1135), (660, 1261), (732, 1363), (766, 1420), (774, 1435), (807, 1474), (935, 1675), (986, 1747), (994, 1762), (1011, 1786), (1036, 1819), (1147, 1996), (1158, 2020), (1165, 2038), (1187, 2068), (1197, 2083), (1207, 2098), (1232, 2125), (1253, 2152), (1281, 2176), (1289, 2185), (1332, 2236), (1372, 2290),

Gene: FoulBall_30 Start: 13077, Stop: 14588, Start Num: 184
Candidate Starts for FoulBall_30:
(Start: 181 @13074 has 17 MA's), (Start: 184 @13077 has 14 MA's), (Start: 322 @13257 has 1 MA's), (381, 13350), (424, 13425), (451, 13458), (474, 13485), (487, 13515), (591, 13668), (594, 13674), (607, 13710), (611, 13719), (675, 13800), (679, 13809), (680, 13812), (744, 13851), (788, 13908), (809, 13944), (810, 13947), (957, 14103), (962, 14112), (1025, 14181), (1042, 14190), (1046, 14196), (1080, 14229), (1112, 14265), (1187, 14352), (1203, 14373), (1277, 14436), (1283, 14439), (1286, 14442), (1299, 14460), (1317, 14481), (1353, 14523), (1386, 14559), (1415, 14571),

Gene: Foxboro_25 Start: 13660, Stop: 15387, Start Num: 153
Candidate Starts for Foxboro_25:

(30, 13426), (Start: 72 @13555 has 7 MA's), (Start: 153 @13660 has 15 MA's), (Start: 317 @13810 has 15 MA's), (351, 13861), (353, 13867), (379, 13906), (Start: 403 @13936 has 1 MA's), (414, 13960), (424, 13978), (437, 14005), (464, 14068), (473, 14086), (621, 14371), (635, 14398), (691, 14482), (740, 14566), (748, 14578), (768, 14611), (824, 14689), (883, 14767), (983, 14839), (1007, 14872), (1054, 14935), (1080, 14962), (1104, 14986), (1117, 15010), (1196, 15109), (1237, 15157), (1365, 15295), (1387, 15325), (1445, 15379),

Gene: Francis47_11 Start: 7247, Stop: 8935, Start Num: 102
Candidate Starts for Francis47_11:
(Start: 102 @7247 has 400 MA's), (381, 7511), (402, 7535), (513, 7697), (535, 7730), (581, 7805), (620, 7895), (631, 7919), (647, 7946), (679, 7994), (774, 8150), (809, 8210), (1001, 8435), (1009, 8444), (1021, 8456), (1080, 8498), (1100, 8519), (1117, 8546), (1193, 8654), (1279, 8744), (1365, 8849),

Gene: Francois_6 Start: 1977, Stop: 3407, Start Num: 317
Candidate Starts for Francois_6:
(Start: 176 @1809 has 3 MA's), (Start: 179 @1812 has 1 MA's), (182, 1815), (188, 1821), (Start: 317 @1977 has 15 MA's), (Start: 330 @1995 has 14 MA's), (402, 2058), (431, 2118), (459, 2136), (481, 2175), (484, 2184), (536, 2268), (543, 2277), (594, 2352), (600, 2367), (613, 2400), (659, 2466), (891, 2784), (893, 2787), (903, 2799), (954, 2847), (973, 2889), (1023, 2940), (1060, 2970), (1112, 3018), (1139, 3045), (1187, 3105), (1213, 3138), (1226, 3153), (1317, 3231), (1371, 3294), (1374, 3297),

Gene: Franklin22_2 Start: 667, Stop: 2232, Start Num: 225
Candidate Starts for Franklin22_2:
(Start: 225 @667 has 84 MA's), (Start: 247 @694 has 171 MA's), (339, 823), (431, 931), (444, 937), (490, 1015), (518, 1057), (569, 1114), (594, 1165), (620, 1228), (973, 1717), (1110, 1861), (1177, 1921), (1328, 2089), (1387, 2161), (1434, 2203), (1457, 2224),

Gene: FreakyGoo_15 Start: 4719, Stop: 6263, Start Num: 170
Candidate Starts for FreakyGoo_15:
(Start: 170 @4719 has 103 MA's), (215, 4767), (398, 4968), (487, 5106), (606, 5298), (776, 5508), (809, 5559), (863, 5631), (959, 5694), (970, 5718), (977, 5733), (1041, 5793), (1050, 5805), (1113, 5865), (1142, 5898), (1160, 5931), (1190, 5958), (1228, 6006), (1400, 6192), (1420, 6213),

Gene: Fred313_11 Start: 6199, Stop: 7896, Start Num: 102
Candidate Starts for Fred313_11:
(Start: 102 @6199 has 400 MA's), (168, 6271), (381, 6469), (508, 6643), (513, 6655), (538, 6694), (550, 6706), (581, 6763), (593, 6787), (620, 6853), (623, 6862), (675, 6943), (774, 7108), (812, 7174), (825, 7195), (842, 7219), (848, 7228), (923, 7294), (983, 7369), (999, 7393), (1001, 7396), (1006, 7402), (1015, 7411), (1080, 7459), (1113, 7498), (1129, 7519), (1193, 7615), (1236, 7660), (1241, 7669), (1374, 7822), (1405, 7852), (1435, 7882), (1438, 7885),

Gene: FreddyB_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for FreddyB_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 204 @617 has 1 MA's), (Start: 217 @629 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (454, 905), (473, 917), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (516, 998), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (736, 1388), (740, 1397), (862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1250, 1979), (1265, 2006), (1297, 2039), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: Fribs8_5 Start: 1777, Stop: 3477, Start Num: 170
Candidate Starts for Fribs8_5:
(Start: 170 @1777 has 103 MA's), (214, 1807), (Start: 249 @1849 has 1 MA's), (362, 1987), (408, 2035), (425, 2065), (467, 2098), (485, 2134), (490, 2149), (496, 2164), (513, 2194), (543, 2245), (595, 2344), (603, 2365), (645, 2434), (675, 2476), (692, 2506), (780, 2653), (808, 2704), (848, 2767), (866, 2791), (953, 2857), (969, 2890), (979, 2914), (981, 2917), (987, 2926), (1001, 2947), (1025, 2974), (1080, 3019), (1088, 3031), (1098, 3037), (1113, 3058), (1142, 3097), (1214, 3196), (1247, 3232), (1330, 3319), (1394, 3400), (1400, 3406), (1454, 3463), (1456, 3466),

Gene: Frizzle_1 Start: 60, Stop: 1760, Start Num: 71
Candidate Starts for Frizzle_1:
(52, 21), (Start: 71 @60 has 4 MA's), (Start: 297 @345 has 6 MA's), (399, 459), (465, 549), (472, 564), (484, 588), (515, 642), (591, 750), (598, 768), (630, 840), (648, 876), (670, 906), (764, 966), (873, 1107), (981, 1248), (983, 1251), (985, 1254), (987, 1257), (1003, 1278), (1020, 1293), (1133, 1425), (1176, 1479), (1197, 1503), (1385, 1695),

Gene: FrodoSwaggins_7 Start: 2850, Stop: 4595, Start Num: 307
Candidate Starts for FrodoSwaggins_7:
(Start: 307 @2850 has 198 MA's), (342, 2904), (345, 2907), (363, 2943), (367, 2949), (488, 3183), (535, 3282), (556, 3324), (572, 3345), (589, 3387), (594, 3399), (637, 3498), (644, 3516), (666, 3552), (791, 3777), (805, 3801), (808, 3807), (892, 3930), (950, 3999), (1050, 4116), (1071, 4143), (1120, 4212), (1123, 4215), (1156, 4266), (1223, 4353), (1273, 4419), (1290, 4443), (1299, 4455), (1315, 4473), (1370, 4545), (1372, 4548),

Gene: FroggyToad_2 Start: 318, Stop: 1889, Start Num: 151
Candidate Starts for FroggyToad_2:
(Start: 151 @318 has 55 MA's), (Start: 318 @504 has 1 MA's), (342, 537), (421, 621), (425, 630), (465, 666), (491, 726), (568, 819), (607, 912), (620, 936), (648, 978), (723, 1071), (745, 1086), (778, 1137), (789, 1149), (808, 1179), (840, 1212), (919, 1293), (959, 1338), (962, 1344), (971, 1365), (1109, 1500), (1112, 1506), (1146, 1539), (1172, 1575), (1187, 1593), (1216, 1629), (1280, 1680), (1331, 1740), (1334, 1743), (1461, 1872),

Gene: Froghopper_12 Start: 6689, Stop: 8377, Start Num: 102
Candidate Starts for Froghopper_12:
(Start: 102 @6689 has 400 MA's), (Start: 309 @6869 has 15 MA's), (381, 6953), (408, 6989), (424, 7016), (513, 7139), (535, 7172), (581, 7247), (620, 7337), (631, 7361), (647, 7388), (679, 7436), (767, 7580), (774, 7592), (809, 7652), (1001, 7877), (1009, 7886), (1021, 7898), (1080, 7940), (1100, 7961), (1117, 7988), (1193, 8096), (1279, 8186), (1365, 8291),

Gene: Frokostdame_2 Start: 361, Stop: 1959, Start Num: 173
Candidate Starts for Frokostdame_2:
(Start: 119 @334 has 2 MA's), (Start: 167 @355 has 9 MA's), (Start: 173 @361 has 36 MA's), (289, 475), (293, 484), (Start: 318 @517 has 1 MA's), (Start: 333 @535 has 4 MA's), (342, 550), (384, 571), (399, 592), (426, 646), (431, 655), (465, 691), (483, 727), (487, 739), (513, 781), (515, 784), (648, 1003), (661, 1018), (675, 1033), (677, 1036), (745, 1111), (778, 1162), (919, 1318), (946, 1339), (949, 1342), (1002, 1429), (1015, 1441), (1057, 1474), (1060, 1477), (1107, 1516), (1111, 1522), (1112, 1525), (1172, 1594), (1174, 1597), (1224, 1657), (1226, 1660), (1234, 1669), (1317, 1738), (1326, 1753), (1466, 1942),

Gene: FromIndy_7 Start: 3414, Stop: 5153, Start Num: 307
Candidate Starts for FromIndy_7:

(Start: 305 @3411 has 33 MA's), (Start: 307 @3414 has 198 MA's), (310, 3420), (342, 3468), (345, 3471), (363, 3507), (367, 3513), (440, 3651), (460, 3687), (467, 3699), (556, 3882), (572, 3903), (608, 3996), (611, 4005), (637, 4056), (644, 4074), (805, 4359), (892, 4488), (950, 4557), (1022, 4647), (1050, 4674), (1071, 4701), (1120, 4770), (1123, 4773), (1152, 4815), (1156, 4824), (1249, 4953), (1274, 4980), (1290, 5001), (1299, 5013), (1315, 5031), (1370, 5103), (1372, 5106), (1381, 5118),

Gene: Frosty24_2 Start: 359, Stop: 1891, Start Num: 161
Candidate Starts for Frosty24_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Fruitloop_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Fruitloop_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: Fryberger_34 Start: 9845, Stop: 11251, Start Num: 256
Candidate Starts for Fryberger_34:
(Start: 207 @9788 has 6 MA's), (Start: 256 @9845 has 6 MA's), (359, 9971), (418, 10031), (422, 10040), (485, 10124), (511, 10178), (591, 10304), (595, 10310), (602, 10328), (637, 10394), (654, 10427), (672, 10448), (692, 10481), (745, 10526), (809, 10619), (876, 10697), (953, 10742), (962, 10760), (1009, 10823), (1015, 10829), (1150, 10955), (1188, 11000), (1202, 11018), (1389, 11192),

Gene: Fulbright_2 Start: 501, Stop: 2036, Start Num: 227
Candidate Starts for Fulbright_2:
(Start: 227 @501 has 25 MA's), (Start: 230 @504 has 31 MA's), (246, 516), (Start: 249 @519 has 1 MA's), (292, 576), (Start: 307 @594 has 198 MA's), (316, 606), (390, 678), (Start: 403 @696 has 1 MA's), (412, 714), (422, 735), (474, 798), (490, 837), (507, 870), (539, 918), (583, 1002), (593, 1017), (613, 1068), (618, 1077), (637, 1101), (659, 1140), (661, 1143), (677, 1155), (747, 1281), (766, 1305), (808, 1368), (878, 1452), (950, 1524), (962, 1548), (981, 1590), (987, 1599), (1043, 1656), (1080, 1695), (1136, 1752), (1146, 1758), (1152, 1761), (1187, 1782), (1226, 1830), (1278, 1866), (1349, 1947), (1353, 1953),

Gene: Funston_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Funston_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Fury_33 Start: 12931, Stop: 14610, Start Num: 152

Candidate Starts for Fury_33:
(Start: 152 @12931 has 15 MA's), (Start: 157 @12937 has 1 MA's), (261, 13042), (353, 13141), (379, 13180), (Start: 403 @13210 has 1 MA's), (414, 13234), (516, 13390), (621, 13591), (647, 13636), (740, 13786), (748, 13798), (1007, 14092), (1034, 14125), (1104, 14206), (1196, 14329), (1203, 14341), (1258, 14404), (1320, 14473), (1365, 14515), (1387, 14545), (1432, 14587), (1445, 14602),

Gene: Fushigi_12 Start: 7411, Stop: 9099, Start Num: 110
Candidate Starts for Fushigi_12:
(Start: 110 @7411 has 24 MA's), (Start: 309 @7591 has 15 MA's), (381, 7675), (Start: 403 @7702 has 1 MA's), (408, 7711), (513, 7861), (535, 7894), (581, 7969), (620, 8059), (631, 8083), (647, 8110), (679, 8158), (728, 8227), (774, 8314), (809, 8374), (1001, 8599), (1009, 8608), (1021, 8620), (1080, 8662), (1100, 8683), (1117, 8710), (1193, 8818), (1279, 8908), (1365, 9013),

Gene: G4_3 Start: 956, Stop: 2410, Start Num: 235
Candidate Starts for G4_3:
(Start: 235 @956 has 7 MA's), (Start: 238 @959 has 22 MA's), (Start: 322 @1058 has 1 MA's), (342, 1085), (356, 1112), (362, 1121), (391, 1163), (402, 1178), (422, 1220), (463, 1262), (490, 1322), (499, 1340), (588, 1460), (611, 1517), (621, 1535), (641, 1562), (820, 1760), (822, 1763), (826, 1769), (851, 1802), (959, 1907), (1160, 2126), (1195, 2165), (1401, 2396),

Gene: GAL1_4 Start: 1617, Stop: 3242, Start Num: 155
Candidate Starts for GAL1_4:
(Start: 155 @1617 has 202 MA's), (Start: 217 @1677 has 1 MA's), (Start: 250 @1704 has 144 MA's), (Start: 303 @1743 has 2 MA's), (315, 1761), (Start: 330 @1785 has 14 MA's), (335, 1794), (379, 1845), (Start: 403 @1875 has 1 MA's), (414, 1899), (424, 1917), (454, 1953), (473, 1968), (487, 1989), (509, 2037), (510, 2040), (512, 2043), (531, 2073), (572, 2139), (617, 2241), (621, 2250), (627, 2262), (647, 2295), (717, 2397), (736, 2436), (748, 2457), (768, 2490), (824, 2568), (827, 2574), (856, 2613), (858, 2619), (953, 2673), (967, 2700), (981, 2718), (983, 2721), (985, 2724), (1015, 2763), (1064, 2802), (1080, 2817), (1113, 2856), (1117, 2865), (1146, 2898), (1162, 2928), (1163, 2931), (1196, 2964), (1225, 2997), (1237, 3012), (1255, 3036), (1290, 3072), (1315, 3102), (1325, 3111), (1365, 3150), (1387, 3180), (1410, 3198), (1445, 3234),

Gene: GEazy_2 Start: 522, Stop: 2105, Start Num: 185
Candidate Starts for GEazy_2:
(154, 489), (163, 498), (Start: 185 @522 has 14 MA's), (426, 807), (465, 840), (487, 888), (522, 948), (532, 960), (593, 1050), (648, 1155), (745, 1299), (778, 1350), (855, 1446), (912, 1506), (959, 1554), (970, 1578), (1055, 1665), (1149, 1755), (1172, 1785), (1187, 1803), (1260, 1872), (1278, 1887), (1297, 1911),

Gene: GMA4_2 Start: 489, Stop: 2087, Start Num: 139
Candidate Starts for GMA4_2:
(Start: 139 @489 has 1 MA's), (219, 540), (Start: 251 @579 has 3 MA's), (314, 636), (362, 699), (363, 702), (381, 711), (405, 741), (443, 783), (504, 861), (513, 879), (575, 966), (595, 1017), (620, 1062), (623, 1071), (659, 1140), (718, 1218), (735, 1257), (759, 1290), (768, 1311), (825, 1365), (829, 1371), (842, 1389), (863, 1419), (874, 1431), (954, 1491), (987, 1542), (1193, 1791), (1250, 1860), (1295, 1911), (1381, 2016),

Gene: GMA5_2 Start: 466, Stop: 1860, Start Num: 252
Candidate Starts for GMA5_2:
(Start: 252 @466 has 5 MA's), (Start: 318 @559 has 1 MA's), (425, 685), (444, 703), (484, 763), (487, 772), (488, 775), (547, 859), (583, 922), (586, 928), (607, 976), (641, 1030), (745, 1132), (820, 1243), (924, 1348), (960, 1387), (963, 1393), (1132, 1567), (1203, 1642), (1315, 1741), (1397, 1846),

Gene: GMonster_10 Start: 6615, Stop: 8303, Start Num: 102
Candidate Starts for GMonster_10:
(Start: 102 @6615 has 400 MA's), (381, 6879), (402, 6903), (513, 7065), (535, 7098), (581, 7173), (620, 7263), (631, 7287), (647, 7314), (679, 7362), (728, 7431), (774, 7518), (778, 7527), (809, 7578), (1009, 7812), (1021, 7824), (1080, 7866), (1100, 7887), (1117, 7914), (1193, 8022), (1279, 8112), (1365, 8217),

Gene: GRU1_terL Start: 5541, Stop: 7217, Start Num: 155
Candidate Starts for GRU1_terL:
(Start: 155 @5541 has 202 MA's), (Start: 317 @5691 has 15 MA's), (353, 5748), (372, 5775), (379, 5787), (Start: 403 @5817 has 1 MA's), (487, 5937), (621, 6201), (635, 6228), (691, 6312), (698, 6324), (740, 6396), (748, 6408), (768, 6441), (824, 6519), (917, 6600), (956, 6627), (983, 6669), (1010, 6705), (1034, 6735), (1104, 6816), (1113, 6831), (1196, 6939), (1365, 7125), (1387, 7155),

Gene: GRU3_2 Start: 495, Stop: 1916, Start Num: 252
Candidate Starts for GRU3_2:
(Start: 252 @495 has 5 MA's), (Start: 318 @588 has 1 MA's), (Start: 336 @615 has 12 MA's), (399, 663), (405, 672), (419, 702), (425, 714), (463, 750), (476, 774), (484, 792), (487, 801), (586, 963), (607, 1011), (647, 1074), (924, 1389), (946, 1404), (960, 1428), (1156, 1647), (1203, 1692), (1228, 1719), (1293, 1770), (1315, 1791),

Gene: GTE2_02 Start: 803, Stop: 2482, Start Num: 170
Candidate Starts for GTE2_02:
(Start: 170 @803 has 103 MA's), (Start: 232 @854 has 1 MA's), (Start: 249 @875 has 1 MA's), (304, 920), (407, 1046), (411, 1055), (415, 1067), (424, 1076), (490, 1163), (509, 1199), (513, 1208), (543, 1259), (595, 1358), (623, 1412), (645, 1448), (735, 1592), (760, 1628), (780, 1667), (798, 1700), (874, 1814), (921, 1838), (987, 1937), (1076, 2021), (1146, 2108), (1214, 2204), (1269, 2252), (1282, 2276), (1330, 2327), (1394, 2408), (1454, 2468), (1456, 2471),

Gene: GTE5_terL Start: 6550, Stop: 8226, Start Num: 155
Candidate Starts for GTE5_terL:
(Start: 155 @6550 has 202 MA's), (Start: 317 @6700 has 15 MA's), (353, 6757), (372, 6784), (379, 6796), (Start: 403 @6826 has 1 MA's), (621, 7210), (635, 7237), (740, 7405), (748, 7417), (768, 7450), (824, 7528), (917, 7609), (983, 7678), (1010, 7714), (1034, 7744), (1104, 7825), (1113, 7840), (1155, 7900), (1196, 7948), (1365, 8134), (1387, 8164),

Gene: GTE8_13 Start: 6443, Stop: 8170, Start Num: 153
Candidate Starts for GTE8_13:
(Start: 72 @6338 has 7 MA's), (Start: 153 @6443 has 15 MA's), (Start: 317 @6593 has 15 MA's), (351, 6644), (353, 6650), (379, 6689), (Start: 403 @6719 has 1 MA's), (473, 6869), (621, 7154), (635, 7181), (691, 7265), (740, 7349), (748, 7361), (768, 7394), (824, 7472), (983, 7622), (1007, 7655), (1104, 7769), (1146, 7826), (1196, 7892), (1237, 7940), (1365, 8078), (1387, 8108),

Gene: GUmbie_2 Start: 588, Stop: 2225, Start Num: 155
Candidate Starts for GUmbie_2:
(Start: 155 @588 has 202 MA's), (168, 603), (Start: 176 @612 has 3 MA's), (182, 618), (Start: 217 @645 has 1 MA's), (Start: 247 @669 has 171 MA's), (Start: 250 @672 has 144 MA's), (Start: 318 @735 has 1 MA's), (Start: 330 @753 has 14 MA's), (353, 774), (412, 861), (414, 867), (454, 921), (473, 933), (484, 945), (487, 954), (488, 957), (496, 978), (508, 999), (516, 1014), (548, 1071), (575, 1110), (602, 1179), (604, 1185), (621, 1215), (622, 1218), (627, 1227), (635, 1242), (647, 1260), (680, 1311), (740, 1413), (862, 1584), (874, 1596), (920, 1614), (983, 1680), (1005, 1710), (1007, 1713), (1010, 1716), (1080, 1773), (1097, 1788), (1101, 1794), (1104, 1797), (1113, 1812), (1117, 1821), (1164, 1890), (1190, 1920), (1225, 1962), (1239, 1980), (1250, 1995), (1265, 2022), (1297, 2055), (1320,

2082), (1325, 2085), (1349, 2106), (1365, 2130), (1372, 2139), (1374, 2142), (1429, 2199),

Gene: Gabbspett_3 Start: 1176, Stop: 2636, Start Num: 250
Candidate Starts for Gabbspett_3:
(Start: 250 @1176 has 144 MA's), (Start: 254 @1182 has 2 MA's), (358, 1344), (363, 1353), (399, 1413), (444, 1482), (465, 1503), (488, 1554), (619, 1758), (755, 1893), (806, 1971), (817, 1986), (842, 2022), (880, 2064), (911, 2097), (926, 2115), (1015, 2235), (1020, 2238), (1039, 2250), (1113, 2325), (1172, 2388), (1178, 2397), (1187, 2406), (1190, 2409), (1330, 2571), (1337, 2580), (1344, 2589), (1372, 2628),

Gene: Gabriela_4 Start: 1069, Stop: 2637, Start Num: 138
Candidate Starts for Gabriela_4:
(Start: 138 @1069 has 120 MA's), (Start: 142 @1075 has 6 MA's), (Start: 284 @1231 has 1 MA's), (512, 1528), (515, 1534), (556, 1594), (591, 1666), (594, 1672), (602, 1693), (675, 1792), (710, 1840), (762, 1894), (776, 1918), (807, 1963), (809, 1969), (827, 1999), (832, 2005), (855, 2032), (863, 2041), (942, 2098), (946, 2104), (959, 2125), (962, 2131), (1020, 2206), (1023, 2209), (1060, 2245), (1116, 2290), (1172, 2356), (1234, 2431), (1266, 2449), (1278, 2458), (1420, 2605), (1448, 2629), (1450, 2632),

Gene: Gachnar_11 Start: 7030, Stop: 8718, Start Num: 102
Candidate Starts for Gachnar_11:
(Start: 102 @7030 has 400 MA's), (381, 7294), (402, 7318), (513, 7480), (535, 7513), (581, 7588), (620, 7678), (631, 7702), (647, 7729), (679, 7777), (774, 7933), (809, 7993), (1009, 8227), (1021, 8239), (1080, 8281), (1100, 8302), (1117, 8329), (1193, 8437), (1279, 8527), (1365, 8632),

Gene: Gack_2 Start: 703, Stop: 2268, Start Num: 225
Candidate Starts for Gack_2:
(Start: 225 @703 has 84 MA's), (Start: 247 @730 has 171 MA's), (339, 859), (431, 967), (444, 973), (459, 982), (490, 1051), (518, 1093), (569, 1150), (594, 1201), (620, 1264), (690, 1384), (865, 1615), (973, 1753), (1087, 1882), (1328, 2125), (1434, 2239), (1457, 2260),

Gene: Gadost_11 Start: 6888, Stop: 8585, Start Num: 102
Candidate Starts for Gadost_11:
(Start: 102 @6888 has 400 MA's), (Start: 124 @6912 has 46 MA's), (Start: 251 @7035 has 3 MA's), (350, 7125), (381, 7158), (467, 7257), (512, 7341), (513, 7344), (538, 7383), (581, 7452), (593, 7476), (620, 7542), (675, 7632), (774, 7797), (825, 7884), (848, 7917), (923, 7983), (981, 8055), (983, 8058), (999, 8082), (1064, 8133), (1080, 8148), (1113, 8187), (1129, 8208), (1193, 8304), (1405, 8541), (1435, 8571), (1438, 8574),

Gene: Gage_10 Start: 2509, Stop: 4179, Start Num: 394
Candidate Starts for Gage_10:
(Start: 394 @2509 has 48 MA's), (427, 2572), (551, 2806), (598, 2908), (693, 3088), (710, 3112), (724, 3130), (732, 3142), (768, 3205), (776, 3217), (808, 3262), (815, 3277), (873, 3355), (911, 3400), (934, 3454), (935, 3460), (1000, 3574), (1037, 3622), (1104, 3718), (1124, 3754), (1218, 3907), (1232, 3919), (1279, 3976), (1307, 4012), (1346, 4063), (1372, 4099), (1374, 4102), (1438, 4168),

Gene: GageAP_13 Start: 7736, Stop: 9424, Start Num: 110
Candidate Starts for GageAP_13:
(Start: 110 @7736 has 24 MA's), (Start: 309 @7916 has 15 MA's), (381, 8000), (Start: 403 @8027 has 1 MA's), (408, 8036), (513, 8186), (535, 8219), (581, 8294), (620, 8384), (631, 8408), (647, 8435), (679, 8483), (728, 8552), (774, 8639), (809, 8699), (1001, 8924), (1009, 8933), (1021, 8945), (1080, 8987), (1100, 9008), (1117, 9035), (1193, 9143), (1279, 9233), (1365, 9338),

Gene: Gagieri_28 Start: 13785, Stop: 15458, Start Num: 155
Candidate Starts for Gagieri_28:
(Start: 155 @13785 has 202 MA's), (Start: 317 @13929 has 15 MA's), (335, 13959), (351, 13980), (409, 14067), (473, 14154), (487, 14175), (496, 14199), (510, 14226), (531, 14259), (571, 14325), (591, 14373), (621, 14436), (635, 14463), (726, 14592), (740, 14631), (748, 14643), (824, 14754), (858, 14805), (983, 14901), (985, 14904), (1054, 15003), (1088, 15042), (1104, 15054), (1113, 15069), (1163, 15144), (1196, 15177), (1225, 15210), (1297, 15294), (1315, 15315), (1365, 15363), (1434, 15438), (1445, 15450),

Gene: Gail_11 Start: 6548, Stop: 8305, Start Num: 103
Candidate Starts for Gail_11:
(Start: 103 @6548 has 236 MA's), (Start: 121 @6569 has 5 MA's), (222, 6656), (241, 6680), (275, 6734), (281, 6746), (282, 6755), (298, 6779), (Start: 330 @6830 has 14 MA's), (512, 7061), (513, 7064), (581, 7175), (593, 7199), (620, 7265), (631, 7289), (675, 7355), (722, 7421), (778, 7529), (823, 7604), (983, 7781), (992, 7793), (999, 7805), (1001, 7808), (1006, 7814), (1080, 7868), (1129, 7928), (1193, 8024), (1250, 8093), (1405, 8261), (1433, 8288),

Gene: Galactic_2 Start: 571, Stop: 2208, Start Num: 155
Candidate Starts for Galactic_2:
(Start: 155 @571 has 202 MA's), (163, 580), (Start: 176 @595 has 3 MA's), (Start: 217 @628 has 1 MA's), (Start: 247 @652 has 171 MA's), (Start: 250 @655 has 144 MA's), (Start: 318 @718 has 1 MA's), (353, 757), (412, 844), (454, 904), (484, 928), (487, 937), (488, 940), (496, 961), (508, 982), (516, 997), (548, 1054), (575, 1093), (602, 1162), (604, 1168), (621, 1198), (622, 1201), (627, 1210), (635, 1225), (647, 1243), (680, 1294), (736, 1387), (740, 1396), (862, 1567), (874, 1579), (983, 1663), (1005, 1693), (1007, 1696), (1010, 1699), (1080, 1756), (1097, 1771), (1101, 1777), (1104, 1780), (1113, 1795), (1117, 1804), (1164, 1873), (1190, 1903), (1196, 1912), (1225, 1945), (1239, 1963), (1250, 1978), (1265, 2005), (1297, 2038), (1320, 2065), (1325, 2068), (1349, 2089), (1365, 2113), (1372, 2122), (1374, 2125), (1429, 2182),

Gene: Galaxy_3 Start: 758, Stop: 2338, Start Num: 238
Candidate Starts for Galaxy_3:
(Start: 171 @692 has 16 MA's), (Start: 238 @758 has 22 MA's), (263, 794), (Start: 309 @854 has 15 MA's), (314, 863), (424, 995), (431, 1010), (463, 1034), (474, 1055), (569, 1193), (594, 1244), (598, 1256), (620, 1307), (625, 1319), (665, 1388), (700, 1448), (720, 1478), (731, 1487), (774, 1550), (954, 1766), (961, 1778), (983, 1817), (1003, 1844), (1020, 1859), (1048, 1889), (1096, 1928), (1102, 1937), (1110, 1946), (1176, 2036), (1200, 2063), (1305, 2177), (1364, 2246),

Gene: Gallia_20 Start: 10701, Stop: 12389, Start Num: 129
Candidate Starts for Gallia_20:
(129, 10701), (320, 10893), (360, 10956), (Start: 403 @11025 has 1 MA's), (424, 11067), (452, 11106), (513, 11202), (518, 11211), (520, 11214), (535, 11238), (545, 11256), (621, 11397), (691, 11508), (717, 11544), (740, 11595), (748, 11607), (856, 11763), (956, 11826), (985, 11871), (1117, 12009), (1163, 12075), (1196, 12108), (1287, 12213), (1315, 12246), (1344, 12264), (1365, 12294), (1407, 12339),

Gene: Gallop_2 Start: 389, Stop: 1936, Start Num: 180
Candidate Starts for Gallop_2:
(180, 389), (Start: 190 @398 has 1 MA's), (196, 404), (Start: 235 @449 has 7 MA's), (314, 542), (Start: 318 @551 has 1 MA's), (339, 581), (419, 665), (422, 671), (425, 677), (483, 749), (566, 863), (583, 902), (593, 920), (607, 959), (637, 1004), (641, 1013), (649, 1025), (680, 1073), (716, 1121), (795, 1220), (807, 1232), (810, 1241), (833, 1274), (895, 1334), (920, 1361), (922, 1364), (944, 1382), (954, 1397), (956, 1400), (1012, 1478), (1041, 1505), (1045, 1511), (1111, 1556), (1139, 1592), (1160, 1628), (1338, 1811), (1356, 1832), (1364, 1841), (1400, 1883), (1414, 1898),

Gene: GaloreK_2 Start: 413, Stop: 2089, Start Num: 138
Candidate Starts for GaloreK_2:
(Start: 138 @413 has 120 MA's), (Start: 318 @629 has 1 MA's), (349, 668), (380, 725), (384, 731), (396, 749), (421, 794), (422, 797), (426, 806), (431, 815), (444, 821), (445, 824), (483, 878), (490, 899), (495, 911), (558, 1001), (659, 1190), (745, 1286), (778, 1337), (902, 1478), (919, 1490), (1107, 1688), (1112, 1697), (1139, 1724), (1172, 1766), (1187, 1784), (1278, 1868), (1290, 1883), (1463, 2072),

Gene: Gambino_2 Start: 361, Stop: 1959, Start Num: 173
Candidate Starts for Gambino_2:
(Start: 119 @334 has 2 MA's), (Start: 173 @361 has 36 MA's), (289, 475), (293, 484), (Start: 318 @517 has 1 MA's), (Start: 333 @535 has 4 MA's), (342, 550), (384, 571), (399, 592), (426, 646), (431, 655), (465, 691), (483, 727), (487, 739), (513, 781), (515, 784), (648, 1003), (661, 1018), (675, 1033), (677, 1036), (745, 1111), (778, 1162), (919, 1318), (946, 1339), (949, 1342), (1002, 1429), (1015, 1441), (1057, 1474), (1060, 1477), (1107, 1516), (1111, 1522), (1112, 1525), (1172, 1594), (1174, 1597), (1224, 1657), (1226, 1660), (1234, 1669), (1317, 1738), (1326, 1753), (1466, 1942),

Gene: Gambol_2 Start: 593, Stop: 2281, Start Num: 143
Candidate Starts for Gambol_2:
(Start: 143 @593 has 16 MA's), (354, 794), (477, 938), (490, 962), (513, 1007), (573, 1094), (595, 1148), (617, 1187), (693, 1322), (759, 1424), (851, 1535), (952, 1646), (983, 1697), (1193, 1952), (1209, 1967), (1372, 2192), (1381, 2204), (1399, 2219),

Gene: Gancho_4 Start: 1561, Stop: 3195, Start Num: 102
Candidate Starts for Gancho_4:
(Start: 102 @1561 has 400 MA's), (Start: 153 @1600 has 15 MA's), (Start: 208 @1648 has 5 MA's), (342, 1819), (396, 1858), (512, 2038), (516, 2047), (522, 2056), (566, 2119), (570, 2125), (605, 2209), (606, 2212), (607, 2215), (675, 2311), (677, 2314), (680, 2323), (745, 2389), (766, 2419), (785, 2446), (807, 2479), (820, 2500), (822, 2503), (919, 2599), (946, 2620), (1002, 2710), (1051, 2752), (1074, 2770), (1078, 2776), (1146, 2839), (1149, 2845), (1150, 2848), (1187, 2893), (1191, 2899), (1213, 2926), (1226, 2941), (1290, 2992), (1297, 3001), (1309, 3016), (1317, 3019), (1346, 3058), (1358, 3073), (1371, 3088), (1374, 3091), (1460, 3169), (1462, 3175),

Gene: Gandalf20_12 Start: 7804, Stop: 9492, Start Num: 102
Candidate Starts for Gandalf20_12:
(Start: 102 @7804 has 400 MA's), (Start: 309 @7984 has 15 MA's), (381, 8068), (408, 8104), (424, 8131), (513, 8254), (581, 8362), (620, 8452), (631, 8476), (679, 8551), (774, 8707), (809, 8767), (1001, 8992), (1009, 9001), (1021, 9013), (1080, 9055), (1100, 9076), (1117, 9103), (1193, 9211), (1279, 9301), (1365, 9406),

Gene: Gandalph_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Gandalph_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: Gandionco_15 Start: 7544, Stop: 9328, Start Num: 307

Candidate Starts for Gandionco_15:
(Start: 303 @7538 has 2 MA's), (Start: 307 @7544 has 198 MA's), (367, 7643), (493, 7892), (516, 7940), (556, 8018), (572, 8039), (599, 8108), (644, 8210), (675, 8255), (680, 8267), (709, 8324), (750, 8396), (805, 8495), (837, 8552), (847, 8567), (892, 8624), (950, 8693), (956, 8705), (1009, 8798), (1053, 8858), (1071, 8876), (1076, 8882), (1120, 8945), (1123, 8948), (1150, 8987), (1244, 9119), (1273, 9152), (1290, 9176), (1299, 9188), (1315, 9206), (1370, 9278), (1372, 9281),

Gene: GantcherGoblin_7 Start: 3230, Stop: 4963, Start Num: 307
Candidate Starts for GantcherGoblin_7:
(Start: 307 @3230 has 198 MA's), (367, 3329), (493, 3566), (516, 3614), (556, 3692), (570, 3710), (572, 3713), (599, 3782), (644, 3884), (656, 3908), (693, 3965), (750, 4070), (805, 4169), (820, 4199), (847, 4241), (892, 4298), (950, 4367), (956, 4379), (1053, 4493), (1071, 4511), (1120, 4580), (1123, 4583), (1249, 4763), (1273, 4787), (1290, 4811), (1299, 4823), (1309, 4835), (1334, 4868), (1370, 4913), (1372, 4916),

Gene: Ganymede_8 Start: 1613, Stop: 3034, Start Num: 247
Candidate Starts for Ganymede_8:
(Start: 165 @1541 has 76 MA's), (Start: 230 @1601 has 31 MA's), (Start: 247 @1613 has 171 MA's), (Start: 336 @1724 has 12 MA's), (342, 1730), (391, 1808), (402, 1817), (425, 1865), (444, 1883), (487, 1952), (514, 1994), (517, 2000), (532, 2027), (533, 2030), (607, 2147), (611, 2156), (675, 2237), (792, 2351), (820, 2399), (827, 2411), (851, 2441), (870, 2465), (880, 2477), (959, 2555), (962, 2561), (1112, 2705), (1146, 2738), (1187, 2792), (1353, 2969), (1425, 3023),

Gene: Garak_16 Start: 7533, Stop: 9287, Start Num: 103
Candidate Starts for Garak_16:
(Start: 103 @7533 has 236 MA's), (241, 7665), (298, 7764), (314, 7788), (Start: 330 @7815 has 14 MA's), (362, 7851), (424, 7926), (513, 8049), (523, 8064), (538, 8088), (581, 8157), (593, 8181), (594, 8184), (620, 8247), (631, 8271), (718, 8400), (722, 8403), (780, 8514), (914, 8676), (983, 8763), (992, 8775), (999, 8787), (1064, 8835), (1080, 8850), (1113, 8889), (1129, 8910), (1182, 8994), (1193, 9006), (1405, 9243), (1433, 9270), (1435, 9273),

Gene: Gardann_4 Start: 1069, Stop: 2637, Start Num: 138
Candidate Starts for Gardann_4:
(Start: 138 @1069 has 120 MA's), (Start: 142 @1075 has 6 MA's), (Start: 284 @1231 has 1 MA's), (512, 1528), (515, 1534), (556, 1594), (591, 1666), (594, 1672), (675, 1792), (710, 1840), (762, 1894), (776, 1918), (807, 1963), (809, 1969), (827, 1999), (832, 2005), (855, 2032), (863, 2041), (942, 2098), (946, 2104), (959, 2125), (962, 2131), (1020, 2206), (1023, 2209), (1060, 2245), (1116, 2290), (1172, 2356), (1234, 2431), (1266, 2449), (1278, 2458), (1420, 2605), (1448, 2629), (1450, 2632),

Gene: GardenSalsa_18 Start: 5300, Stop: 6841, Start Num: 170
Candidate Starts for GardenSalsa_18:
(Start: 170 @5300 has 103 MA's), (Start: 173 @5303 has 36 MA's), (331, 5486), (342, 5504), (392, 5537), (398, 5546), (431, 5609), (487, 5684), (591, 5837), (606, 5876), (678, 5969), (690, 5990), (809, 6137), (852, 6197), (1041, 6371), (1116, 6449), (1160, 6509), (1190, 6536), (1420, 6791),

Gene: GardenState_2 Start: 501, Stop: 2183, Start Num: 122
Candidate Starts for GardenState_2:
(Start: 122 @501 has 14 MA's), (Start: 202 @555 has 39 MA's), (424, 798), (477, 852), (513, 921), (535, 957), (748, 1317), (1193, 1857), (1381, 2109),

Gene: Gardevoir_3 Start: 1074, Stop: 2534, Start Num: 250
Candidate Starts for Gardevoir_3:

(Start: 250 @1074 has 144 MA's), (Start: 254 @1080 has 2 MA's), (358, 1242), (363, 1251), (399, 1311), (444, 1380), (465, 1401), (488, 1452), (619, 1656), (806, 1869), (817, 1884), (842, 1920), (880, 1962), (911, 1995), (926, 2013), (1015, 2133), (1020, 2136), (1039, 2148), (1113, 2223), (1172, 2286), (1187, 2304), (1190, 2307), (1330, 2469), (1337, 2478), (1344, 2487), (1372, 2526),

Gene: Gattaca_34 Start: 10300, Stop: 12042, Start Num: 170
Candidate Starts for Gattaca_34:
(Start: 170 @10300 has 103 MA's), (302, 10417), (Start: 330 @10462 has 14 MA's), (369, 10528), (374, 10543), (402, 10576), (Start: 403 @10579 has 1 MA's), (411, 10594), (425, 10618), (426, 10621), (467, 10651), (479, 10672), (485, 10690), (488, 10699), (505, 10735), (513, 10750), (543, 10795), (575, 10837), (590, 10876), (595, 10888), (603, 10909), (632, 10960), (647, 10981), (798, 11203), (866, 11308), (874, 11317), (930, 11350), (954, 11371), (956, 11374), (969, 11401), (983, 11431), (992, 11443), (1001, 11458), (1009, 11467), (1015, 11473), (1062, 11515), (1074, 11524), (1084, 11539), (1100, 11554), (1146, 11614), (1163, 11653), (1185, 11686), (1214, 11716), (1217, 11719), (1265, 11803), (1292, 11857), (1304, 11872), (1332, 11899), (1372, 11953), (1451, 12025), (1453, 12028),

Gene: GaugeLDP_14 Start: 8787, Stop: 10547, Start Num: 103
Candidate Starts for GaugeLDP_14:
(Start: 103 @8787 has 236 MA's), (Start: 217 @8895 has 1 MA's), (234, 8916), (288, 9006), (298, 9024), (512, 9306), (513, 9309), (538, 9348), (581, 9417), (620, 9507), (631, 9531), (693, 9630), (718, 9660), (722, 9663), (923, 9948), (983, 10023), (992, 10035), (999, 10047), (1088, 10122), (1115, 10152), (1129, 10170), (1182, 10254), (1193, 10266), (1250, 10335), (1405, 10503), (1433, 10530), (1435, 10533),

Gene: Gavriela_2 Start: 400, Stop: 2076, Start Num: 138
Candidate Starts for Gavriela_2:
(Start: 138 @400 has 120 MA's), (Start: 318 @616 has 1 MA's), (349, 655), (380, 712), (384, 718), (396, 736), (421, 781), (426, 793), (431, 802), (444, 808), (483, 865), (490, 886), (495, 898), (558, 988), (659, 1177), (745, 1273), (766, 1303), (778, 1324), (902, 1465), (919, 1477), (959, 1522), (1107, 1675), (1112, 1684), (1139, 1711), (1172, 1753), (1187, 1771), (1278, 1855), (1290, 1870), (1463, 2059),

Gene: Geeche_29 Start: 8502, Stop: 10250, Start Num: 148
Candidate Starts for Geeche_29:
(Start: 148 @8502 has 26 MA's), (Start: 176 @8532 has 3 MA's), (325, 8661), (457, 8847), (473, 8886), (488, 8910), (512, 8958), (529, 8985), (543, 9015), (645, 9207), (654, 9225), (756, 9387), (787, 9435), (797, 9450), (963, 9633), (966, 9639), (1026, 9723), (1086, 9810), (1115, 9843), (1198, 9957), (1229, 9993), (1250, 10017), (1258, 10032), (1412, 10206), (1418, 10212),

Gene: GemG_2 Start: 318, Stop: 1889, Start Num: 151
Candidate Starts for GemG_2:
(Start: 151 @318 has 55 MA's), (259, 426), (Start: 297 @474 has 6 MA's), (Start: 318 @504 has 1 MA's), (342, 537), (421, 621), (425, 630), (465, 666), (491, 726), (566, 816), (607, 912), (620, 936), (648, 978), (689, 1032), (723, 1071), (778, 1137), (789, 1149), (808, 1179), (840, 1212), (919, 1293), (959, 1338), (962, 1344), (971, 1365), (1054, 1455), (1109, 1500), (1112, 1506), (1142, 1536), (1146, 1539), (1187, 1593), (1216, 1629), (1280, 1680), (1331, 1740), (1334, 1743), (1371, 1785), (1461, 1872),

Gene: Gemini_10 Start: 2509, Stop: 4179, Start Num: 394
Candidate Starts for Gemini_10:
(Start: 394 @2509 has 48 MA's), (427, 2572), (551, 2806), (598, 2908), (693, 3088), (710, 3112), (724, 3130), (732, 3142), (768, 3205), (776, 3217), (808, 3262), (815, 3277), (873, 3355), (911, 3400), (934, 3454), (935, 3460), (1000, 3574), (1037, 3622), (1104, 3718), (1116, 3739), (1124, 3754), (1218,

3907), (1232, 3919), (1279, 3976), (1307, 4012), (1346, 4063), (1372, 4099), (1374, 4102), (1438, 4168),

Gene: Gemma_13 Start: 7029, Stop: 8729, Start Num: 105
Candidate Starts for Gemma_13:
(Start: 105 @7029 has 85 MA's), (Start: 145 @7077 has 1 MA's), (Start: 232 @7149 has 1 MA's), (302, 7212), (513, 7491), (620, 7689), (675, 7779), (718, 7842), (809, 8004), (983, 8202), (999, 8226), (1001, 8229), (1080, 8292), (1088, 8304), (1100, 8313), (1113, 8331), (1129, 8352), (1193, 8448), (1241, 8502), (1279, 8538), (1405, 8685), (1435, 8715), (1438, 8718),

Gene: GenevaB15_18 Start: 5321, Stop: 6862, Start Num: 170
Candidate Starts for GenevaB15_18:
(Start: 170 @5321 has 103 MA's), (Start: 173 @5324 has 36 MA's), (331, 5507), (342, 5525), (392, 5558), (398, 5567), (487, 5705), (591, 5858), (606, 5897), (678, 5990), (690, 6011), (809, 6158), (852, 6218), (1009, 6365), (1041, 6392), (1116, 6470), (1160, 6530), (1190, 6557), (1420, 6812),

Gene: Gengar_6 Start: 1351, Stop: 2778, Start Num: 262
Candidate Starts for Gengar_6:
(156, 1258), (Start: 262 @1351 has 67 MA's), (310, 1408), (Start: 322 @1429 has 1 MA's), (Start: 336 @1453 has 12 MA's), (391, 1537), (402, 1546), (405, 1552), (425, 1594), (444, 1612), (463, 1630), (487, 1681), (532, 1756), (591, 1834), (607, 1876), (611, 1885), (613, 1888), (675, 1966), (792, 2080), (820, 2128), (851, 2170), (870, 2194), (880, 2206), (903, 2233), (956, 2278), (962, 2290), (1107, 2437), (1142, 2476), (1187, 2533), (1208, 2557), (1235, 2581), (1263, 2605), (1348, 2704), (1353, 2710), (1425, 2767),

Gene: George_8 Start: 6161, Stop: 7939, Start Num: 54
Candidate Starts for George_8:
(Start: 54 @6161 has 19 MA's), (Start: 67 @6188 has 32 MA's), (Start: 115 @6257 has 1 MA's), (Start: 237 @6371 has 1 MA's), (241, 6377), (362, 6509), (424, 6584), (425, 6587), (467, 6620), (487, 6653), (551, 6761), (567, 6785), (581, 6818), (620, 6893), (641, 6938), (690, 7016), (693, 7022), (812, 7220), (825, 7241), (983, 7415), (999, 7439), (1001, 7442), (1080, 7502), (1088, 7514), (1113, 7541), (1129, 7562), (1182, 7646), (1193, 7658), (1405, 7895), (1438, 7928), (1443, 7934),

Gene: Georgie2_13 Start: 7387, Stop: 9174, Start Num: 103
Candidate Starts for Georgie2_13:
(Start: 103 @7387 has 236 MA's), (Start: 217 @7495 has 1 MA's), (234, 7516), (298, 7624), (424, 7786), (512, 7906), (513, 7909), (581, 8017), (620, 8107), (631, 8131), (704, 8248), (722, 8263), (916, 8563), (1088, 8749), (1113, 8776), (1129, 8797), (1193, 8893), (1405, 9130), (1433, 9157), (1435, 9160),

Gene: Geraldini_8 Start: 1616, Stop: 3037, Start Num: 247
Candidate Starts for Geraldini_8:
(Start: 165 @1544 has 76 MA's), (Start: 230 @1604 has 31 MA's), (Start: 247 @1616 has 171 MA's), (Start: 336 @1727 has 12 MA's), (342, 1733), (391, 1811), (402, 1820), (425, 1868), (444, 1886), (487, 1955), (514, 1997), (517, 2003), (532, 2030), (533, 2033), (607, 2150), (611, 2159), (792, 2354), (820, 2402), (827, 2414), (851, 2444), (870, 2468), (880, 2480), (959, 2558), (962, 2564), (1112, 2708), (1146, 2741), (1187, 2795), (1353, 2972), (1425, 3026),

Gene: Geralt_2 Start: 571, Stop: 2208, Start Num: 155
Candidate Starts for Geralt_2:
(Start: 155 @571 has 202 MA's), (163, 580), (Start: 176 @595 has 3 MA's), (Start: 247 @652 has 171 MA's), (Start: 250 @655 has 144 MA's), (Start: 318 @718 has 1 MA's), (353, 757), (412, 844), (454, 904), (473, 916), (484, 928), (487, 937), (488, 940), (496, 961), (508, 982), (548, 1054), (575, 1093),

(602, 1162), (604, 1168), (621, 1198), (622, 1201), (627, 1210), (635, 1225), (647, 1243), (680, 1294), (736, 1387), (740, 1396), (862, 1567), (874, 1579), (983, 1663), (1005, 1693), (1007, 1696), (1010, 1699), (1080, 1756), (1097, 1771), (1101, 1777), (1104, 1780), (1113, 1795), (1117, 1804), (1164, 1873), (1190, 1903), (1196, 1912), (1225, 1945), (1250, 1978), (1265, 2005), (1297, 2038), (1325, 2068), (1349, 2089), (1365, 2113), (1372, 2122), (1374, 2125), (1429, 2182),

Gene: GermyBearimy_9 Start: 3739, Stop: 5487, Start Num: 307
Candidate Starts for GermyBearimy_9:
(Start: 305 @3736 has 33 MA's), (Start: 307 @3739 has 198 MA's), (367, 3838), (396, 3889), (516, 4135), (535, 4171), (556, 4213), (570, 4231), (572, 4234), (608, 4327), (644, 4405), (646, 4411), (696, 4489), (709, 4519), (722, 4531), (750, 4591), (771, 4627), (791, 4666), (805, 4690), (872, 4795), (892, 4819), (956, 4903), (1053, 5017), (1076, 5041), (1120, 5104), (1123, 5107), (1244, 5278), (1273, 5311), (1290, 5335), (1299, 5347), (1336, 5395), (1363, 5428), (1370, 5437), (1372, 5440),

Gene: Gerri43_4 Start: 1251, Stop: 2789, Start Num: 211
Candidate Starts for Gerri43_4:
(Start: 211 @1251 has 13 MA's), (259, 1296), (405, 1455), (458, 1518), (495, 1605), (611, 1845), (618, 1857), (650, 1914), (750, 2073), (808, 2160), (938, 2292), (1084, 2460), (1228, 2592),

Gene: Gex_2 Start: 504, Stop: 2036, Start Num: 230
Candidate Starts for Gex_2:
(Start: 227 @501 has 25 MA's), (Start: 230 @504 has 31 MA's), (246, 516), (Start: 249 @519 has 1 MA's), (292, 576), (Start: 307 @594 has 198 MA's), (316, 606), (390, 678), (Start: 403 @696 has 1 MA's), (412, 714), (422, 735), (474, 798), (490, 837), (507, 870), (539, 918), (583, 1002), (593, 1017), (613, 1068), (618, 1077), (637, 1101), (659, 1140), (661, 1143), (677, 1155), (747, 1281), (766, 1305), (808, 1368), (878, 1452), (950, 1524), (962, 1548), (981, 1590), (987, 1599), (1043, 1656), (1080, 1695), (1136, 1752), (1146, 1758), (1152, 1761), (1187, 1782), (1226, 1830), (1278, 1866), (1349, 1947), (1353, 1953),

Gene: Ghobes_1 Start: 60, Stop: 1760, Start Num: 71
Candidate Starts for Ghobes_1:
(52, 21), (Start: 71 @60 has 4 MA's), (Start: 297 @345 has 6 MA's), (Start: 333 @399 has 4 MA's), (399, 459), (472, 564), (484, 588), (515, 642), (591, 750), (622, 825), (630, 840), (648, 876), (670, 906), (764, 966), (873, 1107), (981, 1248), (983, 1251), (985, 1254), (987, 1257), (1003, 1278), (1020, 1293), (1133, 1425), (1176, 1479), (1197, 1503), (1385, 1695),

Gene: Ghoulboy_9 Start: 6238, Stop: 8016, Start Num: 54
Candidate Starts for Ghoulboy_9:
(Start: 54 @6238 has 19 MA's), (Start: 67 @6265 has 32 MA's), (Start: 115 @6334 has 1 MA's), (147, 6373), (Start: 237 @6448 has 1 MA's), (241, 6454), (362, 6586), (424, 6661), (425, 6664), (487, 6730), (551, 6838), (567, 6862), (620, 6970), (641, 7015), (690, 7093), (693, 7099), (696, 7102), (793, 7264), (798, 7270), (812, 7297), (983, 7492), (999, 7516), (1080, 7579), (1088, 7591), (1113, 7618), (1129, 7639), (1163, 7693), (1182, 7723), (1193, 7735), (1405, 7972), (1438, 8005), (1443, 8011),

Gene: GiKK_7 Start: 1487, Stop: 3187, Start Num: 167
Candidate Starts for GiKK_7:
(Start: 167 @1487 has 9 MA's), (Start: 232 @1541 has 1 MA's), (Start: 249 @1562 has 1 MA's), (266, 1589), (338, 1664), (362, 1700), (425, 1778), (487, 1853), (496, 1877), (513, 1907), (543, 1958), (595, 2057), (645, 2147), (701, 2237), (735, 2291), (780, 2366), (848, 2480), (866, 2504), (952, 2564), (954, 2570), (987, 2636), (992, 2642), (1080, 2726), (1100, 2747), (1146, 2807), (1149, 2813), (1165, 2846), (1277, 2969), (1295, 2990), (1370, 3080), (1372, 3083), (1400, 3113), (1454, 3173), (1456, 3176),

Gene: Giantsbane_7 Start: 3534, Stop: 5273, Start Num: 307

Candidate Starts for Giantsbane_7:
(Start: 303 @3528 has 2 MA's), (Start: 307 @3534 has 198 MA's), (367, 3633), (433, 3753), (485, 3852), (516, 3924), (556, 4002), (572, 4023), (611, 4125), (644, 4194), (656, 4218), (663, 4227), (750, 4380), (791, 4455), (805, 4479), (872, 4584), (892, 4608), (956, 4689), (1053, 4803), (1071, 4821), (1076, 4827), (1111, 4869), (1120, 4890), (1123, 4893), (1249, 5073), (1273, 5097), (1290, 5121), (1299, 5133), (1315, 5151), (1370, 5223), (1372, 5226),

Gene: Gibbous_4 Start: 1229, Stop: 2923, Start Num: 170
Candidate Starts for Gibbous_4:
(Start: 170 @1229 has 103 MA's), (214, 1259), (241, 1292), (Start: 249 @1301 has 1 MA's), (362, 1439), (490, 1601), (496, 1616), (513, 1646), (525, 1667), (543, 1697), (581, 1766), (590, 1784), (595, 1796), (603, 1817), (645, 1886), (675, 1928), (780, 2105), (808, 2156), (848, 2219), (866, 2243), (921, 2276), (953, 2309), (987, 2378), (1062, 2453), (1074, 2462), (1080, 2471), (1088, 2483), (1098, 2489), (1113, 2510), (1214, 2648), (1330, 2771), (1394, 2852), (1454, 2909), (1456, 2912),

Gene: Gibbzilla_2 Start: 311, Stop: 1765, Start Num: 235
Candidate Starts for Gibbzilla_2:
(109, 170), (125, 191), (Start: 191 @269 has 4 MA's), (Start: 230 @305 has 31 MA's), (Start: 235 @311 has 7 MA's), (Start: 301 @377 has 2 MA's), (Start: 322 @413 has 1 MA's), (419, 569), (425, 581), (451, 611), (463, 617), (465, 620), (474, 638), (594, 827), (611, 872), (636, 905), (744, 1004), (748, 1010), (804, 1085), (813, 1106), (820, 1115), (949, 1247), (952, 1253), (959, 1268), (1005, 1334), (1010, 1340), (1077, 1379), (1111, 1421), (1112, 1424), (1141, 1454), (1195, 1511), (1290, 1607), (1315, 1637), (1358, 1688), (1425, 1754),

Gene: Gideon_2 Start: 359, Stop: 1891, Start Num: 161
Candidate Starts for Gideon_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: GigiOuiOui_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for GigiOuiOui_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: Gilberta_12 Start: 8021, Stop: 9784, Start Num: 103
Candidate Starts for Gilberta_12:
(Start: 103 @8021 has 236 MA's), (Start: 121 @8042 has 5 MA's), (Start: 217 @8129 has 1 MA's), (298, 8258), (314, 8282), (362, 8345), (487, 8489), (512, 8540), (513, 8543), (581, 8654), (593, 8678), (594, 8681), (620, 8744), (623, 8753), (631, 8768), (704, 8885), (722, 8900), (751, 8960), (803, 9044), (992, 9272), (999, 9284), (1064, 9332), (1080, 9347), (1113, 9386), (1129, 9407), (1155, 9446), (1182, 9491), (1193, 9503), (1405, 9740), (1433, 9767),

Gene: Giles_5 Start: 1855, Stop: 3489, Start Num: 102
Candidate Starts for Giles_5:
(Start: 102 @1855 has 400 MA's), (Start: 153 @1894 has 15 MA's), (Start: 208 @1942 has 5 MA's), (342, 2113), (396, 2152), (512, 2332), (516, 2341), (522, 2350), (566, 2413), (570, 2419), (605, 2503), (606, 2506), (607, 2509), (675, 2605), (677, 2608), (680, 2617), (745, 2683), (766, 2713), (785, 2740), (807, 2773), (820, 2794), (822, 2797), (919, 2893), (946, 2914), (1002, 3004), (1051, 3046), (1074, 3064), (1078, 3070), (1146, 3133), (1149, 3139), (1150, 3142), (1187, 3187), (1191, 3193), (1213, 3220), (1226, 3235), (1290, 3286), (1297, 3295), (1309, 3310), (1317, 3313), (1346, 3352), (1358, 3367), (1371, 3382), (1374, 3385), (1460, 3463), (1462, 3469),

Gene: Gill_13 Start: 7213, Stop: 8958, Start Num: 307
Candidate Starts for Gill_13:
(Start: 307 @7213 has 198 MA's), (310, 7219), (363, 7306), (367, 7312), (387, 7348), (417, 7402), (556, 7687), (570, 7705), (572, 7708), (599, 7777), (644, 7879), (666, 7915), (680, 7936), (693, 7960), (728, 8017), (750, 8065), (785, 8131), (805, 8164), (808, 8170), (823, 8200), (837, 8221), (892, 8293), (1053, 8488), (1111, 8554), (1120, 8575), (1123, 8578), (1160, 8638), (1244, 8749), (1274, 8785), (1290, 8806), (1299, 8818), (1370, 8908), (1372, 8911),

Gene: Gillker_3 Start: 1074, Stop: 2534, Start Num: 250
Candidate Starts for Gillker_3:
(Start: 250 @1074 has 144 MA's), (Start: 254 @1080 has 2 MA's), (358, 1242), (363, 1251), (399, 1311), (444, 1380), (465, 1401), (488, 1452), (619, 1656), (806, 1869), (817, 1884), (842, 1920), (880, 1962), (911, 1995), (926, 2013), (1015, 2133), (1020, 2136), (1039, 2148), (1113, 2223), (1172, 2286), (1187, 2304), (1190, 2307), (1330, 2469), (1337, 2478), (1344, 2487), (1372, 2526),

Gene: GingkoMaracino_13 Start: 6843, Stop: 8543, Start Num: 105
Candidate Starts for GingkoMaracino_13:
(Start: 105 @6843 has 85 MA's), (Start: 145 @6891 has 1 MA's), (Start: 232 @6963 has 1 MA's), (302, 7026), (467, 7218), (513, 7305), (620, 7503), (675, 7593), (718, 7656), (809, 7818), (983, 8016), (999, 8040), (1001, 8043), (1080, 8106), (1100, 8127), (1129, 8166), (1193, 8262), (1241, 8316), (1279, 8352), (1405, 8499), (1435, 8529), (1438, 8532),

Gene: Giorgio_2 Start: 595, Stop: 2283, Start Num: 143
Candidate Starts for Giorgio_2:
(Start: 143 @595 has 16 MA's), (477, 940), (490, 964), (513, 1009), (573, 1096), (595, 1150), (617, 1189), (693, 1324), (759, 1426), (952, 1648), (983, 1699), (1165, 1918), (1193, 1954), (1209, 1969), (1372, 2194), (1381, 2206), (1399, 2221), (1445, 2272),

Gene: GirlDinner_6 Start: 2186, Stop: 3832, Start Num: 95
Candidate Starts for GirlDinner_6:
(Start: 95 @2186 has 98 MA's), (354, 2429), (362, 2444), (381, 2456), (485, 2582), (504, 2624), (508, 2630), (515, 2645), (575, 2732), (603, 2804), (620, 2828), (680, 2927), (701, 2963), (722, 2981), (813, 3104), (838, 3140), (992, 3302), (997, 3311), (1064, 3374), (1113, 3428), (1165, 3509), (1193, 3548), (1214, 3569), (1236, 3593), (1370, 3746), (1372, 3749),

Gene: GirlPower_7 Start: 3715, Stop: 5460, Start Num: 307
Candidate Starts for GirlPower_7:
(Start: 307 @3715 has 198 MA's), (342, 3769), (345, 3772), (363, 3808), (367, 3814), (488, 4048), (493, 4063), (556, 4189), (572, 4210), (589, 4252), (594, 4264), (637, 4363), (644, 4381), (680, 4438), (727, 4513), (791, 4642), (805, 4666), (808, 4672), (892, 4795), (926, 4834), (950, 4864), (1050, 4981), (1052, 4987), (1071, 5008), (1109, 5053), (1120, 5077), (1123, 5080), (1156, 5131), (1249, 5260), (1273, 5284), (1290, 5308), (1299, 5320), (1315, 5338), (1336, 5368), (1370, 5410), (1372, 5413),

Gene: Giroux_12 Start: 6496, Stop: 8193, Start Num: 102
Candidate Starts for Giroux_12:
(Start: 102 @6496 has 400 MA's), (Start: 124 @6520 has 46 MA's), (168, 6568), (381, 6766), (424, 6829), (508, 6940), (513, 6952), (538, 6991), (550, 7003), (581, 7060), (593, 7084), (620, 7150), (623, 7159), (675, 7240), (690, 7267), (774, 7405), (825, 7492), (848, 7525), (923, 7591), (983, 7666), (999, 7690), (1001, 7693), (1006, 7699), (1015, 7708), (1064, 7741), (1080, 7756), (1129, 7816), (1193, 7912), (1236, 7957), (1241, 7966), (1374, 8119), (1405, 8149), (1435, 8179), (1438, 8182),

Gene: Girr_2 Start: 573, Stop: 2210, Start Num: 155
Candidate Starts for Girr_2:
(Start: 155 @573 has 202 MA's), (163, 582), (Start: 176 @597 has 3 MA's), (Start: 204 @618 has 1 MA's), (Start: 247 @654 has 171 MA's), (Start: 250 @657 has 144 MA's), (261, 675), (Start: 318 @720 has 1 MA's), (353, 759), (412, 846), (454, 906), (484, 930), (487, 939), (488, 942), (496, 963), (508, 984), (516, 999), (548, 1056), (575, 1095), (602, 1164), (604, 1170), (621, 1200), (622, 1203), (627, 1212), (635, 1227), (647, 1245), (680, 1296), (736, 1389), (740, 1398), (862, 1569), (874, 1581), (983, 1665), (1005, 1695), (1007, 1698), (1010, 1701), (1080, 1758), (1097, 1773), (1101, 1779), (1104, 1782), (1113, 1797), (1117, 1806), (1164, 1875), (1190, 1905), (1196, 1914), (1225, 1947), (1250, 1980), (1265, 2007), (1297, 2040), (1325, 2070), (1349, 2091), (1365, 2115), (1372, 2124), (1374, 2127), (1429, 2184),

Gene: Gisselle_2 Start: 426, Stop: 1991, Start Num: 165
Candidate Starts for Gisselle_2:
(Start: 165 @426 has 76 MA's), (270, 549), (Start: 397 @690 has 4 MA's), (402, 696), (424, 741), (431, 756), (444, 762), (463, 780), (593, 1011), (595, 1017), (620, 1077), (770, 1236), (790, 1266), (803, 1281), (867, 1380), (936, 1440), (941, 1449), (983, 1524), (1009, 1557), (1020, 1566), (1046, 1593), (1105, 1647), (1133, 1689), (1212, 1755), (1328, 1857), (1451, 1977),

Gene: Gizermo_2 Start: 318, Stop: 1889, Start Num: 151
Candidate Starts for Gizermo_2:
(Start: 151 @318 has 55 MA's), (259, 426), (Start: 297 @474 has 6 MA's), (Start: 318 @504 has 1 MA's), (342, 537), (421, 621), (425, 630), (465, 666), (491, 726), (566, 816), (607, 912), (620, 936), (648, 978), (689, 1032), (723, 1071), (778, 1137), (789, 1149), (808, 1179), (840, 1212), (919, 1293), (959, 1338), (962, 1344), (971, 1365), (1054, 1455), (1109, 1500), (1112, 1506), (1142, 1536), (1146, 1539), (1187, 1593), (1216, 1629), (1280, 1680), (1331, 1740), (1334, 1743), (1371, 1785), (1461, 1872),

Gene: Gladiator_15 Start: 7507, Stop: 9261, Start Num: 103
Candidate Starts for Gladiator_15:
(Start: 103 @7507 has 236 MA's), (241, 7639), (298, 7738), (314, 7762), (Start: 330 @7789 has 14 MA's), (362, 7825), (424, 7900), (513, 8023), (523, 8038), (538, 8062), (581, 8131), (593, 8155), (594, 8158), (620, 8221), (631, 8245), (718, 8374), (722, 8377), (780, 8488), (914, 8650), (983, 8737), (992, 8749), (999, 8761), (1064, 8809), (1080, 8824), (1129, 8884), (1182, 8968), (1193, 8980), (1405, 9217), (1433, 9244), (1435, 9247),

Gene: Glaske_2 Start: 400, Stop: 2076, Start Num: 138
Candidate Starts for Glaske_2:
(Start: 138 @400 has 120 MA's), (Start: 318 @616 has 1 MA's), (349, 655), (380, 712), (384, 718), (396, 736), (421, 781), (426, 793), (431, 802), (444, 808), (483, 865), (490, 886), (495, 898), (558, 988), (659, 1177), (745, 1273), (766, 1303), (778, 1324), (902, 1465), (919, 1477), (959, 1522), (1107, 1675), (1112, 1684), (1139, 1711), (1172, 1753), (1187, 1771), (1278, 1855), (1290, 1870), (1463, 2059),

Gene: Glaske16_15 Start: 4718, Stop: 6262, Start Num: 170
Candidate Starts for Glaske16_15:

(Start: 170 @4718 has 103 MA's), (215, 4766), (398, 4967), (487, 5105), (606, 5297), (776, 5507), (809, 5558), (863, 5630), (959, 5693), (970, 5717), (977, 5732), (1041, 5792), (1050, 5804), (1113, 5864), (1142, 5897), (1160, 5930), (1190, 5957), (1228, 6005), (1400, 6191), (1420, 6212),

Gene: Glenn_5 Start: 3133, Stop: 4698, Start Num: 165
Candidate Starts for Glenn_5:
(Start: 165 @3133 has 76 MA's), (Start: 333 @3343 has 4 MA's), (334, 3346), (Start: 397 @3397 has 4 MA's), (431, 3463), (463, 3487), (584, 3703), (591, 3715), (593, 3718), (595, 3724), (620, 3784), (650, 3844), (658, 3856), (770, 3943), (790, 3973), (803, 3988), (852, 4069), (936, 4147), (941, 4156), (961, 4192), (983, 4231), (1009, 4264), (1020, 4273), (1046, 4300), (1105, 4354), (1133, 4396), (1197, 4441), (1212, 4462), (1232, 4486), (1328, 4564), (1451, 4684),

Gene: Glintora_16 Start: 10477, Stop: 12222, Start Num: 307
Candidate Starts for Glintora_16:
(Start: 307 @10477 has 198 MA's), (310, 10483), (363, 10570), (367, 10576), (387, 10612), (417, 10666), (420, 10672), (469, 10768), (502, 10843), (556, 10951), (572, 10972), (599, 11041), (644, 11143), (680, 11200), (709, 11257), (722, 11269), (750, 11329), (805, 11428), (808, 11434), (841, 11491), (892, 11557), (1050, 11743), (1053, 11752), (1088, 11794), (1111, 11818), (1120, 11839), (1123, 11842), (1288, 12067), (1290, 12070), (1299, 12082), (1370, 12172), (1372, 12175),

Gene: GlobiWarming_2 Start: 625, Stop: 2373, Start Num: 330
Candidate Starts for GlobiWarming_2:
(294, 574), (311, 601), (Start: 330 @625 has 14 MA's), (388, 718), (469, 859), (473, 865), (486, 898), (487, 901), (493, 919), (513, 961), (554, 1039), (566, 1063), (576, 1075), (590, 1114), (598, 1135), (611, 1168), (641, 1222), (656, 1255), (660, 1261), (732, 1363), (766, 1420), (774, 1435), (807, 1474), (873, 1570), (986, 1747), (994, 1762), (1011, 1786), (1135, 1969), (1147, 1996), (1158, 2020), (1165, 2038), (1187, 2068), (1232, 2125), (1253, 2152), (1281, 2176), (1289, 2185), (1332, 2236), (1372, 2290),

Gene: Glotell_2 Start: 370, Stop: 1992, Start Num: 193
Candidate Starts for Glotell_2:
(Start: 171 @349 has 16 MA's), (Start: 193 @370 has 21 MA's), (Start: 397 @601 has 4 MA's), (399, 604), (405, 613), (422, 649), (431, 667), (488, 745), (569, 850), (620, 964), (631, 988), (650, 1024), (665, 1045), (677, 1060), (713, 1120), (774, 1204), (954, 1420), (961, 1432), (975, 1459), (1003, 1498), (1009, 1504), (1048, 1543), (1080, 1570), (1096, 1582), (1117, 1615), (1126, 1627), (1151, 1660), (1305, 1831), (1364, 1900), (1369, 1906), (1385, 1927), (1403, 1948), (1447, 1978), (1449, 1981), (1451, 1984),

Gene: GoCrazy_7 Start: 3847, Stop: 5601, Start Num: 307
Candidate Starts for GoCrazy_7:
(279, 3793), (Start: 303 @3841 has 2 MA's), (Start: 307 @3847 has 198 MA's), (363, 3940), (367, 3946), (469, 4138), (502, 4213), (516, 4243), (532, 4273), (556, 4321), (572, 4342), (644, 4513), (750, 4699), (805, 4798), (847, 4870), (892, 4927), (950, 5005), (956, 5017), (1053, 5131), (1071, 5149), (1109, 5194), (1120, 5218), (1123, 5221), (1150, 5260), (1249, 5401), (1288, 5446), (1290, 5449), (1299, 5461), (1336, 5509), (1363, 5542), (1370, 5551), (1372, 5554),

Gene: GoblinVoyage_7 Start: 2654, Stop: 4399, Start Num: 307
Candidate Starts for GoblinVoyage_7:
(Start: 307 @2654 has 198 MA's), (310, 2660), (342, 2708), (363, 2747), (367, 2753), (516, 3050), (556, 3128), (570, 3146), (572, 3149), (599, 3218), (611, 3251), (644, 3320), (699, 3413), (750, 3506), (808, 3611), (892, 3734), (950, 3806), (1071, 3947), (1120, 4016), (1123, 4019), (1223, 4157), (1274, 4226), (1290, 4247), (1293, 4250), (1299, 4259), (1315, 4277), (1336, 4307), (1370, 4349), (1372, 4352),

Gene: Goby_6 Start: 2377, Stop: 4023, Start Num: 95
Candidate Starts for Goby_6:
(Start: 95 @2377 has 98 MA's), (Start: 113 @2395 has 11 MA's), (Start: 330 @2599 has 14 MA's), (362, 2635), (504, 2815), (515, 2836), (575, 2923), (603, 2995), (620, 3019), (680, 3118), (690, 3133), (704, 3157), (712, 3163), (838, 3331), (903, 3391), (983, 3481), (997, 3502), (1088, 3592), (1129, 3640), (1193, 3739), (1214, 3760), (1219, 3766), (1236, 3784), (1372, 3940),

Gene: GodSpeed_2 Start: 359, Stop: 1906, Start Num: 161
Candidate Starts for GodSpeed_2:
(Start: 161 @359 has 29 MA's), (399, 632), (463, 719), (490, 779), (499, 800), (594, 932), (607, 968), (618, 989), (640, 1019), (675, 1058), (679, 1067), (820, 1220), (882, 1298), (923, 1343), (926, 1346), (962, 1394), (977, 1418), (1074, 1493), (1160, 1607), (1187, 1631), (1205, 1652), (1263, 1703), (1277, 1715), (1280, 1718), (1353, 1811), (1425, 1895), (1431, 1901),

Gene: Godfather_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for Godfather_3:
(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (806, 1881), (817, 1896), (842, 1932), (880, 1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298), (1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: Godpower_7 Start: 2380, Stop: 4026, Start Num: 95
Candidate Starts for Godpower_7:
(Start: 95 @2380 has 98 MA's), (Start: 113 @2398 has 11 MA's), (Start: 330 @2602 has 14 MA's), (362, 2638), (504, 2818), (515, 2839), (575, 2926), (603, 2998), (620, 3022), (680, 3121), (690, 3136), (704, 3160), (712, 3166), (838, 3334), (983, 3484), (997, 3505), (1088, 3595), (1165, 3703), (1193, 3742), (1214, 3763), (1219, 3769), (1236, 3787), (1372, 3943),

Gene: Goib_8 Start: 3467, Stop: 5074, Start Num: 207
Candidate Starts for Goib_8:
(Start: 133 @3389 has 3 MA's), (Start: 207 @3467 has 6 MA's), (402, 3695), (463, 3779), (474, 3800), (484, 3821), (569, 3959), (595, 4013), (632, 4100), (634, 4103), (650, 4133), (774, 4238), (838, 4340), (941, 4463), (991, 4550), (1004, 4565), (1020, 4580), (1081, 4643), (1139, 4712), (1163, 4754), (1177, 4778), (1219, 4829), (1221, 4832), (1274, 4865), (1328, 4931), (1371, 4982), (1453, 5060), (1459, 5066),

Gene: GoldHunter_5 Start: 1113, Stop: 2792, Start Num: 170
Candidate Starts for GoldHunter_5:
(Start: 170 @1113 has 103 MA's), (Start: 232 @1164 has 1 MA's), (Start: 249 @1185 has 1 MA's), (Start: 251 @1188 has 3 MA's), (304, 1230), (362, 1311), (415, 1377), (424, 1386), (485, 1458), (490, 1473), (509, 1509), (513, 1518), (543, 1569), (595, 1668), (623, 1722), (645, 1758), (735, 1902), (760, 1938), (780, 1977), (798, 2010), (825, 2058), (848, 2091), (866, 2115), (921, 2148), (954, 2181), (981, 2238), (987, 2247), (1076, 2331), (1146, 2418), (1214, 2514), (1282, 2586), (1292, 2598), (1394, 2718), (1454, 2778), (1456, 2781),

Gene: GoldenAsh_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for GoldenAsh_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802),

(1428, 1883),

Gene: GoldenBlanche_3 Start: 1074, Stop: 2534, Start Num: 250
Candidate Starts for GoldenBlanche_3:
(Start: 250 @1074 has 144 MA's), (Start: 254 @1080 has 2 MA's), (358, 1242), (363, 1251), (399, 1311), (444, 1380), (465, 1401), (488, 1452), (619, 1656), (806, 1869), (817, 1884), (842, 1920), (880, 1962), (911, 1995), (926, 2013), (1015, 2133), (1020, 2136), (1039, 2148), (1113, 2223), (1172, 2286), (1187, 2304), (1190, 2307), (1330, 2469), (1337, 2478), (1344, 2487), (1372, 2526),

Gene: GoldenSpark_10 Start: 2509, Stop: 4179, Start Num: 394
Candidate Starts for GoldenSpark_10:
(Start: 394 @2509 has 48 MA's), (427, 2572), (551, 2806), (598, 2908), (693, 3088), (710, 3112), (724, 3130), (732, 3142), (768, 3205), (776, 3217), (808, 3262), (815, 3277), (873, 3355), (911, 3400), (934, 3454), (935, 3460), (1000, 3574), (1037, 3622), (1104, 3718), (1124, 3754), (1218, 3907), (1232, 3919), (1279, 3976), (1307, 4012), (1346, 4063), (1372, 4099), (1374, 4102), (1438, 4168),

Gene: Goldilocks_10 Start: 2509, Stop: 4179, Start Num: 394
Candidate Starts for Goldilocks_10:
(Start: 394 @2509 has 48 MA's), (427, 2572), (551, 2806), (598, 2908), (693, 3088), (710, 3112), (724, 3130), (732, 3142), (768, 3205), (776, 3217), (808, 3262), (815, 3277), (873, 3355), (911, 3400), (934, 3454), (935, 3460), (1000, 3574), (1037, 3622), (1104, 3718), (1116, 3739), (1124, 3754), (1218, 3907), (1232, 3919), (1279, 3976), (1307, 4012), (1346, 4063), (1372, 4099), (1374, 4102), (1438, 4168),

Gene: Gollum_8 Start: 3156, Stop: 4838, Start Num: 107
Candidate Starts for Gollum_8:
(Start: 107 @3156 has 35 MA's), (Start: 309 @3342 has 15 MA's), (362, 3414), (381, 3426), (402, 3450), (408, 3462), (513, 3615), (523, 3630), (567, 3690), (620, 3798), (647, 3855), (770, 4053), (780, 4071), (812, 4125), (956, 4269), (983, 4311), (1006, 4344), (1088, 4413), (1193, 4557), (1236, 4602), (1292, 4662), (1372, 4761), (1405, 4794), (1433, 4821), (1435, 4824), (1438, 4827),

Gene: Gomashi_2 Start: 456, Stop: 1892, Start Num: 262
Candidate Starts for Gomashi_2:
(Start: 161 @360 has 29 MA's), (Start: 262 @456 has 67 MA's), (Start: 273 @459 has 4 MA's), (Start: 299 @495 has 5 MA's), (Start: 322 @534 has 1 MA's), (425, 696), (487, 783), (490, 792), (499, 810), (505, 822), (594, 942), (607, 978), (618, 999), (636, 1020), (675, 1068), (679, 1077), (820, 1230), (865, 1290), (882, 1308), (949, 1359), (962, 1386), (972, 1401), (973, 1404), (1074, 1485), (1109, 1530), (1172, 1605), (1187, 1623), (1205, 1644), (1259, 1689), (1277, 1707), (1280, 1710), (1353, 1803), (1428, 1884),

Gene: Gompeii16_11 Start: 7207, Stop: 8895, Start Num: 102
Candidate Starts for Gompeii16_11:
(Start: 102 @7207 has 400 MA's), (381, 7471), (402, 7495), (513, 7657), (535, 7690), (581, 7765), (620, 7855), (631, 7879), (647, 7906), (679, 7954), (774, 8110), (809, 8170), (1001, 8395), (1009, 8404), (1021, 8416), (1080, 8458), (1100, 8479), (1117, 8506), (1193, 8614), (1279, 8704), (1365, 8809),

Gene: Gonephishing_10 Start: 4236, Stop: 5768, Start Num: 233
Candidate Starts for Gonephishing_10:
(159, 4152), (Start: 198 @4194 has 4 MA's), (Start: 205 @4203 has 1 MA's), (Start: 233 @4236 has 12 MA's), (331, 4350), (380, 4413), (Start: 403 @4446 has 1 MA's), (405, 4449), (424, 4488), (426, 4494), (484, 4569), (500, 4605), (566, 4680), (568, 4683), (583, 4719), (599, 4752), (766, 5001), (808, 5064), (822, 5091), (960, 5250), (975, 5286), (1005, 5316), (1015, 5325), (1082, 5379), (1112, 5403), (1349,

5637), (1358, 5649),

Gene: GooberAzure_10 Start: 2509, Stop: 4179, Start Num: 394
Candidate Starts for GooberAzure_10:
(Start: 394 @2509 has 48 MA's), (427, 2572), (551, 2806), (598, 2908), (693, 3088), (710, 3112), (724, 3130), (732, 3142), (768, 3205), (776, 3217), (808, 3262), (815, 3277), (873, 3355), (911, 3400), (934, 3454), (935, 3460), (1000, 3574), (1037, 3622), (1104, 3718), (1124, 3754), (1218, 3907), (1232, 3919), (1279, 3976), (1307, 4012), (1346, 4063), (1372, 4099), (1374, 4102), (1438, 4168),

Gene: Goobery_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for Goobery_3:
(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (806, 1881), (817, 1896), (842, 1932), (880, 1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298), (1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: GoodLuckBabe_6 Start: 1957, Stop: 3657, Start Num: 209
Candidate Starts for GoodLuckBabe_6:
(Start: 155 @1900 has 202 MA's), (Start: 190 @1936 has 1 MA's), (Start: 209 @1957 has 22 MA's), (Start: 295 @2080 has 6 MA's), (Start: 309 @2101 has 15 MA's), (339, 2149), (399, 2194), (422, 2239), (431, 2257), (434, 2260), (444, 2263), (569, 2440), (620, 2554), (650, 2614), (665, 2635), (703, 2701), (803, 2866), (852, 2932), (865, 2947), (973, 3118), (1009, 3166), (1020, 3175), (1061, 3217), (1100, 3250), (1126, 3289), (1177, 3331), (1283, 3421), (1305, 3448), (1307, 3451), (1313, 3457), (1364, 3520), (1433, 3598), (1464, 3646),

Gene: GoongGoong_34 Start: 10340, Stop: 12082, Start Num: 170
Candidate Starts for GoongGoong_34:
(Start: 170 @10340 has 103 MA's), (302, 10457), (Start: 330 @10502 has 14 MA's), (369, 10568), (374, 10583), (402, 10616), (Start: 403 @10619 has 1 MA's), (411, 10634), (425, 10658), (426, 10661), (467, 10691), (479, 10712), (485, 10730), (488, 10739), (505, 10775), (513, 10790), (543, 10835), (575, 10877), (590, 10916), (595, 10928), (603, 10949), (632, 11000), (647, 11021), (798, 11243), (866, 11348), (874, 11357), (930, 11390), (954, 11411), (956, 11414), (969, 11441), (983, 11471), (992, 11483), (1001, 11498), (1009, 11507), (1015, 11513), (1062, 11555), (1074, 11564), (1084, 11579), (1100, 11594), (1146, 11654), (1163, 11693), (1185, 11726), (1214, 11756), (1217, 11759), (1265, 11843), (1292, 11897), (1304, 11912), (1332, 11939), (1372, 11993), (1451, 12065), (1453, 12068),

Gene: Goose_11 Start: 6707, Stop: 8380, Start Num: 102
Candidate Starts for Goose_11:
(Start: 102 @6707 has 400 MA's), (Start: 251 @6836 has 3 MA's), (Start: 318 @6902 has 1 MA's), (381, 6968), (412, 7013), (467, 7067), (490, 7109), (513, 7154), (538, 7193), (575, 7241), (581, 7262), (593, 7286), (620, 7337), (693, 7460), (735, 7529), (782, 7607), (816, 7667), (848, 7712), (923, 7778), (981, 7850), (983, 7853), (999, 7877), (1080, 7943), (1113, 7982), (1115, 7985), (1129, 8003), (1193, 8099), (1250, 8168), (1405, 8336), (1435, 8366), (1438, 8369),

Gene: Gordon_7 Start: 4842, Stop: 6581, Start Num: 307
Candidate Starts for Gordon_7:
(Start: 307 @4842 has 198 MA's), (367, 4941), (433, 5061), (485, 5160), (502, 5202), (516, 5232), (532, 5262), (556, 5310), (572, 5331), (611, 5433), (644, 5502), (656, 5526), (709, 5616), (750, 5688), (791, 5763), (805, 5787), (872, 5892), (892, 5916), (956, 5997), (1053, 6111), (1071, 6129), (1076, 6135), (1120, 6198), (1123, 6201), (1252, 6390), (1273, 6405), (1276, 6411), (1290, 6429), (1299, 6441), (1370, 6531), (1372, 6534),

Gene: Gorge_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for Gorge_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 217 @629 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (454, 905), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (717, 1346), (736, 1388), (740, 1397), (862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1250, 1979), (1265, 2006), (1297, 2039), (1320, 2066), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: Goulash_3 Start: 1074, Stop: 2534, Start Num: 250
Candidate Starts for Goulash_3:
(Start: 250 @1074 has 144 MA's), (Start: 254 @1080 has 2 MA's), (358, 1242), (363, 1251), (399, 1311), (444, 1380), (465, 1401), (488, 1452), (619, 1656), (806, 1869), (817, 1884), (842, 1920), (880, 1962), (911, 1995), (926, 2013), (1015, 2133), (1020, 2136), (1039, 2148), (1113, 2223), (1172, 2286), (1187, 2304), (1190, 2307), (1330, 2469), (1337, 2478), (1344, 2487), (1372, 2526),

Gene: Graduation_13 Start: 7769, Stop: 9457, Start Num: 102
Candidate Starts for Graduation_13:
(Start: 102 @7769 has 400 MA's), (381, 8033), (402, 8057), (513, 8219), (535, 8252), (581, 8327), (620, 8417), (631, 8441), (679, 8516), (774, 8672), (778, 8681), (808, 8729), (809, 8732), (1001, 8957), (1009, 8966), (1021, 8978), (1080, 9020), (1100, 9041), (1117, 9068), (1193, 9176), (1279, 9266), (1365, 9371),

Gene: GramZayde_3 Start: 850, Stop: 2331, Start Num: 309
Candidate Starts for GramZayde_3:
(Start: 171 @685 has 16 MA's), (Start: 309 @850 has 15 MA's), (334, 889), (Start: 397 @940 has 4 MA's), (405, 952), (422, 988), (431, 1006), (569, 1189), (620, 1303), (625, 1315), (650, 1363), (665, 1384), (677, 1399), (713, 1456), (961, 1771), (1003, 1837), (1015, 1849), (1048, 1882), (1096, 1921), (1105, 1933), (1117, 1954), (1151, 1999), (1176, 2029), (1212, 2074), (1257, 2116), (1364, 2239), (1369, 2245), (1385, 2266), (1394, 2278), (1447, 2317), (1449, 2320),

Gene: GrandSlam_6 Start: 1978, Stop: 3408, Start Num: 317
Candidate Starts for GrandSlam_6:
(Start: 176 @1810 has 3 MA's), (Start: 179 @1813 has 1 MA's), (188, 1822), (Start: 317 @1978 has 15 MA's), (Start: 330 @1996 has 14 MA's), (431, 2119), (459, 2137), (481, 2176), (484, 2185), (536, 2269), (594, 2353), (600, 2368), (613, 2401), (659, 2467), (752, 2599), (893, 2788), (954, 2848), (973, 2890), (1023, 2941), (1111, 3016), (1112, 3019), (1139, 3046), (1187, 3106), (1213, 3139), (1226, 3154), (1278, 3190), (1317, 3232), (1336, 3259), (1371, 3295), (1377, 3301), (1409, 3340),

Gene: Gratitude_13 Start: 7926, Stop: 9713, Start Num: 103
Candidate Starts for Gratitude_13:
(23, 7740), (50, 7842), (Start: 103 @7926 has 236 MA's), (Start: 217 @8034 has 1 MA's), (234, 8055), (288, 8145), (298, 8163), (487, 8394), (512, 8445), (513, 8448), (581, 8556), (620, 8646), (631, 8670), (722, 8802), (983, 9189), (1113, 9315), (1129, 9336), (1182, 9420), (1193, 9432), (1405, 9669), (1433, 9696), (1435, 9699), (1438, 9702), (1440, 9705),

Gene: Gravaillia_5 Start: 1594, Stop: 3228, Start Num: 102
Candidate Starts for Gravaillia_5:
(Start: 102 @1594 has 400 MA's), (Start: 153 @1633 has 15 MA's), (Start: 208 @1681 has 5 MA's), (342, 1852), (396, 1891), (512, 2071), (516, 2080), (522, 2089), (566, 2152), (570, 2158), (605, 2242),

(606, 2245), (607, 2248), (675, 2344), (677, 2347), (680, 2356), (745, 2422), (766, 2452), (785, 2479), (807, 2512), (820, 2533), (822, 2536), (919, 2632), (946, 2653), (1002, 2743), (1051, 2785), (1074, 2803), (1078, 2809), (1146, 2872), (1149, 2878), (1150, 2881), (1187, 2926), (1191, 2932), (1213, 2959), (1226, 2974), (1290, 3025), (1297, 3034), (1309, 3049), (1317, 3052), (1346, 3091), (1358, 3106), (1371, 3121), (1374, 3124), (1460, 3202), (1462, 3208),

Gene: Gravel_4 Start: 958, Stop: 2538, Start Num: 238
Candidate Starts for Gravel_4:
(Start: 171 @892 has 16 MA's), (Start: 238 @958 has 22 MA's), (Start: 309 @1054 has 15 MA's), (314, 1063), (Start: 318 @1072 has 1 MA's), (334, 1093), (374, 1117), (Start: 397 @1144 has 4 MA's), (405, 1156), (424, 1195), (431, 1210), (463, 1234), (474, 1255), (598, 1456), (620, 1507), (628, 1525), (650, 1567), (665, 1588), (700, 1648), (720, 1678), (731, 1687), (774, 1750), (961, 1978), (983, 2017), (1003, 2044), (1020, 2059), (1048, 2089), (1096, 2128), (1151, 2206), (1176, 2236), (1200, 2263), (1364, 2446), (1369, 2452), (1385, 2473), (1449, 2527),

Gene: Gravy_13 Start: 7213, Stop: 8958, Start Num: 307
Candidate Starts for Gravy_13:
(Start: 307 @7213 has 198 MA's), (310, 7219), (363, 7306), (367, 7312), (387, 7348), (417, 7402), (556, 7687), (570, 7705), (572, 7708), (599, 7777), (644, 7879), (666, 7915), (680, 7936), (693, 7960), (728, 8017), (750, 8065), (785, 8131), (805, 8164), (808, 8170), (823, 8200), (837, 8221), (892, 8293), (1053, 8488), (1111, 8554), (1120, 8575), (1123, 8578), (1160, 8638), (1244, 8749), (1274, 8785), (1290, 8806), (1299, 8818), (1336, 8866), (1370, 8908), (1372, 8911),

Gene: Graynor_5 Start: 3279, Stop: 4661, Start Num: 314
Candidate Starts for Graynor_5:
(Start: 165 @3093 has 76 MA's), (314, 3279), (334, 3309), (Start: 397 @3360 has 4 MA's), (405, 3372), (419, 3402), (426, 3417), (518, 3552), (569, 3633), (593, 3681), (620, 3747), (643, 3795), (648, 3804), (753, 3879), (770, 3906), (790, 3936), (961, 4155), (1009, 4227), (1046, 4263), (1133, 4359), (1212, 4425), (1264, 4455), (1274, 4461), (1328, 4527), (1451, 4647),

Gene: Grayscar_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for Grayscar_3:
(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (806, 1881), (817, 1896), (842, 1932), (880, 1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298), (1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: GreaseLightnin_2 Start: 413, Stop: 2089, Start Num: 138
Candidate Starts for GreaseLightnin_2:
(Start: 138 @413 has 120 MA's), (Start: 318 @629 has 1 MA's), (349, 668), (380, 725), (384, 731), (396, 749), (421, 794), (426, 806), (431, 815), (444, 821), (483, 878), (490, 899), (495, 911), (558, 1001), (659, 1190), (745, 1286), (766, 1316), (778, 1337), (919, 1490), (1107, 1688), (1112, 1697), (1139, 1724), (1172, 1766), (1187, 1784), (1278, 1868), (1290, 1883), (1463, 2072),

Gene: GrecoEtereo_12 Start: 7307, Stop: 8995, Start Num: 102
Candidate Starts for GrecoEtereo_12:
(Start: 102 @7307 has 400 MA's), (381, 7571), (402, 7595), (513, 7757), (535, 7790), (581, 7865), (620, 7955), (631, 7979), (647, 8006), (679, 8054), (728, 8123), (774, 8210), (809, 8270), (1009, 8504), (1080, 8558), (1100, 8579), (1117, 8606), (1193, 8714), (1279, 8804), (1365, 8909),

Gene: GreedyLawyer_15 Start: 7533, Stop: 9287, Start Num: 103
Candidate Starts for GreedyLawyer_15:

(Start: 103 @7533 has 236 MA's), (298, 7764), (Start: 330 @7815 has 14 MA's), (362, 7851), (424, 7926), (513, 8049), (538, 8088), (581, 8157), (593, 8181), (594, 8184), (620, 8247), (631, 8271), (693, 8370), (696, 8373), (718, 8400), (722, 8403), (923, 8688), (992, 8775), (999, 8787), (1080, 8850), (1113, 8889), (1129, 8910), (1182, 8994), (1193, 9006), (1405, 9243), (1433, 9270), (1435, 9273),

Gene: GreenHearts_5 Start: 3132, Stop: 4697, Start Num: 165
Candidate Starts for GreenHearts_5:
(Start: 165 @3132 has 76 MA's), (Start: 309 @3306 has 15 MA's), (Start: 333 @3342 has 4 MA's), (Start: 397 @3396 has 4 MA's), (Start: 403 @3405 has 1 MA's), (419, 3438), (426, 3453), (431, 3462), (518, 3588), (584, 3702), (591, 3714), (593, 3717), (595, 3723), (620, 3783), (650, 3843), (770, 3942), (790, 3972), (803, 3987), (827, 4035), (941, 4155), (983, 4230), (1009, 4263), (1046, 4299), (1117, 4374), (1133, 4395), (1176, 4416), (1232, 4485), (1328, 4563), (1361, 4602), (1393, 4632), (1404, 4644), (1451, 4683), (1458, 4692),

Gene: Greenhouse_5 Start: 3101, Stop: 4666, Start Num: 165
Candidate Starts for Greenhouse_5:
(Start: 165 @3101 has 76 MA's), (Start: 309 @3275 has 15 MA's), (Start: 333 @3311 has 4 MA's), (Start: 397 @3365 has 4 MA's), (Start: 403 @3374 has 1 MA's), (419, 3407), (431, 3431), (584, 3671), (593, 3686), (595, 3692), (620, 3752), (650, 3812), (748, 3878), (770, 3911), (790, 3941), (803, 3956), (827, 4004), (941, 4124), (983, 4199), (1009, 4232), (1117, 4343), (1133, 4364), (1176, 4385), (1232, 4454), (1328, 4532), (1361, 4571), (1393, 4601), (1404, 4613), (1451, 4652), (1458, 4661),

Gene: Greg_13 Start: 7320, Stop: 9008, Start Num: 110
Candidate Starts for Greg_13:
(Start: 110 @7320 has 24 MA's), (302, 7491), (Start: 309 @7500 has 15 MA's), (381, 7584), (Start: 403 @7611 has 1 MA's), (408, 7620), (513, 7770), (535, 7803), (581, 7878), (620, 7968), (631, 7992), (647, 8019), (679, 8067), (774, 8223), (809, 8283), (1009, 8517), (1080, 8571), (1100, 8592), (1117, 8619), (1193, 8727), (1279, 8817), (1365, 8922),

Gene: Gretchen_2 Start: 640, Stop: 2388, Start Num: 122
Candidate Starts for Gretchen_2:
(Start: 122 @640 has 14 MA's), (Start: 143 @658 has 16 MA's), (477, 1000), (504, 1051), (513, 1069), (571, 1162), (595, 1219), (851, 1642), (983, 1804), (987, 1810), (1146, 1984), (1193, 2059), (1209, 2074), (1269, 2155), (1355, 2278), (1372, 2299), (1381, 2311),

Gene: Grif_13 Start: 7040, Stop: 8740, Start Num: 105
Candidate Starts for Grif_13:
(Start: 105 @7040 has 85 MA's), (Start: 145 @7088 has 1 MA's), (302, 7223), (467, 7415), (513, 7502), (620, 7700), (675, 7790), (718, 7853), (809, 8015), (983, 8213), (999, 8237), (1001, 8240), (1080, 8303), (1100, 8324), (1129, 8363), (1193, 8459), (1241, 8513), (1279, 8549), (1405, 8696), (1435, 8726), (1438, 8729),

Gene: GrimEater_2 Start: 464, Stop: 1984, Start Num: 198
Candidate Starts for GrimEater_2:
(Start: 198 @464 has 4 MA's), (Start: 295 @590 has 6 MA's), (316, 620), (342, 656), (483, 827), (485, 833), (572, 950), (607, 1034), (618, 1055), (637, 1088), (650, 1112), (702, 1184), (866, 1412), (940, 1484), (957, 1514), (1080, 1643), (1136, 1700), (1150, 1715), (1263, 1802), (1312, 1856), (1413, 1973),

Gene: Grimmer_3 Start: 1235, Stop: 2872, Start Num: 155
Candidate Starts for Grimmer_3:
(Start: 146 @1232 has 2 MA's), (Start: 155 @1235 has 202 MA's), (Start: 176 @1259 has 3 MA's), (182, 1265), (Start: 204 @1280 has 1 MA's), (Start: 217 @1292 has 1 MA's), (Start: 247 @1316 has

171 MA's), (Start: 250 @1319 has 144 MA's), (Start: 318 @1382 has 1 MA's), (Start: 330 @1400 has 14 MA's), (353, 1421), (412, 1508), (414, 1514), (454, 1568), (473, 1580), (484, 1592), (487, 1601), (488, 1604), (496, 1625), (508, 1646), (548, 1718), (575, 1757), (602, 1826), (604, 1832), (621, 1862), (622, 1865), (627, 1874), (635, 1889), (647, 1907), (680, 1958), (740, 2060), (862, 2231), (874, 2243), (983, 2327), (1005, 2357), (1007, 2360), (1010, 2363), (1080, 2420), (1097, 2435), (1101, 2441), (1104, 2444), (1113, 2459), (1117, 2468), (1164, 2537), (1190, 2567), (1239, 2627), (1250, 2642), (1265, 2669), (1297, 2702), (1315, 2723), (1320, 2729), (1325, 2732), (1349, 2753), (1365, 2777), (1372, 2786), (1374, 2789), (1429, 2846),

Gene: Grizzly_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for Grizzly_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (498, 806), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (977, 1409), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: GrootJr_26 Start: 12510, Stop: 14237, Start Num: 153
Candidate Starts for GrootJr_26:
(30, 12276), (Start: 72 @12405 has 7 MA's), (Start: 153 @12510 has 15 MA's), (Start: 317 @12660 has 15 MA's), (351, 12711), (353, 12717), (379, 12756), (Start: 403 @12786 has 1 MA's), (414, 12810), (424, 12828), (437, 12855), (464, 12918), (473, 12936), (621, 13221), (635, 13248), (691, 13332), (740, 13416), (748, 13428), (768, 13461), (824, 13539), (883, 13617), (983, 13689), (1007, 13722), (1054, 13785), (1080, 13812), (1104, 13836), (1117, 13860), (1196, 13959), (1237, 14007), (1365, 14145), (1387, 14175), (1445, 14229),

Gene: GroundGoblin_12 Start: 7559, Stop: 9247, Start Num: 102
Candidate Starts for GroundGoblin_12:
(Start: 102 @7559 has 400 MA's), (Start: 309 @7739 has 15 MA's), (381, 7823), (408, 7859), (424, 7886), (513, 8009), (535, 8042), (581, 8117), (620, 8207), (631, 8231), (647, 8258), (679, 8306), (728, 8375), (767, 8450), (774, 8462), (778, 8471), (809, 8522), (1001, 8747), (1009, 8756), (1021, 8768), (1080, 8810), (1100, 8831), (1117, 8858), (1193, 8966), (1279, 9056), (1365, 9161),

Gene: Groundhog_8 Start: 5670, Stop: 7424, Start Num: 67
Candidate Starts for Groundhog_8:
(Start: 67 @5670 has 32 MA's), (92, 5712), (Start: 128 @5751 has 7 MA's), (241, 5859), (424, 6066), (567, 6267), (620, 6375), (693, 6504), (793, 6669), (812, 6702), (926, 6822), (983, 6897), (1100, 7008), (1113, 7026), (1129, 7047), (1163, 7101), (1193, 7143), (1292, 7248), (1372, 7347), (1405, 7380), (1438, 7413), (1443, 7419),

Gene: Groupthink_14 Start: 7029, Stop: 8729, Start Num: 105
Candidate Starts for Groupthink_14:
(Start: 105 @7029 has 85 MA's), (Start: 145 @7077 has 1 MA's), (Start: 232 @7149 has 1 MA's), (302, 7212), (513, 7491), (620, 7689), (675, 7779), (718, 7842), (809, 8004), (983, 8202), (999, 8226), (1001, 8229), (1080, 8292), (1088, 8304), (1100, 8313), (1113, 8331), (1129, 8352), (1193, 8448), (1241, 8502), (1279, 8538), (1405, 8685), (1435, 8715), (1438, 8718),

Gene: Grub_13 Start: 6949, Stop: 8649, Start Num: 105
Candidate Starts for Grub_13:
(Start: 105 @6949 has 85 MA's), (Start: 145 @6997 has 1 MA's), (302, 7132), (467, 7324), (513, 7411), (620, 7609), (675, 7699), (718, 7762), (809, 7924), (983, 8122), (999, 8146), (1001, 8149), (1080, 8212), (1100, 8233), (1129, 8272), (1193, 8368), (1241, 8422), (1279, 8458), (1405, 8605), (1435,

8635), (1438, 8638),

Gene: Grum1_13 Start: 6950, Stop: 8650, Start Num: 105
Candidate Starts for Grum1_13:
(Start: 105 @6950 has 85 MA's), (Start: 145 @6998 has 1 MA's), (302, 7133), (467, 7325), (513, 7412), (620, 7610), (675, 7700), (718, 7763), (809, 7925), (983, 8123), (999, 8147), (1001, 8150), (1080, 8213), (1100, 8234), (1129, 8273), (1193, 8369), (1241, 8423), (1279, 8459), (1405, 8606), (1435, 8636), (1438, 8639),

Gene: Gruunaga_15 Start: 7507, Stop: 9261, Start Num: 103
Candidate Starts for Gruunaga_15:
(Start: 103 @7507 has 236 MA's), (241, 7639), (298, 7738), (314, 7762), (Start: 330 @7789 has 14 MA's), (362, 7825), (424, 7900), (513, 8023), (523, 8038), (538, 8062), (581, 8131), (593, 8155), (594, 8158), (620, 8221), (631, 8245), (718, 8374), (722, 8377), (780, 8488), (914, 8650), (983, 8737), (992, 8749), (999, 8761), (1064, 8809), (1080, 8824), (1129, 8884), (1182, 8968), (1193, 8980), (1405, 9217), (1433, 9244), (1435, 9247),

Gene: Gsput1_5 Start: 1941, Stop: 3626, Start Num: 133
Candidate Starts for Gsput1_5:
(Start: 133 @1941 has 3 MA's), (Start: 155 @1968 has 202 MA's), (Start: 225 @2022 has 84 MA's), (Start: 309 @2133 has 15 MA's), (Start: 397 @2223 has 4 MA's), (402, 2229), (405, 2235), (422, 2271), (426, 2280), (474, 2334), (497, 2385), (569, 2493), (593, 2541), (595, 2547), (631, 2631), (632, 2634), (634, 2637), (650, 2667), (753, 2739), (774, 2772), (815, 2838), (838, 2874), (981, 3069), (1081, 3171), (1221, 3360), (1237, 3378), (1274, 3393), (1307, 3435), (1328, 3459), (1385, 3528), (1459, 3618),

Gene: GtownJaz_13 Start: 6958, Stop: 8658, Start Num: 105
Candidate Starts for GtownJaz_13:
(Start: 105 @6958 has 85 MA's), (Start: 145 @7006 has 1 MA's), (302, 7141), (467, 7333), (513, 7420), (620, 7618), (675, 7708), (718, 7771), (809, 7933), (983, 8131), (999, 8155), (1001, 8158), (1080, 8221), (1100, 8242), (1129, 8281), (1193, 8377), (1241, 8431), (1279, 8467), (1405, 8614), (1435, 8644), (1438, 8647),

Gene: Guacamole_2 Start: 361, Stop: 1929, Start Num: 173
Candidate Starts for Guacamole_2:
(65, 256), (Start: 173 @361 has 36 MA's), (259, 445), (289, 478), (Start: 318 @520 has 1 MA's), (Start: 333 @538 has 4 MA's), (342, 553), (384, 574), (399, 595), (419, 634), (465, 694), (483, 730), (487, 742), (513, 784), (520, 796), (539, 823), (593, 901), (648, 1006), (661, 1021), (675, 1036), (745, 1114), (778, 1165), (919, 1321), (946, 1342), (956, 1360), (959, 1366), (1002, 1432), (1015, 1444), (1071, 1489), (1074, 1492), (1078, 1498), (1107, 1519), (1112, 1528), (1113, 1531), (1174, 1600), (1278, 1702), (1317, 1744), (1326, 1759), (1358, 1795), (1449, 1891), (1459, 1903), (1463, 1912),

Gene: Guanica15_8 Start: 1587, Stop: 3011, Start Num: 247
Candidate Starts for Guanica15_8:
(Start: 165 @1515 has 76 MA's), (Start: 230 @1575 has 31 MA's), (Start: 247 @1587 has 171 MA's), (Start: 322 @1674 has 1 MA's), (Start: 336 @1698 has 12 MA's), (342, 1704), (363, 1743), (391, 1782), (402, 1791), (405, 1797), (425, 1839), (444, 1857), (463, 1875), (487, 1926), (532, 2001), (533, 2004), (607, 2121), (611, 2130), (742, 2259), (792, 2325), (820, 2373), (827, 2385), (851, 2415), (870, 2439), (875, 2445), (893, 2466), (962, 2535), (1042, 2607), (1111, 2676), (1112, 2679), (1146, 2712), (1187, 2766), (1208, 2790), (1283, 2853), (1353, 2943), (1425, 3000), (1431, 3006),

Gene: Gudmit_3 Start: 983, Stop: 2704, Start Num: 328
Candidate Starts for Gudmit_3:

(Start: 328 @983 has 1 MA's), (Start: 393 @1076 has 3 MA's), (404, 1094), (423, 1133), (432, 1151), (436, 1160), (439, 1169), (447, 1181), (466, 1202), (486, 1238), (487, 1241), (493, 1259), (499, 1271), (510, 1295), (513, 1301), (516, 1307), (526, 1325), (530, 1331), (543, 1358), (576, 1415), (581, 1436), (590, 1454), (643, 1565), (696, 1652), (732, 1700), (768, 1763), (774, 1772), (782, 1784), (783, 1787), (803, 1802), (807, 1811), (808, 1814), (815, 1829), (857, 1886), (903, 1943), (935, 2012), (959, 2042), (976, 2069), (1013, 2126), (1038, 2162), (1069, 2192), (1090, 2231), (1116, 2273), (1144, 2321), (1147, 2330), (1165, 2372), (1174, 2384), (1191, 2402), (1197, 2411), (1212, 2432), (1244, 2468), (1281, 2519), (1289, 2528), (1291, 2531), (1303, 2546), (1305, 2549), (1332, 2570), (1370, 2621), (1374, 2627), (1448, 2693), (1452, 2699),

Gene: Guey18_39 Start: 11038, Stop: 12444, Start Num: 256
Candidate Starts for Guey18_39:
(Start: 207 @10981 has 6 MA's), (Start: 256 @11038 has 6 MA's), (359, 11164), (418, 11224), (422, 11233), (458, 11260), (485, 11317), (511, 11371), (591, 11497), (595, 11503), (602, 11521), (637, 11587), (672, 11641), (692, 11674), (745, 11719), (809, 11812), (876, 11890), (953, 11935), (962, 11953), (1009, 12016), (1015, 12022), (1150, 12148), (1188, 12193), (1202, 12211), (1389, 12385),

Gene: Guillsminger_6 Start: 1326, Stop: 2753, Start Num: 262
Candidate Starts for Guillsminger_6:
(156, 1233), (Start: 262 @1326 has 67 MA's), (310, 1383), (Start: 322 @1404 has 1 MA's), (Start: 336 @1428 has 12 MA's), (391, 1512), (402, 1521), (405, 1527), (425, 1569), (444, 1587), (463, 1605), (487, 1656), (532, 1731), (591, 1809), (607, 1851), (611, 1860), (613, 1863), (675, 1941), (792, 2055), (820, 2103), (851, 2145), (870, 2169), (880, 2181), (903, 2208), (956, 2253), (962, 2265), (1107, 2412), (1142, 2451), (1187, 2508), (1208, 2532), (1235, 2556), (1263, 2580), (1348, 2679), (1353, 2685), (1425, 2742),

Gene: Guinevere_6 Start: 1957, Stop: 3657, Start Num: 209
Candidate Starts for Guinevere_6:
(Start: 155 @1900 has 202 MA's), (Start: 190 @1936 has 1 MA's), (Start: 209 @1957 has 22 MA's), (Start: 295 @2080 has 6 MA's), (Start: 309 @2101 has 15 MA's), (339, 2149), (399, 2194), (402, 2197), (422, 2239), (431, 2257), (434, 2260), (444, 2263), (520, 2386), (569, 2440), (620, 2554), (650, 2614), (665, 2635), (703, 2701), (803, 2866), (852, 2932), (865, 2947), (973, 3118), (997, 3157), (1009, 3166), (1020, 3175), (1061, 3217), (1100, 3250), (1126, 3289), (1177, 3331), (1212, 3373), (1283, 3421), (1305, 3448), (1307, 3451), (1313, 3457), (1328, 3478), (1364, 3520), (1464, 3646),

Gene: Gumpizza_2 Start: 594, Stop: 2282, Start Num: 143
Candidate Starts for Gumpizza_2:
(Start: 143 @594 has 16 MA's), (354, 795), (477, 939), (513, 1008), (573, 1095), (595, 1149), (617, 1188), (693, 1323), (759, 1425), (952, 1647), (983, 1698), (1165, 1917), (1193, 1953), (1209, 1968), (1372, 2193), (1381, 2205), (1399, 2220), (1445, 2271),

Gene: Guntur_4 Start: 800, Stop: 2290, Start Num: 202
Candidate Starts for Guntur_4:
(Start: 202 @800 has 39 MA's), (245, 845), (Start: 318 @947 has 1 MA's), (Start: 333 @965 has 4 MA's), (Start: 336 @974 has 12 MA's), (Start: 397 @1025 has 4 MA's), (399, 1028), (405, 1037), (419, 1067), (434, 1094), (506, 1193), (577, 1292), (585, 1316), (586, 1319), (588, 1322), (607, 1367), (789, 1601), (820, 1649), (827, 1661), (864, 1700), (886, 1718), (902, 1730), (904, 1733), (922, 1754), (937, 1760), (946, 1772), (987, 1850), (1047, 1904), (1112, 1958), (1121, 1970), (1156, 2015), (1206, 2063), (1299, 2147), (1349, 2204), (1406, 2273),

Gene: Guppsters_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Guppsters_2:

(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1239, 1979), (1250, 1994), (1265, 2021), (1297, 2054), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: Gusanita_4 Start: 1860, Stop: 3557, Start Num: 209
Candidate Starts for Gusanita_4:
(Start: 152 @1800 has 15 MA's), (Start: 209 @1860 has 22 MA's), (Start: 295 @1980 has 6 MA's), (Start: 309 @2001 has 15 MA's), (Start: 317 @2016 has 15 MA's), (339, 2049), (399, 2094), (402, 2097), (422, 2139), (431, 2157), (434, 2160), (520, 2286), (569, 2340), (620, 2454), (665, 2535), (803, 2766), (852, 2832), (865, 2847), (964, 2994), (973, 3018), (979, 3027), (997, 3057), (1020, 3075), (1061, 3117), (1126, 3189), (1177, 3231), (1305, 3348), (1307, 3351), (1313, 3357), (1364, 3420), (1400, 3465), (1433, 3498), (1464, 3546),

Gene: Gusicorn_17 Start: 10301, Stop: 12046, Start Num: 307
Candidate Starts for Gusicorn_17:
(Start: 307 @10301 has 198 MA's), (310, 10307), (363, 10394), (367, 10400), (387, 10436), (417, 10490), (502, 10667), (525, 10712), (556, 10775), (572, 10796), (599, 10865), (644, 10967), (680, 11024), (709, 11081), (722, 11093), (750, 11153), (805, 11252), (808, 11258), (841, 11315), (892, 11381), (1053, 11576), (1088, 11618), (1111, 11642), (1120, 11663), (1123, 11666), (1290, 11894), (1299, 11906), (1370, 11996), (1372, 11999),

Gene: Gustav_2 Start: 554, Stop: 2107, Start Num: 211
Candidate Starts for Gustav_2:
(Start: 211 @554 has 13 MA's), (Start: 235 @581 has 7 MA's), (Start: 295 @659 has 6 MA's), (Start: 317 @695 has 15 MA's), (418, 809), (431, 836), (513, 956), (522, 971), (569, 1022), (593, 1070), (618, 1133), (648, 1193), (675, 1229), (778, 1310), (790, 1325), (810, 1358), (822, 1370), (877, 1427), (954, 1514), (962, 1526), (981, 1568), (1015, 1604), (1020, 1607), (1040, 1625), (1122, 1736), (1176, 1805), (1177, 1808), (1183, 1814), (1221, 1862), (1286, 1919), (1305, 1943), (1451, 2099),

Gene: GuuelaD_4 Start: 1069, Stop: 2643, Start Num: 138
Candidate Starts for GuuelaD_4:
(Start: 138 @1069 has 120 MA's), (Start: 142 @1075 has 6 MA's), (Start: 157 @1093 has 1 MA's), (Start: 284 @1231 has 1 MA's), (396, 1351), (512, 1528), (515, 1534), (591, 1672), (594, 1678), (602, 1699), (675, 1798), (710, 1846), (762, 1900), (776, 1924), (807, 1969), (809, 1975), (827, 2005), (832, 2011), (855, 2038), (863, 2047), (942, 2104), (959, 2131), (962, 2137), (977, 2170), (1023, 2215), (1060, 2251), (1116, 2296), (1172, 2362), (1234, 2437), (1266, 2455), (1278, 2464), (1420, 2611), (1448, 2635), (1450, 2638),

Gene: Gwendoluna_13 Start: 8188, Stop: 9876, Start Num: 102
Candidate Starts for Gwendoluna_13:
(Start: 102 @8188 has 400 MA's), (381, 8452), (402, 8476), (513, 8638), (535, 8671), (620, 8836), (631, 8860), (647, 8887), (679, 8935), (774, 9091), (809, 9151), (1009, 9385), (1021, 9397), (1080, 9439), (1100, 9460), (1117, 9487), (1193, 9595), (1279, 9685), (1365, 9790),

Gene: Gwennie_12 Start: 6957, Stop: 8657, Start Num: 105
Candidate Starts for Gwennie_12:

(Start: 105 @6957 has 85 MA's), (Start: 145 @7005 has 1 MA's), (302, 7140), (467, 7332), (513, 7419), (620, 7617), (675, 7707), (718, 7770), (809, 7932), (983, 8130), (999, 8154), (1001, 8157), (1080, 8220), (1100, 8241), (1129, 8280), (1193, 8376), (1241, 8430), (1279, 8466), (1405, 8613), (1435, 8643), (1438, 8646),

Gene: Gyzlar_13 Start: 7950, Stop: 9638, Start Num: 110
Candidate Starts for Gyzlar_13:
(Start: 110 @7950 has 24 MA's), (Start: 309 @8130 has 15 MA's), (381, 8214), (Start: 403 @8241 has 1 MA's), (408, 8250), (513, 8400), (535, 8433), (581, 8508), (620, 8598), (631, 8622), (647, 8649), (679, 8697), (774, 8853), (809, 8913), (1009, 9147), (1021, 9159), (1080, 9201), (1100, 9222), (1117, 9249), (1193, 9357), (1279, 9447), (1365, 9552),

Gene: HC_02 Start: 521, Stop: 2080, Start Num: 152
Candidate Starts for HC_02:
(Start: 152 @521 has 15 MA's), (Start: 232 @611 has 1 MA's), (Start: 305 @698 has 33 MA's), (345, 755), (381, 818), (463, 935), (468, 944), (499, 1016), (527, 1052), (598, 1160), (606, 1172), (607, 1175), (634, 1214), (643, 1232), (788, 1379), (817, 1421), (891, 1505), (908, 1526), (965, 1589), (1038, 1667), (1041, 1670), (1049, 1682), (1172, 1817), (1174, 1820), (1235, 1883), (1237, 1886), (1277, 1919), (1351, 2000), (1380, 2033),

Gene: HH92_5 Start: 1855, Stop: 3489, Start Num: 102
Candidate Starts for HH92_5:
(Start: 102 @1855 has 400 MA's), (Start: 153 @1894 has 15 MA's), (Start: 208 @1942 has 5 MA's), (342, 2113), (396, 2152), (512, 2332), (516, 2341), (522, 2350), (566, 2413), (570, 2419), (605, 2503), (606, 2506), (607, 2509), (675, 2605), (677, 2608), (680, 2617), (745, 2683), (766, 2713), (785, 2740), (807, 2773), (820, 2794), (822, 2797), (919, 2893), (946, 2914), (1002, 3004), (1051, 3046), (1074, 3064), (1078, 3070), (1146, 3133), (1149, 3139), (1150, 3142), (1187, 3187), (1191, 3193), (1213, 3220), (1226, 3235), (1290, 3286), (1297, 3295), (1309, 3310), (1317, 3313), (1346, 3352), (1358, 3367), (1371, 3382), (1374, 3385), (1460, 3463), (1462, 3469),

Gene: HINdeR_11 Start: 8169, Stop: 9863, Start Num: 102
Candidate Starts for HINdeR_11:
(Start: 102 @8169 has 400 MA's), (Start: 161 @8229 has 29 MA's), (Start: 330 @8388 has 14 MA's), (381, 8436), (424, 8499), (467, 8535), (487, 8568), (508, 8610), (512, 8619), (513, 8622), (523, 8637), (538, 8661), (581, 8730), (620, 8820), (623, 8829), (722, 8976), (774, 9075), (808, 9132), (825, 9162), (848, 9195), (914, 9249), (923, 9261), (932, 9270), (981, 9333), (983, 9336), (999, 9360), (1086, 9435), (1088, 9438), (1129, 9486), (1193, 9582), (1374, 9789), (1405, 9819), (1435, 9849),

Gene: HUHilltop_2 Start: 413, Stop: 2089, Start Num: 138
Candidate Starts for HUHilltop_2:
(Start: 138 @413 has 120 MA's), (Start: 318 @629 has 1 MA's), (349, 668), (380, 725), (384, 731), (396, 749), (421, 794), (422, 797), (426, 806), (431, 815), (444, 821), (445, 824), (483, 878), (490, 899), (495, 911), (558, 1001), (659, 1190), (745, 1286), (778, 1337), (902, 1478), (919, 1490), (1107, 1688), (1112, 1697), (1139, 1724), (1172, 1766), (1187, 1784), (1278, 1868), (1290, 1883), (1463, 2072),

Gene: Hades_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Hades_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097,

1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: Hadrien_5 Start: 1894, Stop: 3489, Start Num: 153
Candidate Starts for Hadrien_5:
(Start: 102 @1855 has 400 MA's), (Start: 153 @1894 has 15 MA's), (Start: 208 @1942 has 5 MA's), (342, 2113), (396, 2152), (512, 2332), (516, 2341), (522, 2350), (566, 2413), (570, 2419), (605, 2503), (606, 2506), (607, 2509), (675, 2605), (677, 2608), (680, 2617), (745, 2683), (766, 2713), (785, 2740), (807, 2773), (820, 2794), (822, 2797), (919, 2893), (946, 2914), (1002, 3004), (1051, 3046), (1074, 3064), (1078, 3070), (1146, 3133), (1149, 3139), (1150, 3142), (1187, 3187), (1191, 3193), (1213, 3220), (1226, 3235), (1290, 3286), (1297, 3295), (1309, 3310), (1317, 3313), (1346, 3352), (1358, 3367), (1371, 3382), (1374, 3385), (1460, 3463), (1462, 3469),

Gene: Hafay_4 Start: 1069, Stop: 2637, Start Num: 138
Candidate Starts for Hafay_4:
(Start: 138 @1069 has 120 MA's), (Start: 142 @1075 has 6 MA's), (Start: 284 @1231 has 1 MA's), (512, 1528), (515, 1534), (556, 1594), (591, 1666), (594, 1672), (675, 1792), (710, 1840), (762, 1894), (776, 1918), (807, 1963), (809, 1969), (827, 1999), (832, 2005), (855, 2032), (863, 2041), (942, 2098), (946, 2104), (959, 2125), (962, 2131), (1020, 2206), (1023, 2209), (1060, 2245), (1116, 2290), (1172, 2356), (1234, 2431), (1266, 2449), (1278, 2458), (1420, 2605), (1448, 2629), (1450, 2632),

Gene: Hail_5 Start: 1855, Stop: 3489, Start Num: 102
Candidate Starts for Hail_5:
(Start: 102 @1855 has 400 MA's), (Start: 153 @1894 has 15 MA's), (Start: 208 @1942 has 5 MA's), (342, 2113), (396, 2152), (512, 2332), (516, 2341), (522, 2350), (566, 2413), (570, 2419), (605, 2503), (606, 2506), (607, 2509), (675, 2605), (677, 2608), (680, 2617), (745, 2683), (766, 2713), (785, 2740), (807, 2773), (820, 2794), (822, 2797), (919, 2893), (946, 2914), (1002, 3004), (1051, 3046), (1074, 3064), (1078, 3070), (1146, 3133), (1149, 3139), (1150, 3142), (1187, 3187), (1191, 3193), (1213, 3220), (1226, 3235), (1290, 3286), (1297, 3295), (1309, 3310), (1317, 3313), (1346, 3352), (1358, 3367), (1371, 3382), (1374, 3385), (1460, 3463), (1462, 3469),

Gene: Haizum_6 Start: 2173, Stop: 3822, Start Num: 95
Candidate Starts for Haizum_6:
(Start: 95 @2173 has 98 MA's), (222, 2290), (314, 2371), (Start: 330 @2398 has 14 MA's), (381, 2446), (407, 2479), (415, 2500), (490, 2587), (504, 2614), (515, 2635), (548, 2680), (575, 2722), (603, 2794), (620, 2818), (680, 2917), (701, 2953), (722, 2971), (812, 3091), (813, 3094), (838, 3130), (926, 3211), (997, 3301), (1006, 3313), (1064, 3364), (1113, 3418), (1193, 3538), (1214, 3559), (1234, 3580), (1236, 3583), (1292, 3643), (1372, 3739), (1374, 3742), (1445, 3817),

Gene: Halena_4 Start: 1052, Stop: 2635, Start Num: 138
Candidate Starts for Halena_4:
(Start: 138 @1052 has 120 MA's), (Start: 142 @1058 has 6 MA's), (293, 1229), (361, 1316), (396, 1334), (402, 1340), (419, 1376), (513, 1514), (515, 1517), (566, 1592), (593, 1649), (594, 1652), (710, 1820), (762, 1874), (766, 1883), (776, 1898), (791, 1919), (813, 1958), (827, 1979), (832, 1985), (855, 2012), (900, 2054), (942, 2078), (954, 2096), (959, 2105), (962, 2111), (977, 2144), (1009, 2177), (1050, 2216), (1057, 2222), (1060, 2225), (1116, 2270), (1172, 2336), (1213, 2387), (1234, 2411), (1263, 2426), (1266, 2429), (1373, 2531), (1394, 2558), (1448, 2609), (1450, 2612),

Gene: Haley23_2 Start: 318, Stop: 1889, Start Num: 151
Candidate Starts for Haley23_2:
(Start: 151 @318 has 55 MA's), (259, 426), (Start: 297 @474 has 6 MA's), (Start: 318 @504 has 1 MA's), (342, 537), (421, 621), (425, 630), (465, 666), (491, 726), (566, 816), (607, 912), (620, 936),

(648, 978), (689, 1032), (723, 1071), (778, 1137), (789, 1149), (808, 1179), (840, 1212), (919, 1293), (959, 1338), (962, 1344), (971, 1365), (1054, 1455), (1109, 1500), (1112, 1506), (1142, 1536), (1146, 1539), (1187, 1593), (1216, 1629), (1280, 1680), (1331, 1740), (1334, 1743), (1371, 1785), (1461, 1872),

Gene: Halloweekend_4 Start: 1574, Stop: 3295, Start Num: 190
Candidate Starts for Halloweekend_4:
(Start: 155 @1538 has 202 MA's), (Start: 190 @1574 has 1 MA's), (Start: 209 @1595 has 22 MA's), (Start: 295 @1718 has 6 MA's), (Start: 309 @1739 has 15 MA's), (339, 1787), (399, 1832), (402, 1835), (422, 1877), (431, 1895), (434, 1898), (444, 1901), (520, 2024), (569, 2078), (595, 2132), (620, 2192), (650, 2252), (665, 2273), (803, 2504), (852, 2570), (865, 2585), (973, 2756), (997, 2795), (1009, 2804), (1020, 2813), (1061, 2855), (1100, 2888), (1126, 2927), (1177, 2969), (1283, 3059), (1305, 3086), (1307, 3089), (1313, 3095), (1328, 3116), (1364, 3158), (1433, 3236), (1464, 3284),

Gene: Halo_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for Halo_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Halsey_2 Start: 594, Stop: 2282, Start Num: 143
Candidate Starts for Halsey_2:
(Start: 143 @594 has 16 MA's), (477, 939), (490, 963), (513, 1008), (573, 1095), (595, 1149), (617, 1188), (693, 1323), (759, 1425), (952, 1647), (983, 1698), (1165, 1917), (1193, 1953), (1209, 1968), (1372, 2193), (1381, 2205), (1399, 2220), (1445, 2271),

Gene: HamCheese_2 Start: 349, Stop: 1992, Start Num: 171
Candidate Starts for HamCheese_2:
(Start: 171 @349 has 16 MA's), (Start: 193 @370 has 21 MA's), (Start: 397 @601 has 4 MA's), (399, 604), (405, 613), (422, 649), (426, 658), (431, 667), (488, 745), (569, 850), (620, 964), (631, 988), (650, 1024), (665, 1045), (677, 1060), (713, 1120), (774, 1204), (954, 1420), (961, 1432), (975, 1459), (1003, 1498), (1009, 1504), (1048, 1543), (1080, 1570), (1096, 1582), (1117, 1615), (1126, 1627), (1151, 1660), (1305, 1831), (1364, 1900), (1369, 1906), (1385, 1927), (1403, 1948), (1447, 1978), (1449, 1981), (1451, 1984),

Gene: HamSlice_10 Start: 6885, Stop: 8582, Start Num: 102
Candidate Starts for HamSlice_10:
(Start: 102 @6885 has 400 MA's), (Start: 124 @6909 has 46 MA's), (Start: 251 @7032 has 3 MA's), (350, 7122), (381, 7155), (467, 7254), (512, 7338), (513, 7341), (538, 7380), (581, 7449), (593, 7473), (620, 7539), (675, 7629), (774, 7794), (825, 7881), (848, 7914), (923, 7980), (981, 8052), (983, 8055), (999, 8079), (1064, 8130), (1080, 8145), (1113, 8184), (1129, 8205), (1193, 8301), (1405, 8538), (1435, 8568), (1438, 8571),

Gene: Hami1_13 Start: 7391, Stop: 9079, Start Num: 102
Candidate Starts for Hami1_13:
(Start: 102 @7391 has 400 MA's), (Start: 309 @7571 has 15 MA's), (381, 7655), (408, 7691), (513, 7841), (581, 7949), (620, 8039), (631, 8063), (679, 8138), (728, 8207), (774, 8294), (809, 8354), (1001, 8579), (1009, 8588), (1021, 8600), (1080, 8642), (1100, 8663), (1117, 8690), (1193, 8798), (1279, 8888), (1365, 8993),

Gene: Hammer_15 Start: 7507, Stop: 9261, Start Num: 103
Candidate Starts for Hammer_15:
(Start: 103 @7507 has 236 MA's), (241, 7639), (298, 7738), (314, 7762), (Start: 330 @7789 has 14 MA's), (362, 7825), (424, 7900), (513, 8023), (523, 8038), (538, 8062), (581, 8131), (593, 8155), (594, 8158), (620, 8221), (631, 8245), (718, 8374), (722, 8377), (780, 8488), (914, 8650), (983, 8737), (992, 8749), (999, 8761), (1064, 8809), (1080, 8824), (1113, 8863), (1129, 8884), (1182, 8968), (1193, 8980), (1405, 9217), (1433, 9244), (1435, 9247),

Gene: Hammy_7 Start: 1384, Stop: 2808, Start Num: 247
Candidate Starts for Hammy_7:
(Start: 230 @1372 has 31 MA's), (Start: 247 @1384 has 171 MA's), (Start: 322 @1471 has 1 MA's), (Start: 336 @1495 has 12 MA's), (391, 1579), (402, 1588), (425, 1636), (444, 1654), (463, 1672), (487, 1723), (517, 1771), (607, 1918), (611, 1927), (613, 1930), (636, 1960), (675, 2008), (792, 2122), (827, 2182), (851, 2212), (893, 2263), (911, 2284), (962, 2332), (993, 2374), (1042, 2404), (1112, 2476), (1187, 2563), (1353, 2740), (1425, 2797), (1431, 2803),

Gene: Hamood_6 Start: 1978, Stop: 3408, Start Num: 317
Candidate Starts for Hamood_6:
(Start: 176 @1810 has 3 MA's), (Start: 179 @1813 has 1 MA's), (188, 1822), (Start: 317 @1978 has 15 MA's), (Start: 330 @1996 has 14 MA's), (431, 2119), (459, 2137), (481, 2176), (484, 2185), (536, 2269), (594, 2353), (600, 2368), (613, 2401), (659, 2467), (752, 2599), (893, 2788), (954, 2848), (973, 2890), (1023, 2941), (1111, 3016), (1112, 3019), (1139, 3046), (1187, 3106), (1213, 3139), (1226, 3154), (1278, 3190), (1317, 3232), (1336, 3259), (1371, 3295), (1377, 3301), (1409, 3340),

Gene: Hamulus_2 Start: 588, Stop: 2225, Start Num: 155
Candidate Starts for Hamulus_2:
(Start: 155 @588 has 202 MA's), (168, 603), (Start: 176 @612 has 3 MA's), (182, 618), (Start: 217 @645 has 1 MA's), (Start: 247 @669 has 171 MA's), (Start: 250 @672 has 144 MA's), (Start: 318 @735 has 1 MA's), (Start: 330 @753 has 14 MA's), (353, 774), (412, 861), (414, 867), (454, 921), (473, 933), (484, 945), (487, 954), (488, 957), (496, 978), (508, 999), (516, 1014), (548, 1071), (575, 1110), (602, 1179), (604, 1185), (621, 1215), (622, 1218), (627, 1227), (635, 1242), (647, 1260), (680, 1311), (740, 1413), (862, 1584), (874, 1596), (920, 1614), (983, 1680), (1005, 1710), (1007, 1713), (1010, 1716), (1080, 1773), (1097, 1788), (1101, 1794), (1104, 1797), (1113, 1812), (1117, 1821), (1164, 1890), (1190, 1920), (1196, 1929), (1225, 1962), (1250, 1995), (1265, 2022), (1297, 2055), (1320, 2082), (1325, 2085), (1349, 2106), (1365, 2130), (1372, 2139), (1374, 2142), (1429, 2199),

Gene: HanKaySha_9 Start: 2465, Stop: 4135, Start Num: 394
Candidate Starts for HanKaySha_9:
(Start: 394 @2465 has 48 MA's), (427, 2528), (551, 2762), (598, 2864), (693, 3044), (710, 3068), (724, 3086), (732, 3098), (768, 3161), (776, 3173), (808, 3218), (815, 3233), (873, 3311), (911, 3356), (934, 3410), (935, 3416), (1000, 3530), (1104, 3674), (1124, 3710), (1218, 3863), (1232, 3875), (1279, 3932), (1307, 3968), (1346, 4019), (1372, 4055), (1374, 4058), (1438, 4124),

Gene: HanShotFirst_11 Start: 6611, Stop: 8299, Start Num: 102
Candidate Starts for HanShotFirst_11:
(Start: 102 @6611 has 400 MA's), (Start: 309 @6791 has 15 MA's), (381, 6875), (408, 6911), (424, 6938), (513, 7061), (535, 7094), (581, 7169), (620, 7259), (631, 7283), (647, 7310), (679, 7358), (728, 7427), (774, 7514), (809, 7574), (1009, 7808), (1021, 7820), (1080, 7862), (1100, 7883), (1117, 7910), (1193, 8018), (1279, 8108), (1365, 8213),

Gene: Hanako_2 Start: 512, Stop: 2044, Start Num: 230
Candidate Starts for Hanako_2:

(Start: 227 @509 has 25 MA's), (Start: 230 @512 has 31 MA's), (Start: 249 @527 has 1 MA's), (292, 584), (Start: 307 @602 has 198 MA's), (316, 614), (390, 686), (412, 722), (422, 743), (474, 806), (539, 926), (583, 1010), (613, 1076), (659, 1148), (661, 1151), (677, 1163), (747, 1289), (766, 1313), (808, 1376), (878, 1460), (940, 1517), (950, 1532), (987, 1607), (1003, 1625), (1152, 1769), (1187, 1790), (1213, 1823), (1226, 1838), (1278, 1874), (1346, 1952), (1349, 1955), (1353, 1961),

Gene: Hank144_7 Start: 2471, Stop: 4117, Start Num: 95
Candidate Starts for Hank144_7:
(Start: 95 @2471 has 98 MA's), (Start: 251 @2621 has 3 MA's), (381, 2741), (402, 2765), (407, 2774), (469, 2846), (504, 2909), (515, 2930), (548, 2975), (575, 3017), (603, 3089), (620, 3113), (680, 3212), (722, 3266), (838, 3425), (983, 3575), (997, 3596), (1088, 3686), (1108, 3704), (1165, 3794), (1193, 3833), (1214, 3854), (1219, 3860), (1236, 3878), (1372, 4034), (1445, 4112),

Gene: Hankly_7 Start: 3871, Stop: 5625, Start Num: 307
Candidate Starts for Hankly_7:
(279, 3817), (Start: 303 @3865 has 2 MA's), (Start: 307 @3871 has 198 MA's), (363, 3964), (367, 3970), (502, 4237), (516, 4267), (532, 4297), (556, 4345), (570, 4363), (572, 4366), (589, 4408), (644, 4537), (750, 4723), (805, 4822), (847, 4894), (892, 4951), (950, 5029), (956, 5041), (1052, 5152), (1053, 5155), (1071, 5173), (1109, 5218), (1120, 5242), (1123, 5245), (1150, 5284), (1249, 5425), (1288, 5470), (1290, 5473), (1299, 5485), (1336, 5533), (1363, 5566), (1370, 5575), (1372, 5578),

Gene: Hannaconda_7 Start: 2388, Stop: 3920, Start Num: 233
Candidate Starts for Hannaconda_7:
(49, 2142), (77, 2193), (159, 2304), (Start: 198 @2346 has 4 MA's), (Start: 205 @2355 has 1 MA's), (Start: 233 @2388 has 12 MA's), (331, 2502), (380, 2565), (Start: 403 @2598 has 1 MA's), (405, 2601), (424, 2640), (426, 2646), (484, 2721), (500, 2757), (566, 2832), (568, 2835), (583, 2871), (599, 2904), (766, 3153), (808, 3216), (822, 3243), (960, 3402), (975, 3438), (1005, 3468), (1015, 3477), (1082, 3531), (1112, 3555), (1349, 3789), (1358, 3801),

Gene: HannahD_2 Start: 522, Stop: 2105, Start Num: 185
Candidate Starts for HannahD_2:
(154, 489), (163, 498), (Start: 185 @522 has 14 MA's), (426, 807), (465, 840), (487, 888), (522, 948), (532, 960), (593, 1050), (648, 1155), (745, 1299), (778, 1350), (855, 1446), (912, 1506), (959, 1554), (970, 1578), (1055, 1665), (1149, 1755), (1172, 1785), (1187, 1803), (1260, 1872), (1278, 1887), (1297, 1911),

Gene: HannahPhantana_4 Start: 1013, Stop: 2494, Start Num: 309
Candidate Starts for HannahPhantana_4:
(Start: 171 @848 has 16 MA's), (Start: 309 @1013 has 15 MA's), (334, 1052), (Start: 397 @1103 has 4 MA's), (405, 1115), (422, 1151), (431, 1169), (569, 1352), (620, 1466), (625, 1478), (650, 1526), (665, 1547), (677, 1562), (713, 1619), (961, 1934), (1003, 2000), (1048, 2045), (1096, 2084), (1105, 2096), (1151, 2162), (1176, 2192), (1212, 2237), (1257, 2279), (1364, 2402), (1369, 2408), (1385, 2429), (1394, 2441), (1447, 2480), (1449, 2483),

Gene: Hanray_12 Start: 8166, Stop: 9932, Start Num: 121
Candidate Starts for Hanray_12:
(Start: 103 @8145 has 236 MA's), (Start: 117 @8160 has 10 MA's), (Start: 121 @8166 has 5 MA's), (241, 8277), (298, 8376), (424, 8538), (487, 8610), (513, 8664), (538, 8703), (581, 8775), (620, 8865), (631, 8889), (704, 9006), (722, 9021), (778, 9129), (823, 9204), (848, 9240), (898, 9300), (992, 9420), (1006, 9441), (1064, 9480), (1113, 9534), (1115, 9537), (1129, 9555), (1163, 9609), (1182, 9639), (1193, 9651), (1279, 9741), (1295, 9759), (1405, 9888), (1433, 9915), (1435, 9918),

Gene: Happiness_11 Start: 6889, Stop: 8586, Start Num: 102

Candidate Starts for Happiness_11:
(Start: 102 @6889 has 400 MA's), (Start: 124 @6913 has 46 MA's), (Start: 251 @7036 has 3 MA's), (350, 7126), (381, 7159), (467, 7258), (512, 7342), (513, 7345), (538, 7384), (581, 7453), (593, 7477), (620, 7543), (675, 7633), (774, 7798), (825, 7885), (848, 7918), (923, 7984), (981, 8056), (983, 8059), (999, 8083), (1064, 8134), (1080, 8149), (1113, 8188), (1129, 8209), (1193, 8305), (1405, 8542), (1435, 8572), (1438, 8575),

Gene: Harlequin_8 Start: 3156, Stop: 4838, Start Num: 107
Candidate Starts for Harlequin_8:
(Start: 107 @3156 has 35 MA's), (Start: 309 @3342 has 15 MA's), (362, 3414), (381, 3426), (402, 3450), (408, 3462), (523, 3630), (567, 3690), (620, 3798), (770, 4053), (812, 4125), (956, 4269), (983, 4311), (1006, 4344), (1088, 4413), (1193, 4557), (1236, 4602), (1292, 4662), (1405, 4794), (1433, 4821), (1435, 4824), (1438, 4827),

Gene: Harley_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for Harley_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 217 @629 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1 MA's), (412, 845), (454, 905), (473, 917), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (736, 1388), (740, 1397), (862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1239, 1964), (1250, 1979), (1265, 2006), (1297, 2039), (1315, 2060), (1320, 2066), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: HarperAnne_3 Start: 1062, Stop: 2522, Start Num: 250
Candidate Starts for HarperAnne_3:
(Start: 250 @1062 has 144 MA's), (Start: 254 @1068 has 2 MA's), (358, 1230), (363, 1239), (399, 1299), (444, 1368), (465, 1389), (488, 1440), (619, 1644), (755, 1779), (806, 1857), (817, 1872), (829, 1890), (842, 1908), (880, 1950), (911, 1983), (926, 2001), (1015, 2121), (1020, 2124), (1039, 2136), (1047, 2148), (1060, 2160), (1113, 2211), (1160, 2268), (1172, 2274), (1178, 2283), (1187, 2292), (1190, 2295), (1330, 2457), (1337, 2466), (1344, 2475), (1372, 2514),

Gene: HarryHoudini_14 Start: 7940, Stop: 9727, Start Num: 103
Candidate Starts for HarryHoudini_14:
(23, 7754), (50, 7856), (Start: 103 @7940 has 236 MA's), (Start: 217 @8048 has 1 MA's), (234, 8069), (298, 8177), (513, 8462), (581, 8570), (620, 8660), (631, 8684), (704, 8801), (722, 8816), (983, 9203), (1113, 9329), (1129, 9350), (1182, 9434), (1193, 9446), (1405, 9683), (1433, 9710), (1435, 9713), (1438, 9716), (1440, 9719),

Gene: HarryOW_12 Start: 7307, Stop: 8995, Start Num: 102
Candidate Starts for HarryOW_12:
(Start: 102 @7307 has 400 MA's), (381, 7571), (402, 7595), (513, 7757), (535, 7790), (581, 7865), (620, 7955), (631, 7979), (647, 8006), (679, 8054), (767, 8198), (774, 8210), (809, 8270), (1009, 8504), (1021, 8516), (1080, 8558), (1100, 8579), (1117, 8606), (1193, 8714), (1279, 8804), (1365, 8909),

Gene: HashRod_14 Start: 7041, Stop: 8741, Start Num: 105
Candidate Starts for HashRod_14:
(Start: 105 @7041 has 85 MA's), (Start: 145 @7089 has 1 MA's), (302, 7224), (467, 7416), (513, 7503), (620, 7701), (675, 7791), (718, 7854), (809, 8016), (983, 8214), (999, 8238), (1001, 8241), (1080, 8304), (1100, 8325), (1129, 8364), (1193, 8460), (1241, 8514), (1279, 8550), (1405, 8697), (1435, 8727), (1438, 8730),

Gene: HaveUMetTed_14 Start: 7029, Stop: 8729, Start Num: 105
Candidate Starts for HaveUMetTed_14:
(Start: 105 @7029 has 85 MA's), (Start: 145 @7077 has 1 MA's), (Start: 232 @7149 has 1 MA's), (302, 7212), (513, 7491), (620, 7689), (675, 7779), (718, 7842), (809, 8004), (983, 8202), (999, 8226), (1001, 8229), (1080, 8292), (1088, 8304), (1100, 8313), (1113, 8331), (1129, 8352), (1193, 8448), (1241, 8502), (1279, 8538), (1405, 8685), (1435, 8715), (1438, 8718),

Gene: HazuAndZazu_7 Start: 2850, Stop: 4595, Start Num: 307
Candidate Starts for HazuAndZazu_7:
(Start: 307 @2850 has 198 MA's), (342, 2904), (345, 2907), (363, 2943), (367, 2949), (488, 3183), (535, 3282), (556, 3324), (572, 3345), (589, 3387), (594, 3399), (637, 3498), (644, 3516), (666, 3552), (791, 3777), (805, 3801), (808, 3807), (892, 3930), (950, 3999), (1050, 4116), (1071, 4143), (1120, 4212), (1123, 4215), (1156, 4266), (1223, 4353), (1273, 4419), (1290, 4443), (1299, 4455), (1315, 4473), (1370, 4545), (1372, 4548),

Gene: HeadMave_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for HeadMave_3:
(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (806, 1881), (817, 1896), (842, 1932), (880, 1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298), (1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: HeadNerd_2 Start: 426, Stop: 1991, Start Num: 165
Candidate Starts for HeadNerd_2:
(Start: 165 @426 has 76 MA's), (Start: 333 @636 has 4 MA's), (402, 696), (419, 732), (424, 741), (431, 756), (444, 762), (463, 780), (557, 942), (569, 963), (620, 1077), (650, 1137), (748, 1203), (770, 1236), (790, 1266), (803, 1281), (852, 1362), (936, 1440), (941, 1449), (1009, 1557), (1020, 1566), (1046, 1593), (1105, 1647), (1133, 1689), (1212, 1755), (1328, 1857),

Gene: Heathen_11 Start: 6297, Stop: 7994, Start Num: 102
Candidate Starts for Heathen_11:
(Start: 102 @6297 has 400 MA's), (168, 6369), (381, 6567), (508, 6741), (513, 6753), (538, 6792), (550, 6804), (581, 6861), (593, 6885), (620, 6951), (623, 6960), (675, 7041), (690, 7068), (774, 7206), (812, 7272), (825, 7293), (842, 7317), (848, 7326), (923, 7392), (983, 7467), (999, 7491), (1001, 7494), (1006, 7500), (1015, 7509), (1080, 7557), (1129, 7617), (1193, 7713), (1236, 7758), (1241, 7767), (1374, 7920), (1405, 7950), (1435, 7980), (1438, 7983),

Gene: Heather_2 Start: 597, Stop: 2144, Start Num: 397
Candidate Starts for Heather_2:
(Start: 397 @597 has 4 MA's), (522, 816), (526, 825), (551, 873), (576, 918), (589, 954), (598, 978), (609, 1008), (614, 1017), (643, 1062), (656, 1092), (676, 1113), (728, 1191), (774, 1266), (803, 1296), (980, 1551), (982, 1554), (1008, 1596), (1035, 1623), (1070, 1674), (1075, 1680), (1081, 1689), (1089, 1701), (1107, 1731), (1164, 1833), (1178, 1854), (1201, 1881), (1240, 1929), (1305, 2010), (1325, 2034), (1332, 2037), (1417, 2133),

Gene: Hedwig_2 Start: 586, Stop: 2196, Start Num: 185
Candidate Starts for Hedwig_2:
(Start: 185 @586 has 14 MA's), (339, 769), (388, 802), (465, 904), (487, 952), (532, 1024), (620, 1177), (648, 1219), (675, 1249), (723, 1312), (737, 1354), (745, 1363), (803, 1444), (804, 1447), (813, 1465), (843, 1495), (855, 1510), (888, 1543), (912, 1570), (970, 1648), (1055, 1735), (1080, 1759), (1170, 1852), (1172, 1855), (1187, 1873), (1278, 1957),

Gene: HedwigODU_8 Start: 1587, Stop: 3008, Start Num: 247
Candidate Starts for HedwigODU_8:
(Start: 165 @1515 has 76 MA's), (Start: 230 @1575 has 31 MA's), (Start: 247 @1587 has 171 MA's), (Start: 336 @1698 has 12 MA's), (342, 1704), (391, 1782), (402, 1791), (425, 1839), (444, 1857), (487, 1926), (514, 1968), (517, 1974), (532, 2001), (533, 2004), (607, 2121), (611, 2130), (675, 2211), (792, 2325), (820, 2373), (827, 2385), (851, 2415), (870, 2439), (880, 2451), (893, 2466), (959, 2529), (962, 2535), (1112, 2679), (1146, 2712), (1187, 2766), (1353, 2943), (1425, 2997),

Gene: Heffalump_14 Start: 9253, Stop: 11040, Start Num: 103
Candidate Starts for Heffalump_14:
(Start: 103 @9253 has 236 MA's), (Start: 217 @9361 has 1 MA's), (234, 9382), (298, 9490), (424, 9652), (513, 9775), (581, 9883), (620, 9973), (631, 9997), (704, 10114), (722, 10129), (916, 10429), (1088, 10615), (1113, 10642), (1129, 10663), (1193, 10759), (1405, 10996), (1433, 11023), (1435, 11026),

Gene: Heftyboy_6 Start: 1347, Stop: 2774, Start Num: 262
Candidate Starts for Heftyboy_6:
(156, 1254), (Start: 262 @1347 has 67 MA's), (310, 1404), (Start: 322 @1425 has 1 MA's), (Start: 336 @1449 has 12 MA's), (391, 1533), (402, 1542), (405, 1548), (425, 1590), (444, 1608), (463, 1626), (487, 1677), (532, 1752), (591, 1830), (607, 1872), (611, 1881), (613, 1884), (675, 1962), (792, 2076), (820, 2124), (851, 2166), (870, 2190), (880, 2202), (903, 2229), (956, 2274), (962, 2286), (1107, 2433), (1142, 2472), (1187, 2529), (1208, 2553), (1235, 2577), (1263, 2601), (1348, 2700), (1353, 2706), (1425, 2763),

Gene: Heinz_2 Start: 511, Stop: 2103, Start Num: 206
Candidate Starts for Heinz_2:
(Start: 206 @511 has 13 MA's), (314, 646), (Start: 317 @652 has 15 MA's), (347, 694), (402, 733), (405, 739), (419, 769), (463, 817), (490, 877), (518, 919), (520, 922), (532, 946), (533, 949), (569, 976), (598, 1039), (630, 1111), (645, 1141), (648, 1147), (650, 1150), (652, 1153), (827, 1396), (852, 1417), (865, 1432), (867, 1435), (877, 1447), (938, 1507), (964, 1552), (973, 1570), (997, 1609), (1105, 1702), (1117, 1723), (1290, 1927), (1369, 2020), (1385, 2038), (1449, 2092),

Gene: Heisenberger_8 Start: 3847, Stop: 5601, Start Num: 307
Candidate Starts for Heisenberger_8:
(279, 3793), (Start: 303 @3841 has 2 MA's), (Start: 307 @3847 has 198 MA's), (363, 3940), (367, 3946), (469, 4138), (502, 4213), (516, 4243), (532, 4273), (556, 4321), (570, 4339), (572, 4342), (644, 4513), (750, 4699), (805, 4798), (847, 4870), (892, 4927), (950, 5005), (956, 5017), (1052, 5128), (1053, 5131), (1071, 5149), (1109, 5194), (1120, 5218), (1123, 5221), (1150, 5260), (1249, 5401), (1288, 5446), (1290, 5449), (1299, 5461), (1336, 5509), (1363, 5542), (1370, 5551), (1372, 5554),

Gene: HelDan_11 Start: 6549, Stop: 8246, Start Num: 102
Candidate Starts for HelDan_11:
(Start: 102 @6549 has 400 MA's), (168, 6621), (381, 6819), (508, 6993), (513, 7005), (538, 7044), (550, 7056), (581, 7113), (593, 7137), (620, 7203), (623, 7212), (675, 7293), (690, 7320), (774, 7458), (812, 7524), (825, 7545), (848, 7578), (923, 7644), (983, 7719), (999, 7743), (1001, 7746), (1006, 7752), (1015, 7761), (1080, 7809), (1129, 7869), (1193, 7965), (1236, 8010), (1241, 8019), (1374, 8172), (1405, 8202), (1435, 8232), (1438, 8235),

Gene: Heliosoles_13 Start: 7029, Stop: 8729, Start Num: 105
Candidate Starts for Heliosoles_13:
(Start: 105 @7029 has 85 MA's), (Start: 145 @7077 has 1 MA's), (Start: 232 @7149 has 1 MA's), (302, 7212), (513, 7491), (620, 7689), (675, 7779), (718, 7842), (809, 8004), (983, 8202), (999, 8226), (1001, 8229), (1080, 8292), (1088, 8304), (1100, 8313), (1113, 8331), (1129, 8352), (1193, 8448), (1241,

8502), (1279, 8538), (1405, 8685), (1435, 8715), (1438, 8718),

Gene: Helmet_15 Start: 7533, Stop: 9287, Start Num: 103
Candidate Starts for Helmet_15:
(Start: 103 @7533 has 236 MA's), (241, 7665), (298, 7764), (314, 7788), (Start: 330 @7815 has 14 MA's), (362, 7851), (424, 7926), (513, 8049), (523, 8064), (538, 8088), (581, 8157), (593, 8181), (594, 8184), (620, 8247), (631, 8271), (718, 8400), (722, 8403), (780, 8514), (914, 8676), (983, 8763), (992, 8775), (999, 8787), (1064, 8835), (1080, 8850), (1113, 8889), (1129, 8910), (1182, 8994), (1193, 9006), (1405, 9243), (1433, 9270), (1435, 9273),

Gene: Hemma_8 Start: 3348, Stop: 5093, Start Num: 307
Candidate Starts for Hemma_8:
(Start: 303 @3342 has 2 MA's), (Start: 307 @3348 has 198 MA's), (367, 3447), (433, 3567), (467, 3633), (469, 3639), (502, 3714), (516, 3744), (556, 3822), (570, 3840), (572, 3843), (644, 4014), (663, 4047), (750, 4200), (791, 4275), (805, 4299), (872, 4404), (892, 4428), (926, 4467), (956, 4509), (981, 4557), (1053, 4623), (1071, 4641), (1076, 4647), (1117, 4704), (1120, 4710), (1123, 4713), (1223, 4851), (1249, 4893), (1273, 4917), (1290, 4941), (1299, 4953), (1315, 4971), (1370, 5043), (1372, 5046), (1400, 5082),

Gene: Henrique_2 Start: 625, Stop: 2373, Start Num: 330
Candidate Starts for Henrique_2:
(294, 574), (311, 601), (Start: 330 @625 has 14 MA's), (388, 718), (469, 859), (473, 865), (486, 898), (487, 901), (554, 1039), (590, 1114), (598, 1135), (660, 1261), (732, 1363), (766, 1420), (774, 1435), (807, 1474), (986, 1747), (994, 1762), (1011, 1786), (1036, 1819), (1147, 1996), (1158, 2020), (1165, 2038), (1187, 2068), (1197, 2083), (1207, 2098), (1232, 2125), (1253, 2152), (1281, 2176), (1289, 2185), (1332, 2236), (1372, 2290),

Gene: Herb_2 Start: 428, Stop: 1993, Start Num: 165
Candidate Starts for Herb_2:
(Start: 165 @428 has 76 MA's), (Start: 307 @599 has 198 MA's), (Start: 397 @692 has 4 MA's), (Start: 403 @701 has 1 MA's), (419, 734), (426, 749), (431, 758), (463, 782), (488, 836), (559, 947), (593, 1013), (595, 1019), (620, 1079), (650, 1139), (672, 1169), (790, 1268), (936, 1442), (941, 1451), (961, 1487), (964, 1493), (985, 1529), (1015, 1565), (1048, 1598), (1085, 1637), (1100, 1643), (1235, 1784), (1328, 1859), (1404, 1940), (1451, 1979),

Gene: HerbBucket_7 Start: 3619, Stop: 5367, Start Num: 307
Candidate Starts for HerbBucket_7:
(Start: 295 @3601 has 6 MA's), (Start: 307 @3619 has 198 MA's), (363, 3712), (367, 3718), (401, 3775), (433, 3838), (516, 4015), (556, 4093), (572, 4114), (611, 4216), (644, 4285), (750, 4471), (791, 4546), (805, 4570), (872, 4675), (892, 4699), (956, 4783), (1053, 4897), (1071, 4915), (1120, 4984), (1123, 4987), (1156, 5038), (1190, 5080), (1249, 5167), (1274, 5194), (1290, 5215), (1299, 5227), (1315, 5245), (1370, 5317), (1372, 5320),

Gene: Herbertwm_10 Start: 6311, Stop: 8074, Start Num: 103
Candidate Starts for Herbertwm_10:
(Start: 103 @6311 has 236 MA's), (241, 6443), (298, 6542), (381, 6641), (487, 6773), (513, 6827), (581, 6938), (620, 7028), (631, 7052), (722, 7184), (767, 7277), (923, 7475), (983, 7550), (999, 7574), (1080, 7637), (1088, 7649), (1113, 7676), (1193, 7793), (1241, 7847), (1295, 7901), (1405, 8030), (1433, 8057), (1435, 8060),

Gene: Hercules11_13 Start: 6964, Stop: 8664, Start Num: 105
Candidate Starts for Hercules11_13:

(Start: 105 @6964 has 85 MA's), (Start: 145 @7012 has 1 MA's), (302, 7147), (467, 7339), (513, 7426), (620, 7624), (675, 7714), (718, 7777), (809, 7939), (983, 8137), (999, 8161), (1001, 8164), (1080, 8227), (1100, 8248), (1129, 8287), (1193, 8383), (1241, 8437), (1279, 8473), (1405, 8620), (1435, 8650), (1438, 8653),

Gene: Hereford_4 Start: 1422, Stop: 3017, Start Num: 206
Candidate Starts for Hereford_4:
(Start: 206 @1422 has 13 MA's), (419, 1680), (431, 1704), (444, 1710), (620, 2001), (634, 2031), (665, 2082), (672, 2091), (764, 2193), (770, 2205), (867, 2328), (973, 2457), (1151, 2685), (1186, 2727), (1449, 3006),

Gene: Hermia_13 Start: 7751, Stop: 9439, Start Num: 102
Candidate Starts for Hermia_13:
(Start: 102 @7751 has 400 MA's), (Start: 309 @7931 has 15 MA's), (381, 8015), (408, 8051), (424, 8078), (513, 8201), (535, 8234), (581, 8309), (620, 8399), (631, 8423), (647, 8450), (679, 8498), (728, 8567), (767, 8642), (774, 8654), (778, 8663), (809, 8714), (1001, 8939), (1009, 8948), (1021, 8960), (1080, 9002), (1100, 9023), (1117, 9050), (1193, 9158), (1279, 9248), (1365, 9353),

Gene: HermioneGrange_12 Start: 6720, Stop: 8408, Start Num: 102
Candidate Starts for HermioneGrange_12:
(Start: 102 @6720 has 400 MA's), (381, 6984), (402, 7008), (513, 7170), (535, 7203), (581, 7278), (620, 7368), (631, 7392), (647, 7419), (679, 7467), (774, 7623), (809, 7683), (1001, 7908), (1009, 7917), (1021, 7929), (1080, 7971), (1100, 7992), (1117, 8019), (1193, 8127), (1279, 8217), (1365, 8322),

Gene: Hernandez44_3 Start: 1176, Stop: 2636, Start Num: 250
Candidate Starts for Hernandez44_3:
(Start: 250 @1176 has 144 MA's), (Start: 254 @1182 has 2 MA's), (358, 1344), (363, 1353), (399, 1413), (444, 1482), (465, 1503), (488, 1554), (619, 1758), (755, 1893), (806, 1971), (817, 1986), (842, 2022), (880, 2064), (911, 2097), (926, 2115), (1015, 2235), (1020, 2238), (1039, 2250), (1113, 2325), (1172, 2388), (1178, 2397), (1187, 2406), (1190, 2409), (1330, 2571), (1337, 2580), (1344, 2589), (1372, 2628),

Gene: Herod_2 Start: 498, Stop: 2222, Start Num: 305
Candidate Starts for Herod_2:
(Start: 295 @483 has 6 MA's), (Start: 305 @498 has 33 MA's), (373, 588), (499, 804), (510, 828), (513, 834), (523, 852), (526, 858), (555, 915), (590, 987), (696, 1185), (728, 1227), (732, 1233), (782, 1317), (807, 1344), (885, 1455), (908, 1482), (1013, 1659), (1191, 1932), (1194, 1935), (1197, 1941), (1212, 1962), (1245, 2001), (1281, 2049), (1289, 2058), (1307, 2082), (1332, 2100), (1374, 2157), (1439, 2214),

Gene: Hestia_2 Start: 690, Stop: 2330, Start Num: 253
Candidate Starts for Hestia_2:
(Start: 171 @597 has 16 MA's), (Start: 253 @690 has 2 MA's), (Start: 256 @693 has 6 MA's), (Start: 330 @783 has 14 MA's), (346, 807), (364, 843), (377, 846), (415, 906), (473, 1014), (513, 1101), (615, 1278), (636, 1320), (650, 1341), (677, 1377), (761, 1512), (765, 1518), (808, 1557), (854, 1626), (956, 1692), (962, 1704), (987, 1740), (1062, 1824), (1113, 1881), (1150, 1944), (1194, 2028), (1214, 2052), (1241, 2094), (1292, 2151), (1295, 2154), (1304, 2166), (1365, 2235), (1397, 2277), (1422, 2304), (1433, 2316),

Gene: Hexamo_15 Start: 7488, Stop: 9242, Start Num: 103
Candidate Starts for Hexamo_15:

(Start: 103 @7488 has 236 MA's), (241, 7620), (298, 7719), (314, 7743), (Start: 330 @7770 has 14 MA's), (362, 7806), (424, 7881), (513, 8004), (523, 8019), (538, 8043), (581, 8112), (593, 8136), (594, 8139), (620, 8202), (631, 8226), (718, 8355), (722, 8358), (780, 8469), (914, 8631), (983, 8718), (992, 8730), (999, 8742), (1064, 8790), (1080, 8805), (1113, 8844), (1129, 8865), (1182, 8949), (1193, 8961), (1405, 9198), (1433, 9225), (1435, 9228),

Gene: Hexbug_5 Start: 1093, Stop: 2790, Start Num: 167
Candidate Starts for Hexbug_5:
(144, 1066), (Start: 167 @1093 has 9 MA's), (Start: 232 @1147 has 1 MA's), (Start: 249 @1168 has 1 MA's), (266, 1195), (362, 1306), (425, 1384), (490, 1468), (509, 1504), (513, 1513), (515, 1516), (543, 1564), (550, 1576), (595, 1663), (645, 1753), (701, 1843), (735, 1897), (866, 2110), (879, 2125), (887, 2134), (954, 2176), (987, 2242), (992, 2248), (1025, 2290), (1074, 2323), (1080, 2332), (1165, 2452), (1214, 2509), (1234, 2530), (1269, 2557), (1311, 2617), (1370, 2686), (1372, 2689), (1414, 2734), (1454, 2776), (1456, 2779),

Gene: Hibiscus_2 Start: 511, Stop: 2103, Start Num: 206
Candidate Starts for Hibiscus_2:
(Start: 206 @511 has 13 MA's), (314, 646), (347, 694), (402, 733), (419, 769), (463, 817), (490, 877), (518, 919), (520, 922), (532, 946), (533, 949), (569, 976), (598, 1039), (630, 1111), (645, 1141), (648, 1147), (650, 1150), (827, 1399), (852, 1420), (865, 1435), (867, 1438), (877, 1450), (938, 1510), (964, 1555), (973, 1573), (979, 1582), (997, 1612), (1105, 1705), (1117, 1726), (1124, 1735), (1170, 1795), (1219, 1855), (1290, 1927), (1316, 1957), (1361, 2011), (1369, 2020), (1385, 2038), (1449, 2092),

Gene: Highbury_9 Start: 2474, Stop: 4144, Start Num: 394
Candidate Starts for Highbury_9:
(Start: 394 @2474 has 48 MA's), (427, 2537), (551, 2771), (598, 2873), (693, 3053), (710, 3077), (724, 3095), (732, 3107), (768, 3170), (776, 3182), (808, 3227), (815, 3242), (873, 3320), (911, 3365), (934, 3419), (935, 3425), (1000, 3539), (1037, 3587), (1104, 3683), (1116, 3704), (1124, 3719), (1218, 3872), (1232, 3884), (1279, 3941), (1307, 3977), (1346, 4028), (1372, 4064), (1374, 4067), (1438, 4133),

Gene: Hilltopfarm_9 Start: 4704, Stop: 6329, Start Num: 155
Candidate Starts for Hilltopfarm_9:
(82, 4623), (91, 4638), (130, 4680), (Start: 155 @4704 has 202 MA's), (160, 4710), (Start: 303 @4878 has 2 MA's), (310, 4890), (Start: 317 @4902 has 15 MA's), (431, 5046), (484, 5142), (487, 5151), (532, 5229), (535, 5235), (584, 5292), (593, 5307), (631, 5397), (648, 5430), (650, 5433), (753, 5505), (790, 5562), (824, 5610), (840, 5631), (847, 5643), (858, 5655), (877, 5679), (899, 5703), (903, 5709), (954, 5766), (964, 5784), (1046, 5886), (1083, 5928), (1127, 5991), (1134, 6000), (1137, 6006), (1233, 6120), (1275, 6132), (1294, 6150), (1327, 6192), (1362, 6234), (1374, 6249),

Gene: Hippo_6 Start: 2376, Stop: 4022, Start Num: 95
Candidate Starts for Hippo_6:
(Start: 95 @2376 has 98 MA's), (Start: 113 @2394 has 11 MA's), (Start: 251 @2526 has 3 MA's), (Start: 330 @2598 has 14 MA's), (362, 2634), (504, 2814), (515, 2835), (548, 2880), (575, 2922), (603, 2994), (620, 3018), (680, 3117), (690, 3132), (704, 3156), (712, 3162), (838, 3330), (983, 3480), (997, 3501), (1064, 3564), (1088, 3591), (1165, 3699), (1193, 3738), (1214, 3759), (1219, 3765), (1236, 3783), (1325, 3879), (1372, 3939), (1445, 4017),

Gene: HippoHollow_13 Start: 9192, Stop: 10979, Start Num: 103
Candidate Starts for HippoHollow_13:
(Start: 103 @9192 has 236 MA's), (Start: 217 @9300 has 1 MA's), (234, 9321), (298, 9429), (314, 9453), (512, 9711), (513, 9714), (538, 9753), (581, 9822), (593, 9846), (620, 9912), (631, 9936), (704, 10053), (722, 10068), (1088, 10554), (1113, 10581), (1129, 10602), (1193, 10698), (1405, 10935),

(1433, 10962), (1435, 10965),

Gene: HippoPololi_6 Start: 1863, Stop: 3563, Start Num: 170
Candidate Starts for HippoPololi_6:
(Start: 170 @1863 has 103 MA's), (214, 1893), (Start: 249 @1935 has 1 MA's), (362, 2073), (408, 2121), (425, 2151), (467, 2184), (490, 2235), (496, 2250), (513, 2280), (525, 2301), (543, 2331), (595, 2430), (603, 2451), (645, 2520), (675, 2562), (780, 2739), (808, 2790), (848, 2853), (866, 2877), (953, 2943), (979, 3000), (981, 3003), (987, 3012), (1074, 3096), (1080, 3105), (1088, 3117), (1098, 3123), (1113, 3144), (1142, 3183), (1214, 3282), (1247, 3318), (1330, 3405), (1372, 3462), (1374, 3465), (1394, 3486), (1454, 3549), (1456, 3552),

Gene: Hiro_8 Start: 3156, Stop: 4838, Start Num: 107
Candidate Starts for Hiro_8:
(Start: 107 @3156 has 35 MA's), (Start: 309 @3342 has 15 MA's), (362, 3414), (381, 3426), (402, 3450), (408, 3462), (523, 3630), (567, 3690), (593, 3747), (594, 3750), (620, 3798), (770, 4053), (780, 4071), (812, 4125), (956, 4269), (983, 4311), (1006, 4344), (1088, 4413), (1193, 4557), (1236, 4602), (1292, 4662), (1372, 4761), (1405, 4794), (1433, 4821), (1435, 4824), (1438, 4827),

Gene: Hitter_2 Start: 360, Stop: 1928, Start Num: 173
Candidate Starts for Hitter_2:
(65, 255), (Start: 173 @360 has 36 MA's), (259, 444), (289, 477), (Start: 318 @519 has 1 MA's), (Start: 333 @537 has 4 MA's), (342, 552), (384, 573), (399, 594), (419, 633), (465, 693), (483, 729), (487, 741), (515, 786), (520, 795), (539, 822), (588, 891), (593, 900), (648, 1005), (661, 1020), (675, 1035), (745, 1113), (778, 1164), (919, 1320), (956, 1359), (973, 1398), (1002, 1431), (1015, 1443), (1071, 1488), (1074, 1491), (1078, 1497), (1107, 1518), (1112, 1527), (1113, 1530), (1146, 1560), (1157, 1584), (1174, 1599), (1278, 1701), (1317, 1743), (1326, 1758), (1346, 1779), (1358, 1794), (1459, 1902), (1463, 1911), (1464, 1917),

Gene: Hlubikazi_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for Hlubikazi_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 217 @629 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (454, 905), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (740, 1397), (862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1225, 1946), (1239, 1964), (1250, 1979), (1265, 2006), (1297, 2039), (1315, 2060), (1320, 2066), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: Holex_12 Start: 8166, Stop: 9932, Start Num: 121
Candidate Starts for Holex_12:
(Start: 103 @8145 has 236 MA's), (Start: 117 @8160 has 10 MA's), (Start: 121 @8166 has 5 MA's), (241, 8277), (298, 8376), (424, 8538), (487, 8610), (513, 8664), (538, 8703), (581, 8775), (620, 8865), (631, 8889), (704, 9006), (722, 9021), (778, 9129), (823, 9204), (848, 9240), (898, 9300), (992, 9420), (1006, 9441), (1064, 9480), (1113, 9534), (1115, 9537), (1129, 9555), (1163, 9609), (1182, 9639), (1193, 9651), (1279, 9741), (1295, 9759), (1405, 9888), (1433, 9915), (1435, 9918),

Gene: Holli_11 Start: 6677, Stop: 8374, Start Num: 102
Candidate Starts for Holli_11:
(Start: 102 @6677 has 400 MA's), (Start: 124 @6701 has 46 MA's), (Start: 251 @6824 has 3 MA's), (350, 6914), (381, 6947), (467, 7046), (512, 7130), (513, 7133), (538, 7172), (581, 7241), (593, 7265), (620, 7331), (675, 7421), (774, 7586), (825, 7673), (848, 7706), (923, 7772), (981, 7844), (983, 7847),

(999, 7871), (1064, 7922), (1080, 7937), (1113, 7976), (1129, 7997), (1193, 8093), (1405, 8330), (1435, 8360), (1438, 8363),

Gene: Holt_10 Start: 2580, Stop: 4250, Start Num: 394
Candidate Starts for Holt_10:
(Start: 394 @2580 has 48 MA's), (427, 2643), (551, 2877), (598, 2979), (693, 3159), (710, 3183), (724, 3201), (732, 3213), (768, 3276), (776, 3288), (808, 3333), (815, 3348), (873, 3426), (911, 3471), (934, 3525), (935, 3531), (1000, 3645), (1104, 3789), (1124, 3825), (1218, 3978), (1232, 3990), (1279, 4047), (1307, 4083), (1346, 4134), (1372, 4170), (1374, 4173), (1438, 4239),

Gene: HomeFry_30 Start: 11600, Stop: 13279, Start Num: 152
Candidate Starts for HomeFry_30:
(Start: 152 @11600 has 15 MA's), (Start: 157 @11606 has 1 MA's), (Start: 217 @11666 has 1 MA's), (261, 11711), (Start: 317 @11753 has 15 MA's), (353, 11810), (379, 11849), (Start: 403 @11879 has 1 MA's), (408, 11888), (516, 12059), (621, 12260), (635, 12287), (647, 12305), (740, 12455), (748, 12467), (768, 12500), (983, 12728), (1007, 12761), (1064, 12836), (1104, 12875), (1112, 12887), (1113, 12890), (1146, 12932), (1163, 12965), (1196, 12998), (1203, 13010), (1297, 13115), (1365, 13184), (1387, 13214), (1432, 13256), (1445, 13271),

Gene: Homines_11 Start: 7026, Stop: 8714, Start Num: 102
Candidate Starts for Homines_11:
(Start: 102 @7026 has 400 MA's), (Start: 309 @7206 has 15 MA's), (381, 7290), (408, 7326), (424, 7353), (513, 7476), (535, 7509), (581, 7584), (620, 7674), (631, 7698), (647, 7725), (679, 7773), (728, 7842), (774, 7929), (809, 7989), (1009, 8223), (1021, 8235), (1080, 8277), (1100, 8298), (1117, 8325), (1193, 8433), (1279, 8523), (1365, 8628),

Gene: Homura_8 Start: 1637, Stop: 3058, Start Num: 247
Candidate Starts for Homura_8:
(Start: 165 @1565 has 76 MA's), (Start: 230 @1625 has 31 MA's), (Start: 247 @1637 has 171 MA's), (Start: 336 @1748 has 12 MA's), (342, 1754), (391, 1832), (402, 1841), (425, 1889), (444, 1907), (487, 1976), (514, 2018), (517, 2024), (532, 2051), (533, 2054), (607, 2171), (611, 2180), (675, 2261), (792, 2375), (820, 2423), (827, 2435), (851, 2465), (870, 2489), (880, 2501), (959, 2579), (962, 2585), (1112, 2729), (1146, 2762), (1187, 2816), (1353, 2993), (1425, 3047),

Gene: Honk_2 Start: 655, Stop: 2367, Start Num: 135
Candidate Starts for Honk_2:
(6, 301), (7, 313), (120, 640), (Start: 135 @655 has 1 MA's), (158, 676), (302, 796), (424, 952), (477, 1012), (504, 1063), (513, 1081), (575, 1180), (595, 1231), (732, 1468), (746, 1492), (914, 1690), (987, 1789), (1080, 1882), (1113, 1921), (1193, 2038), (1209, 2053), (1250, 2107), (1292, 2182), (1372, 2278), (1381, 2290), (1445, 2356),

Gene: Hookmount_12 Start: 7044, Stop: 8741, Start Num: 102
Candidate Starts for Hookmount_12:
(Start: 102 @7044 has 400 MA's), (Start: 124 @7068 has 46 MA's), (381, 7314), (508, 7488), (513, 7500), (538, 7539), (550, 7551), (581, 7608), (593, 7632), (620, 7698), (623, 7707), (675, 7788), (693, 7821), (774, 7953), (780, 7965), (812, 8019), (825, 8040), (848, 8073), (914, 8127), (983, 8214), (999, 8238), (1001, 8241), (1006, 8247), (1015, 8256), (1080, 8304), (1113, 8343), (1115, 8346), (1129, 8364), (1193, 8460), (1241, 8514), (1374, 8667), (1405, 8697), (1435, 8727), (1438, 8730),

Gene: Hoonter_10 Start: 2509, Stop: 4179, Start Num: 394
Candidate Starts for Hoonter_10:
(Start: 394 @2509 has 48 MA's), (427, 2572), (551, 2806), (598, 2908), (693, 3088), (710, 3112), (724, 3130), (732, 3142), (768, 3205), (776, 3217), (808, 3262), (815, 3277), (873, 3355), (911, 3400), (934,

3454), (935, 3460), (1000, 3574), (1037, 3622), (1104, 3718), (1116, 3739), (1124, 3754), (1218, 3907), (1232, 3919), (1279, 3976), (1307, 4012), (1346, 4063), (1372, 4099), (1374, 4102), (1438, 4168),

Gene: Hoot_15 Start: 7512, Stop: 9266, Start Num: 103
Candidate Starts for Hoot_15:
(Start: 103 @7512 has 236 MA's), (298, 7743), (Start: 330 @7794 has 14 MA's), (362, 7830), (424, 7905), (513, 8028), (538, 8067), (581, 8136), (593, 8160), (594, 8163), (620, 8226), (631, 8250), (693, 8349), (696, 8352), (718, 8379), (722, 8382), (923, 8667), (992, 8754), (999, 8766), (1080, 8829), (1113, 8868), (1129, 8889), (1182, 8973), (1193, 8985), (1405, 9222), (1433, 9249), (1435, 9252),

Gene: Hope_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for Hope_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Hope4ever_11 Start: 7128, Stop: 8816, Start Num: 102
Candidate Starts for Hope4ever_11:
(Start: 102 @7128 has 400 MA's), (381, 7392), (402, 7416), (513, 7578), (535, 7611), (581, 7686), (620, 7776), (631, 7800), (647, 7827), (679, 7875), (767, 8019), (774, 8031), (809, 8091), (1001, 8316), (1009, 8325), (1021, 8337), (1080, 8379), (1100, 8400), (1117, 8427), (1193, 8535), (1279, 8625), (1365, 8730),

Gene: Hopey_9 Start: 2274, Stop: 3944, Start Num: 394
Candidate Starts for Hopey_9:
(Start: 394 @2274 has 48 MA's), (427, 2337), (551, 2571), (598, 2673), (693, 2853), (710, 2877), (724, 2895), (732, 2907), (768, 2970), (776, 2982), (808, 3027), (815, 3042), (873, 3120), (911, 3165), (934, 3219), (935, 3225), (1000, 3339), (1104, 3483), (1124, 3519), (1218, 3672), (1232, 3684), (1279, 3741), (1307, 3777), (1346, 3828), (1372, 3864), (1374, 3867), (1438, 3933),

Gene: Horacetta_3 Start: 1074, Stop: 2534, Start Num: 250
Candidate Starts for Horacetta_3:
(Start: 250 @1074 has 144 MA's), (Start: 254 @1080 has 2 MA's), (358, 1242), (363, 1251), (399, 1311), (444, 1380), (465, 1401), (488, 1452), (619, 1656), (806, 1869), (817, 1884), (842, 1920), (880, 1962), (911, 1995), (926, 2013), (1015, 2133), (1020, 2136), (1039, 2148), (1113, 2223), (1172, 2286), (1187, 2304), (1190, 2307), (1330, 2469), (1337, 2478), (1344, 2487), (1372, 2526),

Gene: HorseRider_2 Start: 351, Stop: 1808, Start Num: 185
Candidate Starts for HorseRider_2:
(Start: 185 @351 has 14 MA's), (194, 360), (199, 366), (446, 633), (487, 699), (607, 903), (647, 966), (826, 1191), (878, 1239), (922, 1287), (971, 1350), (975, 1359), (1132, 1518), (1184, 1569), (1195, 1581), (1263, 1644), (1286, 1662), (1364, 1755), (1371, 1764), (1397, 1797),

Gene: Horseradish_5 Start: 1017, Stop: 2696, Start Num: 170
Candidate Starts for Horseradish_5:
(Start: 170 @1017 has 103 MA's), (Start: 232 @1068 has 1 MA's), (Start: 249 @1089 has 1 MA's), (300, 1128), (362, 1215), (407, 1260), (415, 1281), (424, 1290), (485, 1362), (509, 1413), (513, 1422), (543, 1473), (595, 1572), (603, 1593), (623, 1626), (645, 1662), (735, 1806), (760, 1842), (780, 1881), (798, 1914), (825, 1962), (866, 2019), (921, 2052), (954, 2085), (987, 2151), (992, 2157), (1062, 2223),

(1076, 2235), (1080, 2241), (1146, 2322), (1214, 2418), (1269, 2466), (1330, 2541), (1394, 2622), (1454, 2682), (1456, 2685),

Gene: Hortense_2 Start: 318, Stop: 1901, Start Num: 151
Candidate Starts for Hortense_2:
(Start: 151 @318 has 55 MA's), (259, 426), (Start: 318 @504 has 1 MA's), (342, 537), (419, 618), (421, 621), (425, 630), (465, 666), (491, 726), (566, 816), (568, 819), (583, 855), (607, 912), (611, 921), (620, 936), (675, 1008), (680, 1020), (723, 1071), (778, 1137), (808, 1179), (919, 1293), (959, 1338), (962, 1344), (971, 1365), (1054, 1455), (1057, 1458), (1109, 1500), (1142, 1536), (1146, 1539), (1172, 1575), (1187, 1593), (1216, 1629), (1280, 1680), (1334, 1743), (1371, 1785), (1408, 1827),

Gene: Hortihabitatio_16 Start: 9579, Stop: 11324, Start Num: 307
Candidate Starts for Hortihabitatio_16:
(Start: 307 @9579 has 198 MA's), (310, 9585), (363, 9672), (367, 9678), (387, 9714), (417, 9768), (435, 9801), (493, 9927), (556, 10053), (572, 10074), (599, 10143), (644, 10245), (680, 10302), (750, 10431), (805, 10530), (808, 10536), (823, 10566), (841, 10593), (892, 10659), (1022, 10818), (1050, 10845), (1053, 10854), (1088, 10896), (1111, 10920), (1120, 10941), (1123, 10944), (1290, 11172), (1299, 11184), (1315, 11202), (1370, 11274), (1372, 11277),

Gene: HortumSL17_13 Start: 8109, Stop: 9896, Start Num: 103
Candidate Starts for HortumSL17_13:
(Start: 103 @8109 has 236 MA's), (Start: 117 @8124 has 10 MA's), (Start: 121 @8130 has 5 MA's), (241, 8241), (298, 8340), (424, 8502), (487, 8574), (513, 8628), (538, 8667), (581, 8739), (620, 8829), (631, 8853), (704, 8970), (722, 8985), (778, 9093), (823, 9168), (848, 9204), (898, 9264), (992, 9384), (1006, 9405), (1064, 9444), (1113, 9498), (1115, 9501), (1129, 9519), (1163, 9573), (1182, 9603), (1193, 9615), (1279, 9705), (1295, 9723), (1405, 9852), (1433, 9879), (1435, 9882),

Gene: Hoshi_8 Start: 3146, Stop: 4891, Start Num: 307
Candidate Starts for Hoshi_8:
(Start: 307 @3146 has 198 MA's), (342, 3200), (345, 3203), (363, 3239), (367, 3245), (488, 3479), (535, 3578), (556, 3620), (572, 3641), (589, 3683), (594, 3695), (637, 3794), (644, 3812), (666, 3848), (791, 4073), (805, 4097), (808, 4103), (892, 4226), (950, 4295), (1050, 4412), (1052, 4418), (1071, 4439), (1120, 4508), (1123, 4511), (1156, 4562), (1223, 4649), (1273, 4715), (1290, 4739), (1299, 4751), (1315, 4769), (1370, 4841), (1372, 4844),

Gene: HotFries_6 Start: 2653, Stop: 4398, Start Num: 307
Candidate Starts for HotFries_6:
(Start: 307 @2653 has 198 MA's), (310, 2659), (342, 2707), (363, 2746), (367, 2752), (516, 3049), (556, 3127), (570, 3145), (572, 3148), (599, 3217), (611, 3250), (644, 3319), (656, 3343), (699, 3412), (750, 3505), (808, 3610), (892, 3733), (950, 3805), (1071, 3946), (1120, 4015), (1123, 4018), (1223, 4156), (1274, 4225), (1290, 4246), (1293, 4249), (1299, 4258), (1315, 4276), (1336, 4306), (1370, 4348), (1372, 4351),

Gene: HotPotato_2 Start: 685, Stop: 2373, Start Num: 370
Candidate Starts for HotPotato_2:
(294, 574), (311, 601), (Start: 330 @625 has 14 MA's), (370, 685), (388, 718), (441, 820), (469, 859), (473, 865), (481, 883), (486, 898), (487, 901), (493, 919), (499, 931), (513, 961), (554, 1039), (566, 1063), (576, 1075), (590, 1114), (598, 1135), (611, 1168), (656, 1255), (660, 1261), (732, 1363), (766, 1420), (774, 1435), (807, 1474), (873, 1570), (986, 1747), (994, 1762), (1011, 1786), (1147, 1996), (1158, 2020), (1165, 2038), (1187, 2068), (1197, 2083), (1232, 2125), (1253, 2152), (1281, 2176), (1289, 2185), (1372, 2290),

Gene: Hotshotbaby7_2 Start: 455, Stop: 1891, Start Num: 262

Candidate Starts for Hotshotbaby7_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Houdini22_11 Start: 6888, Stop: 8585, Start Num: 102
Candidate Starts for Houdini22_11:
(Start: 102 @6888 has 400 MA's), (Start: 124 @6912 has 46 MA's), (Start: 251 @7035 has 3 MA's), (350, 7125), (381, 7158), (467, 7257), (512, 7341), (513, 7344), (538, 7383), (581, 7452), (593, 7476), (620, 7542), (675, 7632), (774, 7797), (825, 7884), (848, 7917), (923, 7983), (981, 8055), (983, 8058), (999, 8082), (1064, 8133), (1080, 8148), (1113, 8187), (1129, 8208), (1193, 8304), (1405, 8541), (1435, 8571), (1438, 8574),

Gene: Howe_2 Start: 318, Stop: 1901, Start Num: 151
Candidate Starts for Howe_2:
(Start: 151 @318 has 55 MA's), (259, 426), (Start: 318 @504 has 1 MA's), (342, 537), (419, 618), (421, 621), (425, 630), (465, 666), (491, 726), (566, 816), (568, 819), (583, 855), (607, 912), (611, 921), (620, 936), (675, 1008), (680, 1020), (723, 1071), (778, 1137), (808, 1179), (919, 1293), (959, 1338), (962, 1344), (971, 1365), (1054, 1455), (1057, 1458), (1109, 1500), (1142, 1536), (1146, 1539), (1172, 1575), (1187, 1593), (1216, 1629), (1280, 1680), (1334, 1743), (1371, 1785), (1408, 1827),

Gene: HubbaBubba_22 Start: 9084, Stop: 10811, Start Num: 155
Candidate Starts for HubbaBubba_22:
(Start: 155 @9084 has 202 MA's), (Start: 317 @9234 has 15 MA's), (351, 9285), (Start: 403 @9360 has 1 MA's), (408, 9369), (464, 9492), (473, 9510), (621, 9792), (635, 9819), (740, 9987), (748, 9999), (824, 10110), (1007, 10293), (1104, 10407), (1113, 10422), (1196, 10530), (1320, 10674), (1365, 10716), (1387, 10746), (1432, 10788),

Gene: Huckleberry_2 Start: 426, Stop: 1991, Start Num: 165
Candidate Starts for Huckleberry_2:
(Start: 165 @426 has 76 MA's), (Start: 333 @636 has 4 MA's), (402, 696), (419, 732), (424, 741), (431, 756), (444, 762), (463, 780), (557, 942), (569, 963), (620, 1077), (650, 1137), (748, 1203), (770, 1236), (790, 1266), (803, 1281), (852, 1362), (936, 1440), (941, 1449), (1009, 1557), (1020, 1566), (1046, 1593), (1105, 1647), (1133, 1689), (1212, 1755), (1328, 1857),

Gene: Huffy_9 Start: 3697, Stop: 5304, Start Num: 207
Candidate Starts for Huffy_9:
(Start: 133 @3619 has 3 MA's), (Start: 207 @3697 has 6 MA's), (402, 3925), (422, 3967), (474, 4030), (484, 4051), (569, 4189), (595, 4243), (631, 4327), (632, 4330), (634, 4333), (650, 4363), (838, 4570), (941, 4693), (991, 4780), (1004, 4795), (1020, 4810), (1081, 4873), (1139, 4942), (1163, 4984), (1219, 5059), (1221, 5062), (1274, 5095), (1328, 5161), (1371, 5212), (1453, 5290), (1459, 5296),

Gene: Hugley_2 Start: 498, Stop: 2222, Start Num: 305
Candidate Starts for Hugley_2:
(Start: 295 @483 has 6 MA's), (Start: 305 @498 has 33 MA's), (373, 588), (499, 804), (510, 828), (513, 834), (523, 852), (526, 858), (555, 915), (590, 987), (696, 1185), (728, 1227), (732, 1233), (782, 1317), (807, 1344), (885, 1455), (908, 1482), (1013, 1659), (1191, 1932), (1194, 1935), (1197, 1941), (1212, 1962), (1245, 2001), (1281, 2049), (1289, 2058), (1307, 2082), (1332, 2100), (1374, 2157), (1439, 2214),

Gene: HuhtaEnerson15_9 Start: 6188, Stop: 7939, Start Num: 67
Candidate Starts for HuhtaEnerson15_9:
(Start: 54 @6161 has 19 MA's), (Start: 67 @6188 has 32 MA's), (Start: 115 @6257 has 1 MA's), (Start: 237 @6371 has 1 MA's), (241, 6377), (362, 6509), (424, 6584), (425, 6587), (467, 6620), (487, 6653), (551, 6761), (567, 6785), (581, 6818), (620, 6893), (641, 6938), (690, 7016), (693, 7022), (728, 7067), (812, 7220), (825, 7241), (983, 7415), (999, 7439), (1001, 7442), (1080, 7502), (1088, 7514), (1113, 7541), (1129, 7562), (1182, 7646), (1193, 7658), (1405, 7895), (1438, 7928), (1443, 7934),

Gene: Hulk_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for Hulk_3:
(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (755, 1803), (806, 1881), (817, 1896), (842, 1932), (880, 1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298), (1178, 2307), (1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: Hum25_2 Start: 471, Stop: 2078, Start Num: 152
Candidate Starts for Hum25_2:
(Start: 152 @471 has 15 MA's), (178, 501), (310, 615), (373, 687), (473, 807), (603, 1071), (615, 1092), (627, 1116), (645, 1146), (668, 1182), (673, 1188), (685, 1209), (700, 1239), (704, 1245), (740, 1299), (770, 1347), (794, 1368), (833, 1431), (862, 1467), (884, 1491), (965, 1536), (979, 1554), (992, 1572), (999, 1584), (1080, 1659), (1113, 1698), (1150, 1749), (1190, 1800), (1196, 1806), (1227, 1842), (1255, 1878), (1258, 1881), (1398, 2013), (1441, 2061),

Gene: Hunnie_4 Start: 800, Stop: 2290, Start Num: 202
Candidate Starts for Hunnie_4:
(Start: 202 @800 has 39 MA's), (245, 845), (Start: 318 @947 has 1 MA's), (Start: 333 @965 has 4 MA's), (Start: 336 @974 has 12 MA's), (Start: 397 @1025 has 4 MA's), (399, 1028), (405, 1037), (419, 1067), (434, 1094), (506, 1193), (577, 1292), (585, 1316), (586, 1319), (588, 1322), (607, 1367), (789, 1601), (820, 1649), (827, 1661), (864, 1700), (886, 1718), (902, 1730), (904, 1733), (922, 1754), (937, 1760), (946, 1772), (987, 1850), (1047, 1904), (1112, 1958), (1121, 1970), (1156, 2015), (1206, 2063), (1299, 2147), (1349, 2204), (1406, 2273),

Gene: HunterDalle_2 Start: 429, Stop: 1994, Start Num: 165
Candidate Starts for HunterDalle_2:
(Start: 165 @429 has 76 MA's), (Start: 307 @600 has 198 MA's), (Start: 397 @693 has 4 MA's), (426, 750), (431, 759), (463, 783), (488, 837), (569, 966), (620, 1080), (650, 1140), (672, 1170), (790, 1269), (803, 1284), (941, 1452), (983, 1527), (985, 1530), (1009, 1560), (1100, 1644), (1133, 1692), (1177, 1716), (1283, 1806), (1328, 1860), (1404, 1941), (1451, 1980),

Gene: Huntingdon_5 Start: 3080, Stop: 4645, Start Num: 165
Candidate Starts for Huntingdon_5:
(Start: 165 @3080 has 76 MA's), (Start: 309 @3254 has 15 MA's), (Start: 333 @3290 has 4 MA's), (Start: 397 @3344 has 4 MA's), (419, 3386), (431, 3410), (518, 3536), (584, 3650), (593, 3665), (595, 3671), (620, 3731), (650, 3791), (748, 3857), (770, 3890), (790, 3920), (803, 3935), (818, 3968), (827, 3983), (852, 4016), (941, 4103), (1117, 4322), (1133, 4343), (1176, 4364), (1232, 4433), (1328, 4511), (1361, 4550), (1393, 4580), (1404, 4592), (1451, 4631), (1458, 4640),

Gene: Huphlepuff_37 Start: 10925, Stop: 12667, Start Num: 170
Candidate Starts for Huphlepuff_37:
(Start: 170 @10925 has 103 MA's), (302, 11042), (Start: 330 @11087 has 14 MA's), (369, 11153), (374, 11168), (402, 11201), (Start: 403 @11204 has 1 MA's), (411, 11219), (425, 11243), (426, 11246), (467, 11276), (479, 11297), (485, 11315), (488, 11324), (505, 11360), (513, 11375), (543, 11420),

(575, 11462), (590, 11501), (595, 11513), (603, 11534), (632, 11585), (647, 11606), (798, 11828), (866, 11933), (874, 11942), (930, 11975), (954, 11996), (956, 11999), (969, 12026), (983, 12056), (992, 12068), (1001, 12083), (1009, 12092), (1015, 12098), (1062, 12140), (1074, 12149), (1084, 12164), (1100, 12179), (1146, 12239), (1163, 12278), (1185, 12311), (1214, 12341), (1217, 12344), (1265, 12428), (1292, 12482), (1304, 12497), (1332, 12524), (1372, 12578), (1451, 12650), (1453, 12653),

Gene: Hurricane_7 Start: 1494, Stop: 2918, Start Num: 247
Candidate Starts for Hurricane_7:
(199, 1455), (Start: 230 @1482 has 31 MA's), (Start: 247 @1494 has 171 MA's), (Start: 322 @1581 has 1 MA's), (Start: 336 @1605 has 12 MA's), (391, 1689), (402, 1698), (425, 1746), (444, 1764), (463, 1782), (487, 1833), (514, 1875), (517, 1881), (532, 1908), (591, 1986), (607, 2028), (611, 2037), (675, 2118), (686, 2136), (792, 2232), (820, 2280), (827, 2292), (851, 2322), (870, 2346), (880, 2358), (962, 2442), (992, 2484), (1111, 2583), (1112, 2586), (1150, 2628), (1157, 2643), (1160, 2649), (1184, 2670), (1187, 2673), (1353, 2850), (1431, 2913),

Gene: Hutc2_12 Start: 8027, Stop: 9790, Start Num: 103
Candidate Starts for Hutc2_12:
(Start: 103 @8027 has 236 MA's), (Start: 121 @8048 has 5 MA's), (Start: 217 @8135 has 1 MA's), (298, 8264), (314, 8288), (362, 8351), (487, 8495), (512, 8546), (513, 8549), (581, 8660), (593, 8684), (594, 8687), (620, 8750), (623, 8759), (631, 8774), (704, 8891), (722, 8906), (751, 8966), (803, 9050), (923, 9191), (992, 9278), (999, 9290), (1064, 9338), (1080, 9353), (1113, 9392), (1129, 9413), (1155, 9452), (1182, 9497), (1193, 9509), (1405, 9746), (1433, 9773),

Gene: Huxley_11 Start: 6948, Stop: 8645, Start Num: 102
Candidate Starts for Huxley_11:
(Start: 102 @6948 has 400 MA's), (Start: 124 @6972 has 46 MA's), (Start: 251 @7095 has 3 MA's), (350, 7185), (381, 7218), (467, 7317), (512, 7401), (513, 7404), (538, 7443), (581, 7512), (593, 7536), (620, 7602), (675, 7692), (774, 7857), (825, 7944), (848, 7977), (923, 8043), (981, 8115), (983, 8118), (999, 8142), (1064, 8193), (1080, 8208), (1113, 8247), (1129, 8268), (1193, 8364), (1405, 8601), (1435, 8631), (1438, 8634),

Gene: Hydra_8 Start: 2939, Stop: 4585, Start Num: 95
Candidate Starts for Hydra_8:
(Start: 95 @2939 has 98 MA's), (Start: 113 @2957 has 11 MA's), (Start: 330 @3161 has 14 MA's), (407, 3242), (504, 3377), (515, 3398), (575, 3485), (603, 3557), (620, 3581), (680, 3680), (722, 3734), (803, 3833), (838, 3893), (992, 4055), (997, 4064), (1088, 4154), (1113, 4181), (1164, 4259), (1165, 4262), (1193, 4301), (1214, 4322), (1219, 4328), (1236, 4346), (1325, 4442), (1372, 4502),

Gene: Hydrus_16 Start: 9487, Stop: 11232, Start Num: 307
Candidate Starts for Hydrus_16:
(Start: 307 @9487 has 198 MA's), (310, 9493), (367, 9586), (387, 9622), (417, 9676), (502, 9853), (556, 9961), (570, 9979), (572, 9982), (599, 10051), (637, 10135), (644, 10153), (680, 10210), (728, 10291), (750, 10339), (805, 10438), (808, 10444), (837, 10495), (841, 10501), (872, 10543), (892, 10567), (1053, 10762), (1088, 10804), (1111, 10828), (1120, 10849), (1123, 10852), (1249, 11032), (1288, 11077), (1290, 11080), (1299, 11092), (1370, 11182), (1372, 11185),

Gene: Hyperbowlee_8 Start: 1637, Stop: 3058, Start Num: 247
Candidate Starts for Hyperbowlee_8:
(Start: 165 @1565 has 76 MA's), (Start: 230 @1625 has 31 MA's), (Start: 247 @1637 has 171 MA's), (Start: 336 @1748 has 12 MA's), (342, 1754), (391, 1832), (402, 1841), (425, 1889), (444, 1907), (487, 1976), (514, 2018), (517, 2024), (532, 2051), (533, 2054), (607, 2171), (611, 2180), (675, 2261), (792, 2375), (820, 2423), (827, 2435), (851, 2465), (870, 2489), (880, 2501), (959, 2579), (962, 2585), (1112,

2729), (1146, 2762), (1187, 2816), (1353, 2993), (1425, 3047),

Gene: Hyzer_2 Start: 498, Stop: 2222, Start Num: 305
Candidate Starts for Hyzer_2:
(Start: 295 @483 has 6 MA's), (Start: 305 @498 has 33 MA's), (373, 588), (439, 702), (447, 714), (486, 771), (499, 804), (510, 828), (513, 834), (526, 858), (530, 864), (555, 915), (590, 987), (696, 1185), (728, 1227), (732, 1233), (782, 1317), (783, 1320), (807, 1344), (828, 1377), (873, 1440), (885, 1455), (908, 1482), (1000, 1641), (1013, 1659), (1191, 1932), (1194, 1935), (1197, 1941), (1212, 1962), (1241, 1995), (1245, 2001), (1281, 2049), (1289, 2058), (1307, 2082), (1332, 2100), (1374, 2157), (1439, 2214),

Gene: IAmGroot_2 Start: 501, Stop: 2183, Start Num: 122
Candidate Starts for IAmGroot_2:
(Start: 122 @501 has 14 MA's), (Start: 202 @555 has 39 MA's), (424, 798), (477, 852), (513, 921), (535, 957), (748, 1317), (1193, 1857), (1381, 2109),

Gene: ICleared_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for ICleared_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: IDyn_25 Start: 10480, Stop: 12207, Start Num: 155
Candidate Starts for IDyn_25:
(Start: 155 @10480 has 202 MA's), (Start: 317 @10630 has 15 MA's), (351, 10681), (379, 10726), (Start: 403 @10756 has 1 MA's), (408, 10765), (464, 10888), (473, 10906), (621, 11188), (635, 11215), (740, 11383), (748, 11395), (824, 11506), (1007, 11689), (1104, 11803), (1113, 11818), (1136, 11851), (1196, 11926), (1320, 12070), (1365, 12112), (1387, 12142), (1432, 12184),

Gene: ILeeKay_13 Start: 7180, Stop: 8868, Start Num: 102
Candidate Starts for ILeeKay_13:
(Start: 102 @7180 has 400 MA's), (381, 7444), (402, 7468), (513, 7630), (535, 7663), (581, 7738), (604, 7792), (620, 7828), (631, 7852), (647, 7879), (679, 7927), (728, 7996), (774, 8083), (809, 8143), (1009, 8377), (1021, 8389), (1080, 8431), (1100, 8452), (1117, 8479), (1193, 8587), (1279, 8677), (1365, 8782),

Gene: IMpilo_2 Start: 588, Stop: 2225, Start Num: 155
Candidate Starts for IMpilo_2:
(Start: 155 @588 has 202 MA's), (Start: 161 @594 has 29 MA's), (168, 603), (Start: 176 @612 has 3 MA's), (182, 618), (Start: 217 @645 has 1 MA's), (Start: 247 @669 has 171 MA's), (Start: 250 @672 has 144 MA's), (Start: 318 @735 has 1 MA's), (Start: 330 @753 has 14 MA's), (353, 774), (412, 861), (414, 867), (454, 921), (473, 933), (484, 945), (487, 954), (488, 957), (496, 978), (508, 999), (516, 1014), (548, 1071), (575, 1110), (602, 1179), (604, 1185), (621, 1215), (622, 1218), (627, 1227), (635, 1242), (647, 1260), (680, 1311), (740, 1413), (862, 1584), (874, 1596), (920, 1614), (983, 1680), (1005, 1710), (1007, 1713), (1010, 1716), (1080, 1773), (1097, 1788), (1101, 1794), (1104, 1797), (1113, 1812), (1117, 1821), (1164, 1890), (1190, 1920), (1196, 1929), (1225, 1962), (1250, 1995), (1265, 2022), (1297, 2055), (1320, 2082), (1325, 2085), (1349, 2106), (1365, 2130), (1372, 2139), (1374, 2142), (1429, 2199),

Gene: IPhane7_14 Start: 4719, Stop: 6263, Start Num: 170
Candidate Starts for IPhane7_14:

(Start: 170 @4719 has 103 MA's), (215, 4767), (398, 4968), (487, 5106), (606, 5298), (776, 5508), (809, 5559), (863, 5631), (959, 5694), (970, 5718), (977, 5733), (1041, 5793), (1050, 5805), (1113, 5865), (1142, 5898), (1160, 5931), (1190, 5958), (1228, 6006), (1400, 6192), (1420, 6213),

Gene: IUFootball_2 Start: 532, Stop: 2271, Start Num: 124
Candidate Starts for IUFootball_2:
(Start: 124 @532 has 46 MA's), (Start: 176 @592 has 3 MA's), (Start: 185 @601 has 14 MA's), (Start: 232 @655 has 1 MA's), (350, 778), (469, 916), (477, 928), (490, 952), (513, 997), (546, 1045), (595, 1138), (645, 1237), (647, 1240), (686, 1297), (746, 1399), (748, 1402), (812, 1468), (851, 1525), (910, 1594), (1001, 1714), (1165, 1906), (1193, 1942), (1209, 1957), (1325, 2122), (1381, 2194), (1399, 2209), (1402, 2212), (1442, 2257),

Gene: IbOuu_2 Start: 571, Stop: 2208, Start Num: 155
Candidate Starts for IbOuu_2:
(Start: 155 @571 has 202 MA's), (163, 580), (Start: 176 @595 has 3 MA's), (Start: 247 @652 has 171 MA's), (Start: 250 @655 has 144 MA's), (Start: 318 @718 has 1 MA's), (353, 757), (412, 844), (454, 904), (473, 916), (484, 928), (487, 937), (488, 940), (496, 961), (508, 982), (548, 1054), (575, 1093), (602, 1162), (604, 1168), (621, 1198), (622, 1201), (627, 1210), (635, 1225), (647, 1243), (680, 1294), (736, 1387), (740, 1396), (862, 1567), (874, 1579), (983, 1663), (1005, 1693), (1007, 1696), (1010, 1699), (1080, 1756), (1097, 1771), (1101, 1777), (1104, 1780), (1113, 1795), (1117, 1804), (1164, 1873), (1190, 1903), (1196, 1912), (1225, 1945), (1250, 1978), (1265, 2005), (1297, 2038), (1325, 2068), (1349, 2089), (1365, 2113), (1372, 2122), (1374, 2125), (1429, 2182),

Gene: Ibantik_67 Start: 28527, Stop: 30182, Start Num: 157
Candidate Starts for Ibantik_67:
(Start: 157 @28527 has 1 MA's), (Start: 167 @28539 has 9 MA's), (Start: 330 @28710 has 14 MA's), (363, 28749), (484, 28941), (485, 28944), (487, 28950), (502, 28983), (513, 29004), (550, 29058), (581, 29121), (620, 29196), (625, 29208), (647, 29253), (690, 29319), (866, 29544), (1146, 29832), (1214, 29910), (1244, 29946), (1281, 29982), (1301, 30006), (1314, 30021), (1360, 30087), (1365, 30093), (1374, 30105), (1416, 30147),

Gene: Ibhubesi_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for Ibhubesi_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 217 @629 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1 MA's), (412, 845), (454, 905), (473, 917), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (736, 1388), (740, 1397), (862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1239, 1964), (1250, 1979), (1265, 2006), (1297, 2039), (1315, 2060), (1320, 2066), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: Ibrahim_3 Start: 724, Stop: 2607, Start Num: 72
Candidate Starts for Ibrahim_3:
(9, 475), (Start: 72 @724 has 7 MA's), (Start: 137 @805 has 4 MA's), (144, 814), (Start: 232 @910 has 1 MA's), (241, 922), (362, 1054), (488, 1201), (490, 1207), (504, 1234), (513, 1252), (553, 1315), (625, 1450), (738, 1651), (790, 1708), (987, 1927), (1028, 1978), (1054, 2002), (1091, 2053), (1167, 2182), (1185, 2221), (1193, 2230), (1226, 2281), (1251, 2320), (1281, 2407), (1292, 2419), (1370, 2512), (1381, 2527), (1383, 2530),

Gene: Icarian_4 Start: 949, Stop: 2574, Start Num: 225
Candidate Starts for Icarian_4:

(Start: 225 @949 has 84 MA's), (339, 1105), (405, 1159), (431, 1213), (459, 1228), (490, 1297), (520, 1342), (569, 1396), (594, 1447), (595, 1450), (620, 1510), (628, 1528), (630, 1531), (643, 1558), (662, 1588), (774, 1750), (956, 1966), (1003, 2041), (1015, 2053), (1296, 2368), (1328, 2407),

Gene: IceWarrior_8 Start: 3146, Stop: 4891, Start Num: 307
Candidate Starts for IceWarrior_8:
(Start: 307 @3146 has 198 MA's), (342, 3200), (345, 3203), (363, 3239), (367, 3245), (488, 3479), (535, 3578), (556, 3620), (572, 3641), (589, 3683), (594, 3695), (637, 3794), (644, 3812), (666, 3848), (791, 4073), (805, 4097), (808, 4103), (892, 4226), (950, 4295), (1050, 4412), (1052, 4418), (1071, 4439), (1120, 4508), (1123, 4511), (1156, 4562), (1223, 4649), (1273, 4715), (1290, 4739), (1299, 4751), (1315, 4769), (1370, 4841), (1372, 4844),

Gene: Iceman_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Iceman_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Ichabod_12 Start: 7032, Stop: 8720, Start Num: 102
Candidate Starts for Ichabod_12:
(Start: 102 @7032 has 400 MA's), (381, 7296), (402, 7320), (513, 7482), (535, 7515), (581, 7590), (620, 7680), (631, 7704), (679, 7779), (728, 7848), (774, 7935), (778, 7944), (809, 7995), (1009, 8229), (1021, 8241), (1080, 8283), (1100, 8304), (1117, 8331), (1193, 8439), (1279, 8529), (1365, 8634),

Gene: Ichiang_4 Start: 1613, Stop: 3313, Start Num: 209
Candidate Starts for Ichiang_4:
(Start: 155 @1556 has 202 MA's), (Start: 190 @1592 has 1 MA's), (Start: 209 @1613 has 22 MA's), (270, 1688), (Start: 295 @1736 has 6 MA's), (Start: 309 @1757 has 15 MA's), (339, 1805), (399, 1850), (402, 1853), (422, 1895), (431, 1913), (434, 1916), (444, 1919), (520, 2042), (532, 2066), (569, 2096), (595, 2150), (620, 2210), (648, 2267), (650, 2270), (665, 2291), (803, 2522), (852, 2588), (865, 2603), (973, 2774), (1009, 2822), (1020, 2831), (1061, 2873), (1100, 2906), (1126, 2945), (1177, 2987), (1283, 3077), (1305, 3104), (1307, 3107), (1313, 3113), (1328, 3134), (1364, 3176), (1433, 3254), (1464, 3302),

Gene: IdentityCrisis_2 Start: 663, Stop: 2147, Start Num: 230
Candidate Starts for IdentityCrisis_2:
(163, 600), (Start: 230 @663 has 31 MA's), (Start: 322 @747 has 1 MA's), (425, 909), (463, 945), (487, 996), (490, 1005), (607, 1191), (618, 1212), (636, 1233), (641, 1245), (675, 1281), (679, 1290), (715, 1353), (820, 1491), (827, 1503), (959, 1644), (962, 1650), (1042, 1719), (1059, 1737), (1095, 1767), (1112, 1791), (1142, 1821), (1160, 1854), (1187, 1878), (1235, 1932), (1263, 1956),

Gene: Idergollasper_30 Start: 13074, Stop: 14588, Start Num: 181
Candidate Starts for Idergollasper_30:
(Start: 181 @13074 has 17 MA's), (Start: 184 @13077 has 14 MA's), (Start: 322 @13257 has 1 MA's), (381, 13350), (424, 13425), (451, 13458), (474, 13485), (487, 13515), (591, 13668), (594, 13674), (607, 13710), (611, 13719), (675, 13800), (679, 13809), (680, 13812), (744, 13851), (788, 13908), (809, 13944), (810, 13947), (957, 14103), (962, 14112), (1025, 14181), (1042, 14190), (1046, 14196), (1080, 14229), (1112, 14265), (1187, 14352), (1203, 14373), (1277, 14436), (1283, 14439), (1286, 14442), (1299, 14460), (1317, 14481), (1353, 14523), (1386, 14559), (1415, 14571),

Gene: Idleandcovert_11 Start: 6496, Stop: 8193, Start Num: 102

Candidate Starts for Idleandcovert_11:
(Start: 102 @6496 has 400 MA's), (Start: 124 @6520 has 46 MA's), (168, 6568), (381, 6766), (424, 6829), (508, 6940), (513, 6952), (538, 6991), (550, 7003), (581, 7060), (593, 7084), (620, 7150), (623, 7159), (675, 7240), (690, 7267), (774, 7405), (825, 7492), (848, 7525), (923, 7591), (983, 7666), (999, 7690), (1001, 7693), (1006, 7699), (1015, 7708), (1064, 7741), (1080, 7756), (1129, 7816), (1193, 7912), (1236, 7957), (1241, 7966), (1374, 8119), (1405, 8149), (1435, 8179), (1438, 8182),

Gene: IgnatiusPatJac_10 Start: 7006, Stop: 8694, Start Num: 102
Candidate Starts for IgnatiusPatJac_10:
(Start: 102 @7006 has 400 MA's), (Start: 309 @7186 has 15 MA's), (381, 7270), (402, 7294), (513, 7456), (535, 7489), (581, 7564), (620, 7654), (631, 7678), (647, 7705), (679, 7753), (774, 7909), (809, 7969), (1001, 8194), (1009, 8203), (1021, 8215), (1080, 8257), (1100, 8278), (1117, 8305), (1193, 8413), (1279, 8503), (1365, 8608),

Gene: Illumine_8 Start: 1604, Stop: 3025, Start Num: 247
Candidate Starts for Illumine_8:
(Start: 165 @1532 has 76 MA's), (Start: 230 @1592 has 31 MA's), (Start: 247 @1604 has 171 MA's), (Start: 336 @1715 has 12 MA's), (342, 1721), (391, 1799), (402, 1808), (425, 1856), (444, 1874), (487, 1943), (514, 1985), (517, 1991), (532, 2018), (533, 2021), (591, 2096), (607, 2138), (611, 2147), (675, 2228), (792, 2342), (820, 2390), (827, 2402), (851, 2432), (870, 2456), (880, 2468), (893, 2483), (962, 2552), (987, 2591), (1112, 2696), (1146, 2729), (1187, 2783), (1353, 2960), (1425, 3014),

Gene: Imara_29 Start: 13323, Stop: 14837, Start Num: 181
Candidate Starts for Imara_29:
(Start: 181 @13323 has 17 MA's), (Start: 184 @13326 has 14 MA's), (Start: 322 @13506 has 1 MA's), (381, 13599), (424, 13674), (451, 13707), (474, 13734), (487, 13764), (591, 13917), (594, 13923), (607, 13959), (611, 13968), (675, 14049), (679, 14058), (680, 14061), (744, 14100), (788, 14157), (809, 14193), (810, 14196), (957, 14352), (962, 14361), (1025, 14430), (1042, 14439), (1046, 14445), (1080, 14478), (1112, 14514), (1187, 14601), (1203, 14622), (1277, 14685), (1283, 14688), (1286, 14691), (1299, 14709), (1317, 14730), (1353, 14772), (1386, 14808), (1415, 14820),

Gene: Immaculata_5 Start: 3127, Stop: 4692, Start Num: 165
Candidate Starts for Immaculata_5:
(Start: 165 @3127 has 76 MA's), (Start: 333 @3337 has 4 MA's), (Start: 397 @3391 has 4 MA's), (431, 3457), (463, 3481), (584, 3697), (593, 3712), (595, 3718), (620, 3778), (650, 3838), (770, 3937), (790, 3967), (803, 3982), (852, 4063), (936, 4141), (941, 4150), (961, 4186), (983, 4225), (1009, 4258), (1020, 4267), (1046, 4294), (1105, 4348), (1133, 4390), (1176, 4411), (1197, 4435), (1212, 4456), (1232, 4480), (1328, 4558), (1451, 4678),

Gene: Impisi_2 Start: 509, Stop: 2044, Start Num: 227
Candidate Starts for Impisi_2:
(Start: 227 @509 has 25 MA's), (Start: 230 @512 has 31 MA's), (Start: 249 @527 has 1 MA's), (292, 584), (Start: 307 @602 has 198 MA's), (316, 614), (331, 635), (Start: 333 @638 has 4 MA's), (390, 686), (412, 722), (422, 743), (474, 806), (539, 926), (583, 1010), (613, 1076), (659, 1148), (661, 1151), (677, 1163), (747, 1289), (766, 1313), (808, 1376), (878, 1460), (940, 1517), (950, 1532), (987, 1607), (1003, 1625), (1152, 1769), (1187, 1790), (1213, 1823), (1226, 1838), (1278, 1874), (1346, 1952), (1349, 1955), (1353, 1961),

Gene: InLimbo_2 Start: 312, Stop: 1757, Start Num: 225
Candidate Starts for InLimbo_2:
(Start: 225 @312 has 84 MA's), (Start: 297 @375 has 6 MA's), (365, 486), (463, 615), (490, 675), (517, 714), (583, 804), (602, 846), (611, 870), (623, 894), (636, 903), (640, 912), (641, 915), (773, 1041), (851, 1158), (940, 1239), (959, 1266), (962, 1272), (1042, 1341), (1082, 1383), (1111, 1410), (1129,

1425), (1150, 1455), (1157, 1470), (1160, 1476), (1187, 1500), (1263, 1575), (1283, 1590), (1348, 1674), (1353, 1680), (1358, 1686), (1364, 1692), (1367, 1695),

Gene: Inca_8 Start: 1976, Stop: 3646, Start Num: 389
Candidate Starts for Inca_8:
(Start: 389 @1976 has 11 MA's), (551, 2273), (598, 2375), (693, 2555), (710, 2579), (724, 2597), (732, 2609), (768, 2672), (808, 2729), (815, 2744), (873, 2822), (911, 2867), (934, 2921), (935, 2927), (1000, 3041), (1037, 3089), (1104, 3185), (1124, 3221), (1218, 3374), (1232, 3386), (1279, 3443), (1307, 3479), (1346, 3530), (1372, 3566), (1374, 3569), (1438, 3635),

Gene: Indigenous_8 Start: 3146, Stop: 4891, Start Num: 307
Candidate Starts for Indigenous_8:
(Start: 307 @3146 has 198 MA's), (342, 3200), (345, 3203), (363, 3239), (367, 3245), (488, 3479), (535, 3578), (556, 3620), (572, 3641), (589, 3683), (594, 3695), (637, 3794), (644, 3812), (666, 3848), (791, 4073), (805, 4097), (808, 4103), (892, 4226), (950, 4295), (1050, 4412), (1052, 4418), (1071, 4439), (1120, 4508), (1123, 4511), (1156, 4562), (1223, 4649), (1273, 4715), (1290, 4739), (1299, 4751), (1315, 4769), (1370, 4841), (1372, 4844),

Gene: Indigo_6 Start: 2402, Stop: 4048, Start Num: 95
Candidate Starts for Indigo_6:
(Start: 95 @2402 has 98 MA's), (Start: 113 @2420 has 11 MA's), (Start: 330 @2624 has 14 MA's), (407, 2705), (504, 2840), (515, 2861), (575, 2948), (603, 3020), (620, 3044), (680, 3143), (722, 3197), (803, 3296), (838, 3356), (992, 3518), (997, 3527), (1088, 3617), (1113, 3644), (1164, 3722), (1165, 3725), (1193, 3764), (1214, 3785), (1219, 3791), (1236, 3809), (1325, 3905), (1372, 3965),

Gene: Indra_15 Start: 7533, Stop: 9287, Start Num: 103
Candidate Starts for Indra_15:
(Start: 103 @7533 has 236 MA's), (241, 7665), (298, 7764), (314, 7788), (Start: 330 @7815 has 14 MA's), (362, 7851), (424, 7926), (513, 8049), (523, 8064), (538, 8088), (581, 8157), (593, 8181), (594, 8184), (620, 8247), (631, 8271), (718, 8400), (722, 8403), (780, 8514), (914, 8676), (983, 8763), (992, 8775), (999, 8787), (1064, 8835), (1080, 8850), (1113, 8889), (1129, 8910), (1182, 8994), (1193, 9006), (1405, 9243), (1433, 9270), (1435, 9273),

Gene: IndyLu_3 Start: 768, Stop: 2396, Start Num: 225
Candidate Starts for IndyLu_3:
(Start: 225 @768 has 84 MA's), (339, 924), (431, 1032), (474, 1077), (490, 1116), (518, 1158), (569, 1215), (594, 1266), (595, 1269), (620, 1329), (628, 1347), (643, 1377), (662, 1407), (1020, 1878), (1117, 1980), (1328, 2229), (1369, 2277), (1387, 2301), (1447, 2346),

Gene: Ingrid_7 Start: 3620, Stop: 5359, Start Num: 307
Candidate Starts for Ingrid_7:
(Start: 307 @3620 has 198 MA's), (367, 3719), (433, 3839), (485, 3938), (502, 3980), (516, 4010), (556, 4088), (572, 4109), (611, 4211), (644, 4280), (693, 4361), (750, 4466), (791, 4541), (805, 4565), (872, 4670), (892, 4694), (956, 4775), (981, 4823), (1053, 4889), (1071, 4907), (1120, 4976), (1273, 5183), (1290, 5207), (1299, 5219), (1370, 5309), (1372, 5312),

Gene: Inked_8 Start: 3794, Stop: 5533, Start Num: 307
Candidate Starts for Inked_8:
(Start: 307 @3794 has 198 MA's), (367, 3893), (433, 4013), (485, 4112), (502, 4154), (516, 4184), (556, 4262), (572, 4283), (611, 4385), (644, 4454), (656, 4478), (750, 4640), (791, 4715), (805, 4739), (872, 4844), (892, 4868), (956, 4949), (981, 4997), (1053, 5063), (1071, 5081), (1076, 5087), (1120, 5150), (1123, 5153), (1273, 5357), (1290, 5381), (1299, 5393), (1370, 5483), (1372, 5486),

Gene: Inky_8 Start: 1637, Stop: 3058, Start Num: 247
Candidate Starts for Inky_8:
(Start: 165 @1565 has 76 MA's), (Start: 230 @1625 has 31 MA's), (Start: 247 @1637 has 171 MA's), (Start: 336 @1748 has 12 MA's), (342, 1754), (391, 1832), (402, 1841), (425, 1889), (444, 1907), (487, 1976), (514, 2018), (517, 2024), (532, 2051), (533, 2054), (607, 2171), (611, 2180), (675, 2261), (792, 2375), (820, 2423), (827, 2435), (851, 2465), (870, 2489), (880, 2501), (959, 2579), (962, 2585), (1112, 2729), (1146, 2762), (1187, 2816), (1353, 2993), (1425, 3047),

Gene: Insomnia_12 Start: 8076, Stop: 9839, Start Num: 103
Candidate Starts for Insomnia_12:
(42, 7956), (Start: 103 @8076 has 236 MA's), (Start: 121 @8097 has 5 MA's), (Start: 217 @8184 has 1 MA's), (298, 8313), (314, 8337), (362, 8400), (487, 8544), (512, 8595), (513, 8598), (581, 8709), (593, 8733), (594, 8736), (620, 8799), (623, 8808), (631, 8823), (704, 8940), (722, 8955), (751, 9015), (803, 9099), (992, 9327), (999, 9339), (1064, 9387), (1080, 9402), (1113, 9441), (1129, 9462), (1155, 9501), (1182, 9546), (1193, 9558), (1405, 9795), (1433, 9822),

Gene: Inspire2_4 Start: 800, Stop: 2290, Start Num: 202
Candidate Starts for Inspire2_4:
(Start: 202 @800 has 39 MA's), (245, 845), (Start: 318 @947 has 1 MA's), (Start: 333 @965 has 4 MA's), (Start: 336 @974 has 12 MA's), (Start: 397 @1025 has 4 MA's), (399, 1028), (405, 1037), (419, 1067), (434, 1094), (506, 1193), (577, 1292), (585, 1316), (586, 1319), (588, 1322), (607, 1367), (789, 1601), (820, 1649), (827, 1661), (864, 1700), (886, 1718), (902, 1730), (904, 1733), (922, 1754), (937, 1760), (946, 1772), (987, 1850), (1047, 1904), (1112, 1958), (1121, 1970), (1156, 2015), (1206, 2063), (1299, 2147), (1349, 2204), (1406, 2273),

Gene: Invectra_3 Start: 820, Stop: 2379, Start Num: 151
Candidate Starts for Invectra_3:
(88, 760), (Start: 151 @820 has 55 MA's), (259, 928), (Start: 318 @1006 has 1 MA's), (342, 1039), (419, 1120), (421, 1123), (425, 1132), (465, 1168), (566, 1318), (568, 1321), (583, 1357), (607, 1414), (611, 1423), (620, 1438), (675, 1510), (680, 1522), (723, 1573), (778, 1639), (808, 1681), (875, 1750), (880, 1756), (919, 1795), (946, 1816), (962, 1846), (971, 1867), (1009, 1912), (1054, 1948), (1057, 1951), (1109, 1993), (1216, 2122), (1280, 2173), (1390, 2302), (1461, 2362),

Gene: Inventum_2 Start: 571, Stop: 2208, Start Num: 155
Candidate Starts for Inventum_2:
(Start: 155 @571 has 202 MA's), (163, 580), (Start: 176 @595 has 3 MA's), (Start: 247 @652 has 171 MA's), (Start: 250 @655 has 144 MA's), (Start: 318 @718 has 1 MA's), (353, 757), (412, 844), (454, 904), (473, 916), (484, 928), (487, 937), (488, 940), (496, 961), (508, 982), (548, 1054), (575, 1093), (602, 1162), (604, 1168), (621, 1198), (622, 1201), (627, 1210), (635, 1225), (647, 1243), (680, 1294), (736, 1387), (740, 1396), (862, 1567), (874, 1579), (983, 1663), (1005, 1693), (1007, 1696), (1010, 1699), (1080, 1756), (1097, 1771), (1101, 1777), (1104, 1780), (1113, 1795), (1117, 1804), (1164, 1873), (1190, 1903), (1196, 1912), (1225, 1945), (1250, 1978), (1265, 2005), (1297, 2038), (1325, 2068), (1349, 2089), (1365, 2113), (1372, 2122), (1374, 2125), (1429, 2182),

Gene: InvictusManeo_6 Start: 1331, Stop: 2758, Start Num: 262
Candidate Starts for InvictusManeo_6:
(Start: 262 @1331 has 67 MA's), (310, 1388), (Start: 322 @1409 has 1 MA's), (Start: 336 @1433 has 12 MA's), (391, 1517), (402, 1526), (405, 1532), (425, 1574), (444, 1592), (463, 1610), (487, 1661), (505, 1700), (532, 1736), (591, 1814), (607, 1856), (611, 1865), (613, 1868), (675, 1946), (792, 2060), (820, 2108), (827, 2120), (851, 2150), (880, 2186), (903, 2213), (962, 2270), (1042, 2354), (1064, 2378), (1142, 2456), (1187, 2513), (1208, 2537), (1235, 2561), (1353, 2690), (1425, 2747),

Gene: Inyanga_10 Start: 6795, Stop: 8483, Start Num: 102

Candidate Starts for Inyanga_10:
(Start: 102 @6795 has 400 MA's), (381, 7059), (402, 7083), (513, 7245), (535, 7278), (581, 7353), (620, 7443), (631, 7467), (647, 7494), (679, 7542), (728, 7611), (767, 7686), (774, 7698), (778, 7707), (809, 7758), (1009, 7992), (1021, 8004), (1080, 8046), (1100, 8067), (1117, 8094), (1193, 8202), (1279, 8292), (1365, 8397),

Gene: Iqorha_10 Start: 6795, Stop: 8483, Start Num: 102
Candidate Starts for Iqorha_10:
(Start: 102 @6795 has 400 MA's), (Start: 309 @6975 has 15 MA's), (381, 7059), (408, 7095), (424, 7122), (513, 7245), (535, 7278), (581, 7353), (620, 7443), (631, 7467), (647, 7494), (679, 7542), (728, 7611), (767, 7686), (774, 7698), (778, 7707), (809, 7758), (1001, 7983), (1009, 7992), (1021, 8004), (1080, 8046), (1100, 8067), (1117, 8094), (1193, 8202), (1279, 8292), (1365, 8397),

Gene: Iracema64_11 Start: 6861, Stop: 8558, Start Num: 102
Candidate Starts for Iracema64_11:
(Start: 102 @6861 has 400 MA's), (Start: 124 @6885 has 46 MA's), (Start: 251 @7008 has 3 MA's), (350, 7098), (381, 7131), (467, 7230), (512, 7314), (513, 7317), (538, 7356), (581, 7425), (593, 7449), (620, 7515), (675, 7605), (774, 7770), (825, 7857), (848, 7890), (923, 7956), (981, 8028), (983, 8031), (999, 8055), (1064, 8106), (1080, 8121), (1113, 8160), (1129, 8181), (1193, 8277), (1405, 8514), (1435, 8544), (1438, 8547),

Gene: IrishSherpFalk_2 Start: 575, Stop: 2212, Start Num: 155
Candidate Starts for IrishSherpFalk_2:
(Start: 155 @575 has 202 MA's), (163, 584), (Start: 176 @599 has 3 MA's), (Start: 204 @620 has 1 MA's), (Start: 217 @632 has 1 MA's), (Start: 247 @656 has 171 MA's), (Start: 250 @659 has 144 MA's), (261, 677), (Start: 318 @722 has 1 MA's), (353, 761), (412, 848), (454, 908), (473, 920), (484, 932), (487, 941), (488, 944), (496, 965), (508, 986), (516, 1001), (548, 1058), (575, 1097), (602, 1166), (604, 1172), (621, 1202), (622, 1205), (627, 1214), (635, 1229), (647, 1247), (680, 1298), (736, 1391), (740, 1400), (862, 1571), (874, 1583), (920, 1601), (983, 1667), (1005, 1697), (1007, 1700), (1010, 1703), (1080, 1760), (1097, 1775), (1101, 1781), (1104, 1784), (1113, 1799), (1117, 1808), (1164, 1877), (1190, 1907), (1196, 1916), (1225, 1949), (1250, 1982), (1265, 2009), (1297, 2042), (1320, 2069), (1325, 2072), (1349, 2093), (1365, 2117), (1372, 2126), (1374, 2129), (1429, 2186),

Gene: IronMan_14 Start: 9160, Stop: 10938, Start Num: 103
Candidate Starts for IronMan_14:
(Start: 103 @9160 has 236 MA's), (Start: 121 @9178 has 5 MA's), (241, 9289), (Start: 251 @9301 has 3 MA's), (275, 9343), (281, 9355), (282, 9364), (298, 9388), (362, 9475), (512, 9670), (513, 9673), (538, 9712), (581, 9781), (620, 9871), (631, 9895), (693, 9994), (722, 10027), (916, 10327), (983, 10414), (1088, 10513), (1113, 10540), (1129, 10561), (1193, 10657), (1405, 10894), (1433, 10921), (1435, 10924),

Gene: IsHungry_6 Start: 1935, Stop: 3632, Start Num: 209
Candidate Starts for IsHungry_6:
(111, 1818), (Start: 138 @1854 has 120 MA's), (Start: 152 @1872 has 15 MA's), (178, 1902), (Start: 209 @1935 has 22 MA's), (Start: 295 @2055 has 6 MA's), (Start: 309 @2076 has 15 MA's), (Start: 317 @2091 has 15 MA's), (339, 2124), (Start: 397 @2166 has 4 MA's), (399, 2169), (422, 2214), (431, 2232), (434, 2235), (488, 2310), (520, 2361), (569, 2415), (595, 2469), (620, 2529), (665, 2610), (708, 2685), (852, 2907), (865, 2922), (888, 2949), (921, 2988), (926, 2994), (930, 3000), (960, 3060), (973, 3093), (1020, 3150), (1061, 3192), (1100, 3225), (1126, 3264), (1177, 3306), (1305, 3423), (1313, 3432), (1353, 3483), (1364, 3495), (1433, 3573), (1464, 3621),

Gene: Isca_11 Start: 6368, Stop: 8065, Start Num: 102
Candidate Starts for Isca_11:

(Start: 102 @6368 has 400 MA's), (168, 6440), (381, 6638), (424, 6701), (508, 6812), (513, 6824), (538, 6863), (550, 6875), (581, 6932), (593, 6956), (620, 7022), (623, 7031), (675, 7112), (690, 7139), (774, 7277), (812, 7343), (825, 7364), (848, 7397), (923, 7463), (983, 7538), (999, 7562), (1006, 7571), (1015, 7580), (1080, 7628), (1113, 7667), (1129, 7688), (1193, 7784), (1236, 7829), (1241, 7838), (1374, 7991), (1405, 8021), (1435, 8051), (1438, 8054),

Gene: Isiphiwo_15 Start: 7523, Stop: 9277, Start Num: 103
Candidate Starts for Isiphiwo_15:
(Start: 103 @7523 has 236 MA's), (298, 7754), (Start: 330 @7805 has 14 MA's), (362, 7841), (424, 7916), (513, 8039), (538, 8078), (581, 8147), (593, 8171), (594, 8174), (620, 8237), (631, 8261), (693, 8360), (696, 8363), (718, 8390), (722, 8393), (923, 8678), (992, 8765), (999, 8777), (1080, 8840), (1113, 8879), (1129, 8900), (1182, 8984), (1193, 8996), (1405, 9233), (1433, 9260), (1435, 9263),

Gene: Island3_2 Start: 522, Stop: 2081, Start Num: 152
Candidate Starts for Island3_2:
(Start: 152 @522 has 15 MA's), (Start: 232 @612 has 1 MA's), (Start: 305 @699 has 33 MA's), (345, 756), (381, 819), (413, 870), (463, 936), (468, 945), (499, 1017), (519, 1041), (527, 1053), (598, 1161), (606, 1173), (607, 1176), (634, 1215), (643, 1233), (788, 1380), (817, 1422), (891, 1506), (908, 1527), (944, 1551), (965, 1590), (1038, 1668), (1041, 1671), (1049, 1683), (1071, 1701), (1172, 1818), (1174, 1821), (1237, 1887), (1277, 1920), (1351, 2001), (1380, 2034),

Gene: Issa_7 Start: 3549, Stop: 5288, Start Num: 307
Candidate Starts for Issa_7:
(Start: 307 @3549 has 198 MA's), (367, 3648), (433, 3768), (485, 3867), (502, 3909), (516, 3939), (532, 3969), (556, 4017), (572, 4038), (611, 4140), (644, 4209), (656, 4233), (709, 4323), (750, 4395), (791, 4470), (805, 4494), (872, 4599), (892, 4623), (956, 4704), (981, 4752), (1053, 4818), (1071, 4836), (1076, 4842), (1120, 4905), (1123, 4908), (1252, 5097), (1273, 5112), (1274, 5115), (1290, 5136), (1299, 5148), (1370, 5238), (1372, 5241),

Gene: Issmi_7 Start: 2454, Stop: 4100, Start Num: 95
Candidate Starts for Issmi_7:
(Start: 95 @2454 has 98 MA's), (362, 2712), (381, 2724), (407, 2757), (490, 2865), (504, 2892), (515, 2913), (575, 3000), (603, 3072), (620, 3096), (680, 3195), (800, 3345), (838, 3408), (851, 3426), (983, 3558), (987, 3564), (997, 3579), (1004, 3588), (1088, 3669), (1108, 3687), (1113, 3696), (1165, 3777), (1193, 3816), (1214, 3837), (1236, 3861), (1292, 3921), (1372, 4017),

Gene: Iter_2 Start: 534, Stop: 2240, Start Num: 124
Candidate Starts for Iter_2:
(Start: 124 @534 has 46 MA's), (486, 906), (513, 963), (546, 1011), (595, 1101), (645, 1200), (693, 1275), (748, 1365), (851, 1488), (881, 1527), (983, 1650), (1146, 1830), (1165, 1869), (1193, 1905), (1209, 1920), (1292, 2055), (1363, 2139), (1372, 2151), (1381, 2163),

Gene: Itos_4 Start: 1069, Stop: 2637, Start Num: 138
Candidate Starts for Itos_4:
(Start: 138 @1069 has 120 MA's), (Start: 142 @1075 has 6 MA's), (Start: 284 @1231 has 1 MA's), (512, 1528), (515, 1534), (556, 1594), (591, 1666), (594, 1672), (602, 1693), (675, 1792), (710, 1840), (762, 1894), (776, 1918), (807, 1963), (809, 1969), (827, 1999), (832, 2005), (855, 2032), (863, 2041), (942, 2098), (946, 2104), (959, 2125), (962, 2131), (1020, 2206), (1023, 2209), (1060, 2245), (1116, 2290), (1172, 2356), (1234, 2431), (1266, 2449), (1278, 2458), (1420, 2605), (1448, 2629), (1450, 2632),

Gene: IttyBittyPiggy_2 Start: 535, Stop: 2232, Start Num: 124
Candidate Starts for IttyBittyPiggy_2:

(13, 244), (Start: 124 @535 has 46 MA's), (Start: 232 @622 has 1 MA's), (486, 907), (513, 964), (538, 1006), (595, 1102), (623, 1156), (693, 1276), (983, 1651), (1088, 1762), (1146, 1831), (1193, 1906), (1209, 1921), (1292, 2047), (1381, 2155),

Gene: Itza_6 Start: 2578, Stop: 4239, Start Num: 95
Candidate Starts for Itza_6:
(Start: 95 @2578 has 98 MA's), (Start: 284 @2761 has 1 MA's), (Start: 318 @2797 has 1 MA's), (469, 2968), (504, 3031), (538, 3088), (575, 3139), (603, 3211), (620, 3235), (636, 3268), (659, 3304), (680, 3334), (693, 3355), (751, 3448), (803, 3487), (813, 3511), (838, 3547), (903, 3607), (983, 3697), (997, 3718), (1015, 3739), (1115, 3838), (1193, 3955), (1236, 4000),

Gene: Iwokeuplikedis_12 Start: 7191, Stop: 8972, Start Num: 103
Candidate Starts for Iwokeuplikedis_12:
(28, 7023), (Start: 103 @7191 has 236 MA's), (298, 7422), (513, 7707), (538, 7746), (581, 7815), (620, 7905), (631, 7929), (647, 7956), (704, 8046), (722, 8061), (916, 8361), (983, 8448), (1080, 8535), (1088, 8547), (1113, 8574), (1182, 8679), (1193, 8691), (1405, 8928), (1435, 8958),

Gene: Izel_15 Start: 4718, Stop: 6262, Start Num: 170
Candidate Starts for Izel_15:
(Start: 170 @4718 has 103 MA's), (215, 4766), (398, 4967), (487, 5105), (606, 5297), (776, 5507), (809, 5558), (863, 5630), (959, 5693), (970, 5717), (977, 5732), (1041, 5792), (1050, 5804), (1113, 5864), (1142, 5897), (1160, 5930), (1190, 5957), (1228, 6005), (1400, 6191), (1420, 6212),

Gene: Izzy_7 Start: 2609, Stop: 4255, Start Num: 95
Candidate Starts for Izzy_7:
(Start: 95 @2609 has 98 MA's), (Start: 113 @2627 has 11 MA's), (Start: 330 @2831 has 14 MA's), (407, 2912), (504, 3047), (515, 3068), (548, 3113), (575, 3155), (603, 3227), (620, 3251), (675, 3338), (680, 3350), (722, 3404), (803, 3503), (838, 3563), (992, 3725), (997, 3734), (1088, 3824), (1116, 3857), (1164, 3929), (1165, 3932), (1193, 3971), (1214, 3992), (1219, 3998), (1236, 4016), (1325, 4112), (1372, 4172),

Gene: IzzyPants24_3 Start: 1113, Stop: 2573, Start Num: 250
Candidate Starts for IzzyPants24_3:
(Start: 250 @1113 has 144 MA's), (Start: 254 @1119 has 2 MA's), (358, 1281), (363, 1290), (399, 1350), (444, 1419), (465, 1440), (488, 1491), (619, 1695), (755, 1830), (806, 1908), (817, 1923), (829, 1941), (842, 1959), (880, 2001), (911, 2034), (926, 2052), (1015, 2172), (1020, 2175), (1039, 2187), (1047, 2199), (1060, 2211), (1113, 2262), (1160, 2319), (1172, 2325), (1178, 2334), (1187, 2343), (1190, 2346), (1330, 2508), (1337, 2517), (1344, 2526), (1372, 2565),

Gene: JAWS_8 Start: 1587, Stop: 3008, Start Num: 247
Candidate Starts for JAWS_8:
(Start: 165 @1515 has 76 MA's), (Start: 230 @1575 has 31 MA's), (Start: 247 @1587 has 171 MA's), (Start: 336 @1698 has 12 MA's), (342, 1704), (391, 1782), (402, 1791), (425, 1839), (444, 1857), (487, 1926), (514, 1968), (517, 1974), (532, 2001), (533, 2004), (607, 2121), (611, 2130), (675, 2211), (792, 2325), (820, 2373), (827, 2385), (851, 2415), (870, 2439), (880, 2451), (893, 2466), (959, 2529), (962, 2535), (1112, 2679), (1146, 2712), (1187, 2766), (1353, 2943), (1425, 2997),

Gene: JC27_13 Start: 7632, Stop: 9320, Start Num: 102
Candidate Starts for JC27_13:
(Start: 102 @7632 has 400 MA's), (Start: 309 @7812 has 15 MA's), (381, 7896), (408, 7932), (424, 7959), (513, 8082), (581, 8190), (620, 8280), (631, 8304), (647, 8331), (679, 8379), (728, 8448), (767, 8523), (774, 8535), (809, 8595), (1001, 8820), (1009, 8829), (1021, 8841), (1080, 8883), (1100, 8904), (1117, 8931), (1193, 9039), (1279, 9129), (1365, 9234),

Gene: JCole_2 Start: 318, Stop: 1889, Start Num: 151
Candidate Starts for JCole_2:
(Start: 151 @318 has 55 MA's), (Start: 297 @474 has 6 MA's), (Start: 318 @504 has 1 MA's), (342, 537), (402, 582), (421, 621), (425, 630), (491, 726), (566, 816), (607, 912), (620, 936), (648, 978), (689, 1032), (723, 1071), (778, 1137), (789, 1149), (808, 1179), (840, 1212), (919, 1293), (959, 1338), (962, 1344), (971, 1365), (1054, 1455), (1109, 1500), (1112, 1506), (1142, 1536), (1146, 1539), (1187, 1593), (1216, 1629), (1280, 1680), (1331, 1740), (1334, 1743), (1371, 1785), (1461, 1872),

Gene: JEGGS_8 Start: 3849, Stop: 5603, Start Num: 307
Candidate Starts for JEGGS_8:
(279, 3795), (Start: 303 @3843 has 2 MA's), (Start: 307 @3849 has 198 MA's), (363, 3942), (367, 3948), (469, 4140), (502, 4215), (516, 4245), (532, 4275), (556, 4323), (570, 4341), (572, 4344), (644, 4515), (750, 4701), (805, 4800), (820, 4830), (847, 4872), (892, 4929), (950, 5007), (956, 5019), (1053, 5133), (1071, 5151), (1109, 5196), (1120, 5220), (1123, 5223), (1150, 5262), (1249, 5403), (1288, 5448), (1290, 5451), (1299, 5463), (1336, 5511), (1363, 5544), (1370, 5553), (1372, 5556),

Gene: JF1_9 Start: 2465, Stop: 3910, Start Num: 247
Candidate Starts for JF1_9:
(Start: 247 @2465 has 171 MA's), (Start: 336 @2570 has 12 MA's), (391, 2654), (402, 2663), (425, 2711), (434, 2726), (463, 2753), (487, 2804), (493, 2822), (517, 2852), (532, 2879), (591, 2957), (607, 2999), (611, 3008), (613, 3011), (675, 3089), (679, 3098), (742, 3137), (792, 3203), (820, 3251), (851, 3293), (962, 3410), (992, 3452), (1042, 3497), (1111, 3566), (1150, 3611), (1160, 3632), (1187, 3656), (1353, 3833), (1425, 3899), (1431, 3905),

Gene: JF2_11 Start: 6133, Stop: 7830, Start Num: 102
Candidate Starts for JF2_11:
(Start: 102 @6133 has 400 MA's), (168, 6205), (381, 6403), (424, 6466), (508, 6577), (513, 6589), (538, 6628), (550, 6640), (581, 6697), (593, 6721), (604, 6751), (620, 6787), (623, 6796), (675, 6877), (690, 6904), (774, 7042), (812, 7108), (825, 7129), (848, 7162), (923, 7228), (983, 7303), (999, 7327), (1001, 7330), (1006, 7336), (1015, 7345), (1080, 7393), (1113, 7432), (1115, 7435), (1129, 7453), (1193, 7549), (1241, 7603), (1374, 7756), (1405, 7786), (1435, 7816), (1438, 7819),

Gene: JF4_11 Start: 6133, Stop: 7830, Start Num: 102
Candidate Starts for JF4_11:
(Start: 102 @6133 has 400 MA's), (168, 6205), (381, 6403), (424, 6466), (508, 6577), (513, 6589), (538, 6628), (550, 6640), (581, 6697), (593, 6721), (604, 6751), (620, 6787), (623, 6796), (675, 6877), (690, 6904), (774, 7042), (812, 7108), (825, 7129), (848, 7162), (923, 7228), (983, 7303), (999, 7327), (1001, 7330), (1006, 7336), (1015, 7345), (1080, 7393), (1113, 7432), (1115, 7435), (1129, 7453), (1193, 7549), (1241, 7603), (1374, 7756), (1405, 7786), (1435, 7816), (1438, 7819),

Gene: JHC117_13 Start: 6955, Stop: 8655, Start Num: 105
Candidate Starts for JHC117_13:
(Start: 105 @6955 has 85 MA's), (Start: 145 @7003 has 1 MA's), (302, 7138), (467, 7330), (513, 7417), (620, 7615), (675, 7705), (718, 7768), (809, 7930), (983, 8128), (999, 8152), (1001, 8155), (1080, 8218), (1100, 8239), (1129, 8278), (1193, 8374), (1241, 8428), (1279, 8464), (1405, 8611), (1435, 8641), (1438, 8644),

Gene: JRok_3 Start: 1071, Stop: 2531, Start Num: 250
Candidate Starts for JRok_3:
(Start: 250 @1071 has 144 MA's), (Start: 254 @1077 has 2 MA's), (358, 1239), (363, 1248), (399, 1308), (444, 1377), (465, 1398), (488, 1449), (619, 1653), (755, 1788), (806, 1866), (817, 1881), (842, 1917), (880, 1959), (911, 1992), (926, 2010), (1015, 2130), (1020, 2133), (1039, 2145), (1113, 2220),

(1172, 2283), (1187, 2301), (1190, 2304), (1330, 2466), (1337, 2475), (1344, 2484), (1372, 2523),

Gene: JSwag_14 Start: 6679, Stop: 8376, Start Num: 103
Candidate Starts for JSwag_14:
(Start: 103 @6679 has 236 MA's), (120, 6697), (302, 6859), (487, 7084), (513, 7138), (581, 7246), (594, 7273), (620, 7336), (631, 7360), (999, 7876), (1080, 7939), (1115, 7981), (1193, 8095), (1292, 8200), (1405, 8332), (1433, 8359), (1435, 8362), (1438, 8365),

Gene: Jaan_15 Start: 9550, Stop: 11328, Start Num: 103
Candidate Starts for Jaan_15:
(Start: 103 @9550 has 236 MA's), (Start: 121 @9568 has 5 MA's), (241, 9679), (Start: 251 @9691 has 3 MA's), (275, 9733), (281, 9745), (282, 9754), (298, 9778), (362, 9865), (512, 10060), (513, 10063), (538, 10102), (581, 10171), (620, 10261), (631, 10285), (693, 10384), (722, 10417), (916, 10717), (983, 10804), (1088, 10903), (1113, 10930), (1129, 10951), (1193, 11047), (1405, 11284), (1433, 11311), (1435, 11314),

Gene: Jabb_3 Start: 676, Stop: 2304, Start Num: 225
Candidate Starts for Jabb_3:
(Start: 225 @676 has 84 MA's), (339, 832), (431, 940), (490, 1024), (503, 1048), (569, 1123), (594, 1174), (595, 1177), (620, 1237), (628, 1255), (643, 1285), (662, 1315), (1003, 1771), (1020, 1786), (1328, 2137), (1464, 2293),

Gene: Jabiru_9 Start: 6013, Stop: 7764, Start Num: 67
Candidate Starts for Jabiru_9:
(Start: 54 @5986 has 19 MA's), (Start: 67 @6013 has 32 MA's), (Start: 108 @6073 has 1 MA's), (Start: 115 @6082 has 1 MA's), (147, 6121), (Start: 237 @6196 has 1 MA's), (241, 6202), (362, 6334), (424, 6409), (425, 6412), (551, 6586), (567, 6610), (620, 6718), (641, 6763), (690, 6841), (693, 6847), (793, 7012), (812, 7045), (825, 7066), (983, 7240), (999, 7264), (1113, 7366), (1129, 7387), (1163, 7441), (1182, 7471), (1193, 7483), (1241, 7537), (1402, 7717), (1405, 7720), (1438, 7753), (1443, 7759),

Gene: Jabith_12 Start: 8076, Stop: 9839, Start Num: 103
Candidate Starts for Jabith_12:
(42, 7956), (Start: 103 @8076 has 236 MA's), (Start: 121 @8097 has 5 MA's), (Start: 217 @8184 has 1 MA's), (298, 8313), (314, 8337), (362, 8400), (487, 8544), (512, 8595), (513, 8598), (581, 8709), (593, 8733), (594, 8736), (620, 8799), (623, 8808), (631, 8823), (704, 8940), (722, 8955), (751, 9015), (803, 9099), (992, 9327), (999, 9339), (1064, 9387), (1080, 9402), (1113, 9441), (1129, 9462), (1155, 9501), (1182, 9546), (1193, 9558), (1405, 9795), (1433, 9822),

Gene: Jablanski_2 Start: 485, Stop: 2284, Start Num: 87
Candidate Starts for Jablanski_2:
(Start: 87 @485 has 22 MA's), (Start: 207 @623 has 6 MA's), (354, 782), (362, 797), (430, 881), (469, 911), (477, 923), (485, 932), (502, 971), (513, 992), (573, 1076), (602, 1148), (623, 1184), (642, 1220), (696, 1310), (711, 1331), (735, 1382), (759, 1415), (927, 1589), (956, 1616), (983, 1658), (1001, 1685), (1006, 1691), (1080, 1757), (1088, 1769), (1102, 1796), (1165, 1907), (1182, 1943), (1193, 1955), (1211, 1979), (1234, 2006), (1249, 2030), (1287, 2093), (1325, 2135), (1370, 2192), (1381, 2207), (1399, 2222), (1402, 2225), (1416, 2240), (1445, 2270), (1448, 2273),

Gene: JackSparrow_12 Start: 7288, Stop: 8976, Start Num: 102
Candidate Starts for JackSparrow_12:
(Start: 102 @7288 has 400 MA's), (Start: 309 @7468 has 15 MA's), (381, 7552), (408, 7588), (424, 7615), (513, 7738), (581, 7846), (620, 7936), (631, 7960), (647, 7987), (679, 8035), (728, 8104), (767, 8179), (774, 8191), (809, 8251), (1001, 8476), (1009, 8485), (1021, 8497), (1080, 8539), (1100, 8560), (1117, 8587), (1193, 8695), (1279, 8785), (1365, 8890),

Gene: JacoRen57_2 Start: 669, Stop: 2324, Start Num: 170
Candidate Starts for JacoRen57_2:
(Start: 170 @669 has 103 MA's), (241, 732), (Start: 251 @744 has 3 MA's), (362, 861), (412, 918), (509, 1059), (513, 1068), (543, 1116), (625, 1269), (992, 1797), (1088, 1890), (1165, 1998), (1212, 2052), (1214, 2055), (1217, 2058), (1269, 2103), (1346, 2199), (1374, 2238),

Gene: Jahseh_3 Start: 1074, Stop: 2534, Start Num: 250
Candidate Starts for Jahseh_3:
(Start: 250 @1074 has 144 MA's), (Start: 254 @1080 has 2 MA's), (358, 1242), (363, 1251), (399, 1311), (444, 1380), (465, 1401), (488, 1452), (619, 1656), (806, 1869), (817, 1884), (842, 1920), (880, 1962), (911, 1995), (926, 2013), (1015, 2133), (1020, 2136), (1039, 2148), (1113, 2223), (1172, 2286), (1187, 2304), (1190, 2307), (1330, 2469), (1337, 2478), (1344, 2487), (1372, 2526),

Gene: JaimeB_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for JaimeB_3:
(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (806, 1881), (817, 1896), (842, 1932), (880, 1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298), (1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: Jalammah_2 Start: 360, Stop: 1928, Start Num: 173
Candidate Starts for Jalammah_2:
(65, 255), (Start: 173 @360 has 36 MA's), (289, 477), (Start: 318 @519 has 1 MA's), (Start: 333 @537 has 4 MA's), (342, 552), (384, 573), (399, 594), (419, 633), (465, 693), (483, 729), (487, 741), (515, 786), (520, 795), (539, 822), (593, 900), (648, 1005), (661, 1020), (675, 1035), (745, 1113), (778, 1164), (919, 1320), (956, 1359), (973, 1398), (1002, 1431), (1015, 1443), (1071, 1488), (1074, 1491), (1078, 1497), (1107, 1518), (1112, 1527), (1113, 1530), (1146, 1560), (1157, 1584), (1174, 1599), (1263, 1689), (1278, 1701), (1317, 1743), (1326, 1758), (1346, 1779), (1358, 1794), (1459, 1902), (1463, 1911), (1464, 1917),

Gene: Jalleen_2 Start: 318, Stop: 1889, Start Num: 151
Candidate Starts for Jalleen_2:
(Start: 151 @318 has 55 MA's), (Start: 297 @474 has 6 MA's), (Start: 318 @504 has 1 MA's), (342, 537), (421, 621), (425, 630), (491, 726), (566, 816), (607, 912), (620, 936), (648, 978), (689, 1032), (723, 1071), (778, 1137), (789, 1149), (808, 1179), (840, 1212), (919, 1293), (959, 1338), (962, 1344), (971, 1365), (1054, 1455), (1109, 1500), (1112, 1506), (1142, 1536), (1146, 1539), (1187, 1593), (1216, 1629), (1280, 1680), (1331, 1740), (1334, 1743), (1371, 1785), (1461, 1872),

Gene: Jalloh_2 Start: 350, Stop: 1807, Start Num: 185
Candidate Starts for Jalloh_2:
(Start: 185 @350 has 14 MA's), (199, 365), (446, 632), (487, 698), (583, 848), (586, 854), (607, 902), (647, 965), (826, 1190), (878, 1238), (971, 1349), (975, 1358), (1078, 1460), (1132, 1517), (1195, 1580), (1263, 1643), (1286, 1661), (1364, 1754), (1371, 1763), (1397, 1796),

Gene: James_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for James_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 217 @629 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (454, 905), (473, 917), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (736, 1388), (740, 1397), (862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781),

(1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1250, 1979), (1265, 2006), (1297, 2039), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: Jamie19_2 Start: 509, Stop: 2044, Start Num: 227
Candidate Starts for Jamie19_2:
(Start: 227 @509 has 25 MA's), (Start: 230 @512 has 31 MA's), (Start: 249 @527 has 1 MA's), (292, 584), (Start: 307 @602 has 198 MA's), (316, 614), (390, 686), (412, 722), (422, 743), (474, 806), (539, 926), (583, 1010), (613, 1076), (659, 1148), (661, 1151), (677, 1163), (747, 1289), (766, 1313), (808, 1376), (878, 1460), (940, 1517), (950, 1532), (987, 1607), (1003, 1625), (1152, 1769), (1187, 1790), (1213, 1823), (1226, 1838), (1278, 1874), (1346, 1952), (1349, 1955), (1353, 1961),

Gene: Jamun_3 Start: 1027, Stop: 2607, Start Num: 238
Candidate Starts for Jamun_3:
(Start: 171 @961 has 16 MA's), (Start: 238 @1027 has 22 MA's), (Start: 309 @1123 has 15 MA's), (314, 1132), (405, 1225), (424, 1264), (431, 1279), (463, 1303), (620, 1576), (625, 1588), (628, 1594), (650, 1636), (665, 1657), (700, 1717), (720, 1747), (731, 1756), (774, 1819), (954, 2035), (961, 2047), (983, 2086), (1003, 2113), (1020, 2128), (1048, 2158), (1096, 2197), (1102, 2206), (1110, 2215), (1133, 2251), (1176, 2305), (1364, 2515), (1397, 2557), (1449, 2596),

Gene: Jamzy_7 Start: 1492, Stop: 3192, Start Num: 167
Candidate Starts for Jamzy_7:
(Start: 167 @1492 has 9 MA's), (Start: 232 @1546 has 1 MA's), (Start: 249 @1567 has 1 MA's), (266, 1594), (338, 1669), (362, 1705), (425, 1783), (487, 1858), (496, 1882), (513, 1912), (543, 1963), (595, 2062), (645, 2152), (701, 2242), (735, 2296), (780, 2371), (848, 2485), (866, 2509), (879, 2524), (954, 2575), (987, 2641), (992, 2647), (1074, 2722), (1149, 2818), (1165, 2851), (1269, 2956), (1370, 3085), (1372, 3088), (1454, 3178), (1456, 3181),

Gene: Jane_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for Jane_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Janeemi_3 Start: 1617, Stop: 3323, Start Num: 124
Candidate Starts for Janeemi_3:
(Start: 124 @1617 has 46 MA's), (486, 1989), (513, 2046), (546, 2094), (595, 2184), (693, 2358), (748, 2448), (851, 2571), (881, 2610), (1165, 2952), (1193, 2988), (1209, 3003), (1226, 3021), (1292, 3138), (1363, 3222), (1372, 3234), (1381, 3246),

Gene: JanetJ_3 Start: 1011, Stop: 2603, Start Num: 206
Candidate Starts for JanetJ_3:
(Start: 206 @1011 has 13 MA's), (Start: 247 @1053 has 171 MA's), (419, 1269), (431, 1293), (444, 1299), (593, 1524), (620, 1590), (650, 1650), (665, 1671), (672, 1680), (764, 1782), (770, 1794), (867, 1917), (948, 2001), (1100, 2202), (1186, 2316), (1449, 2592),

Gene: JangDynasty_30 Start: 13169, Stop: 14683, Start Num: 181
Candidate Starts for JangDynasty_30:
(Start: 181 @13169 has 17 MA's), (Start: 184 @13172 has 14 MA's), (Start: 322 @13352 has 1 MA's), (381, 13445), (424, 13520), (451, 13553), (474, 13580), (487, 13610), (591, 13763), (594, 13769),

(607, 13805), (611, 13814), (675, 13895), (679, 13904), (680, 13907), (744, 13946), (788, 14003), (809, 14039), (810, 14042), (957, 14198), (962, 14207), (1025, 14276), (1042, 14285), (1046, 14291), (1080, 14324), (1112, 14360), (1187, 14447), (1203, 14468), (1277, 14531), (1283, 14534), (1286, 14537), (1299, 14555), (1317, 14576), (1353, 14618), (1386, 14654), (1415, 14666),

Gene: Jankie_2 Start: 463, Stop: 1983, Start Num: 198
Candidate Starts for Jankie_2:
(Start: 198 @463 has 4 MA's), (Start: 295 @589 has 6 MA's), (316, 619), (342, 655), (483, 826), (485, 832), (572, 949), (607, 1033), (618, 1054), (637, 1087), (650, 1111), (702, 1183), (866, 1411), (940, 1483), (957, 1513), (1080, 1642), (1136, 1699), (1150, 1714), (1263, 1801), (1312, 1855), (1413, 1972),

Gene: Jannah_3 Start: 1074, Stop: 2534, Start Num: 250
Candidate Starts for Jannah_3:
(Start: 250 @1074 has 144 MA's), (Start: 254 @1080 has 2 MA's), (358, 1242), (363, 1251), (399, 1311), (444, 1380), (465, 1401), (488, 1452), (619, 1656), (806, 1869), (817, 1884), (842, 1920), (880, 1962), (911, 1995), (926, 2013), (1015, 2133), (1020, 2136), (1039, 2148), (1113, 2223), (1172, 2286), (1187, 2304), (1190, 2307), (1330, 2469), (1337, 2478), (1344, 2487), (1372, 2526),

Gene: Jant_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Jant_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: Janus_7 Start: 2523, Stop: 4169, Start Num: 95
Candidate Starts for Janus_7:
(Start: 95 @2523 has 98 MA's), (354, 2766), (362, 2781), (381, 2793), (485, 2919), (504, 2961), (508, 2967), (515, 2982), (575, 3069), (603, 3141), (620, 3165), (680, 3264), (701, 3300), (722, 3318), (813, 3441), (838, 3477), (992, 3639), (997, 3648), (1064, 3711), (1113, 3765), (1165, 3846), (1193, 3885), (1214, 3906), (1236, 3930), (1370, 4083), (1372, 4086),

Gene: Jarcob_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for Jarcob_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 217 @629 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (454, 905), (473, 917), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (736, 1388), (740, 1397), (862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1149, 1844), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1250, 1979), (1265, 2006), (1297, 2039), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: Jarvi_8 Start: 1637, Stop: 3058, Start Num: 247
Candidate Starts for Jarvi_8:

(Start: 165 @1565 has 76 MA's), (Start: 230 @1625 has 31 MA's), (Start: 247 @1637 has 171 MA's), (Start: 336 @1748 has 12 MA's), (342, 1754), (391, 1832), (402, 1841), (425, 1889), (444, 1907), (487, 1976), (514, 2018), (517, 2024), (532, 2051), (533, 2054), (607, 2171), (611, 2180), (675, 2261), (792, 2375), (820, 2423), (827, 2435), (851, 2465), (870, 2489), (880, 2501), (959, 2579), (962, 2585), (1112, 2729), (1146, 2762), (1187, 2816), (1353, 2993), (1425, 3047),

Gene: Jash_7 Start: 2580, Stop: 4208, Start Num: 113
Candidate Starts for Jash_7:
(Start: 95 @2562 has 98 MA's), (Start: 113 @2580 has 11 MA's), (Start: 330 @2784 has 14 MA's), (407, 2865), (504, 3000), (515, 3021), (548, 3066), (575, 3108), (603, 3180), (620, 3204), (675, 3291), (680, 3303), (722, 3357), (803, 3456), (838, 3516), (992, 3678), (997, 3687), (1088, 3777), (1116, 3810), (1164, 3882), (1165, 3885), (1193, 3924), (1214, 3945), (1219, 3951), (1236, 3969), (1325, 4065), (1372, 4125),

Gene: JasmineDragon_2 Start: 550, Stop: 2277, Start Num: 95
Candidate Starts for JasmineDragon_2:
(60, 490), (Start: 95 @550 has 98 MA's), (Start: 232 @661 has 1 MA's), (471, 925), (477, 934), (504, 985), (513, 1003), (546, 1051), (595, 1144), (1001, 1720), (1146, 1873), (1193, 1948), (1209, 1963), (1292, 2092), (1381, 2200), (1442, 2263),

Gene: Jasper_12 Start: 6843, Stop: 8531, Start Num: 102
Candidate Starts for Jasper_12:
(Start: 102 @6843 has 400 MA's), (Start: 309 @7023 has 15 MA's), (381, 7107), (408, 7143), (513, 7293), (581, 7401), (620, 7491), (631, 7515), (679, 7590), (728, 7659), (774, 7746), (809, 7806), (1009, 8040), (1021, 8052), (1080, 8094), (1100, 8115), (1117, 8142), (1193, 8250), (1279, 8340), (1365, 8445),

Gene: JasperJr_2 Start: 361, Stop: 1929, Start Num: 173
Candidate Starts for JasperJr_2:
(65, 256), (Start: 173 @361 has 36 MA's), (259, 445), (289, 478), (Start: 318 @520 has 1 MA's), (Start: 333 @538 has 4 MA's), (342, 553), (384, 574), (399, 595), (419, 634), (465, 694), (483, 730), (487, 742), (513, 784), (520, 796), (539, 823), (593, 901), (648, 1006), (661, 1021), (675, 1036), (745, 1114), (778, 1165), (919, 1321), (946, 1342), (956, 1360), (959, 1366), (1002, 1432), (1015, 1444), (1071, 1489), (1074, 1492), (1078, 1498), (1107, 1519), (1112, 1528), (1113, 1531), (1174, 1600), (1278, 1702), (1317, 1744), (1326, 1759), (1358, 1795), (1449, 1891), (1459, 1903), (1463, 1912),

Gene: Jayhawk_8 Start: 1587, Stop: 3008, Start Num: 247
Candidate Starts for Jayhawk_8:
(Start: 165 @1515 has 76 MA's), (Start: 230 @1575 has 31 MA's), (Start: 247 @1587 has 171 MA's), (Start: 336 @1698 has 12 MA's), (342, 1704), (391, 1782), (402, 1791), (425, 1839), (444, 1857), (487, 1926), (514, 1968), (517, 1974), (532, 2001), (533, 2004), (607, 2121), (611, 2130), (675, 2211), (792, 2325), (820, 2373), (827, 2385), (851, 2415), (870, 2439), (880, 2451), (893, 2466), (959, 2529), (962, 2535), (1112, 2679), (1146, 2712), (1187, 2766), (1353, 2943), (1425, 2997),

Gene: Jaykayelowell_11 Start: 6883, Stop: 8580, Start Num: 102
Candidate Starts for Jaykayelowell_11:
(Start: 102 @6883 has 400 MA's), (Start: 124 @6907 has 46 MA's), (Start: 251 @7030 has 3 MA's), (350, 7120), (381, 7153), (467, 7252), (512, 7336), (513, 7339), (538, 7378), (581, 7447), (593, 7471), (620, 7537), (675, 7627), (774, 7792), (825, 7879), (848, 7912), (923, 7978), (981, 8050), (983, 8053), (999, 8077), (1064, 8128), (1080, 8143), (1113, 8182), (1129, 8203), (1193, 8299), (1405, 8536), (1435, 8566), (1438, 8569),

Gene: Jaylociraptor_8 Start: 3146, Stop: 4891, Start Num: 307

Candidate Starts for Jaylociraptor_8:
(Start: 307 @3146 has 198 MA's), (342, 3200), (345, 3203), (363, 3239), (367, 3245), (488, 3479), (535, 3578), (556, 3620), (572, 3641), (589, 3683), (594, 3695), (637, 3794), (644, 3812), (666, 3848), (791, 4073), (805, 4097), (808, 4103), (892, 4226), (950, 4295), (1050, 4412), (1052, 4418), (1071, 4439), (1120, 4508), (1123, 4511), (1156, 4562), (1223, 4649), (1273, 4715), (1290, 4739), (1299, 4751), (1315, 4769), (1370, 4841), (1372, 4844),

Gene: Jazzy4900_9 Start: 3738, Stop: 5486, Start Num: 307
Candidate Starts for Jazzy4900_9:
(Start: 295 @3720 has 6 MA's), (Start: 307 @3738 has 198 MA's), (345, 3795), (367, 3837), (516, 4134), (535, 4170), (556, 4212), (572, 4233), (599, 4302), (608, 4326), (644, 4404), (646, 4410), (709, 4518), (750, 4590), (771, 4626), (791, 4665), (805, 4689), (872, 4794), (892, 4818), (956, 4902), (981, 4950), (1053, 5016), (1058, 5022), (1076, 5040), (1120, 5103), (1123, 5106), (1149, 5142), (1244, 5277), (1249, 5286), (1252, 5295), (1273, 5310), (1290, 5334), (1299, 5346), (1336, 5394), (1370, 5436), (1372, 5439),

Gene: JeNeSaisPas_15 Start: 8116, Stop: 9900, Start Num: 307
Candidate Starts for JeNeSaisPas_15:
(Start: 303 @8110 has 2 MA's), (Start: 307 @8116 has 198 MA's), (367, 8215), (460, 8389), (493, 8464), (516, 8512), (556, 8590), (570, 8608), (572, 8611), (599, 8680), (644, 8782), (675, 8827), (680, 8839), (709, 8896), (750, 8968), (805, 9067), (837, 9124), (847, 9139), (892, 9196), (950, 9265), (956, 9277), (1009, 9370), (1053, 9430), (1071, 9448), (1076, 9454), (1120, 9517), (1123, 9520), (1150, 9559), (1244, 9691), (1273, 9724), (1290, 9748), (1299, 9760), (1315, 9778), (1370, 9850), (1372, 9853),

Gene: JeanClaude_2 Start: 371, Stop: 1759, Start Num: 297
Candidate Starts for JeanClaude_2:
(109, 170), (112, 173), (120, 185), (Start: 179 @257 has 1 MA's), (Start: 235 @311 has 7 MA's), (Start: 297 @371 has 6 MA's), (310, 392), (Start: 322 @413 has 1 MA's), (347, 446), (365, 482), (Start: 397 @527 has 4 MA's), (399, 530), (418, 566), (425, 581), (451, 611), (474, 638), (517, 716), (611, 872), (613, 875), (690, 980), (813, 1106), (820, 1115), (956, 1256), (959, 1262), (962, 1268), (1005, 1328), (1010, 1334), (1077, 1373), (1099, 1400), (1107, 1409), (1178, 1487), (1195, 1505), (1245, 1562), (1358, 1682), (1376, 1703), (1425, 1748),

Gene: Jeanie_2 Start: 520, Stop: 1905, Start Num: 252
Candidate Starts for Jeanie_2:
(Start: 252 @520 has 5 MA's), (Start: 301 @586 has 2 MA's), (Start: 318 @613 has 1 MA's), (424, 736), (425, 739), (444, 757), (484, 820), (487, 829), (488, 832), (538, 901), (563, 934), (577, 958), (586, 985), (607, 1033), (677, 1132), (714, 1165), (725, 1177), (745, 1189), (860, 1345), (880, 1360), (924, 1408), (963, 1453), (968, 1462), (979, 1486), (1021, 1525), (1344, 1825), (1397, 1891),

Gene: Jebeks_2 Start: 413, Stop: 2089, Start Num: 138
Candidate Starts for Jebeks_2:
(Start: 138 @413 has 120 MA's), (Start: 318 @629 has 1 MA's), (349, 668), (380, 725), (384, 731), (396, 749), (421, 794), (422, 797), (426, 806), (431, 815), (444, 821), (445, 824), (483, 878), (490, 899), (495, 911), (558, 1001), (659, 1190), (745, 1286), (766, 1316), (778, 1337), (902, 1478), (919, 1490), (1107, 1688), (1112, 1697), (1139, 1724), (1172, 1766), (1187, 1784), (1278, 1868), (1290, 1883), (1463, 2072),

Gene: Jeckyll_8 Start: 1637, Stop: 3058, Start Num: 247
Candidate Starts for Jeckyll_8:
(Start: 165 @1565 has 76 MA's), (Start: 230 @1625 has 31 MA's), (Start: 247 @1637 has 171 MA's), (Start: 336 @1748 has 12 MA's), (342, 1754), (391, 1832), (402, 1841), (425, 1889), (444, 1907), (487,

1976), (514, 2018), (517, 2024), (532, 2051), (533, 2054), (607, 2171), (611, 2180), (675, 2261), (792, 2375), (820, 2423), (827, 2435), (851, 2465), (870, 2489), (880, 2501), (959, 2579), (962, 2585), (1112, 2729), (1146, 2762), (1187, 2816), (1353, 2993), (1425, 3047),

Gene: Jecs_2 Start: 520, Stop: 2169, Start Num: 137
Candidate Starts for Jecs_2:
(Start: 137 @520 has 4 MA's), (Start: 170 @550 has 103 MA's), (Start: 318 @721 has 1 MA's), (487, 931), (490, 940), (501, 961), (558, 1054), (620, 1189), (723, 1324), (734, 1339), (808, 1432), (840, 1465), (912, 1546), (939, 1564), (943, 1567), (954, 1585), (959, 1594), (1055, 1711), (1063, 1720), (1172, 1831), (1187, 1849), (1263, 1921), (1297, 1957), (1349, 2011), (1451, 2122),

Gene: Jeeves_11 Start: 6561, Stop: 8318, Start Num: 103
Candidate Starts for Jeeves_11:
(Start: 103 @6561 has 236 MA's), (222, 6669), (241, 6693), (281, 6759), (282, 6768), (298, 6792), (Start: 330 @6843 has 14 MA's), (408, 6927), (512, 7074), (513, 7077), (581, 7188), (593, 7212), (620, 7278), (631, 7302), (675, 7368), (722, 7434), (778, 7542), (823, 7617), (920, 7719), (983, 7794), (992, 7806), (999, 7818), (1001, 7821), (1080, 7881), (1113, 7920), (1129, 7941), (1193, 8037), (1405, 8274), (1433, 8301),

Gene: Jeffabunny_15 Start: 7536, Stop: 9290, Start Num: 103
Candidate Starts for Jeffabunny_15:
(Start: 103 @7536 has 236 MA's), (298, 7767), (Start: 330 @7818 has 14 MA's), (362, 7854), (424, 7929), (513, 8052), (538, 8091), (581, 8160), (593, 8184), (594, 8187), (620, 8250), (631, 8274), (693, 8373), (696, 8376), (718, 8403), (722, 8406), (923, 8691), (992, 8778), (999, 8790), (1080, 8853), (1113, 8892), (1129, 8913), (1182, 8997), (1193, 9009), (1405, 9246), (1433, 9273), (1435, 9276),

Gene: Jeilious_2 Start: 454, Stop: 1890, Start Num: 262
Candidate Starts for Jeilious_2:
(Start: 161 @358 has 29 MA's), (Start: 262 @454 has 67 MA's), (Start: 273 @457 has 4 MA's), (Start: 299 @493 has 5 MA's), (Start: 322 @532 has 1 MA's), (425, 694), (487, 781), (490, 790), (499, 808), (505, 820), (594, 940), (607, 976), (618, 997), (636, 1018), (675, 1066), (679, 1075), (820, 1228), (865, 1288), (882, 1306), (949, 1357), (962, 1384), (972, 1399), (973, 1402), (1074, 1483), (1109, 1528), (1172, 1603), (1187, 1621), (1205, 1642), (1259, 1687), (1277, 1705), (1280, 1708), (1353, 1801), (1428, 1882),

Gene: Jella_3 Start: 1098, Stop: 2558, Start Num: 250
Candidate Starts for Jella_3:
(Start: 250 @1098 has 144 MA's), (Start: 254 @1104 has 2 MA's), (358, 1266), (363, 1275), (399, 1335), (444, 1404), (465, 1425), (488, 1476), (619, 1680), (806, 1893), (817, 1908), (842, 1944), (880, 1986), (911, 2019), (926, 2037), (1015, 2157), (1020, 2160), (1039, 2172), (1113, 2247), (1172, 2310), (1187, 2328), (1190, 2331), (1330, 2493), (1337, 2502), (1344, 2511), (1372, 2550),

Gene: JenCasNa_13 Start: 6955, Stop: 8655, Start Num: 105
Candidate Starts for JenCasNa_13:
(Start: 105 @6955 has 85 MA's), (Start: 145 @7003 has 1 MA's), (302, 7138), (467, 7330), (513, 7417), (537, 7453), (620, 7615), (675, 7705), (718, 7768), (809, 7930), (983, 8128), (999, 8152), (1001, 8155), (1080, 8218), (1100, 8239), (1129, 8278), (1193, 8374), (1241, 8428), (1279, 8464), (1405, 8611), (1435, 8641), (1438, 8644),

Gene: Jennelsea_2 Start: 629, Stop: 2209, Start Num: 217
Candidate Starts for Jennelsea_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 217 @629 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1

MA's), (353, 758), (412, 845), (454, 905), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (736, 1388), (740, 1397), (862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1250, 1979), (1265, 2006), (1297, 2039), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: JeppNRM_14 Start: 7027, Stop: 8727, Start Num: 105
Candidate Starts for JeppNRM_14:
(Start: 105 @7027 has 85 MA's), (Start: 145 @7075 has 1 MA's), (Start: 232 @7147 has 1 MA's), (302, 7210), (363, 7294), (513, 7489), (620, 7687), (675, 7777), (718, 7840), (735, 7879), (809, 8002), (983, 8200), (999, 8224), (1001, 8227), (1080, 8290), (1088, 8302), (1100, 8311), (1129, 8350), (1193, 8446), (1241, 8500), (1279, 8536), (1405, 8683), (1435, 8713), (1438, 8716),

Gene: Jeremy4pt0_8 Start: 3618, Stop: 5366, Start Num: 307
Candidate Starts for Jeremy4pt0_8:
(Start: 295 @3600 has 6 MA's), (Start: 307 @3618 has 198 MA's), (363, 3711), (367, 3717), (401, 3774), (433, 3837), (516, 4014), (556, 4092), (572, 4113), (611, 4215), (644, 4284), (750, 4470), (791, 4545), (805, 4569), (872, 4674), (892, 4698), (956, 4782), (1053, 4896), (1071, 4914), (1120, 4983), (1123, 4986), (1156, 5037), (1190, 5079), (1249, 5166), (1274, 5193), (1290, 5214), (1299, 5226), (1315, 5244), (1372, 5319),

Gene: Jerky_3 Start: 1155, Stop: 2615, Start Num: 250
Candidate Starts for Jerky_3:
(Start: 250 @1155 has 144 MA's), (Start: 254 @1161 has 2 MA's), (358, 1323), (363, 1332), (399, 1392), (444, 1461), (465, 1482), (488, 1533), (619, 1737), (755, 1872), (806, 1950), (817, 1965), (842, 2001), (880, 2043), (911, 2076), (926, 2094), (1015, 2214), (1020, 2217), (1039, 2229), (1113, 2304), (1172, 2367), (1187, 2385), (1190, 2388), (1330, 2550), (1337, 2559), (1344, 2568),

Gene: Jerm_14 Start: 7848, Stop: 9635, Start Num: 103
Candidate Starts for Jerm_14:
(Start: 103 @7848 has 236 MA's), (Start: 217 @7956 has 1 MA's), (234, 7977), (278, 8043), (280, 8049), (298, 8085), (314, 8109), (362, 8172), (512, 8367), (513, 8370), (581, 8478), (620, 8568), (631, 8592), (679, 8667), (704, 8709), (722, 8724), (916, 9024), (1088, 9210), (1113, 9237), (1129, 9258), (1193, 9354), (1405, 9591), (1435, 9621),

Gene: Jerm2_12 Start: 7221, Stop: 8909, Start Num: 110
Candidate Starts for Jerm2_12:
(Start: 110 @7221 has 24 MA's), (302, 7392), (Start: 309 @7401 has 15 MA's), (381, 7485), (Start: 403 @7512 has 1 MA's), (408, 7521), (513, 7671), (535, 7704), (581, 7779), (620, 7869), (631, 7893), (647, 7920), (679, 7968), (774, 8124), (809, 8184), (1001, 8409), (1009, 8418), (1021, 8430), (1080, 8472), (1100, 8493), (1117, 8520), (1193, 8628), (1279, 8718), (1365, 8823),

Gene: Jerole_4 Start: 1013, Stop: 2494, Start Num: 309
Candidate Starts for Jerole_4:
(Start: 171 @848 has 16 MA's), (Start: 309 @1013 has 15 MA's), (334, 1052), (Start: 397 @1103 has 4 MA's), (405, 1115), (422, 1151), (431, 1169), (569, 1352), (620, 1466), (625, 1478), (650, 1526), (665, 1547), (677, 1562), (713, 1619), (961, 1934), (1003, 2000), (1015, 2012), (1048, 2045), (1096, 2084), (1102, 2093), (1105, 2096), (1151, 2162), (1176, 2192), (1212, 2237), (1257, 2279), (1283, 2306), (1286, 2309), (1364, 2402), (1369, 2408), (1385, 2429), (1394, 2441), (1447, 2480), (1449, 2483),

Gene: Jessica_5 Start: 800, Stop: 2290, Start Num: 202
Candidate Starts for Jessica_5:

(Start: 202 @800 has 39 MA's), (245, 845), (Start: 318 @947 has 1 MA's), (Start: 333 @965 has 4 MA's), (Start: 336 @974 has 12 MA's), (Start: 397 @1025 has 4 MA's), (399, 1028), (405, 1037), (419, 1067), (434, 1094), (506, 1193), (577, 1292), (585, 1316), (586, 1319), (588, 1322), (607, 1367), (789, 1601), (820, 1649), (827, 1661), (864, 1700), (886, 1718), (902, 1730), (904, 1733), (922, 1754), (937, 1760), (946, 1772), (987, 1850), (1047, 1904), (1112, 1958), (1121, 1970), (1156, 2015), (1206, 2063), (1299, 2147), (1349, 2204), (1406, 2273),

Gene: Jester_8 Start: 3156, Stop: 4838, Start Num: 107
Candidate Starts for Jester_8:
(Start: 107 @3156 has 35 MA's), (Start: 309 @3342 has 15 MA's), (362, 3414), (381, 3426), (402, 3450), (408, 3462), (523, 3630), (567, 3690), (620, 3798), (770, 4053), (812, 4125), (956, 4269), (983, 4311), (1006, 4344), (1088, 4413), (1193, 4557), (1236, 4602), (1292, 4662), (1405, 4794), (1433, 4821), (1435, 4824), (1438, 4827),

Gene: JetBlade_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for JetBlade_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Jevington_8 Start: 2746, Stop: 4392, Start Num: 95
Candidate Starts for Jevington_8:
(Start: 95 @2746 has 98 MA's), (Start: 251 @2896 has 3 MA's), (381, 3016), (402, 3040), (407, 3049), (485, 3142), (487, 3148), (490, 3157), (504, 3184), (515, 3205), (575, 3292), (603, 3364), (620, 3388), (680, 3487), (701, 3523), (722, 3541), (768, 3628), (813, 3664), (838, 3700), (983, 3850), (997, 3871), (1088, 3961), (1113, 3988), (1165, 4069), (1193, 4108), (1214, 4129), (1236, 4153), (1292, 4213), (1372, 4309),

Gene: JewelBug_15 Start: 7534, Stop: 9288, Start Num: 103
Candidate Starts for JewelBug_15:
(Start: 103 @7534 has 236 MA's), (298, 7765), (Start: 330 @7816 has 14 MA's), (362, 7852), (424, 7927), (513, 8050), (538, 8089), (581, 8158), (593, 8182), (594, 8185), (620, 8248), (631, 8272), (693, 8371), (696, 8374), (718, 8401), (722, 8404), (923, 8689), (992, 8776), (999, 8788), (1080, 8851), (1113, 8890), (1129, 8911), (1182, 8995), (1193, 9007), (1405, 9244), (1433, 9271), (1435, 9274),

Gene: Jflix2_8 Start: 5554, Stop: 7107, Start Num: 223
Candidate Starts for Jflix2_8:
(Start: 218 @5548 has 8 MA's), (Start: 223 @5554 has 1 MA's), (Start: 403 @5788 has 1 MA's), (524, 5965), (542, 6001), (544, 6004), (599, 6115), (606, 6133), (613, 6148), (634, 6175), (808, 6427), (822, 6448), (868, 6499), (1023, 6691), (1191, 6874), (1278, 6937), (1290, 6952), (1314, 6976), (1382, 7054),

Gene: Jhitchelle_5 Start: 2144, Stop: 3790, Start Num: 95
Candidate Starts for Jhitchelle_5:
(Start: 89 @2135 has 1 MA's), (Start: 95 @2144 has 98 MA's), (Start: 98 @2147 has 2 MA's), (Start: 113 @2162 has 11 MA's), (Start: 165 @2216 has 76 MA's), (Start: 330 @2366 has 14 MA's), (362, 2402), (381, 2414), (407, 2447), (469, 2519), (485, 2540), (490, 2555), (504, 2582), (509, 2591), (515, 2603), (575, 2690), (594, 2738), (595, 2741), (603, 2762), (620, 2786), (680, 2885), (803, 3038), (838, 3098), (983, 3248), (997, 3269), (1113, 3386), (1193, 3506), (1219, 3533), (1236, 3551), (1281, 3599), (1372, 3707),

Gene: Jiawan_12 Start: 8277, Stop: 9932, Start Num: 241
Candidate Starts for Jiawan_12:
(Start: 103 @8145 has 236 MA's), (Start: 117 @8160 has 10 MA's), (Start: 121 @8166 has 5 MA's), (241, 8277), (298, 8376), (424, 8538), (487, 8610), (513, 8664), (538, 8703), (581, 8775), (620, 8865), (631, 8889), (704, 9006), (722, 9021), (778, 9129), (823, 9204), (848, 9240), (898, 9300), (992, 9420), (1006, 9441), (1064, 9480), (1113, 9534), (1115, 9537), (1129, 9555), (1163, 9609), (1182, 9639), (1193, 9651), (1279, 9741), (1295, 9759), (1405, 9888), (1433, 9915), (1435, 9918),

Gene: Jifall16_23 Start: 12784, Stop: 14511, Start Num: 153
Candidate Starts for Jifall16_23:
(30, 12550), (Start: 72 @12679 has 7 MA's), (Start: 153 @12784 has 15 MA's), (Start: 317 @12934 has 15 MA's), (351, 12985), (353, 12991), (379, 13030), (Start: 403 @13060 has 1 MA's), (414, 13084), (424, 13102), (437, 13129), (464, 13192), (473, 13210), (621, 13495), (635, 13522), (691, 13606), (740, 13690), (748, 13702), (768, 13735), (824, 13813), (883, 13891), (983, 13963), (1007, 13996), (1054, 14059), (1080, 14086), (1104, 14110), (1117, 14134), (1196, 14233), (1237, 14281), (1365, 14419), (1387, 14449), (1445, 14503),

Gene: Jinglebell_2 Start: 581, Stop: 2218, Start Num: 155
Candidate Starts for Jinglebell_2:
(Start: 146 @578 has 2 MA's), (Start: 155 @581 has 202 MA's), (Start: 176 @605 has 3 MA's), (Start: 217 @638 has 1 MA's), (Start: 247 @662 has 171 MA's), (Start: 250 @665 has 144 MA's), (Start: 318 @728 has 1 MA's), (353, 767), (412, 854), (414, 860), (454, 914), (484, 938), (487, 947), (488, 950), (496, 971), (508, 992), (548, 1064), (575, 1103), (602, 1172), (604, 1178), (621, 1208), (622, 1211), (627, 1220), (635, 1235), (647, 1253), (680, 1304), (736, 1397), (740, 1406), (862, 1577), (874, 1589), (983, 1673), (1005, 1703), (1007, 1706), (1010, 1709), (1080, 1766), (1097, 1781), (1101, 1787), (1104, 1790), (1113, 1805), (1117, 1814), (1164, 1883), (1190, 1913), (1196, 1922), (1225, 1955), (1250, 1988), (1265, 2015), (1297, 2048), (1315, 2069), (1320, 2075), (1325, 2078), (1349, 2099), (1365, 2123), (1372, 2132), (1374, 2135), (1429, 2192),

Gene: JoBros_3 Start: 1074, Stop: 2534, Start Num: 250
Candidate Starts for JoBros_3:
(Start: 250 @1074 has 144 MA's), (Start: 254 @1080 has 2 MA's), (358, 1242), (363, 1251), (399, 1311), (444, 1380), (465, 1401), (488, 1452), (619, 1656), (806, 1869), (817, 1884), (842, 1920), (880, 1962), (911, 1995), (926, 2013), (1015, 2133), (1020, 2136), (1039, 2148), (1113, 2223), (1172, 2286), (1187, 2304), (1190, 2307), (1330, 2469), (1337, 2478), (1344, 2487), (1372, 2526),

Gene: Joann_5 Start: 3072, Stop: 4637, Start Num: 165
Candidate Starts for Joann_5:
(Start: 165 @3072 has 76 MA's), (Start: 309 @3246 has 15 MA's), (Start: 333 @3282 has 4 MA's), (Start: 397 @3336 has 4 MA's), (Start: 403 @3345 has 1 MA's), (419, 3378), (431, 3402), (463, 3426), (518, 3528), (584, 3642), (593, 3657), (595, 3663), (620, 3723), (650, 3783), (770, 3882), (790, 3912), (803, 3927), (827, 3975), (941, 4095), (983, 4170), (1009, 4203), (1046, 4239), (1117, 4314), (1133, 4335), (1176, 4356), (1232, 4425), (1328, 4503), (1361, 4542), (1393, 4572), (1404, 4584), (1451, 4623), (1458, 4632),

Gene: Jobu08_13 Start: 7026, Stop: 8726, Start Num: 105
Candidate Starts for Jobu08_13:
(Start: 105 @7026 has 85 MA's), (Start: 145 @7074 has 1 MA's), (302, 7209), (467, 7401), (513, 7488), (620, 7686), (675, 7776), (718, 7839), (809, 8001), (983, 8199), (999, 8223), (1001, 8226), (1080, 8289), (1100, 8310), (1129, 8349), (1193, 8445), (1241, 8499), (1279, 8535), (1405, 8682), (1435, 8712), (1438, 8715),

Gene: Jobypre_5 Start: 1190, Stop: 2755, Start Num: 138

Candidate Starts for Jobypre_5:
(97, 1139), (Start: 105 @1148 has 85 MA's), (Start: 138 @1190 has 120 MA's), (Start: 142 @1196 has 6 MA's), (293, 1367), (Start: 317 @1397 has 15 MA's), (396, 1472), (402, 1478), (405, 1484), (506, 1640), (512, 1649), (513, 1652), (515, 1655), (566, 1730), (591, 1784), (593, 1787), (594, 1790), (766, 2021), (813, 2096), (827, 2117), (832, 2123), (900, 2192), (942, 2216), (954, 2234), (962, 2249), (1060, 2363), (1113, 2402), (1116, 2408), (1172, 2474), (1216, 2528), (1263, 2564), (1278, 2576), (1329, 2615), (1400, 2702), (1448, 2747), (1450, 2750),

Gene: Jodelie19_17 Start: 10505, Stop: 12250, Start Num: 307
Candidate Starts for Jodelie19_17:
(Start: 307 @10505 has 198 MA's), (310, 10511), (363, 10598), (367, 10604), (387, 10640), (417, 10694), (469, 10796), (502, 10871), (523, 10913), (556, 10979), (572, 11000), (599, 11069), (644, 11171), (680, 11228), (709, 11285), (722, 11297), (750, 11357), (805, 11456), (808, 11462), (841, 11519), (892, 11585), (1050, 11771), (1053, 11780), (1111, 11846), (1120, 11867), (1123, 11870), (1249, 12050), (1288, 12095), (1290, 12098), (1299, 12110), (1370, 12200), (1372, 12203),

Gene: JoeDirt_4 Start: 1059, Stop: 2636, Start Num: 142
Candidate Starts for JoeDirt_4:
(Start: 138 @1053 has 120 MA's), (Start: 142 @1059 has 6 MA's), (293, 1230), (361, 1317), (396, 1335), (402, 1341), (419, 1377), (513, 1515), (515, 1518), (566, 1593), (591, 1647), (593, 1650), (594, 1653), (710, 1821), (762, 1875), (766, 1884), (776, 1899), (791, 1920), (813, 1959), (827, 1980), (832, 1986), (855, 2013), (900, 2055), (942, 2079), (954, 2097), (959, 2106), (962, 2112), (977, 2145), (1009, 2178), (1050, 2217), (1057, 2223), (1060, 2226), (1116, 2271), (1172, 2337), (1213, 2388), (1226, 2403), (1234, 2412), (1263, 2427), (1266, 2430), (1373, 2532), (1394, 2559), (1448, 2610), (1450, 2613),

Gene: Joemato_2 Start: 533, Stop: 2239, Start Num: 124
Candidate Starts for Joemato_2:
(Start: 124 @533 has 46 MA's), (486, 905), (513, 962), (546, 1010), (595, 1100), (623, 1154), (693, 1274), (748, 1364), (881, 1526), (983, 1649), (1193, 1904), (1209, 1919), (1250, 1973), (1292, 2054), (1363, 2138), (1381, 2162),

Gene: JoeyJr_2 Start: 571, Stop: 2208, Start Num: 155
Candidate Starts for JoeyJr_2:
(Start: 155 @571 has 202 MA's), (163, 580), (Start: 176 @595 has 3 MA's), (Start: 247 @652 has 171 MA's), (Start: 250 @655 has 144 MA's), (Start: 318 @718 has 1 MA's), (353, 757), (412, 844), (454, 904), (473, 916), (484, 928), (487, 937), (488, 940), (496, 961), (508, 982), (548, 1054), (575, 1093), (602, 1162), (604, 1168), (621, 1198), (622, 1201), (627, 1210), (635, 1225), (647, 1243), (680, 1294), (736, 1387), (740, 1396), (862, 1567), (874, 1579), (983, 1663), (1005, 1693), (1007, 1696), (1010, 1699), (1080, 1756), (1097, 1771), (1101, 1777), (1104, 1780), (1113, 1795), (1117, 1804), (1164, 1873), (1190, 1903), (1196, 1912), (1225, 1945), (1250, 1978), (1265, 2005), (1297, 2038), (1325, 2068), (1349, 2089), (1365, 2113), (1372, 2122), (1374, 2125), (1429, 2182),

Gene: JohnDoe_2 Start: 533, Stop: 2239, Start Num: 124
Candidate Starts for JohnDoe_2:
(Start: 124 @533 has 46 MA's), (486, 905), (513, 962), (546, 1010), (595, 1100), (623, 1154), (693, 1274), (748, 1364), (881, 1526), (983, 1649), (1193, 1904), (1209, 1919), (1292, 2054), (1363, 2138), (1381, 2162),

Gene: JohnThicc_2 Start: 553, Stop: 2268, Start Num: 95
Candidate Starts for JohnThicc_2:
(Start: 95 @553 has 98 MA's), (Start: 232 @652 has 1 MA's), (477, 925), (504, 976), (513, 994), (546, 1042), (552, 1054), (595, 1135), (693, 1309), (746, 1396), (851, 1522), (1001, 1711), (1088, 1795),

(1193, 1939), (1209, 1954), (1292, 2083), (1381, 2191), (1442, 2254),

Gene: Johnathan_3 Start: 689, Stop: 2317, Start Num: 225
Candidate Starts for Johnathan_3:
(Start: 225 @689 has 84 MA's), (339, 845), (431, 953), (474, 998), (483, 1016), (490, 1037), (503, 1061), (569, 1136), (594, 1187), (595, 1190), (620, 1250), (628, 1268), (643, 1298), (662, 1328), (1003, 1784), (1020, 1799), (1248, 2054), (1328, 2150), (1369, 2198), (1464, 2306),

Gene: JoieB_36 Start: 11144, Stop: 12886, Start Num: 170
Candidate Starts for JoieB_36:
(Start: 170 @11144 has 103 MA's), (302, 11261), (Start: 330 @11306 has 14 MA's), (369, 11372), (374, 11387), (402, 11420), (Start: 403 @11423 has 1 MA's), (411, 11438), (425, 11462), (426, 11465), (467, 11495), (479, 11516), (485, 11534), (488, 11543), (505, 11579), (513, 11594), (543, 11639), (575, 11681), (590, 11720), (595, 11732), (603, 11753), (632, 11804), (647, 11825), (798, 12047), (866, 12152), (874, 12161), (930, 12194), (954, 12215), (956, 12218), (969, 12245), (983, 12275), (992, 12287), (1001, 12302), (1009, 12311), (1015, 12317), (1062, 12359), (1074, 12368), (1084, 12383), (1100, 12398), (1146, 12458), (1163, 12497), (1185, 12530), (1214, 12560), (1217, 12563), (1265, 12647), (1292, 12701), (1304, 12716), (1332, 12743), (1372, 12797), (1451, 12869), (1453, 12872),

Gene: Jojo24_2 Start: 521, Stop: 2098, Start Num: 206
Candidate Starts for Jojo24_2:
(Start: 206 @521 has 13 MA's), (347, 704), (402, 743), (405, 749), (419, 779), (490, 887), (532, 956), (569, 986), (630, 1121), (645, 1151), (648, 1157), (650, 1160), (852, 1427), (865, 1442), (867, 1445), (877, 1457), (938, 1517), (964, 1562), (973, 1580), (979, 1589), (997, 1619), (1105, 1712), (1117, 1733), (1124, 1742), (1170, 1802), (1190, 1826), (1290, 1922), (1369, 2015), (1385, 2033), (1449, 2087),

Gene: Jolene_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for Jolene_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Jolie2_2 Start: 376, Stop: 1950, Start Num: 161
Candidate Starts for Jolie2_2:
(Start: 161 @376 has 29 MA's), (310, 544), (463, 763), (487, 814), (490, 823), (505, 853), (520, 865), (568, 916), (594, 973), (607, 1009), (618, 1030), (637, 1054), (675, 1099), (679, 1108), (820, 1261), (882, 1339), (923, 1384), (962, 1435), (1074, 1534), (1080, 1543), (1142, 1615), (1150, 1627), (1157, 1642), (1160, 1648), (1172, 1654), (1184, 1669), (1187, 1672), (1205, 1693), (1259, 1750), (1263, 1756), (1277, 1768), (1280, 1771), (1348, 1858), (1425, 1939), (1431, 1945),

Gene: Jonghyun_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for Jonghyun_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: JooneeDee_3 Start: 1104, Stop: 2564, Start Num: 250
Candidate Starts for JooneeDee_3:
(Start: 250 @1104 has 144 MA's), (Start: 254 @1110 has 2 MA's), (358, 1272), (363, 1281), (399, 1341), (444, 1410), (465, 1431), (488, 1482), (619, 1686), (755, 1821), (806, 1899), (817, 1914), (829, 1932), (842, 1950), (880, 1992), (911, 2025), (926, 2043), (1015, 2163), (1020, 2166), (1039, 2178), (1047, 2190), (1060, 2202), (1113, 2253), (1160, 2310), (1172, 2316), (1178, 2325), (1187, 2334), (1190, 2337), (1330, 2499), (1337, 2508), (1344, 2517), (1372, 2556),

Gene: JoongJeon_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for JoongJeon_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: JorRay_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for JorRay_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Jordennis_15 Start: 7523, Stop: 9277, Start Num: 103
Candidate Starts for Jordennis_15:
(Start: 103 @7523 has 236 MA's), (298, 7754), (Start: 330 @7805 has 14 MA's), (362, 7841), (424, 7916), (513, 8039), (538, 8078), (581, 8147), (593, 8171), (594, 8174), (620, 8237), (631, 8261), (718, 8390), (722, 8393), (780, 8504), (914, 8666), (983, 8753), (992, 8765), (999, 8777), (1064, 8825), (1080, 8840), (1113, 8879), (1129, 8900), (1182, 8984), (1193, 8996), (1405, 9233), (1433, 9260), (1435, 9263),

Gene: Jorgensen_11 Start: 6804, Stop: 8492, Start Num: 102
Candidate Starts for Jorgensen_11:
(Start: 102 @6804 has 400 MA's), (Start: 309 @6984 has 15 MA's), (381, 7068), (408, 7104), (513, 7254), (581, 7362), (620, 7452), (631, 7476), (647, 7503), (679, 7551), (774, 7707), (809, 7767), (1009, 8001), (1021, 8013), (1080, 8055), (1100, 8076), (1117, 8103), (1193, 8211), (1279, 8301), (1365, 8406),

Gene: Joselito_12 Start: 8024, Stop: 9787, Start Num: 103
Candidate Starts for Joselito_12:
(Start: 103 @8024 has 236 MA's), (Start: 121 @8045 has 5 MA's), (Start: 217 @8132 has 1 MA's), (298, 8261), (314, 8285), (362, 8348), (487, 8492), (512, 8543), (513, 8546), (581, 8657), (593, 8681), (594, 8684), (620, 8747), (623, 8756), (631, 8771), (704, 8888), (722, 8903), (751, 8963), (803, 9047), (992, 9275), (999, 9287), (1064, 9335), (1080, 9350), (1113, 9389), (1129, 9410), (1155, 9449), (1182, 9494), (1193, 9506), (1405, 9743), (1433, 9770),

Gene: JoshKayV_14 Start: 7836, Stop: 9626, Start Num: 103
Candidate Starts for JoshKayV_14:
(Start: 103 @7836 has 236 MA's), (Start: 217 @7944 has 1 MA's), (234, 7965), (298, 8073), (362, 8160), (513, 8361), (581, 8469), (620, 8559), (631, 8583), (704, 8700), (722, 8715), (916, 9015), (1088,

9201), (1113, 9228), (1129, 9249), (1193, 9345), (1405, 9582), (1435, 9612),

Gene: Josuke_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for Josuke_3:
(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (806, 1881), (817, 1896), (842, 1932), (880, 1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298), (1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: Journey_2 Start: 504, Stop: 2036, Start Num: 230
Candidate Starts for Journey_2:
(Start: 227 @501 has 25 MA's), (Start: 230 @504 has 31 MA's), (246, 516), (Start: 249 @519 has 1 MA's), (292, 576), (Start: 307 @594 has 198 MA's), (316, 606), (390, 678), (Start: 403 @696 has 1 MA's), (412, 714), (422, 735), (474, 798), (490, 837), (507, 870), (539, 918), (583, 1002), (593, 1017), (613, 1068), (618, 1077), (637, 1101), (659, 1140), (661, 1143), (677, 1155), (747, 1281), (766, 1305), (808, 1368), (878, 1452), (950, 1524), (962, 1548), (981, 1590), (987, 1599), (1043, 1656), (1080, 1695), (1136, 1752), (1146, 1758), (1152, 1761), (1187, 1782), (1226, 1830), (1278, 1866), (1349, 1947), (1353, 1953),

Gene: Journey13_10 Start: 6587, Stop: 8341, Start Num: 103
Candidate Starts for Journey13_10:
(Start: 103 @6587 has 236 MA's), (Start: 251 @6731 has 3 MA's), (298, 6818), (362, 6905), (512, 7100), (513, 7103), (538, 7142), (581, 7211), (620, 7301), (631, 7325), (693, 7424), (696, 7427), (718, 7454), (722, 7457), (920, 7742), (983, 7817), (992, 7829), (999, 7841), (1064, 7889), (1080, 7904), (1129, 7964), (1182, 8048), (1193, 8060), (1405, 8297), (1433, 8324), (1435, 8327), (1438, 8330),

Gene: Jovita_3 Start: 802, Stop: 2430, Start Num: 225
Candidate Starts for Jovita_3:
(Start: 225 @802 has 84 MA's), (339, 958), (431, 1066), (490, 1150), (503, 1174), (518, 1192), (569, 1249), (594, 1300), (595, 1303), (620, 1363), (628, 1381), (643, 1411), (662, 1441), (1003, 1897), (1020, 1912), (1328, 2263), (1464, 2419),

Gene: Jovo_9 Start: 6297, Stop: 8048, Start Num: 67
Candidate Starts for Jovo_9:
(Start: 54 @6270 has 19 MA's), (Start: 67 @6297 has 32 MA's), (Start: 115 @6366 has 1 MA's), (Start: 237 @6480 has 1 MA's), (241, 6486), (362, 6618), (424, 6693), (425, 6696), (523, 6831), (551, 6870), (567, 6894), (620, 7002), (641, 7047), (690, 7125), (693, 7131), (793, 7296), (812, 7329), (825, 7350), (983, 7524), (999, 7548), (1001, 7551), (1080, 7611), (1088, 7623), (1113, 7650), (1129, 7671), (1182, 7755), (1193, 7767), (1405, 8004), (1438, 8037), (1443, 8043),

Gene: Joy99_8 Start: 1563, Stop: 2987, Start Num: 247
Candidate Starts for Joy99_8:
(Start: 165 @1491 has 76 MA's), (Start: 230 @1551 has 31 MA's), (Start: 247 @1563 has 171 MA's), (Start: 336 @1674 has 12 MA's), (342, 1680), (391, 1758), (402, 1767), (425, 1815), (444, 1833), (487, 1902), (514, 1944), (517, 1950), (532, 1977), (533, 1980), (607, 2097), (611, 2106), (675, 2187), (792, 2301), (820, 2349), (827, 2361), (851, 2391), (870, 2415), (880, 2427), (893, 2442), (959, 2505), (962, 2511), (1112, 2658), (1146, 2691), (1187, 2745), (1353, 2922), (1425, 2976),

Gene: JoyLin_12 Start: 8663, Stop: 10423, Start Num: 307
Candidate Starts for JoyLin_12:
(Start: 303 @8657 has 2 MA's), (Start: 305 @8660 has 33 MA's), (Start: 307 @8663 has 198 MA's), (Start: 318 @8684 has 1 MA's), (342, 8717), (354, 8738), (363, 8756), (367, 8762), (396, 8813), (401, 8819), (496, 9017), (505, 9035), (516, 9059), (533, 9092), (556, 9137), (572, 9158), (644, 9329), (666,

9365), (727, 9461), (728, 9467), (750, 9515), (805, 9614), (823, 9650), (841, 9677), (847, 9686), (892, 9743), (950, 9827), (956, 9839), (1053, 9953), (1120, 10040), (1123, 10043), (1223, 10181), (1273, 10247), (1274, 10250), (1290, 10271), (1299, 10283), (1363, 10364), (1372, 10376),

Gene: Jsquared_11 Start: 6331, Stop: 8112, Start Num: 103
Candidate Starts for Jsquared_11:
(29, 6172), (Start: 103 @6331 has 236 MA's), (Start: 251 @6475 has 3 MA's), (278, 6520), (298, 6562), (314, 6586), (362, 6649), (411, 6703), (512, 6844), (513, 6847), (538, 6886), (581, 6955), (620, 7045), (631, 7069), (718, 7198), (722, 7201), (892, 7474), (1113, 7714), (1129, 7735), (1182, 7819), (1193, 7831), (1405, 8068), (1433, 8095), (1435, 8098), (1438, 8101),

Gene: Jstan_2 Start: 534, Stop: 2240, Start Num: 124
Candidate Starts for Jstan_2:
(Start: 124 @534 has 46 MA's), (Start: 232 @621 has 1 MA's), (486, 906), (513, 963), (525, 984), (546, 1011), (595, 1101), (623, 1155), (645, 1200), (693, 1275), (748, 1365), (851, 1488), (881, 1527), (983, 1650), (1146, 1830), (1163, 1863), (1193, 1905), (1209, 1920), (1292, 2055), (1325, 2091), (1372, 2151), (1381, 2163),

Gene: JuJu_2 Start: 352, Stop: 1959, Start Num: 164
Candidate Starts for JuJu_2:
(Start: 164 @352 has 1 MA's), (Start: 167 @355 has 9 MA's), (Start: 173 @361 has 36 MA's), (289, 475), (Start: 318 @517 has 1 MA's), (Start: 333 @535 has 4 MA's), (342, 550), (384, 571), (419, 631), (431, 655), (465, 691), (483, 727), (487, 739), (513, 781), (515, 784), (620, 961), (648, 1003), (661, 1018), (675, 1033), (677, 1036), (745, 1111), (778, 1162), (919, 1318), (946, 1339), (949, 1342), (1002, 1429), (1015, 1441), (1060, 1477), (1107, 1516), (1111, 1522), (1113, 1528), (1146, 1558), (1172, 1594), (1174, 1597), (1224, 1657), (1226, 1660), (1234, 1669), (1317, 1738), (1448, 1888), (1466, 1942),

Gene: Jubie_5 Start: 1190, Stop: 2755, Start Num: 138
Candidate Starts for Jubie_5:
(97, 1139), (Start: 105 @1148 has 85 MA's), (Start: 138 @1190 has 120 MA's), (Start: 142 @1196 has 6 MA's), (293, 1367), (Start: 317 @1397 has 15 MA's), (396, 1472), (402, 1478), (405, 1484), (506, 1640), (512, 1649), (513, 1652), (515, 1655), (566, 1730), (591, 1784), (593, 1787), (594, 1790), (766, 2021), (813, 2096), (827, 2117), (832, 2123), (900, 2192), (942, 2216), (954, 2234), (962, 2249), (1060, 2363), (1113, 2402), (1116, 2408), (1172, 2474), (1216, 2528), (1263, 2564), (1278, 2576), (1329, 2615), (1400, 2702), (1448, 2747), (1450, 2750),

Gene: Judy_2 Start: 625, Stop: 2373, Start Num: 330
Candidate Starts for Judy_2:
(294, 574), (311, 601), (Start: 330 @625 has 14 MA's), (388, 718), (469, 859), (473, 865), (486, 898), (487, 901), (493, 919), (513, 961), (554, 1039), (566, 1063), (576, 1075), (590, 1114), (598, 1135), (611, 1168), (660, 1261), (766, 1420), (774, 1435), (807, 1474), (873, 1570), (986, 1747), (994, 1762), (1011, 1786), (1135, 1969), (1147, 1996), (1158, 2020), (1165, 2038), (1187, 2068), (1232, 2125), (1253, 2152), (1281, 2176), (1289, 2185), (1332, 2236), (1372, 2290),

Gene: Juicebox_3 Start: 1306, Stop: 2937, Start Num: 145
Candidate Starts for Juicebox_3:
(Start: 143 @1303 has 16 MA's), (Start: 145 @1306 has 1 MA's), (166, 1315), (407, 1573), (477, 1663), (504, 1714), (508, 1720), (513, 1732), (645, 1972), (692, 2044), (735, 2119), (790, 2179), (866, 2284), (907, 2308), (954, 2350), (992, 2407), (1001, 2422), (1015, 2437), (1102, 2470), (1210, 2650), (1250, 2707), (1285, 2746), (1370, 2848), (1381, 2863), (1442, 2926),

Gene: JulesRay_13 Start: 7494, Stop: 9239, Start Num: 307

Candidate Starts for JulesRay_13:
(Start: 307 @7494 has 198 MA's), (310, 7500), (363, 7587), (367, 7593), (387, 7629), (417, 7683), (467, 7779), (556, 7968), (570, 7986), (572, 7989), (599, 8058), (644, 8160), (666, 8196), (680, 8217), (693, 8241), (728, 8298), (750, 8346), (785, 8412), (805, 8445), (808, 8451), (823, 8481), (837, 8502), (892, 8574), (1053, 8769), (1111, 8835), (1120, 8856), (1123, 8859), (1160, 8919), (1244, 9030), (1274, 9066), (1290, 9087), (1299, 9099), (1334, 9144), (1336, 9147), (1370, 9189), (1372, 9192),

Gene: JuliaChild_13 Start: 7479, Stop: 9167, Start Num: 102
Candidate Starts for JuliaChild_13:
(Start: 102 @7479 has 400 MA's), (Start: 309 @7659 has 15 MA's), (381, 7743), (408, 7779), (424, 7806), (513, 7929), (581, 8037), (620, 8127), (631, 8151), (647, 8178), (679, 8226), (774, 8382), (809, 8442), (1009, 8676), (1021, 8688), (1080, 8730), (1100, 8751), (1117, 8778), (1193, 8886), (1279, 8976), (1365, 9081),

Gene: Julie_6 Start: 2172, Stop: 3869, Start Num: 209
Candidate Starts for Julie_6:
(178, 2139), (Start: 209 @2172 has 22 MA's), (Start: 295 @2292 has 6 MA's), (Start: 309 @2313 has 15 MA's), (Start: 317 @2328 has 15 MA's), (339, 2361), (Start: 397 @2403 has 4 MA's), (399, 2406), (422, 2451), (431, 2469), (434, 2472), (488, 2547), (520, 2598), (569, 2652), (620, 2766), (648, 2823), (650, 2826), (665, 2847), (708, 2922), (852, 3144), (865, 3159), (926, 3231), (930, 3237), (960, 3297), (973, 3330), (997, 3369), (1020, 3387), (1061, 3429), (1100, 3462), (1126, 3501), (1177, 3543), (1212, 3585), (1305, 3660), (1313, 3669), (1364, 3732), (1464, 3858),

Gene: Juliette_9 Start: 2575, Stop: 3915, Start Num: 336
Candidate Starts for Juliette_9:
(Start: 247 @2470 has 171 MA's), (Start: 336 @2575 has 12 MA's), (391, 2659), (402, 2668), (425, 2716), (463, 2758), (487, 2809), (493, 2827), (517, 2857), (532, 2884), (591, 2962), (607, 3004), (611, 3013), (613, 3016), (675, 3094), (679, 3103), (742, 3142), (792, 3208), (820, 3256), (851, 3298), (870, 3322), (962, 3415), (992, 3457), (1042, 3502), (1111, 3571), (1150, 3616), (1157, 3631), (1160, 3637), (1187, 3661), (1353, 3838), (1425, 3904), (1431, 3910),

Gene: Jumboset_5 Start: 3286, Stop: 4641, Start Num: 333
Candidate Starts for Jumboset_5:
(Start: 165 @3076 has 76 MA's), (Start: 333 @3286 has 4 MA's), (Start: 397 @3340 has 4 MA's), (431, 3406), (463, 3430), (584, 3646), (593, 3661), (595, 3667), (620, 3727), (650, 3787), (770, 3886), (790, 3916), (803, 3931), (852, 4012), (936, 4090), (941, 4099), (961, 4135), (983, 4174), (1009, 4207), (1020, 4216), (1046, 4243), (1105, 4297), (1133, 4339), (1197, 4384), (1212, 4405), (1232, 4429), (1328, 4507), (1451, 4627),

Gene: JuneStar_2 Start: 545, Stop: 2242, Start Num: 124
Candidate Starts for JuneStar_2:
(13, 242), (Start: 124 @545 has 46 MA's), (Start: 232 @632 has 1 MA's), (486, 917), (513, 974), (538, 1016), (595, 1112), (623, 1166), (693, 1286), (748, 1376), (983, 1661), (1088, 1772), (1146, 1841), (1193, 1916), (1209, 1931), (1292, 2057), (1363, 2141), (1381, 2165),

Gene: Jung_2 Start: 400, Stop: 2076, Start Num: 138
Candidate Starts for Jung_2:
(Start: 138 @400 has 120 MA's), (Start: 318 @616 has 1 MA's), (349, 655), (380, 712), (384, 718), (396, 736), (421, 781), (426, 793), (431, 802), (444, 808), (483, 865), (490, 886), (495, 898), (558, 988), (659, 1177), (745, 1273), (766, 1303), (778, 1324), (919, 1477), (959, 1522), (1107, 1675), (1112, 1684), (1139, 1711), (1172, 1753), (1187, 1771), (1278, 1855), (1290, 1870), (1463, 2059),

Gene: Juniormint_2 Start: 413, Stop: 2089, Start Num: 138

Candidate Starts for Juniormint_2:
(Start: 138 @413 has 120 MA's), (Start: 235 @524 has 7 MA's), (Start: 318 @629 has 1 MA's), (349, 668), (380, 725), (384, 731), (396, 749), (421, 794), (422, 797), (426, 806), (431, 815), (444, 821), (445, 824), (483, 878), (490, 899), (495, 911), (558, 1001), (659, 1190), (745, 1286), (778, 1337), (902, 1478), (919, 1490), (1024, 1622), (1107, 1688), (1112, 1697), (1139, 1724), (1172, 1766), (1187, 1784), (1278, 1868), (1290, 1883), (1463, 2072),

Gene: Juniper1_2 Start: 571, Stop: 2208, Start Num: 155
Candidate Starts for Juniper1_2:
(Start: 155 @571 has 202 MA's), (163, 580), (Start: 176 @595 has 3 MA's), (Start: 217 @628 has 1 MA's), (Start: 247 @652 has 171 MA's), (Start: 250 @655 has 144 MA's), (Start: 318 @718 has 1 MA's), (353, 757), (412, 844), (454, 904), (484, 928), (487, 937), (488, 940), (496, 961), (508, 982), (548, 1054), (575, 1093), (602, 1162), (604, 1168), (621, 1198), (622, 1201), (627, 1210), (635, 1225), (647, 1243), (680, 1294), (717, 1345), (736, 1387), (740, 1396), (862, 1567), (874, 1579), (983, 1663), (1005, 1693), (1007, 1696), (1010, 1699), (1080, 1756), (1097, 1771), (1101, 1777), (1104, 1780), (1113, 1795), (1117, 1804), (1164, 1873), (1190, 1903), (1196, 1912), (1225, 1945), (1239, 1963), (1250, 1978), (1255, 1993), (1265, 2005), (1297, 2038), (1315, 2059), (1320, 2065), (1325, 2068), (1349, 2089), (1365, 2113), (1372, 2122), (1374, 2125), (1429, 2182),

Gene: Juno112_2 Start: 370, Stop: 1992, Start Num: 193
Candidate Starts for Juno112_2:
(Start: 171 @349 has 16 MA's), (Start: 193 @370 has 21 MA's), (Start: 397 @601 has 4 MA's), (399, 604), (405, 613), (422, 649), (431, 667), (488, 745), (569, 850), (620, 964), (631, 988), (650, 1024), (665, 1045), (677, 1060), (713, 1120), (731, 1141), (774, 1204), (954, 1420), (961, 1432), (975, 1459), (1003, 1498), (1009, 1504), (1048, 1543), (1080, 1570), (1096, 1582), (1117, 1615), (1126, 1627), (1148, 1654), (1151, 1660), (1364, 1900), (1369, 1906), (1385, 1927), (1403, 1948), (1447, 1978), (1449, 1981), (1451, 1984),

Gene: JustASigh_2 Start: 553, Stop: 2340, Start Num: 73
Candidate Starts for JustASigh_2:
(Start: 73 @553 has 1 MA's), (320, 850), (342, 883), (419, 964), (483, 1048), (487, 1060), (544, 1147), (594, 1237), (650, 1342), (747, 1495), (762, 1513), (807, 1582), (912, 1699), (954, 1741), (959, 1750), (1002, 1816), (1042, 1846), (1136, 1936), (1146, 1945), (1149, 1951), (1150, 1954), (1160, 1975), (1278, 2083), (1290, 2098), (1317, 2125), (1356, 2170), (1371, 2188), (1401, 2224), (1409, 2230), (1436, 2260),

Gene: KADY_14 Start: 7041, Stop: 8741, Start Num: 105
Candidate Starts for KADY_14:
(Start: 105 @7041 has 85 MA's), (Start: 145 @7089 has 1 MA's), (302, 7224), (467, 7416), (513, 7503), (620, 7701), (675, 7791), (718, 7854), (809, 8016), (983, 8214), (999, 8238), (1001, 8241), (1080, 8304), (1100, 8325), (1129, 8364), (1193, 8460), (1241, 8514), (1279, 8550), (1405, 8697), (1435, 8727), (1438, 8730),

Gene: KBG_12 Start: 7912, Stop: 9600, Start Num: 102
Candidate Starts for KBG_12:
(Start: 102 @7912 has 400 MA's), (Start: 309 @8092 has 15 MA's), (381, 8176), (408, 8212), (424, 8239), (513, 8362), (581, 8470), (620, 8560), (631, 8584), (679, 8659), (774, 8815), (809, 8875), (1001, 9100), (1009, 9109), (1021, 9121), (1080, 9163), (1100, 9184), (1117, 9211), (1193, 9319), (1279, 9409), (1365, 9514),

Gene: KFPoly_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for KFPoly_11:

(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: KHumphrey_2 Start: 370, Stop: 1992, Start Num: 193
Candidate Starts for KHumphrey_2:
(Start: 171 @349 has 16 MA's), (Start: 193 @370 has 21 MA's), (Start: 397 @601 has 4 MA's), (399, 604), (405, 613), (422, 649), (431, 667), (488, 745), (569, 850), (620, 964), (631, 988), (650, 1024), (665, 1045), (677, 1060), (713, 1120), (774, 1204), (954, 1420), (961, 1432), (975, 1459), (1003, 1498), (1009, 1504), (1048, 1543), (1080, 1570), (1096, 1582), (1117, 1615), (1126, 1627), (1148, 1654), (1151, 1660), (1305, 1831), (1364, 1900), (1369, 1906), (1385, 1927), (1403, 1948), (1447, 1978), (1449, 1981), (1451, 1984),

Gene: KSSJEB_11 Start: 6817, Stop: 8505, Start Num: 102
Candidate Starts for KSSJEB_11:
(Start: 102 @6817 has 400 MA's), (381, 7081), (402, 7105), (499, 7240), (513, 7267), (535, 7300), (581, 7375), (620, 7465), (631, 7489), (647, 7516), (679, 7564), (728, 7633), (774, 7720), (808, 7777), (809, 7780), (1001, 8005), (1009, 8014), (1021, 8026), (1080, 8068), (1100, 8089), (1117, 8116), (1193, 8224), (1279, 8314), (1365, 8419),

Gene: Kabluna_27 Start: 11923, Stop: 13647, Start Num: 161
Candidate Starts for Kabluna_27:
(Start: 155 @11917 has 202 MA's), (Start: 161 @11923 has 29 MA's), (Start: 317 @12067 has 15 MA's), (351, 12118), (353, 12124), (372, 12151), (379, 12163), (Start: 403 @12193 has 1 MA's), (414, 12217), (424, 12235), (621, 12628), (635, 12655), (740, 12823), (748, 12835), (768, 12868), (824, 12946), (1034, 13162), (1054, 13192), (1104, 13243), (1136, 13291), (1196, 13366), (1203, 13378), (1237, 13414), (1365, 13552), (1387, 13582),

Gene: Kachowdy_11 Start: 6549, Stop: 8246, Start Num: 102
Candidate Starts for Kachowdy_11:
(Start: 102 @6549 has 400 MA's), (168, 6621), (381, 6819), (508, 6993), (513, 7005), (538, 7044), (550, 7056), (581, 7113), (593, 7137), (620, 7203), (623, 7212), (675, 7293), (690, 7320), (774, 7458), (812, 7524), (825, 7545), (842, 7569), (848, 7578), (923, 7644), (983, 7719), (999, 7743), (1001, 7746), (1006, 7752), (1015, 7761), (1080, 7809), (1129, 7869), (1193, 7965), (1236, 8010), (1241, 8019), (1374, 8172), (1405, 8202), (1435, 8232), (1438, 8235),

Gene: Kahlid_4 Start: 1069, Stop: 2637, Start Num: 138
Candidate Starts for Kahlid_4:
(Start: 138 @1069 has 120 MA's), (Start: 142 @1075 has 6 MA's), (Start: 284 @1231 has 1 MA's), (512, 1528), (515, 1534), (556, 1594), (591, 1666), (594, 1672), (675, 1792), (710, 1840), (762, 1894), (776, 1918), (807, 1963), (809, 1969), (827, 1999), (832, 2005), (855, 2032), (863, 2041), (942, 2098), (946, 2104), (959, 2125), (962, 2131), (1020, 2206), (1023, 2209), (1060, 2245), (1116, 2290), (1172, 2356), (1234, 2431), (1266, 2449), (1278, 2458), (1420, 2605), (1448, 2629), (1450, 2632),

Gene: Kaijohn_3 Start: 1080, Stop: 2540, Start Num: 250
Candidate Starts for Kaijohn_3:
(Start: 250 @1080 has 144 MA's), (Start: 254 @1086 has 2 MA's), (358, 1248), (363, 1257), (399, 1317), (444, 1386), (465, 1407), (488, 1458), (619, 1662), (755, 1797), (806, 1875), (817, 1890), (842, 1926), (880, 1968), (911, 2001), (926, 2019), (953, 2043), (1015, 2139), (1020, 2142), (1039, 2154), (1113, 2229), (1172, 2292), (1187, 2310), (1190, 2313), (1330, 2475), (1337, 2484), (1344, 2493), (1372, 2532),

Gene: Kaine_6 Start: 2218, Stop: 3864, Start Num: 95
Candidate Starts for Kaine_6:
(Start: 89 @2209 has 1 MA's), (Start: 95 @2218 has 98 MA's), (Start: 98 @2221 has 2 MA's), (Start: 113 @2236 has 11 MA's), (Start: 330 @2440 has 14 MA's), (362, 2476), (407, 2521), (485, 2614), (490, 2629), (504, 2656), (509, 2665), (515, 2677), (575, 2764), (594, 2812), (620, 2860), (680, 2959), (704, 2998), (803, 3112), (812, 3133), (838, 3172), (926, 3253), (983, 3322), (987, 3328), (997, 3343), (1064, 3406), (1164, 3538), (1193, 3580), (1219, 3607), (1236, 3625), (1281, 3673), (1372, 3781),

Gene: Kalb97_14 Start: 7027, Stop: 8727, Start Num: 105
Candidate Starts for Kalb97_14:
(Start: 105 @7027 has 85 MA's), (Start: 145 @7075 has 1 MA's), (Start: 232 @7147 has 1 MA's), (302, 7210), (513, 7489), (620, 7687), (675, 7777), (718, 7840), (809, 8002), (983, 8200), (999, 8224), (1001, 8227), (1080, 8290), (1088, 8302), (1100, 8311), (1113, 8329), (1129, 8350), (1193, 8446), (1241, 8500), (1279, 8536), (1405, 8683), (1435, 8713), (1438, 8716),

Gene: Kalimba_2 Start: 593, Stop: 2281, Start Num: 143
Candidate Starts for Kalimba_2:
(Start: 143 @593 has 16 MA's), (354, 794), (477, 938), (490, 962), (513, 1007), (573, 1094), (595, 1148), (617, 1187), (693, 1322), (759, 1424), (851, 1535), (952, 1646), (983, 1697), (1193, 1952), (1209, 1967), (1372, 2192), (1381, 2204), (1399, 2219),

Gene: Kalizoi_5 Start: 3286, Stop: 4641, Start Num: 333
Candidate Starts for Kalizoi_5:
(Start: 165 @3076 has 76 MA's), (Start: 333 @3286 has 4 MA's), (Start: 397 @3340 has 4 MA's), (426, 3397), (431, 3406), (584, 3646), (593, 3661), (595, 3667), (620, 3727), (650, 3787), (770, 3886), (790, 3916), (803, 3931), (852, 4012), (936, 4090), (941, 4099), (961, 4135), (983, 4174), (1009, 4207), (1020, 4216), (1046, 4243), (1105, 4297), (1133, 4339), (1197, 4384), (1212, 4405), (1232, 4429), (1328, 4507), (1451, 4627),

Gene: Kalnoky_14 Start: 7029, Stop: 8729, Start Num: 105
Candidate Starts for Kalnoky_14:
(Start: 105 @7029 has 85 MA's), (Start: 145 @7077 has 1 MA's), (Start: 232 @7149 has 1 MA's), (302, 7212), (513, 7491), (620, 7689), (675, 7779), (718, 7842), (809, 8004), (983, 8202), (999, 8226), (1001, 8229), (1080, 8292), (1088, 8304), (1100, 8313), (1113, 8331), (1129, 8352), (1193, 8448), (1241, 8502), (1279, 8538), (1405, 8685), (1435, 8715), (1438, 8718),

Gene: Kalpine_15 Start: 9215, Stop: 11002, Start Num: 103
Candidate Starts for Kalpine_15:
(29, 9047), (41, 9098), (Start: 103 @9215 has 236 MA's), (Start: 217 @9323 has 1 MA's), (234, 9344), (298, 9452), (Start: 330 @9503 has 14 MA's), (362, 9539), (411, 9593), (424, 9614), (512, 9734), (513, 9737), (581, 9845), (620, 9935), (631, 9959), (696, 10061), (722, 10091), (983, 10478), (1080, 10565), (1088, 10577), (1113, 10604), (1115, 10607), (1129, 10625), (1193, 10721), (1405, 10958), (1433, 10985), (1435, 10988), (1438, 10991), (1440, 10994),

Gene: Kamdara_3 Start: 943, Stop: 2562, Start Num: 225
Candidate Starts for Kamdara_3:
(Start: 220 @937 has 6 MA's), (Start: 225 @943 has 84 MA's), (339, 1099), (422, 1189), (431, 1207), (459, 1222), (490, 1291), (503, 1315), (518, 1333), (569, 1390), (594, 1441), (595, 1444), (620, 1504), (630, 1525), (643, 1552), (662, 1582), (921, 1921), (1015, 2044), (1296, 2359), (1328, 2398), (1447, 2515),

Gene: Kampy_11 Start: 6885, Stop: 8582, Start Num: 102

Candidate Starts for Kampy_11:
(Start: 102 @6885 has 400 MA's), (Start: 124 @6909 has 46 MA's), (Start: 251 @7032 has 3 MA's), (350, 7122), (381, 7155), (467, 7254), (512, 7338), (513, 7341), (538, 7380), (581, 7449), (593, 7473), (620, 7539), (675, 7629), (774, 7794), (825, 7881), (848, 7914), (923, 7980), (981, 8052), (983, 8055), (999, 8079), (1064, 8130), (1080, 8145), (1113, 8184), (1129, 8205), (1193, 8301), (1405, 8538), (1435, 8568), (1438, 8571),

Gene: Kanely_12 Start: 7589, Stop: 9277, Start Num: 102
Candidate Starts for Kanely_12:
(Start: 102 @7589 has 400 MA's), (381, 7853), (402, 7877), (513, 8039), (535, 8072), (581, 8147), (620, 8237), (631, 8261), (647, 8288), (679, 8336), (774, 8492), (809, 8552), (1009, 8786), (1021, 8798), (1080, 8840), (1100, 8861), (1117, 8888), (1193, 8996), (1279, 9086), (1365, 9191),

Gene: KappaFarmDelta_2 Start: 360, Stop: 1928, Start Num: 173
Candidate Starts for KappaFarmDelta_2:
(65, 255), (Start: 173 @360 has 36 MA's), (289, 477), (Start: 318 @519 has 1 MA's), (Start: 333 @537 has 4 MA's), (342, 552), (399, 594), (419, 633), (431, 657), (465, 693), (483, 729), (487, 741), (513, 783), (520, 795), (539, 822), (593, 900), (648, 1005), (661, 1020), (675, 1035), (677, 1038), (745, 1113), (778, 1164), (919, 1320), (946, 1341), (956, 1359), (959, 1365), (1002, 1431), (1015, 1443), (1060, 1479), (1107, 1518), (1112, 1527), (1113, 1530), (1146, 1560), (1174, 1599), (1224, 1659), (1278, 1701), (1317, 1743), (1326, 1758), (1358, 1794), (1449, 1890), (1459, 1902), (1463, 1911),

Gene: Kardashian_7 Start: 3408, Stop: 5147, Start Num: 307
Candidate Starts for Kardashian_7:
(Start: 307 @3408 has 198 MA's), (310, 3414), (342, 3462), (345, 3465), (363, 3501), (367, 3507), (460, 3681), (488, 3735), (502, 3768), (556, 3876), (572, 3897), (637, 4050), (644, 4068), (666, 4104), (680, 4125), (727, 4200), (750, 4254), (805, 4353), (831, 4401), (892, 4482), (950, 4551), (956, 4563), (1022, 4641), (1052, 4674), (1071, 4695), (1120, 4764), (1123, 4767), (1156, 4818), (1274, 4974), (1276, 4977), (1290, 4995), (1299, 5007), (1315, 5025), (1370, 5097), (1381, 5112),

Gene: Kardesai_7 Start: 3847, Stop: 5601, Start Num: 307
Candidate Starts for Kardesai_7:
(279, 3793), (Start: 303 @3841 has 2 MA's), (Start: 307 @3847 has 198 MA's), (363, 3940), (367, 3946), (469, 4138), (502, 4213), (516, 4243), (532, 4273), (556, 4321), (570, 4339), (572, 4342), (589, 4384), (644, 4513), (750, 4699), (805, 4798), (847, 4870), (892, 4927), (950, 5005), (956, 5017), (1053, 5131), (1071, 5149), (1109, 5194), (1120, 5218), (1123, 5221), (1150, 5260), (1249, 5401), (1288, 5446), (1290, 5449), (1299, 5461), (1336, 5509), (1363, 5542), (1370, 5551), (1372, 5554),

Gene: Kareem_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for Kareem_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Karhdo_2 Start: 588, Stop: 2225, Start Num: 155
Candidate Starts for Karhdo_2:
(Start: 155 @588 has 202 MA's), (168, 603), (Start: 176 @612 has 3 MA's), (182, 618), (Start: 217 @645 has 1 MA's), (Start: 247 @669 has 171 MA's), (Start: 250 @672 has 144 MA's), (Start: 318 @735 has 1 MA's), (Start: 330 @753 has 14 MA's), (353, 774), (412, 861), (414, 867), (454, 921), (473, 933), (484, 945), (487, 954), (488, 957), (496, 978), (508, 999), (516, 1014), (548, 1071), (575, 1110),

(602, 1179), (604, 1185), (621, 1215), (622, 1218), (627, 1227), (635, 1242), (647, 1260), (680, 1311), (740, 1413), (862, 1584), (874, 1596), (920, 1614), (983, 1680), (1005, 1710), (1007, 1713), (1010, 1716), (1080, 1773), (1097, 1788), (1101, 1794), (1104, 1797), (1113, 1812), (1117, 1821), (1164, 1890), (1190, 1920), (1196, 1929), (1225, 1962), (1250, 1995), (1265, 2022), (1297, 2055), (1320, 2082), (1325, 2085), (1349, 2106), (1365, 2130), (1372, 2139), (1374, 2142), (1429, 2199),

Gene: Kari_2 Start: 413, Stop: 2089, Start Num: 138
Candidate Starts for Kari_2:
(Start: 138 @413 has 120 MA's), (Start: 318 @629 has 1 MA's), (349, 668), (380, 725), (384, 731), (396, 749), (421, 794), (426, 806), (431, 815), (444, 821), (483, 878), (490, 899), (495, 911), (558, 1001), (659, 1190), (745, 1286), (766, 1316), (778, 1337), (919, 1490), (1107, 1688), (1112, 1697), (1139, 1724), (1172, 1766), (1187, 1784), (1278, 1868), (1290, 1883), (1463, 2072),

Gene: Karkharias_2 Start: 625, Stop: 2373, Start Num: 330
Candidate Starts for Karkharias_2:
(294, 574), (311, 601), (Start: 330 @625 has 14 MA's), (388, 718), (469, 859), (473, 865), (481, 883), (486, 898), (487, 901), (554, 1039), (590, 1114), (598, 1135), (660, 1261), (732, 1363), (766, 1420), (774, 1435), (807, 1474), (986, 1747), (994, 1762), (1011, 1786), (1036, 1819), (1147, 1996), (1158, 2020), (1165, 2038), (1187, 2068), (1197, 2083), (1207, 2098), (1232, 2125), (1253, 2152), (1281, 2176), (1289, 2185), (1332, 2236), (1372, 2290),

Gene: Kasen3_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for Kasen3_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: KashFlow_4 Start: 1954, Stop: 3486, Start Num: 233
Candidate Starts for KashFlow_4:
(159, 1870), (Start: 198 @1912 has 4 MA's), (Start: 205 @1921 has 1 MA's), (Start: 233 @1954 has 12 MA's), (331, 2068), (380, 2131), (Start: 403 @2164 has 1 MA's), (405, 2167), (426, 2212), (484, 2287), (487, 2296), (566, 2398), (568, 2401), (599, 2470), (766, 2719), (808, 2782), (822, 2809), (960, 2968), (975, 3004), (993, 3025), (1005, 3034), (1015, 3043), (1082, 3097), (1112, 3121), (1349, 3355), (1358, 3367),

Gene: Katalie_7 Start: 2648, Stop: 4294, Start Num: 95
Candidate Starts for Katalie_7:
(Start: 95 @2648 has 98 MA's), (Start: 113 @2666 has 11 MA's), (Start: 330 @2870 has 14 MA's), (407, 2951), (504, 3086), (515, 3107), (548, 3152), (575, 3194), (603, 3266), (620, 3290), (680, 3389), (722, 3443), (748, 3500), (838, 3602), (903, 3662), (930, 3689), (997, 3773), (1006, 3785), (1088, 3863), (1116, 3896), (1165, 3971), (1193, 4010), (1214, 4031), (1219, 4037), (1236, 4055), (1325, 4151), (1372, 4211),

Gene: Katalie136_11 Start: 6893, Stop: 8590, Start Num: 102
Candidate Starts for Katalie136_11:
(Start: 102 @6893 has 400 MA's), (Start: 124 @6917 has 46 MA's), (381, 7163), (469, 7268), (512, 7346), (513, 7349), (538, 7388), (581, 7457), (593, 7481), (620, 7547), (675, 7637), (774, 7802), (825, 7889), (953, 8015), (981, 8060), (983, 8063), (999, 8087), (1080, 8153), (1113, 8192), (1129, 8213), (1193, 8309), (1402, 8543), (1405, 8546), (1435, 8576), (1438, 8579),

Gene: Kate33_3 Start: 768, Stop: 2396, Start Num: 225
Candidate Starts for Kate33_3:
(Start: 225 @768 has 84 MA's), (339, 924), (431, 1032), (474, 1077), (490, 1116), (518, 1158), (569, 1215), (594, 1266), (595, 1269), (620, 1329), (628, 1347), (643, 1377), (662, 1407), (1020, 1878), (1117, 1980), (1328, 2229), (1369, 2277), (1387, 2301), (1447, 2346),

Gene: KatherineG_14 Start: 6808, Stop: 8505, Start Num: 103
Candidate Starts for KatherineG_14:
(Start: 103 @6808 has 236 MA's), (120, 6826), (302, 6988), (487, 7213), (513, 7267), (581, 7375), (594, 7402), (620, 7465), (631, 7489), (999, 8005), (1080, 8068), (1115, 8110), (1193, 8224), (1292, 8329), (1405, 8461), (1433, 8488), (1435, 8491), (1438, 8494),

Gene: Katzastrophic_3 Start: 938, Stop: 2503, Start Num: 225
Candidate Starts for Katzastrophic_3:
(Start: 225 @938 has 84 MA's), (339, 1094), (431, 1202), (488, 1280), (491, 1289), (512, 1316), (569, 1385), (594, 1436), (620, 1499), (662, 1577), (865, 1850), (973, 1988), (1087, 2117), (1100, 2120), (1378, 2420), (1457, 2495),

Gene: KayGee_4 Start: 906, Stop: 2582, Start Num: 170
Candidate Starts for KayGee_4:
(Start: 170 @906 has 103 MA's), (Start: 232 @957 has 1 MA's), (Start: 249 @978 has 1 MA's), (304, 1023), (Start: 330 @1065 has 14 MA's), (362, 1101), (490, 1263), (509, 1299), (513, 1308), (515, 1311), (543, 1359), (550, 1371), (595, 1458), (701, 1638), (735, 1692), (842, 1872), (866, 1905), (954, 1971), (987, 2037), (992, 2043), (1080, 2127), (1146, 2208), (1163, 2241), (1219, 2310), (1292, 2388), (1374, 2487), (1394, 2508), (1400, 2514), (1454, 2568), (1456, 2571),

Gene: KayMoney_2 Start: 625, Stop: 2373, Start Num: 330
Candidate Starts for KayMoney_2:
(294, 574), (311, 601), (Start: 330 @625 has 14 MA's), (388, 718), (469, 859), (473, 865), (486, 898), (487, 901), (493, 919), (513, 961), (554, 1039), (566, 1063), (576, 1075), (590, 1114), (598, 1135), (611, 1168), (641, 1222), (656, 1255), (660, 1261), (732, 1363), (766, 1420), (774, 1435), (807, 1474), (873, 1570), (986, 1747), (994, 1762), (1011, 1786), (1135, 1969), (1147, 1996), (1158, 2020), (1165, 2038), (1187, 2068), (1232, 2125), (1253, 2152), (1281, 2176), (1289, 2185), (1303, 2203), (1332, 2236), (1372, 2290),

Gene: KayPaulus_3 Start: 1071, Stop: 2531, Start Num: 250
Candidate Starts for KayPaulus_3:
(Start: 250 @1071 has 144 MA's), (Start: 254 @1077 has 2 MA's), (358, 1239), (363, 1248), (399, 1308), (444, 1377), (465, 1398), (488, 1449), (619, 1653), (637, 1677), (755, 1788), (806, 1866), (817, 1881), (842, 1917), (880, 1959), (911, 1992), (926, 2010), (1015, 2130), (1020, 2133), (1039, 2145), (1113, 2220), (1172, 2283), (1187, 2301), (1190, 2304), (1330, 2466), (1337, 2475), (1372, 2523),

Gene: Kaylissa_2 Start: 533, Stop: 2239, Start Num: 124
Candidate Starts for Kaylissa_2:
(13, 242), (15, 251), (Start: 124 @533 has 46 MA's), (486, 905), (513, 962), (546, 1010), (595, 1100), (623, 1154), (693, 1274), (748, 1364), (881, 1526), (983, 1649), (1193, 1904), (1209, 1919), (1250, 1973), (1292, 2054), (1363, 2138), (1381, 2162),

Gene: Kazan_15 Start: 7539, Stop: 9293, Start Num: 103
Candidate Starts for Kazan_15:
(Start: 103 @7539 has 236 MA's), (298, 7770), (Start: 330 @7821 has 14 MA's), (362, 7857), (424, 7932), (513, 8055), (538, 8094), (581, 8163), (593, 8187), (594, 8190), (620, 8253), (631, 8277), (693, 8376), (696, 8379), (718, 8406), (722, 8409), (923, 8694), (992, 8781), (999, 8793), (1080, 8856),

(1113, 8895), (1129, 8916), (1182, 9000), (1193, 9012), (1405, 9249), (1433, 9276), (1435, 9279),

Gene: KeAlii_2 Start: 518, Stop: 2215, Start Num: 128
Candidate Starts for KeAlii_2:
(Start: 128 @518 has 7 MA's), (Start: 143 @539 has 16 MA's), (486, 890), (513, 947), (595, 1085), (604, 1109), (645, 1184), (693, 1259), (881, 1511), (983, 1631), (1165, 1850), (1193, 1886), (1209, 1901), (1381, 2144),

Gene: KeaneyLin_7 Start: 3847, Stop: 5601, Start Num: 307
Candidate Starts for KeaneyLin_7:
(279, 3793), (Start: 303 @3841 has 2 MA's), (Start: 307 @3847 has 198 MA's), (363, 3940), (367, 3946), (469, 4138), (502, 4213), (516, 4243), (532, 4273), (556, 4321), (572, 4342), (644, 4513), (750, 4699), (805, 4798), (847, 4870), (892, 4927), (950, 5005), (956, 5017), (1053, 5131), (1071, 5149), (1109, 5194), (1120, 5218), (1123, 5221), (1150, 5260), (1249, 5401), (1288, 5446), (1290, 5449), (1299, 5461), (1336, 5509), (1363, 5542), (1370, 5551), (1372, 5554),

Gene: Keelan_32 Start: 9783, Stop: 11189, Start Num: 256
Candidate Starts for Keelan_32:
(Start: 207 @9726 has 6 MA's), (226, 9747), (Start: 256 @9783 has 6 MA's), (269, 9795), (418, 9969), (422, 9978), (458, 10005), (485, 10062), (511, 10116), (591, 10242), (595, 10248), (602, 10266), (611, 10290), (745, 10464), (785, 10521), (809, 10557), (876, 10635), (962, 10698), (1009, 10761), (1057, 10800), (1150, 10893), (1188, 10938), (1202, 10956), (1213, 10971),

Gene: Keiki_2 Start: 378, Stop: 1889, Start Num: 228
Candidate Starts for Keiki_2:
(Start: 228 @378 has 40 MA's), (Start: 262 @417 has 67 MA's), (274, 435), (Start: 297 @462 has 6 MA's), (314, 480), (Start: 333 @507 has 4 MA's), (334, 510), (353, 528), (Start: 393 @558 has 3 MA's), (Start: 400 @567 has 2 MA's), (405, 573), (424, 612), (426, 618), (465, 651), (474, 669), (485, 693), (487, 699), (506, 738), (512, 747), (513, 750), (533, 789), (535, 792), (566, 852), (572, 861), (591, 906), (593, 909), (602, 930), (607, 945), (611, 954), (641, 1005), (653, 1026), (664, 1041), (667, 1044), (669, 1047), (674, 1053), (681, 1068), (745, 1134), (763, 1155), (776, 1179), (797, 1206), (809, 1227), (855, 1293), (881, 1314), (954, 1356), (973, 1398), (1044, 1467), (1062, 1485), (1075, 1497), (1079, 1503), (1112, 1530), (1130, 1551), (1131, 1554), (1134, 1557), (1143, 1569), (1170, 1602), (1190, 1626), (1278, 1704), (1280, 1707), (1290, 1719), (1366, 1797), (1373, 1806), (1389, 1827), (1433, 1875), (1443, 1881),

Gene: KekoraPapaka_10 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for KekoraPapaka_10:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Kels_2 Start: 349, Stop: 1851, Start Num: 191
Candidate Starts for Kels_2:
(Start: 191 @349 has 4 MA's), (213, 373), (Start: 318 @508 has 1 MA's), (329, 520), (Start: 333 @526 has 4 MA's), (Start: 336 @535 has 12 MA's), (405, 598), (419, 628), (424, 637), (434, 655), (506, 754), (513, 766), (540, 799), (586, 880), (607, 928), (657, 1009), (776, 1144), (820, 1210), (827, 1222), (860, 1255), (886, 1279), (987, 1411), (1021, 1438), (1121, 1531), (1201, 1615), (1206, 1624), (1299, 1708), (1317, 1723), (1364, 1783), (1387, 1813),

Gene: KendraB23_4 Start: 958, Stop: 2538, Start Num: 238

Candidate Starts for KendraB23_4:
(Start: 171 @892 has 16 MA's), (Start: 238 @958 has 22 MA's), (Start: 309 @1054 has 15 MA's), (314, 1063), (374, 1117), (405, 1156), (424, 1195), (431, 1210), (463, 1234), (474, 1255), (598, 1456), (620, 1507), (628, 1525), (650, 1567), (665, 1588), (700, 1648), (720, 1678), (731, 1687), (774, 1750), (961, 1978), (983, 2017), (1003, 2044), (1020, 2059), (1048, 2089), (1096, 2128), (1151, 2206), (1176, 2236), (1200, 2263), (1364, 2446), (1369, 2452), (1385, 2473), (1449, 2527),

Gene: Kenmech_14 Start: 8093, Stop: 9781, Start Num: 110
Candidate Starts for Kenmech_14:
(Start: 110 @8093 has 24 MA's), (Start: 309 @8273 has 15 MA's), (381, 8357), (Start: 403 @8384 has 1 MA's), (408, 8393), (513, 8543), (535, 8576), (581, 8651), (620, 8741), (631, 8765), (647, 8792), (679, 8840), (690, 8858), (728, 8909), (767, 8984), (774, 8996), (809, 9056), (1009, 9290), (1021, 9302), (1080, 9344), (1100, 9365), (1117, 9392), (1193, 9500), (1279, 9590), (1365, 9695),

Gene: Kenosha_14 Start: 8088, Stop: 9833, Start Num: 307
Candidate Starts for Kenosha_14:
(Start: 307 @8088 has 198 MA's), (310, 8094), (363, 8181), (367, 8187), (387, 8223), (417, 8277), (433, 8307), (467, 8373), (502, 8454), (532, 8514), (556, 8562), (570, 8580), (572, 8583), (599, 8652), (615, 8691), (637, 8736), (644, 8754), (680, 8811), (728, 8892), (750, 8940), (805, 9039), (808, 9045), (837, 9096), (841, 9102), (872, 9144), (892, 9168), (1053, 9363), (1088, 9405), (1111, 9429), (1120, 9450), (1123, 9453), (1249, 9633), (1288, 9678), (1290, 9681), (1299, 9693), (1370, 9783), (1372, 9786),

Gene: Kenuha5_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Kenuha5_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: Kenzers_3 Start: 677, Stop: 2305, Start Num: 225
Candidate Starts for Kenzers_3:
(Start: 225 @677 has 84 MA's), (339, 833), (431, 941), (490, 1025), (503, 1049), (518, 1067), (569, 1124), (594, 1175), (595, 1178), (620, 1238), (628, 1256), (643, 1286), (662, 1316), (1003, 1772), (1020, 1787), (1328, 2138), (1369, 2186), (1464, 2294),

Gene: Kepler_3 Start: 848, Stop: 2329, Start Num: 309
Candidate Starts for Kepler_3:
(Start: 171 @683 has 16 MA's), (Start: 309 @848 has 15 MA's), (334, 887), (Start: 397 @938 has 4 MA's), (405, 950), (422, 986), (431, 1004), (569, 1187), (584, 1220), (620, 1301), (625, 1313), (650, 1361), (665, 1382), (677, 1397), (713, 1454), (961, 1769), (1003, 1835), (1015, 1847), (1048, 1880), (1096, 1919), (1105, 1931), (1117, 1952), (1151, 1997), (1176, 2027), (1212, 2072), (1257, 2114), (1283, 2141), (1286, 2144), (1364, 2237), (1369, 2243), (1385, 2264), (1394, 2276), (1447, 2315), (1449, 2318),

Gene: Kerberos_15 Start: 7375, Stop: 9162, Start Num: 103
Candidate Starts for Kerberos_15:

(33, 7216), (36, 7243), (Start: 103 @7375 has 236 MA's), (Start: 217 @7483 has 1 MA's), (234, 7504), (278, 7570), (298, 7612), (362, 7699), (512, 7894), (513, 7897), (581, 8005), (620, 8095), (631, 8119), (693, 8218), (718, 8248), (722, 8251), (780, 8362), (916, 8551), (1064, 8710), (1080, 8725), (1088, 8737), (1113, 8764), (1129, 8785), (1182, 8869), (1193, 8881), (1279, 8971), (1405, 9118), (1433, 9145), (1435, 9148),

Gene: Kerry_13 Start: 7213, Stop: 8958, Start Num: 307
Candidate Starts for Kerry_13:
(Start: 307 @7213 has 198 MA's), (310, 7219), (363, 7306), (367, 7312), (387, 7348), (417, 7402), (556, 7687), (570, 7705), (572, 7708), (599, 7777), (644, 7879), (666, 7915), (680, 7936), (693, 7960), (728, 8017), (750, 8065), (785, 8131), (805, 8164), (808, 8170), (823, 8200), (837, 8221), (892, 8293), (1053, 8488), (1111, 8554), (1120, 8575), (1123, 8578), (1160, 8638), (1244, 8749), (1274, 8785), (1290, 8806), (1299, 8818), (1336, 8866), (1370, 8908), (1372, 8911),

Gene: Kersh_2 Start: 575, Stop: 2212, Start Num: 155
Candidate Starts for Kersh_2:
(Start: 155 @575 has 202 MA's), (163, 584), (Start: 176 @599 has 3 MA's), (Start: 204 @620 has 1 MA's), (Start: 217 @632 has 1 MA's), (Start: 247 @656 has 171 MA's), (Start: 250 @659 has 144 MA's), (261, 677), (Start: 318 @722 has 1 MA's), (353, 761), (412, 848), (454, 908), (473, 920), (484, 932), (487, 941), (488, 944), (496, 965), (508, 986), (516, 1001), (548, 1058), (575, 1097), (602, 1166), (604, 1172), (621, 1202), (622, 1205), (627, 1214), (635, 1229), (647, 1247), (680, 1298), (736, 1391), (740, 1400), (862, 1571), (874, 1583), (983, 1667), (1005, 1697), (1007, 1700), (1010, 1703), (1080, 1760), (1097, 1775), (1101, 1781), (1104, 1784), (1113, 1799), (1117, 1808), (1164, 1877), (1190, 1907), (1196, 1916), (1225, 1949), (1250, 1982), (1265, 2009), (1297, 2042), (1320, 2069), (1325, 2072), (1349, 2093), (1365, 2117), (1372, 2126), (1374, 2129), (1429, 2186),

Gene: Keshu_7 Start: 1473, Stop: 2897, Start Num: 247
Candidate Starts for Keshu_7:
(199, 1434), (Start: 230 @1461 has 31 MA's), (Start: 247 @1473 has 171 MA's), (Start: 322 @1560 has 1 MA's), (Start: 336 @1584 has 12 MA's), (391, 1668), (402, 1677), (425, 1725), (444, 1743), (463, 1761), (487, 1812), (514, 1854), (517, 1860), (532, 1887), (591, 1965), (607, 2007), (611, 2016), (675, 2097), (686, 2115), (792, 2211), (820, 2259), (827, 2271), (851, 2301), (870, 2325), (880, 2337), (962, 2421), (992, 2463), (1111, 2562), (1112, 2565), (1150, 2607), (1157, 2622), (1160, 2628), (1184, 2649), (1187, 2652), (1353, 2829), (1431, 2892),

Gene: Kevanna_3 Start: 1071, Stop: 2531, Start Num: 250
Candidate Starts for Kevanna_3:
(Start: 250 @1071 has 144 MA's), (Start: 254 @1077 has 2 MA's), (358, 1239), (363, 1248), (399, 1308), (444, 1377), (465, 1398), (488, 1449), (619, 1653), (637, 1677), (755, 1788), (806, 1866), (817, 1881), (842, 1917), (880, 1959), (911, 1992), (926, 2010), (1015, 2130), (1020, 2133), (1039, 2145), (1113, 2220), (1172, 2283), (1187, 2301), (1190, 2304), (1330, 2466), (1337, 2475), (1372, 2523),

Gene: Kevin1_2 Start: 495, Stop: 2030, Start Num: 227
Candidate Starts for Kevin1_2:
(Start: 227 @495 has 25 MA's), (Start: 230 @498 has 31 MA's), (Start: 249 @513 has 1 MA's), (292, 570), (Start: 307 @588 has 198 MA's), (316, 600), (390, 672), (418, 720), (422, 729), (474, 792), (507, 864), (539, 912), (593, 1011), (602, 1035), (613, 1062), (659, 1134), (677, 1149), (687, 1167), (747, 1275), (766, 1299), (808, 1362), (878, 1446), (940, 1503), (950, 1518), (975, 1575), (987, 1593), (1012, 1620), (1080, 1689), (1136, 1746), (1152, 1755), (1187, 1776), (1213, 1809), (1226, 1824), (1260, 1845), (1278, 1860), (1349, 1941), (1353, 1947),

Gene: KevinMinion_7 Start: 3386, Stop: 5119, Start Num: 307
Candidate Starts for KevinMinion_7:

(Start: 307 @3386 has 198 MA's), (367, 3485), (493, 3722), (516, 3770), (556, 3848), (570, 3866), (572, 3869), (599, 3938), (644, 4040), (656, 4064), (693, 4121), (750, 4226), (805, 4325), (820, 4355), (847, 4397), (892, 4454), (950, 4523), (956, 4535), (1053, 4649), (1071, 4667), (1120, 4736), (1123, 4739), (1273, 4943), (1290, 4967), (1299, 4979), (1309, 4991), (1334, 5024), (1370, 5069), (1372, 5072),

Gene: Keziacharles14_11 Start: 6280, Stop: 8064, Start Num: 103
Candidate Starts for Keziacharles14_11:
(Start: 103 @6280 has 236 MA's), (Start: 117 @6292 has 10 MA's), (Start: 121 @6298 has 5 MA's), (241, 6409), (298, 6508), (424, 6670), (487, 6742), (513, 6796), (538, 6835), (581, 6907), (620, 6997), (631, 7021), (679, 7096), (704, 7138), (722, 7153), (778, 7261), (823, 7336), (898, 7432), (953, 7492), (1080, 7627), (1113, 7666), (1129, 7687), (1182, 7771), (1193, 7783), (1279, 7873), (1295, 7891), (1405, 8020), (1433, 8047), (1435, 8050),

Gene: Khuang_2 Start: 390, Stop: 1988, Start Num: 202
Candidate Starts for Khuang_2:
(Start: 139 @318 has 1 MA's), (Start: 202 @390 has 39 MA's), (Start: 295 @507 has 6 MA's), (405, 630), (474, 759), (569, 918), (595, 972), (618, 1029), (650, 1092), (852, 1341), (877, 1371), (888, 1383), (962, 1470), (973, 1494), (979, 1503), (983, 1509), (1009, 1542), (1040, 1569), (1042, 1572), (1105, 1632), (1183, 1704), (1235, 1767), (1283, 1788), (1290, 1797), (1323, 1836), (1424, 1950), (1430, 1956),

Gene: KiSi_7 Start: 1481, Stop: 2905, Start Num: 247
Candidate Starts for KiSi_7:
(Start: 247 @1481 has 171 MA's), (Start: 322 @1568 has 1 MA's), (Start: 336 @1592 has 12 MA's), (342, 1598), (391, 1676), (402, 1685), (425, 1733), (444, 1751), (463, 1769), (487, 1820), (505, 1859), (532, 1895), (591, 1973), (607, 2015), (611, 2024), (675, 2105), (792, 2219), (816, 2261), (820, 2267), (827, 2279), (851, 2309), (870, 2333), (880, 2345), (893, 2360), (962, 2429), (993, 2471), (1111, 2570), (1142, 2603), (1146, 2606), (1172, 2642), (1187, 2660), (1358, 2843), (1425, 2894),

Gene: KidneyBean_24 Start: 12917, Stop: 14644, Start Num: 153
Candidate Starts for KidneyBean_24:
(30, 12683), (Start: 72 @12812 has 7 MA's), (Start: 153 @12917 has 15 MA's), (Start: 317 @13067 has 15 MA's), (351, 13118), (353, 13124), (379, 13163), (Start: 403 @13193 has 1 MA's), (414, 13217), (424, 13235), (437, 13262), (464, 13325), (621, 13628), (635, 13655), (691, 13739), (740, 13823), (748, 13835), (768, 13868), (824, 13946), (883, 14024), (983, 14096), (1007, 14129), (1054, 14192), (1080, 14219), (1104, 14243), (1117, 14267), (1196, 14366), (1237, 14414), (1365, 14552), (1387, 14582), (1445, 14636),

Gene: Kieran_3 Start: 938, Stop: 2563, Start Num: 220
Candidate Starts for Kieran_3:
(4, 410), (Start: 220 @938 has 6 MA's), (Start: 225 @944 has 84 MA's), (339, 1100), (422, 1190), (431, 1208), (459, 1223), (490, 1292), (503, 1316), (518, 1334), (569, 1391), (594, 1442), (595, 1445), (620, 1505), (630, 1526), (643, 1553), (662, 1583), (921, 1922), (1015, 2045), (1296, 2360), (1328, 2399), (1447, 2516),

Gene: Kihatsu_7 Start: 2288, Stop: 3994, Start Num: 209
Candidate Starts for Kihatsu_7:
(Start: 155 @2231 has 202 MA's), (Start: 190 @2267 has 1 MA's), (Start: 209 @2288 has 22 MA's), (Start: 295 @2411 has 6 MA's), (Start: 309 @2432 has 15 MA's), (Start: 317 @2447 has 15 MA's), (339, 2480), (399, 2525), (402, 2528), (422, 2570), (431, 2588), (434, 2591), (474, 2633), (518, 2714), (520, 2717), (569, 2771), (620, 2885), (665, 2966), (703, 3032), (708, 3041), (803, 3203), (852, 3269), (865, 3284), (973, 3455), (1020, 3512), (1061, 3554), (1100, 3587), (1126, 3626), (1177, 3668), (1290,

3767), (1305, 3785), (1307, 3788), (1313, 3794), (1364, 3857), (1464, 3983),

Gene: KikiBouba_13 Start: 7560, Stop: 9248, Start Num: 102
Candidate Starts for KikiBouba_13:
(Start: 102 @7560 has 400 MA's), (Start: 309 @7740 has 15 MA's), (381, 7824), (408, 7860), (424, 7887), (513, 8010), (535, 8043), (581, 8118), (620, 8208), (631, 8232), (647, 8259), (679, 8307), (728, 8376), (767, 8451), (774, 8463), (778, 8472), (809, 8523), (1001, 8748), (1009, 8757), (1021, 8769), (1080, 8811), (1100, 8832), (1117, 8859), (1193, 8967), (1279, 9057), (1365, 9162),

Gene: Kiko_2 Start: 407, Stop: 2017, Start Num: 185
Candidate Starts for Kiko_2:
(Start: 185 @407 has 14 MA's), (339, 593), (465, 728), (487, 776), (532, 848), (620, 1001), (648, 1043), (675, 1073), (723, 1136), (745, 1187), (794, 1259), (803, 1268), (804, 1271), (813, 1289), (843, 1319), (912, 1394), (973, 1481), (1002, 1514), (1055, 1559), (1107, 1601), (1158, 1670), (1172, 1679), (1187, 1697), (1263, 1769), (1297, 1805), (1334, 1847), (1353, 1868), (1358, 1874),

Gene: KilKor_2 Start: 400, Stop: 2076, Start Num: 138
Candidate Starts for KilKor_2:
(Start: 138 @400 has 120 MA's), (Start: 318 @616 has 1 MA's), (349, 655), (380, 712), (384, 718), (396, 736), (421, 781), (426, 793), (431, 802), (444, 808), (483, 865), (490, 886), (495, 898), (558, 988), (659, 1177), (745, 1273), (766, 1303), (778, 1324), (902, 1465), (919, 1477), (959, 1522), (1107, 1675), (1112, 1684), (1139, 1711), (1172, 1753), (1187, 1771), (1278, 1855), (1290, 1870), (1463, 2059),

Gene: KillerTomato_3 Start: 1125, Stop: 2585, Start Num: 250
Candidate Starts for KillerTomato_3:
(Start: 250 @1125 has 144 MA's), (Start: 254 @1131 has 2 MA's), (358, 1293), (363, 1302), (399, 1362), (444, 1431), (465, 1452), (488, 1503), (619, 1707), (755, 1842), (806, 1920), (817, 1935), (842, 1971), (880, 2013), (911, 2046), (926, 2064), (1015, 2184), (1020, 2187), (1039, 2199), (1113, 2274), (1172, 2337), (1187, 2355), (1190, 2358), (1330, 2520), (1344, 2538), (1372, 2577),

Gene: Killigrew_9 Start: 6454, Stop: 8142, Start Num: 102
Candidate Starts for Killigrew_9:
(Start: 102 @6454 has 400 MA's), (381, 6718), (402, 6742), (513, 6904), (535, 6937), (581, 7012), (620, 7102), (631, 7126), (647, 7153), (679, 7201), (767, 7345), (774, 7357), (809, 7417), (1001, 7642), (1009, 7651), (1021, 7663), (1080, 7705), (1100, 7726), (1117, 7753), (1193, 7861), (1279, 7951), (1365, 8056),

Gene: Kimba_12 Start: 8076, Stop: 9839, Start Num: 103
Candidate Starts for Kimba_12:
(42, 7956), (Start: 103 @8076 has 236 MA's), (Start: 121 @8097 has 5 MA's), (Start: 217 @8184 has 1 MA's), (298, 8313), (314, 8337), (362, 8400), (487, 8544), (512, 8595), (513, 8598), (581, 8709), (593, 8733), (594, 8736), (620, 8799), (623, 8808), (631, 8823), (704, 8940), (722, 8955), (751, 9015), (803, 9099), (992, 9327), (999, 9339), (1064, 9387), (1080, 9402), (1113, 9441), (1129, 9462), (1155, 9501), (1182, 9546), (1193, 9558), (1405, 9795), (1433, 9822),

Gene: Kimchi_10 Start: 2509, Stop: 4179, Start Num: 394
Candidate Starts for Kimchi_10:
(Start: 394 @2509 has 48 MA's), (427, 2572), (551, 2806), (598, 2908), (693, 3088), (710, 3112), (724, 3130), (732, 3142), (768, 3205), (776, 3217), (808, 3262), (815, 3277), (873, 3355), (911, 3400), (934, 3454), (935, 3460), (1000, 3574), (1037, 3622), (1104, 3718), (1116, 3739), (1124, 3754), (1218, 3907), (1232, 3919), (1279, 3976), (1307, 4012), (1346, 4063), (1372, 4099), (1374, 4102), (1438, 4168),

Gene: Kimchi1738_12 Start: 6780, Stop: 8363, Start Num: 237
Candidate Starts for Kimchi1738_12:
(37, 6516), (48, 6552), (Start: 237 @6780 has 1 MA's), (Start: 303 @6834 has 2 MA's), (360, 6924), (372, 6948), (402, 6990), (Start: 403 @6993 has 1 MA's), (414, 7017), (473, 7092), (475, 7095), (496, 7137), (510, 7164), (520, 7182), (535, 7209), (545, 7227), (546, 7230), (581, 7284), (621, 7368), (622, 7371), (633, 7392), (647, 7413), (694, 7485), (717, 7515), (740, 7566), (801, 7647), (985, 7842), (992, 7851), (1088, 7944), (1113, 7971), (1117, 7980), (1203, 8091), (1258, 8154), (1365, 8265), (1372, 8274), (1450, 8355),

Gene: Kimona_8 Start: 4308, Stop: 6005, Start Num: 102
Candidate Starts for Kimona_8:
(Start: 102 @4308 has 400 MA's), (222, 4419), (381, 4578), (512, 4761), (513, 4764), (523, 4779), (538, 4803), (581, 4872), (593, 4896), (620, 4962), (623, 4971), (690, 5079), (774, 5217), (923, 5403), (999, 5502), (1080, 5568), (1088, 5580), (1113, 5607), (1129, 5628), (1182, 5712), (1193, 5724), (1241, 5778), (1402, 5958), (1405, 5961), (1435, 5991), (1438, 5994),

Gene: Kinbote_5 Start: 1855, Stop: 3489, Start Num: 102
Candidate Starts for Kinbote_5:
(Start: 102 @1855 has 400 MA's), (Start: 153 @1894 has 15 MA's), (Start: 208 @1942 has 5 MA's), (342, 2113), (396, 2152), (512, 2332), (516, 2341), (522, 2350), (566, 2413), (570, 2419), (605, 2503), (606, 2506), (607, 2509), (675, 2605), (677, 2608), (680, 2617), (745, 2683), (766, 2713), (785, 2740), (807, 2773), (820, 2794), (822, 2797), (919, 2893), (946, 2914), (1002, 3004), (1051, 3046), (1074, 3064), (1078, 3070), (1146, 3133), (1149, 3139), (1150, 3142), (1187, 3187), (1191, 3193), (1213, 3220), (1226, 3235), (1290, 3286), (1297, 3295), (1309, 3310), (1317, 3313), (1346, 3352), (1358, 3367), (1371, 3382), (1374, 3385), (1460, 3463), (1462, 3469),

Gene: KingBob_2 Start: 428, Stop: 1993, Start Num: 165
Candidate Starts for KingBob_2:
(Start: 165 @428 has 76 MA's), (Start: 307 @599 has 198 MA's), (Start: 397 @692 has 4 MA's), (Start: 403 @701 has 1 MA's), (419, 734), (426, 749), (431, 758), (463, 782), (488, 836), (559, 947), (593, 1013), (595, 1019), (620, 1079), (650, 1139), (672, 1169), (790, 1268), (936, 1442), (941, 1451), (961, 1487), (964, 1493), (985, 1529), (1015, 1565), (1048, 1598), (1085, 1637), (1100, 1643), (1235, 1784), (1328, 1859), (1404, 1940), (1451, 1979),

Gene: KingCyrus_14 Start: 7824, Stop: 9611, Start Num: 103
Candidate Starts for KingCyrus_14:
(Start: 103 @7824 has 236 MA's), (Start: 217 @7932 has 1 MA's), (234, 7953), (298, 8061), (512, 8343), (513, 8346), (581, 8454), (620, 8544), (631, 8568), (704, 8685), (722, 8700), (916, 9000), (1088, 9186), (1113, 9213), (1129, 9234), (1193, 9330), (1405, 9567), (1435, 9597),

Gene: KingJulian_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for KingJulian_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: KingMidas_2 Start: 571, Stop: 2208, Start Num: 155

Candidate Starts for KingMidas_2:
(Start: 155 @571 has 202 MA's), (163, 580), (Start: 176 @595 has 3 MA's), (Start: 247 @652 has 171 MA's), (Start: 250 @655 has 144 MA's), (Start: 318 @718 has 1 MA's), (353, 757), (412, 844), (454, 904), (473, 916), (484, 928), (487, 937), (488, 940), (496, 961), (508, 982), (548, 1054), (575, 1093), (602, 1162), (604, 1168), (621, 1198), (622, 1201), (627, 1210), (635, 1225), (647, 1243), (680, 1294), (736, 1387), (740, 1396), (862, 1567), (874, 1579), (983, 1663), (1005, 1693), (1007, 1696), (1010, 1699), (1080, 1756), (1097, 1771), (1101, 1777), (1104, 1780), (1113, 1795), (1117, 1804), (1164, 1873), (1190, 1903), (1196, 1912), (1225, 1945), (1250, 1978), (1265, 2005), (1297, 2038), (1325, 2068), (1349, 2089), (1365, 2113), (1372, 2122), (1374, 2125), (1429, 2182),

Gene: KingPhillip3_30 Start: 13077, Stop: 14588, Start Num: 184
Candidate Starts for KingPhillip3_30:
(Start: 181 @13074 has 17 MA's), (Start: 184 @13077 has 14 MA's), (Start: 322 @13257 has 1 MA's), (381, 13350), (424, 13425), (451, 13458), (474, 13485), (487, 13515), (591, 13668), (594, 13674), (607, 13710), (611, 13719), (675, 13800), (679, 13809), (680, 13812), (744, 13851), (788, 13908), (809, 13944), (810, 13947), (957, 14103), (962, 14112), (1025, 14181), (1042, 14190), (1046, 14196), (1080, 14229), (1112, 14265), (1187, 14352), (1203, 14373), (1277, 14436), (1283, 14439), (1286, 14442), (1299, 14460), (1317, 14481), (1353, 14523), (1386, 14559), (1415, 14571),

Gene: Kingmustik0402_11 Start: 6876, Stop: 8573, Start Num: 102
Candidate Starts for Kingmustik0402_11:
(Start: 102 @6876 has 400 MA's), (Start: 124 @6900 has 46 MA's), (Start: 251 @7023 has 3 MA's), (350, 7113), (381, 7146), (467, 7245), (512, 7329), (513, 7332), (538, 7371), (581, 7440), (593, 7464), (620, 7530), (675, 7620), (774, 7785), (825, 7872), (848, 7905), (923, 7971), (981, 8043), (983, 8046), (999, 8070), (1064, 8121), (1080, 8136), (1113, 8175), (1129, 8196), (1193, 8292), (1405, 8529), (1435, 8559), (1438, 8562),

Gene: Kingsolomon_5 Start: 1190, Stop: 2755, Start Num: 138
Candidate Starts for Kingsolomon_5:
(97, 1139), (Start: 105 @1148 has 85 MA's), (Start: 138 @1190 has 120 MA's), (Start: 142 @1196 has 6 MA's), (293, 1367), (Start: 317 @1397 has 15 MA's), (396, 1472), (402, 1478), (405, 1484), (506, 1640), (512, 1649), (513, 1652), (515, 1655), (566, 1730), (591, 1784), (593, 1787), (594, 1790), (766, 2021), (813, 2096), (827, 2117), (832, 2123), (900, 2192), (942, 2216), (954, 2234), (962, 2249), (1060, 2363), (1113, 2402), (1116, 2408), (1172, 2474), (1216, 2528), (1263, 2564), (1278, 2576), (1329, 2615), (1400, 2702), (1448, 2747), (1450, 2750),

Gene: Kinmap_11 Start: 7441, Stop: 9138, Start Num: 109
Candidate Starts for Kinmap_11:
(109, 7441), (118, 7453), (222, 7543), (234, 7558), (363, 7702), (513, 7897), (562, 7969), (581, 8008), (620, 8098), (631, 8122), (914, 8527), (999, 8638), (1088, 8713), (1115, 8743), (1193, 8857), (1219, 8884), (1405, 9094), (1433, 9121), (1435, 9124),

Gene: Kinny_8 Start: 3540, Stop: 5273, Start Num: 307
Candidate Starts for Kinny_8:
(Start: 307 @3540 has 198 MA's), (Start: 330 @3579 has 14 MA's), (354, 3615), (367, 3639), (493, 3876), (502, 3894), (516, 3924), (556, 4002), (572, 4023), (599, 4092), (644, 4194), (656, 4218), (693, 4275), (709, 4308), (750, 4380), (805, 4479), (820, 4509), (847, 4551), (892, 4608), (956, 4689), (1071, 4821), (1120, 4890), (1123, 4893), (1190, 4986), (1273, 5097), (1290, 5121), (1299, 5133), (1309, 5145), (1370, 5223), (1372, 5226),

Gene: Kipper29_15 Start: 7533, Stop: 9287, Start Num: 103
Candidate Starts for Kipper29_15:

(Start: 103 @7533 has 236 MA's), (298, 7764), (Start: 330 @7815 has 14 MA's), (362, 7851), (424, 7926), (513, 8049), (538, 8088), (581, 8157), (593, 8181), (594, 8184), (620, 8247), (631, 8271), (693, 8370), (696, 8373), (718, 8400), (722, 8403), (923, 8688), (992, 8775), (999, 8787), (1080, 8850), (1113, 8889), (1129, 8910), (1182, 8994), (1193, 9006), (1405, 9243), (1433, 9270), (1435, 9273),

Gene: KirDoubleO7_3 Start: 1202, Stop: 2767, Start Num: 138
Candidate Starts for KirDoubleO7_3:
(97, 1151), (Start: 105 @1160 has 85 MA's), (Start: 138 @1202 has 120 MA's), (Start: 142 @1208 has 6 MA's), (293, 1379), (396, 1484), (405, 1496), (506, 1652), (512, 1661), (513, 1664), (515, 1667), (566, 1742), (591, 1796), (593, 1799), (594, 1802), (762, 2024), (766, 2033), (813, 2108), (827, 2129), (832, 2135), (855, 2162), (900, 2204), (942, 2228), (954, 2246), (959, 2255), (962, 2261), (1060, 2375), (1113, 2414), (1116, 2420), (1172, 2486), (1216, 2540), (1263, 2576), (1278, 2588), (1329, 2627), (1400, 2714), (1448, 2759), (1450, 2762),

Gene: Kita_2 Start: 498, Stop: 2222, Start Num: 305
Candidate Starts for Kita_2:
(Start: 295 @483 has 6 MA's), (Start: 305 @498 has 33 MA's), (373, 588), (510, 828), (513, 834), (526, 858), (555, 915), (590, 987), (696, 1185), (728, 1227), (732, 1233), (782, 1317), (807, 1344), (885, 1455), (908, 1482), (1013, 1659), (1191, 1932), (1194, 1935), (1197, 1941), (1212, 1962), (1245, 2001), (1281, 2049), (1289, 2058), (1307, 2082), (1332, 2100), (1374, 2157), (1439, 2214),

Gene: KittenMittens_10 Start: 4782, Stop: 6473, Start Num: 102
Candidate Starts for KittenMittens_10:
(Start: 102 @4782 has 400 MA's), (Start: 124 @4806 has 46 MA's), (Start: 251 @4929 has 3 MA's), (320, 4998), (362, 5049), (381, 5061), (424, 5124), (490, 5202), (513, 5247), (538, 5286), (575, 5334), (581, 5355), (593, 5379), (620, 5430), (693, 5553), (782, 5700), (816, 5760), (848, 5805), (983, 5946), (1028, 6000), (1080, 6036), (1113, 6075), (1129, 6096), (1193, 6192), (1250, 6261), (1405, 6429), (1435, 6459), (1438, 6462),

Gene: Kittykat_2 Start: 426, Stop: 1991, Start Num: 165
Candidate Starts for Kittykat_2:
(Start: 165 @426 has 76 MA's), (Start: 397 @690 has 4 MA's), (402, 696), (424, 741), (431, 756), (444, 762), (463, 780), (593, 1011), (595, 1017), (620, 1077), (658, 1149), (770, 1236), (790, 1266), (803, 1281), (867, 1380), (936, 1440), (941, 1449), (983, 1524), (1009, 1557), (1020, 1566), (1046, 1593), (1105, 1647), (1133, 1689), (1212, 1755), (1232, 1779), (1328, 1857), (1451, 1977), (1458, 1986),

Gene: Klein_10 Start: 3688, Stop: 5220, Start Num: 233
Candidate Starts for Klein_10:
(159, 3604), (Start: 198 @3646 has 4 MA's), (Start: 205 @3655 has 1 MA's), (Start: 233 @3688 has 12 MA's), (331, 3802), (380, 3865), (Start: 403 @3898 has 1 MA's), (405, 3901), (424, 3940), (426, 3946), (484, 4021), (487, 4030), (566, 4132), (583, 4171), (599, 4204), (766, 4453), (808, 4516), (822, 4543), (960, 4702), (975, 4738), (993, 4759), (1005, 4768), (1015, 4777), (1082, 4831), (1112, 4855), (1181, 4936), (1349, 5089), (1358, 5101),

Gene: KleverKiS_14 Start: 4715, Stop: 6259, Start Num: 170
Candidate Starts for KleverKiS_14:
(Start: 170 @4715 has 103 MA's), (215, 4763), (331, 4904), (398, 4964), (487, 5102), (606, 5294), (776, 5504), (809, 5555), (863, 5627), (959, 5690), (970, 5714), (977, 5729), (1041, 5789), (1050, 5801), (1113, 5861), (1142, 5894), (1160, 5927), (1190, 5954), (1228, 6002), (1400, 6188), (1420, 6209),

Gene: Klodlith_12 Start: 6308, Stop: 8080, Start Num: 117
Candidate Starts for Klodlith_12:

(Start: 103 @6296 has 236 MA's), (Start: 117 @6308 has 10 MA's), (241, 6425), (298, 6524), (414, 6674), (424, 6686), (487, 6758), (513, 6812), (538, 6851), (581, 6923), (610, 6995), (620, 7013), (631, 7037), (704, 7154), (722, 7169), (778, 7277), (823, 7352), (898, 7448), (1006, 7589), (1064, 7628), (1113, 7682), (1115, 7685), (1129, 7703), (1163, 7757), (1182, 7787), (1193, 7799), (1279, 7889), (1295, 7907), (1405, 8036), (1433, 8063), (1435, 8066),

Gene: Koan_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Koan_11:
(28, 6707), (34, 6725), (38, 6755), (Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Koduck_13 Start: 6618, Stop: 8399, Start Num: 103
Candidate Starts for Koduck_13:
(29, 6459), (Start: 103 @6618 has 236 MA's), (Start: 251 @6762 has 3 MA's), (278, 6807), (298, 6849), (362, 6936), (411, 6990), (512, 7131), (513, 7134), (538, 7173), (581, 7242), (620, 7332), (631, 7356), (718, 7485), (722, 7488), (1113, 8001), (1115, 8004), (1129, 8022), (1182, 8106), (1193, 8118), (1405, 8355), (1433, 8382), (1435, 8385), (1438, 8388),

Gene: Koella_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for Koella_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 204 @617 has 1 MA's), (Start: 217 @629 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (454, 905), (473, 917), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (516, 998), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (736, 1388), (740, 1397), (862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1250, 1979), (1265, 2006), (1297, 2039), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: Kojax4_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for Kojax4_3:
(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (806, 1881), (817, 1896), (842, 1932), (880, 1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298), (1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: Koko_15 Start: 7533, Stop: 9287, Start Num: 103
Candidate Starts for Koko_15:
(Start: 103 @7533 has 236 MA's), (241, 7665), (298, 7764), (314, 7788), (Start: 330 @7815 has 14 MA's), (362, 7851), (424, 7926), (513, 8049), (523, 8064), (538, 8088), (581, 8157), (593, 8181), (594, 8184), (620, 8247), (631, 8271), (718, 8400), (722, 8403), (780, 8514), (914, 8676), (983, 8763), (992, 8775), (999, 8787), (1064, 8835), (1080, 8850), (1113, 8889), (1129, 8910), (1182, 8994), (1193, 9006), (1405, 9243), (1433, 9270), (1435, 9273),

Gene: Koreni_10 Start: 6533, Stop: 8230, Start Num: 102
Candidate Starts for Koreni_10:
(Start: 102 @6533 has 400 MA's), (Start: 124 @6557 has 46 MA's), (Start: 251 @6680 has 3 MA's), (350, 6770), (381, 6803), (467, 6902), (512, 6986), (513, 6989), (538, 7028), (581, 7097), (593, 7121), (620, 7187), (675, 7277), (774, 7442), (825, 7529), (848, 7562), (923, 7628), (981, 7700), (983, 7703),

(999, 7727), (1064, 7778), (1080, 7793), (1113, 7832), (1129, 7853), (1193, 7949), (1405, 8186), (1435, 8216), (1438, 8219),

Gene: Korra_5 Start: 3082, Stop: 4647, Start Num: 165
Candidate Starts for Korra_5:
(Start: 165 @3082 has 76 MA's), (Start: 333 @3292 has 4 MA's), (Start: 397 @3346 has 4 MA's), (426, 3403), (431, 3412), (584, 3652), (593, 3667), (595, 3673), (620, 3733), (650, 3793), (770, 3892), (790, 3922), (803, 3937), (852, 4018), (936, 4096), (941, 4105), (961, 4141), (983, 4180), (1009, 4213), (1020, 4222), (1046, 4249), (1105, 4303), (1133, 4345), (1197, 4390), (1212, 4411), (1232, 4435), (1328, 4513), (1451, 4633),

Gene: Krakatau_3 Start: 1235, Stop: 2872, Start Num: 155
Candidate Starts for Krakatau_3:
(Start: 155 @1235 has 202 MA's), (168, 1250), (Start: 176 @1259 has 3 MA's), (182, 1265), (Start: 217 @1292 has 1 MA's), (Start: 247 @1316 has 171 MA's), (Start: 250 @1319 has 144 MA's), (Start: 318 @1382 has 1 MA's), (Start: 330 @1400 has 14 MA's), (353, 1421), (412, 1508), (414, 1514), (454, 1568), (473, 1580), (484, 1592), (487, 1601), (488, 1604), (496, 1625), (508, 1646), (516, 1661), (548, 1718), (575, 1757), (602, 1826), (604, 1832), (621, 1862), (622, 1865), (627, 1874), (635, 1889), (647, 1907), (680, 1958), (740, 2060), (862, 2231), (874, 2243), (920, 2261), (983, 2327), (1005, 2357), (1007, 2360), (1010, 2363), (1080, 2420), (1097, 2435), (1101, 2441), (1104, 2444), (1113, 2459), (1117, 2468), (1164, 2537), (1190, 2567), (1196, 2576), (1225, 2609), (1250, 2642), (1265, 2669), (1297, 2702), (1320, 2729), (1325, 2732), (1349, 2753), (1365, 2777), (1372, 2786), (1374, 2789), (1429, 2846),

Gene: Kratark_11 Start: 6879, Stop: 8576, Start Num: 102
Candidate Starts for Kratark_11:
(Start: 102 @6879 has 400 MA's), (Start: 124 @6903 has 46 MA's), (Start: 251 @7026 has 3 MA's), (350, 7116), (381, 7149), (467, 7248), (512, 7332), (513, 7335), (538, 7374), (581, 7443), (593, 7467), (620, 7533), (675, 7623), (774, 7788), (825, 7875), (848, 7908), (923, 7974), (981, 8046), (983, 8049), (999, 8073), (1064, 8124), (1080, 8139), (1113, 8178), (1129, 8199), (1193, 8295), (1405, 8532), (1435, 8562), (1438, 8565),

Gene: Kratio_5 Start: 1088, Stop: 2515, Start Num: 262
Candidate Starts for Kratio_5:
(Start: 262 @1088 has 67 MA's), (310, 1145), (Start: 322 @1166 has 1 MA's), (Start: 336 @1190 has 12 MA's), (391, 1274), (402, 1283), (405, 1289), (425, 1331), (444, 1349), (463, 1367), (487, 1418), (505, 1457), (532, 1493), (591, 1571), (607, 1613), (611, 1622), (613, 1625), (675, 1703), (792, 1817), (820, 1865), (827, 1877), (851, 1907), (880, 1943), (903, 1970), (962, 2027), (1042, 2111), (1064, 2135), (1142, 2213), (1187, 2270), (1208, 2294), (1235, 2318), (1353, 2447), (1425, 2504),

Gene: Kraw_9 Start: 2465, Stop: 3910, Start Num: 247
Candidate Starts for Kraw_9:
(Start: 247 @2465 has 171 MA's), (Start: 336 @2570 has 12 MA's), (391, 2654), (402, 2663), (425, 2711), (434, 2726), (463, 2753), (487, 2804), (493, 2822), (517, 2852), (532, 2879), (591, 2957), (607, 2999), (611, 3008), (613, 3011), (675, 3089), (679, 3098), (742, 3137), (792, 3203), (820, 3251), (851, 3293), (962, 3410), (992, 3452), (1042, 3497), (1111, 3566), (1150, 3611), (1160, 3632), (1187, 3656), (1353, 3833), (1425, 3899), (1431, 3905),

Gene: Kremtemulon_11 Start: 6929, Stop: 8626, Start Num: 102
Candidate Starts for Kremtemulon_11:
(Start: 102 @6929 has 400 MA's), (Start: 124 @6953 has 46 MA's), (Start: 251 @7076 has 3 MA's), (350, 7166), (381, 7199), (467, 7298), (512, 7382), (513, 7385), (538, 7424), (581, 7493), (620, 7583), (675, 7673), (774, 7838), (825, 7925), (848, 7958), (981, 8096), (983, 8099), (999, 8123), (1080, 8189),

(1113, 8228), (1129, 8249), (1193, 8345), (1402, 8579), (1405, 8582), (1435, 8612), (1438, 8615),

Gene: Krili_30 Start: 13244, Stop: 14758, Start Num: 181
Candidate Starts for Krili_30:
(Start: 181 @13244 has 17 MA's), (Start: 184 @13247 has 14 MA's), (Start: 322 @13427 has 1 MA's), (381, 13520), (424, 13595), (451, 13628), (474, 13655), (487, 13685), (591, 13838), (594, 13844), (607, 13880), (611, 13889), (675, 13970), (679, 13979), (680, 13982), (744, 14021), (788, 14078), (809, 14114), (810, 14117), (957, 14273), (962, 14282), (1025, 14351), (1042, 14360), (1046, 14366), (1080, 14399), (1112, 14435), (1187, 14522), (1203, 14543), (1277, 14606), (1283, 14609), (1286, 14612), (1299, 14630), (1317, 14651), (1353, 14693), (1386, 14729), (1415, 14741),

Gene: Krishelle_8 Start: 3156, Stop: 4838, Start Num: 107
Candidate Starts for Krishelle_8:
(Start: 107 @3156 has 35 MA's), (Start: 309 @3342 has 15 MA's), (362, 3414), (381, 3426), (402, 3450), (408, 3462), (513, 3615), (523, 3630), (567, 3690), (620, 3798), (647, 3855), (770, 4053), (780, 4071), (812, 4125), (926, 4236), (956, 4269), (983, 4311), (1006, 4344), (1088, 4413), (1193, 4557), (1236, 4602), (1292, 4662), (1372, 4761), (1405, 4794), (1433, 4821), (1435, 4824), (1438, 4827),

Gene: KristaRAM_3 Start: 1235, Stop: 2872, Start Num: 155
Candidate Starts for KristaRAM_3:
(Start: 155 @1235 has 202 MA's), (168, 1250), (Start: 176 @1259 has 3 MA's), (182, 1265), (Start: 217 @1292 has 1 MA's), (Start: 247 @1316 has 171 MA's), (Start: 250 @1319 has 144 MA's), (Start: 318 @1382 has 1 MA's), (Start: 330 @1400 has 14 MA's), (353, 1421), (412, 1508), (414, 1514), (454, 1568), (484, 1592), (487, 1601), (488, 1604), (496, 1625), (508, 1646), (516, 1661), (548, 1718), (575, 1757), (602, 1826), (604, 1832), (621, 1862), (622, 1865), (627, 1874), (635, 1889), (647, 1907), (680, 1958), (740, 2060), (862, 2231), (874, 2243), (920, 2261), (983, 2327), (1005, 2357), (1007, 2360), (1010, 2363), (1080, 2420), (1097, 2435), (1101, 2441), (1104, 2444), (1113, 2459), (1117, 2468), (1164, 2537), (1190, 2567), (1196, 2576), (1225, 2609), (1250, 2642), (1265, 2669), (1297, 2702), (1320, 2729), (1325, 2732), (1349, 2753), (1365, 2777), (1372, 2786), (1374, 2789), (1429, 2846),

Gene: Kristoff_12 Start: 6880, Stop: 8556, Start Num: 102
Candidate Starts for Kristoff_12:
(Start: 102 @6880 has 400 MA's), (Start: 251 @7012 has 3 MA's), (381, 7144), (412, 7189), (490, 7285), (513, 7330), (538, 7369), (575, 7417), (581, 7438), (593, 7462), (620, 7513), (693, 7636), (774, 7768), (816, 7843), (848, 7888), (923, 7954), (983, 8029), (999, 8053), (1001, 8056), (1080, 8119), (1113, 8158), (1115, 8161), (1129, 8179), (1193, 8275), (1250, 8344), (1405, 8512), (1435, 8542), (1438, 8545),

Gene: Kromp_2 Start: 782, Stop: 2422, Start Num: 177
Candidate Starts for Kromp_2:
(Start: 177 @782 has 1 MA's), (224, 833), (312, 914), (408, 1049), (473, 1175), (513, 1262), (589, 1385), (593, 1394), (603, 1421), (615, 1436), (617, 1439), (636, 1478), (647, 1493), (675, 1532), (742, 1646), (765, 1679), (836, 1763), (926, 1829), (954, 1850), (956, 1853), (1104, 2027), (1115, 2045), (1198, 2123), (1217, 2147), (1221, 2153), (1330, 2285), (1365, 2327), (1368, 2330), (1435, 2408), (1440, 2414),

Gene: Kropertea_4 Start: 765, Stop: 2327, Start Num: 138
Candidate Starts for Kropertea_4:
(Start: 138 @765 has 120 MA's), (Start: 142 @771 has 6 MA's), (Start: 284 @921 has 1 MA's), (Start: 333 @987 has 4 MA's), (357, 1017), (405, 1053), (407, 1056), (426, 1098), (515, 1224), (611, 1407), (675, 1482), (776, 1608), (791, 1629), (807, 1653), (809, 1659), (827, 1689), (832, 1695), (863, 1731), (900, 1764), (942, 1788), (962, 1821), (1009, 1887), (1060, 1935), (1071, 1944), (1104, 1959), (1116, 1980), (1172, 2046), (1278, 2148), (1394, 2268), (1400, 2274), (1420, 2295), (1448, 2319),

Gene: Krueger_7 Start: 1519, Stop: 2946, Start Num: 247
Candidate Starts for Krueger_7:
(Start: 247 @1519 has 171 MA's), (Start: 322 @1609 has 1 MA's), (Start: 336 @1633 has 12 MA's), (342, 1639), (391, 1717), (402, 1726), (425, 1774), (444, 1792), (487, 1861), (505, 1900), (517, 1909), (532, 1936), (533, 1939), (591, 2014), (607, 2056), (611, 2065), (675, 2146), (742, 2194), (792, 2260), (816, 2302), (820, 2308), (827, 2320), (834, 2326), (851, 2350), (870, 2374), (875, 2380), (893, 2401), (962, 2470), (993, 2512), (1107, 2605), (1111, 2611), (1112, 2614), (1146, 2647), (1160, 2677), (1187, 2701), (1235, 2749), (1353, 2878), (1425, 2935), (1431, 2941),

Gene: Krypton555_5 Start: 1185, Stop: 2750, Start Num: 138
Candidate Starts for Krypton555_5:
(Start: 138 @1185 has 120 MA's), (Start: 142 @1191 has 6 MA's), (293, 1362), (396, 1467), (405, 1479), (506, 1635), (512, 1644), (513, 1647), (515, 1650), (566, 1725), (591, 1779), (593, 1782), (594, 1785), (766, 2016), (827, 2112), (832, 2118), (900, 2187), (942, 2211), (954, 2229), (962, 2244), (977, 2277), (1060, 2358), (1113, 2397), (1116, 2403), (1172, 2469), (1216, 2523), (1263, 2559), (1278, 2571), (1329, 2610), (1400, 2697), (1448, 2742), (1450, 2745),

Gene: Ksquared_2 Start: 413, Stop: 2089, Start Num: 138
Candidate Starts for Ksquared_2:
(Start: 138 @413 has 120 MA's), (Start: 318 @629 has 1 MA's), (349, 668), (380, 725), (384, 731), (396, 749), (421, 794), (426, 806), (431, 815), (444, 821), (483, 878), (490, 899), (495, 911), (558, 1001), (659, 1190), (745, 1286), (766, 1316), (778, 1337), (902, 1478), (919, 1490), (959, 1535), (1107, 1688), (1112, 1697), (1139, 1724), (1172, 1766), (1187, 1784), (1278, 1868), (1290, 1883), (1463, 2072),

Gene: Kubed_2 Start: 378, Stop: 1889, Start Num: 228
Candidate Starts for Kubed_2:
(Start: 228 @378 has 40 MA's), (Start: 238 @390 has 22 MA's), (Start: 262 @417 has 67 MA's), (274, 435), (Start: 297 @462 has 6 MA's), (314, 480), (Start: 333 @507 has 4 MA's), (334, 510), (Start: 393 @558 has 3 MA's), (Start: 400 @567 has 2 MA's), (405, 573), (419, 603), (424, 612), (426, 618), (465, 651), (474, 669), (485, 693), (487, 699), (506, 738), (512, 747), (513, 750), (533, 789), (535, 792), (572, 861), (591, 906), (593, 909), (602, 930), (607, 945), (611, 954), (664, 1041), (667, 1044), (669, 1047), (674, 1053), (745, 1134), (776, 1179), (797, 1206), (809, 1227), (855, 1293), (922, 1326), (973, 1398), (1054, 1476), (1075, 1497), (1079, 1503), (1112, 1530), (1130, 1551), (1131, 1554), (1143, 1569), (1160, 1599), (1172, 1605), (1184, 1620), (1190, 1626), (1224, 1668), (1278, 1704), (1280, 1707), (1290, 1719), (1299, 1731), (1366, 1797), (1373, 1806), (1378, 1812), (1394, 1833), (1433, 1875), (1443, 1881),

Gene: Kudefre_12 Start: 4947, Stop: 6422, Start Num: 230
Candidate Starts for Kudefre_12:
(Start: 230 @4947 has 31 MA's), (342, 5094), (396, 5133), (405, 5145), (485, 5268), (537, 5355), (568, 5412), (595, 5469), (611, 5511), (618, 5523), (637, 5547), (651, 5571), (690, 5613), (832, 5793), (876, 5835), (956, 5916), (977, 5961), (997, 5985), (1047, 6030), (1116, 6090), (1174, 6153), (1178, 6159), (1256, 6231), (1278, 6249), (1293, 6267), (1387, 6366), (1403, 6384), (1431, 6414),

Gene: Kugel_12 Start: 7046, Stop: 8737, Start Num: 102
Candidate Starts for Kugel_12:
(Start: 102 @7046 has 400 MA's), (381, 7310), (414, 7361), (513, 7496), (581, 7607), (593, 7631), (620, 7697), (631, 7721), (735, 7889), (808, 8009), (809, 8012), (983, 8210), (1001, 8237), (1086, 8309), (1100, 8321), (1115, 8342), (1155, 8399), (1193, 8456), (1279, 8546), (1281, 8549), (1372, 8660), (1374, 8663), (1405, 8693), (1435, 8723), (1438, 8726),

Gene: Kuleana_3 Start: 777, Stop: 2342, Start Num: 247
Candidate Starts for Kuleana_3:
(Start: 165 @690 has 76 MA's), (Start: 171 @696 has 16 MA's), (Start: 247 @777 has 171 MA's), (310, 864), (Start: 317 @876 has 15 MA's), (334, 900), (399, 954), (405, 963), (422, 999), (431, 1017), (569, 1200), (594, 1251), (598, 1263), (620, 1314), (625, 1326), (628, 1332), (650, 1374), (665, 1395), (677, 1410), (713, 1467), (961, 1782), (1003, 1848), (1048, 1893), (1096, 1932), (1102, 1941), (1105, 1944), (1117, 1965), (1148, 2004), (1151, 2010), (1153, 2013), (1274, 2142), (1361, 2247), (1364, 2250), (1385, 2277), (1387, 2280), (1397, 2292), (1406, 2301), (1447, 2328), (1449, 2331), (1451, 2334),

Gene: Kumao_13 Start: 4256, Stop: 5845, Start Num: 148
Candidate Starts for Kumao_13:
(Start: 148 @4256 has 26 MA's), (264, 4373), (340, 4472), (343, 4475), (458, 4610), (487, 4676), (512, 4715), (518, 4727), (572, 4787), (593, 4832), (606, 4868), (607, 4871), (611, 4880), (776, 5078), (803, 5111), (850, 5183), (876, 5204), (959, 5297), (962, 5303), (1041, 5396), (1047, 5405), (1113, 5462), (1116, 5468), (1139, 5492), (1190, 5555), (1213, 5585), (1278, 5636), (1357, 5723), (1394, 5768), (1400, 5774), (1418, 5792),

Gene: Kumotta_3 Start: 1020, Stop: 2465, Start Num: 258
Candidate Starts for Kumotta_3:
(Start: 258 @1020 has 2 MA's), (345, 1125), (Start: 397 @1203 has 4 MA's), (402, 1209), (607, 1545), (611, 1554), (618, 1566), (640, 1596), (641, 1599), (675, 1635), (785, 1755), (804, 1782), (820, 1812), (949, 1941), (959, 1962), (962, 1968), (967, 1974), (971, 1980), (981, 1998), (1112, 2118), (1138, 2145), (1199, 2208), (1220, 2238), (1283, 2292), (1299, 2313), (1425, 2454),

Gene: Kureo_17 Start: 7948, Stop: 9732, Start Num: 307
Candidate Starts for Kureo_17:
(Start: 303 @7942 has 2 MA's), (Start: 307 @7948 has 198 MA's), (367, 8047), (493, 8296), (516, 8344), (556, 8422), (572, 8443), (599, 8512), (644, 8614), (675, 8659), (680, 8671), (709, 8728), (750, 8800), (805, 8899), (837, 8956), (847, 8971), (892, 9028), (950, 9097), (956, 9109), (1009, 9202), (1053, 9262), (1071, 9280), (1076, 9286), (1120, 9349), (1123, 9352), (1150, 9391), (1244, 9523), (1273, 9556), (1290, 9580), (1299, 9592), (1315, 9610), (1370, 9682), (1372, 9685),

Gene: Kurt_24 Start: 13154, Stop: 14881, Start Num: 153
Candidate Starts for Kurt_24:
(30, 12920), (Start: 72 @13049 has 7 MA's), (Start: 153 @13154 has 15 MA's), (Start: 317 @13304 has 15 MA's), (351, 13355), (353, 13361), (379, 13400), (Start: 403 @13430 has 1 MA's), (414, 13454), (424, 13472), (437, 13499), (464, 13562), (473, 13580), (621, 13865), (635, 13892), (691, 13976), (740, 14060), (748, 14072), (768, 14105), (824, 14183), (883, 14261), (983, 14333), (1007, 14366), (1054, 14429), (1080, 14456), (1104, 14480), (1117, 14504), (1196, 14603), (1237, 14651), (1365, 14789), (1387, 14819), (1445, 14873),

Gene: Kuwabara_2 Start: 486, Stop: 2147, Start Num: 170
Candidate Starts for Kuwabara_2:
(56, 324), (Start: 71 @357 has 4 MA's), (74, 360), (Start: 110 @411 has 24 MA's), (116, 420), (Start: 141 @453 has 2 MA's), (Start: 170 @486 has 103 MA's), (Start: 232 @537 has 1 MA's), (241, 549), (260, 576), (354, 666), (362, 681), (Start: 403 @720 has 1 MA's), (415, 747), (424, 756), (425, 759), (467, 792), (490, 843), (509, 879), (510, 882), (513, 888), (523, 903), (525, 906), (548, 942), (581, 996), (603, 1047), (620, 1071), (675, 1158), (712, 1218), (735, 1263), (760, 1299), (781, 1341), (810, 1395), (825, 1419), (842, 1443), (890, 1503), (921, 1509), (969, 1572), (999, 1626), (1015, 1644), (1080, 1701), (1088, 1713), (1113, 1740), (1165, 1821), (1188, 1851), (1226, 1890), (1247, 1914), (1292, 1962), (1295, 1965), (1372, 2058), (1374, 2061), (1387, 2079), (1400, 2088), (1416, 2100), (1456, 2136),

Gene: KyMonks1A_13 Start: 7323, Stop: 9011, Start Num: 102
Candidate Starts for KyMonks1A_13:
(Start: 102 @7323 has 400 MA's), (Start: 309 @7503 has 15 MA's), (381, 7587), (408, 7623), (424, 7650), (513, 7773), (581, 7881), (620, 7971), (631, 7995), (647, 8022), (679, 8070), (774, 8226), (809, 8286), (1001, 8511), (1009, 8520), (1021, 8532), (1080, 8574), (1100, 8595), (1117, 8622), (1193, 8730), (1279, 8820), (1365, 8925),

Gene: Kyee_11 Start: 6885, Stop: 8582, Start Num: 102
Candidate Starts for Kyee_11:
(28, 6708), (34, 6726), (38, 6756), (Start: 102 @6885 has 400 MA's), (Start: 124 @6909 has 46 MA's), (Start: 251 @7032 has 3 MA's), (350, 7122), (381, 7155), (467, 7254), (512, 7338), (513, 7341), (538, 7380), (581, 7449), (593, 7473), (620, 7539), (675, 7629), (774, 7794), (825, 7881), (848, 7914), (923, 7980), (981, 8052), (983, 8055), (999, 8079), (1064, 8130), (1080, 8145), (1113, 8184), (1129, 8205), (1193, 8301), (1405, 8538), (1435, 8568), (1438, 8571),

Gene: Kykar_9 Start: 6543, Stop: 8234, Start Num: 102
Candidate Starts for Kykar_9:
(Start: 102 @6543 has 400 MA's), (Start: 309 @6723 has 15 MA's), (381, 6807), (414, 6858), (513, 6993), (581, 7104), (593, 7128), (620, 7194), (631, 7218), (735, 7386), (808, 7506), (809, 7509), (983, 7707), (1001, 7734), (1086, 7806), (1100, 7818), (1115, 7839), (1155, 7896), (1193, 7953), (1279, 8043), (1281, 8046), (1372, 8157), (1374, 8160), (1405, 8190), (1435, 8220), (1438, 8223),

Gene: KylieMac_5 Start: 787, Stop: 2277, Start Num: 202
Candidate Starts for KylieMac_5:
(Start: 202 @787 has 39 MA's), (245, 832), (Start: 318 @934 has 1 MA's), (Start: 336 @961 has 12 MA's), (Start: 397 @1012 has 4 MA's), (405, 1024), (419, 1054), (425, 1066), (434, 1081), (485, 1147), (513, 1192), (577, 1279), (585, 1303), (586, 1306), (588, 1309), (607, 1354), (620, 1378), (631, 1387), (677, 1453), (725, 1516), (745, 1528), (776, 1570), (789, 1588), (827, 1648), (886, 1705), (902, 1717), (922, 1741), (946, 1759), (987, 1837), (1047, 1891), (1112, 1945), (1121, 1957), (1127, 1966), (1201, 2041), (1206, 2050), (1228, 2077), (1299, 2134), (1346, 2188), (1406, 2260),

Gene: KyriosFaba_3 Start: 1074, Stop: 2534, Start Num: 250
Candidate Starts for KyriosFaba_3:
(Start: 250 @1074 has 144 MA's), (Start: 254 @1080 has 2 MA's), (358, 1242), (363, 1251), (399, 1311), (444, 1380), (465, 1401), (488, 1452), (619, 1656), (806, 1869), (817, 1884), (842, 1920), (880, 1962), (911, 1995), (926, 2013), (1015, 2133), (1020, 2136), (1039, 2148), (1113, 2223), (1172, 2286), (1187, 2304), (1190, 2307), (1330, 2469), (1337, 2478), (1344, 2487), (1372, 2526),

Gene: L5_13 Start: 6626, Stop: 8407, Start Num: 103
Candidate Starts for L5_13:
(29, 6467), (Start: 103 @6626 has 236 MA's), (Start: 251 @6770 has 3 MA's), (278, 6815), (298, 6857), (362, 6944), (411, 6998), (512, 7139), (513, 7142), (538, 7181), (581, 7250), (620, 7340), (631, 7364), (718, 7493), (722, 7496), (1113, 8009), (1115, 8012), (1129, 8030), (1182, 8114), (1193, 8126), (1405, 8363), (1433, 8390), (1435, 8393), (1438, 8396),

Gene: LBerry_13 Start: 6957, Stop: 8657, Start Num: 105
Candidate Starts for LBerry_13:
(Start: 105 @6957 has 85 MA's), (Start: 145 @7005 has 1 MA's), (302, 7140), (467, 7332), (513, 7419), (620, 7617), (675, 7707), (718, 7770), (809, 7932), (983, 8130), (999, 8154), (1001, 8157), (1080, 8220), (1100, 8241), (1129, 8280), (1193, 8376), (1241, 8430), (1279, 8466), (1405, 8613), (1435, 8643), (1438, 8646),

Gene: LHTSCC_11 Start: 6861, Stop: 8558, Start Num: 102

Candidate Starts for LHTSCC_11:
(Start: 102 @6861 has 400 MA's), (Start: 124 @6885 has 46 MA's), (Start: 251 @7008 has 3 MA's), (350, 7098), (381, 7131), (512, 7314), (513, 7317), (538, 7356), (581, 7425), (593, 7449), (620, 7515), (675, 7605), (774, 7770), (825, 7857), (848, 7890), (923, 7956), (981, 8028), (999, 8055), (1064, 8106), (1080, 8121), (1113, 8160), (1129, 8181), (1193, 8277), (1405, 8514), (1435, 8544), (1438, 8547),

Gene: LadyAstra_2 Start: 553, Stop: 2268, Start Num: 95
Candidate Starts for LadyAstra_2:
(Start: 95 @553 has 98 MA's), (Start: 232 @652 has 1 MA's), (477, 925), (504, 976), (513, 994), (546, 1042), (552, 1054), (595, 1135), (693, 1309), (746, 1396), (851, 1522), (1001, 1711), (1088, 1795), (1193, 1939), (1209, 1954), (1292, 2083), (1381, 2191), (1442, 2254),

Gene: LadyBird_12 Start: 7410, Stop: 9197, Start Num: 103
Candidate Starts for LadyBird_12:
(Start: 103 @7410 has 236 MA's), (Start: 217 @7518 has 1 MA's), (234, 7539), (298, 7647), (314, 7671), (512, 7929), (513, 7932), (581, 8040), (620, 8130), (631, 8154), (704, 8271), (722, 8286), (916, 8586), (1088, 8772), (1113, 8799), (1129, 8820), (1193, 8916), (1405, 9153), (1433, 9180), (1435, 9183),

Gene: Lahqtemish_3 Start: 769, Stop: 2394, Start Num: 225
Candidate Starts for Lahqtemish_3:
(Start: 225 @769 has 84 MA's), (339, 925), (431, 1033), (490, 1117), (520, 1162), (594, 1267), (620, 1330), (630, 1351), (662, 1408), (916, 1744), (1020, 1876), (1117, 1978), (1328, 2227), (1369, 2275), (1447, 2344),

Gene: Laila_5 Start: 800, Stop: 2290, Start Num: 202
Candidate Starts for Laila_5:
(Start: 202 @800 has 39 MA's), (245, 845), (Start: 318 @947 has 1 MA's), (Start: 336 @974 has 12 MA's), (Start: 397 @1025 has 4 MA's), (405, 1037), (419, 1067), (425, 1079), (434, 1094), (485, 1160), (513, 1205), (577, 1292), (585, 1316), (586, 1319), (588, 1322), (607, 1367), (620, 1391), (631, 1400), (677, 1466), (725, 1529), (745, 1541), (776, 1583), (789, 1601), (827, 1661), (886, 1718), (902, 1730), (922, 1754), (946, 1772), (987, 1850), (1047, 1904), (1112, 1958), (1121, 1970), (1127, 1979), (1201, 2054), (1206, 2063), (1228, 2090), (1299, 2147), (1346, 2201), (1406, 2273),

Gene: Lakshmi_5 Start: 3282, Stop: 4673, Start Num: 309
Candidate Starts for Lakshmi_5:
(Start: 165 @3108 has 76 MA's), (Start: 309 @3282 has 15 MA's), (Start: 317 @3297 has 15 MA's), (Start: 333 @3318 has 4 MA's), (Start: 397 @3372 has 4 MA's), (Start: 403 @3381 has 1 MA's), (419, 3414), (431, 3438), (584, 3678), (593, 3693), (595, 3699), (620, 3759), (650, 3819), (770, 3918), (790, 3948), (803, 3963), (827, 4011), (852, 4044), (941, 4131), (983, 4206), (1046, 4275), (1117, 4350), (1133, 4371), (1176, 4392), (1232, 4461), (1286, 4488), (1328, 4539), (1361, 4578), (1393, 4608), (1404, 4620), (1451, 4659), (1458, 4668),

Gene: Lamberg_2 Start: 318, Stop: 1889, Start Num: 151
Candidate Starts for Lamberg_2:
(Start: 151 @318 has 55 MA's), (Start: 318 @504 has 1 MA's), (342, 537), (421, 621), (425, 630), (465, 666), (491, 726), (566, 816), (568, 819), (607, 912), (620, 936), (648, 978), (689, 1032), (723, 1071), (778, 1137), (789, 1149), (808, 1179), (840, 1212), (919, 1293), (959, 1338), (962, 1344), (971, 1365), (1054, 1455), (1109, 1500), (1112, 1506), (1142, 1536), (1146, 1539), (1187, 1593), (1216, 1629), (1280, 1680), (1331, 1740), (1334, 1743), (1371, 1785), (1461, 1872),

Gene: Lambert1_12 Start: 7044, Stop: 8741, Start Num: 102
Candidate Starts for Lambert1_12:

(Start: 102 @7044 has 400 MA's), (Start: 124 @7068 has 46 MA's), (381, 7314), (508, 7488), (513, 7500), (538, 7539), (550, 7551), (581, 7608), (593, 7632), (620, 7698), (623, 7707), (675, 7788), (693, 7821), (774, 7953), (780, 7965), (812, 8019), (825, 8040), (848, 8073), (914, 8127), (983, 8214), (999, 8238), (1001, 8241), (1006, 8247), (1015, 8256), (1080, 8304), (1113, 8343), (1115, 8346), (1129, 8364), (1193, 8460), (1241, 8514), (1374, 8667), (1405, 8697), (1435, 8727), (1438, 8730),

Gene: Lamina13_11 Start: 6599, Stop: 8287, Start Num: 102
Candidate Starts for Lamina13_11:
(Start: 102 @6599 has 400 MA's), (Start: 309 @6779 has 15 MA's), (381, 6863), (402, 6887), (513, 7049), (535, 7082), (581, 7157), (620, 7247), (631, 7271), (647, 7298), (679, 7346), (774, 7502), (778, 7511), (809, 7562), (1009, 7796), (1021, 7808), (1080, 7850), (1100, 7871), (1117, 7898), (1193, 8006), (1279, 8096), (1365, 8201),

Gene: Landor_13 Start: 9202, Stop: 10980, Start Num: 103
Candidate Starts for Landor_13:
(Start: 103 @9202 has 236 MA's), (Start: 121 @9220 has 5 MA's), (241, 9331), (Start: 251 @9343 has 3 MA's), (275, 9385), (281, 9397), (282, 9406), (298, 9430), (362, 9517), (512, 9712), (513, 9715), (538, 9754), (581, 9823), (620, 9913), (631, 9937), (693, 10036), (722, 10069), (916, 10369), (983, 10456), (1088, 10555), (1113, 10582), (1129, 10603), (1193, 10699), (1405, 10936), (1433, 10963), (1435, 10966),

Gene: Langerak_2 Start: 413, Stop: 2089, Start Num: 138
Candidate Starts for Langerak_2:
(Start: 138 @413 has 120 MA's), (Start: 318 @629 has 1 MA's), (349, 668), (380, 725), (384, 731), (396, 749), (421, 794), (426, 806), (431, 815), (444, 821), (445, 824), (483, 878), (490, 899), (558, 1001), (659, 1190), (745, 1286), (778, 1337), (902, 1478), (919, 1490), (1024, 1622), (1107, 1688), (1112, 1697), (1139, 1724), (1172, 1766), (1187, 1784), (1278, 1868), (1290, 1883), (1463, 2072),

Gene: Lannister_7 Start: 2384, Stop: 4030, Start Num: 95
Candidate Starts for Lannister_7:
(Start: 95 @2384 has 98 MA's), (Start: 330 @2606 has 14 MA's), (407, 2687), (504, 2822), (515, 2843), (548, 2888), (575, 2930), (603, 3002), (620, 3026), (680, 3125), (722, 3179), (838, 3338), (903, 3398), (997, 3509), (1088, 3599), (1165, 3707), (1193, 3746), (1214, 3767), (1219, 3773), (1236, 3791), (1325, 3887), (1372, 3947),

Gene: Laphuphu24k_2 Start: 370, Stop: 1992, Start Num: 193
Candidate Starts for Laphuphu24k_2:
(Start: 171 @349 has 16 MA's), (Start: 193 @370 has 21 MA's), (Start: 397 @601 has 4 MA's), (399, 604), (405, 613), (422, 649), (426, 658), (431, 667), (488, 745), (569, 850), (620, 964), (631, 988), (650, 1024), (665, 1045), (677, 1060), (713, 1120), (774, 1204), (954, 1420), (961, 1432), (975, 1459), (1003, 1498), (1009, 1504), (1048, 1543), (1080, 1570), (1096, 1582), (1117, 1615), (1126, 1627), (1151, 1660), (1305, 1831), (1364, 1900), (1369, 1906), (1385, 1927), (1403, 1948), (1447, 1978), (1449, 1981), (1451, 1984),

Gene: LappelDuVide_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for LappelDuVide_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Larenn_13 Start: 7730, Stop: 9493, Start Num: 103

Candidate Starts for Larenn_13:
(Start: 103 @7730 has 236 MA's), (Start: 217 @7838 has 1 MA's), (234, 7859), (298, 7967), (314, 7991), (512, 8252), (513, 8255), (538, 8294), (581, 8363), (620, 8453), (631, 8477), (704, 8594), (722, 8609), (914, 8882), (983, 8969), (992, 8981), (999, 8993), (1064, 9041), (1080, 9056), (1113, 9095), (1129, 9116), (1193, 9212), (1405, 9449), (1433, 9476), (1435, 9479), (1438, 9482), (1440, 9485),

Gene: LarryKay_13 Start: 7043, Stop: 8743, Start Num: 105
Candidate Starts for LarryKay_13:
(Start: 105 @7043 has 85 MA's), (Start: 145 @7091 has 1 MA's), (302, 7226), (467, 7418), (513, 7505), (620, 7703), (675, 7793), (718, 7856), (809, 8018), (983, 8216), (999, 8240), (1001, 8243), (1080, 8306), (1100, 8327), (1129, 8366), (1193, 8462), (1241, 8516), (1279, 8552), (1405, 8699), (1435, 8729), (1438, 8732),

Gene: Larva_6 Start: 1090, Stop: 2517, Start Num: 262
Candidate Starts for Larva_6:
(Start: 262 @1090 has 67 MA's), (310, 1147), (Start: 322 @1168 has 1 MA's), (Start: 336 @1192 has 12 MA's), (391, 1276), (402, 1285), (405, 1291), (444, 1351), (463, 1369), (487, 1420), (505, 1459), (591, 1573), (607, 1615), (611, 1624), (613, 1627), (675, 1705), (792, 1819), (820, 1867), (827, 1879), (851, 1909), (880, 1945), (903, 1972), (962, 2029), (1042, 2113), (1064, 2137), (1142, 2215), (1187, 2272), (1208, 2296), (1235, 2320), (1353, 2449), (1425, 2506),

Gene: Lasagna_2 Start: 426, Stop: 1991, Start Num: 165
Candidate Starts for Lasagna_2:
(Start: 165 @426 has 76 MA's), (270, 549), (310, 603), (Start: 333 @636 has 4 MA's), (334, 639), (Start: 397 @690 has 4 MA's), (Start: 403 @699 has 1 MA's), (419, 732), (426, 747), (431, 756), (463, 780), (557, 942), (620, 1077), (630, 1098), (650, 1137), (770, 1236), (790, 1266), (803, 1281), (818, 1314), (852, 1362), (861, 1371), (941, 1449), (961, 1485), (983, 1524), (1020, 1566), (1046, 1593), (1105, 1647), (1133, 1689), (1197, 1734), (1212, 1755), (1232, 1779), (1328, 1857),

Gene: LastHope_8 Start: 1617, Stop: 3041, Start Num: 247
Candidate Starts for LastHope_8:
(156, 1533), (Start: 247 @1617 has 171 MA's), (Start: 322 @1704 has 1 MA's), (Start: 336 @1728 has 12 MA's), (342, 1734), (363, 1773), (391, 1812), (402, 1821), (405, 1827), (425, 1869), (444, 1887), (463, 1905), (487, 1956), (505, 1995), (517, 2004), (532, 2031), (533, 2034), (607, 2151), (611, 2160), (742, 2289), (792, 2355), (820, 2403), (827, 2415), (851, 2445), (870, 2469), (962, 2565), (1111, 2706), (1112, 2709), (1146, 2742), (1160, 2772), (1187, 2796), (1283, 2883), (1353, 2973), (1425, 3030), (1431, 3036),

Gene: LastJedi_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for LastJedi_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 204 @617 has 1 MA's), (Start: 217 @629 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (454, 905), (473, 917), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (516, 998), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (736, 1388), (740, 1397), (862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1250, 1979), (1265, 2006), (1297, 2039), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: LastNadiia_7 Start: 3609, Stop: 5138, Start Num: 208
Candidate Starts for LastNadiia_7:

(Start: 208 @3609 has 5 MA's), (259, 3654), (Start: 267 @3663 has 1 MA's), (Start: 297 @3693 has 6 MA's), (314, 3717), (402, 3807), (405, 3813), (495, 3963), (611, 4194), (618, 4206), (650, 4263), (683, 4305), (750, 4419), (765, 4440), (808, 4506), (810, 4512), (827, 4542), (1082, 4803), (1228, 4938), (1369, 5079),

Gene: LastResort_14 Start: 6686, Stop: 8383, Start Num: 103
Candidate Starts for LastResort_14:
(Start: 103 @6686 has 236 MA's), (120, 6704), (302, 6866), (424, 7022), (487, 7091), (513, 7145), (581, 7253), (594, 7280), (620, 7343), (631, 7367), (999, 7883), (1080, 7946), (1115, 7988), (1193, 8102), (1292, 8207), (1405, 8339), (1433, 8366), (1435, 8369), (1438, 8372),

Gene: LaterM_8 Start: 1568, Stop: 2989, Start Num: 247
Candidate Starts for LaterM_8:
(Start: 165 @1496 has 76 MA's), (Start: 230 @1556 has 31 MA's), (Start: 247 @1568 has 171 MA's), (Start: 336 @1679 has 12 MA's), (342, 1685), (391, 1763), (402, 1772), (425, 1820), (444, 1838), (463, 1856), (487, 1907), (514, 1949), (517, 1955), (532, 1982), (533, 1985), (591, 2060), (607, 2102), (611, 2111), (675, 2192), (792, 2306), (820, 2354), (827, 2366), (851, 2396), (870, 2420), (880, 2432), (893, 2447), (962, 2516), (1112, 2660), (1146, 2693), (1187, 2747), (1353, 2924), (1425, 2978),

Gene: Latretium_2 Start: 571, Stop: 2208, Start Num: 155
Candidate Starts for Latretium_2:
(Start: 155 @571 has 202 MA's), (163, 580), (Start: 176 @595 has 3 MA's), (Start: 217 @628 has 1 MA's), (Start: 247 @652 has 171 MA's), (Start: 250 @655 has 144 MA's), (Start: 318 @718 has 1 MA's), (Start: 330 @736 has 14 MA's), (353, 757), (412, 844), (414, 850), (454, 904), (484, 928), (487, 937), (488, 940), (496, 961), (508, 982), (516, 997), (548, 1054), (575, 1093), (602, 1162), (604, 1168), (621, 1198), (622, 1201), (627, 1210), (635, 1225), (647, 1243), (680, 1294), (736, 1387), (740, 1396), (862, 1567), (874, 1579), (983, 1663), (1005, 1693), (1007, 1696), (1010, 1699), (1080, 1756), (1097, 1771), (1101, 1777), (1104, 1780), (1113, 1795), (1117, 1804), (1164, 1873), (1190, 1903), (1196, 1912), (1225, 1945), (1239, 1963), (1250, 1978), (1265, 2005), (1297, 2038), (1320, 2065), (1325, 2068), (1349, 2089), (1365, 2113), (1372, 2122), (1374, 2125), (1429, 2182),

Gene: Lauchelly_2 Start: 378, Stop: 1889, Start Num: 228
Candidate Starts for Lauchelly_2:
(Start: 228 @378 has 40 MA's), (Start: 262 @417 has 67 MA's), (274, 435), (Start: 333 @507 has 4 MA's), (334, 510), (Start: 393 @558 has 3 MA's), (Start: 400 @567 has 2 MA's), (405, 573), (424, 612), (426, 618), (465, 651), (474, 669), (485, 693), (487, 699), (506, 738), (512, 747), (513, 750), (533, 789), (535, 792), (572, 861), (591, 906), (593, 909), (602, 930), (607, 945), (611, 954), (618, 966), (653, 1026), (664, 1041), (667, 1044), (674, 1053), (745, 1134), (763, 1155), (809, 1227), (855, 1293), (922, 1326), (954, 1356), (1075, 1497), (1079, 1503), (1112, 1530), (1130, 1551), (1131, 1554), (1134, 1557), (1143, 1569), (1153, 1584), (1160, 1599), (1170, 1602), (1184, 1620), (1190, 1626), (1206, 1647), (1278, 1704), (1280, 1707), (1290, 1719), (1366, 1797), (1378, 1812), (1389, 1827), (1394, 1833), (1433, 1875), (1443, 1881),

Gene: Lauer_3 Start: 958, Stop: 2634, Start Num: 170
Candidate Starts for Lauer_3:
(Start: 170 @958 has 103 MA's), (Start: 232 @1009 has 1 MA's), (Start: 249 @1030 has 1 MA's), (304, 1075), (362, 1153), (415, 1219), (490, 1315), (509, 1351), (513, 1360), (515, 1363), (543, 1411), (550, 1423), (595, 1510), (701, 1690), (735, 1744), (842, 1924), (866, 1957), (954, 2023), (987, 2089), (992, 2095), (1080, 2179), (1146, 2260), (1163, 2293), (1219, 2362), (1292, 2440), (1374, 2539), (1394, 2560), (1400, 2566), (1454, 2620), (1456, 2623),

Gene: Lavahound_6 Start: 1181, Stop: 2605, Start Num: 247
Candidate Starts for Lavahound_6:

(156, 1097), (Start: 230 @1169 has 31 MA's), (Start: 247 @1181 has 171 MA's), (Start: 322 @1268 has 1 MA's), (Start: 336 @1292 has 12 MA's), (391, 1376), (402, 1385), (425, 1433), (444, 1451), (463, 1469), (487, 1520), (532, 1595), (533, 1598), (607, 1715), (611, 1724), (613, 1727), (636, 1757), (675, 1805), (792, 1919), (820, 1967), (827, 1979), (851, 2009), (870, 2033), (882, 2048), (893, 2060), (962, 2129), (993, 2171), (1042, 2201), (1112, 2273), (1146, 2306), (1150, 2315), (1187, 2360), (1425, 2594), (1431, 2600),

Gene: LaviMo_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for LaviMo_3:
(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (806, 1881), (817, 1896), (842, 1932), (880, 1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298), (1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: LeBron_4 Start: 1059, Stop: 2636, Start Num: 142
Candidate Starts for LeBron_4:
(Start: 138 @1053 has 120 MA's), (Start: 142 @1059 has 6 MA's), (293, 1230), (361, 1317), (396, 1335), (402, 1341), (419, 1377), (513, 1515), (515, 1518), (566, 1593), (593, 1650), (594, 1653), (710, 1821), (762, 1875), (766, 1884), (776, 1899), (791, 1920), (813, 1959), (827, 1980), (832, 1986), (855, 2013), (900, 2055), (942, 2079), (954, 2097), (959, 2106), (962, 2112), (977, 2145), (1009, 2178), (1050, 2217), (1057, 2223), (1060, 2226), (1116, 2271), (1172, 2337), (1213, 2388), (1226, 2403), (1234, 2412), (1263, 2427), (1266, 2430), (1373, 2532), (1394, 2559), (1448, 2610), (1450, 2613),

Gene: LeMond_7 Start: 1481, Stop: 2905, Start Num: 247
Candidate Starts for LeMond_7:
(Start: 247 @1481 has 171 MA's), (Start: 322 @1568 has 1 MA's), (Start: 336 @1592 has 12 MA's), (342, 1598), (391, 1676), (402, 1685), (405, 1691), (425, 1733), (444, 1751), (463, 1769), (487, 1820), (505, 1859), (532, 1895), (591, 1973), (607, 2015), (611, 2024), (675, 2105), (792, 2219), (816, 2261), (820, 2267), (827, 2279), (851, 2309), (870, 2333), (880, 2345), (893, 2360), (962, 2429), (993, 2471), (1111, 2570), (1142, 2603), (1146, 2606), (1172, 2642), (1187, 2660), (1425, 2894),

Gene: Lea83_7 Start: 1488, Stop: 2912, Start Num: 247
Candidate Starts for Lea83_7:
(Start: 230 @1476 has 31 MA's), (Start: 247 @1488 has 171 MA's), (Start: 322 @1575 has 1 MA's), (Start: 336 @1599 has 12 MA's), (391, 1683), (402, 1692), (425, 1740), (444, 1758), (463, 1776), (487, 1827), (514, 1869), (517, 1875), (532, 1902), (591, 1980), (607, 2022), (611, 2031), (675, 2112), (686, 2130), (792, 2226), (820, 2274), (827, 2286), (851, 2316), (870, 2340), (880, 2352), (962, 2436), (992, 2478), (1111, 2577), (1112, 2580), (1150, 2622), (1157, 2637), (1160, 2643), (1184, 2664), (1187, 2667), (1353, 2844), (1431, 2907),

Gene: Leafy_3 Start: 1092, Stop: 2552, Start Num: 250
Candidate Starts for Leafy_3:
(Start: 250 @1092 has 144 MA's), (Start: 254 @1098 has 2 MA's), (358, 1260), (363, 1269), (399, 1329), (444, 1398), (465, 1419), (488, 1470), (619, 1674), (755, 1809), (806, 1887), (817, 1902), (842, 1938), (880, 1980), (911, 2013), (926, 2031), (1015, 2151), (1020, 2154), (1039, 2166), (1113, 2241), (1172, 2304), (1187, 2322), (1190, 2325), (1330, 2487), (1337, 2496), (1344, 2505), (1372, 2544),

Gene: Leathea_8 Start: 3424, Stop: 5157, Start Num: 307
Candidate Starts for Leathea_8:
(Start: 307 @3424 has 198 MA's), (367, 3523), (516, 3808), (556, 3886), (572, 3907), (599, 3976), (644, 4078), (656, 4102), (693, 4159), (709, 4192), (750, 4264), (785, 4330), (805, 4363), (847, 4435), (892, 4492), (950, 4561), (956, 4573), (1071, 4705), (1120, 4774), (1123, 4777), (1273, 4981), (1274, 4984), (1290, 5005), (1299, 5017), (1309, 5029), (1334, 5062), (1370, 5107), (1372, 5110),

Gene: Lebo14_9 Start: 2478, Stop: 3923, Start Num: 247
Candidate Starts for Lebo14_9:
(Start: 247 @2478 has 171 MA's), (Start: 336 @2583 has 12 MA's), (391, 2667), (402, 2676), (419, 2712), (425, 2724), (434, 2739), (463, 2766), (487, 2817), (493, 2835), (517, 2865), (532, 2892), (591, 2970), (607, 3012), (611, 3021), (613, 3024), (675, 3102), (679, 3111), (742, 3150), (792, 3216), (820, 3264), (851, 3306), (962, 3423), (992, 3465), (1042, 3510), (1111, 3579), (1150, 3624), (1160, 3645), (1187, 3669), (1353, 3846), (1425, 3912), (1431, 3918),

Gene: Lederberg_2 Start: 374, Stop: 1957, Start Num: 220
Candidate Starts for Lederberg_2:
(Start: 218 @371 has 8 MA's), (Start: 220 @374 has 6 MA's), (Start: 225 @380 has 84 MA's), (350, 551), (Start: 397 @629 has 4 MA's), (Start: 403 @638 has 1 MA's), (513, 812), (587, 914), (591, 920), (595, 929), (598, 938), (623, 998), (648, 1046), (650, 1049), (748, 1112), (809, 1205), (867, 1271), (983, 1427), (998, 1445), (1049, 1490), (1080, 1532), (1114, 1568), (1122, 1583), (1142, 1610), (1146, 1613), (1154, 1628), (1183, 1661), (1197, 1676), (1235, 1724), (1277, 1754), (1291, 1772), (1350, 1847), (1411, 1922), (1448, 1946),

Gene: Legacy_6 Start: 2382, Stop: 4028, Start Num: 95
Candidate Starts for Legacy_6:
(Start: 95 @2382 has 98 MA's), (Start: 113 @2400 has 11 MA's), (Start: 330 @2604 has 14 MA's), (407, 2685), (504, 2820), (515, 2841), (575, 2928), (603, 3000), (620, 3024), (680, 3123), (722, 3177), (803, 3276), (838, 3336), (992, 3498), (997, 3507), (1088, 3597), (1113, 3624), (1164, 3702), (1165, 3705), (1193, 3744), (1214, 3765), (1219, 3771), (1236, 3789), (1325, 3885), (1372, 3945),

Gene: Lego_2 Start: 533, Stop: 2239, Start Num: 124
Candidate Starts for Lego_2:
(13, 242), (15, 251), (Start: 124 @533 has 46 MA's), (486, 905), (513, 962), (546, 1010), (595, 1100), (623, 1154), (693, 1274), (748, 1364), (881, 1526), (983, 1649), (1193, 1904), (1209, 1919), (1250, 1973), (1292, 2054), (1381, 2162),

Gene: LemonPepper_3 Start: 1074, Stop: 2534, Start Num: 250
Candidate Starts for LemonPepper_3:
(Start: 250 @1074 has 144 MA's), (Start: 254 @1080 has 2 MA's), (358, 1242), (363, 1251), (399, 1311), (444, 1380), (465, 1401), (488, 1452), (619, 1656), (806, 1869), (817, 1884), (842, 1920), (880, 1962), (911, 1995), (926, 2013), (1015, 2133), (1020, 2136), (1039, 2148), (1113, 2223), (1172, 2286), (1187, 2304), (1190, 2307), (1330, 2469), (1337, 2478), (1344, 2487), (1372, 2526),

Gene: Lemur_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Lemur_11:
(28, 6707), (34, 6725), (38, 6755), (Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Lemuria_2 Start: 376, Stop: 1959, Start Num: 161
Candidate Starts for Lemuria_2:
(Start: 161 @376 has 29 MA's), (310, 553), (399, 685), (463, 772), (487, 823), (490, 832), (505, 862), (520, 874), (568, 925), (594, 982), (607, 1018), (618, 1039), (675, 1108), (679, 1117), (820, 1270), (923, 1393), (962, 1444), (1080, 1552), (1112, 1594), (1142, 1624), (1150, 1636), (1157, 1651), (1184, 1678), (1187, 1681), (1205, 1702), (1259, 1759), (1263, 1765), (1277, 1777), (1280, 1780), (1425, 1948), (1431, 1954),

Gene: Lennox_2 Start: 426, Stop: 1991, Start Num: 165
Candidate Starts for Lennox_2:
(Start: 165 @426 has 76 MA's), (270, 549), (310, 603), (Start: 397 @690 has 4 MA's), (419, 732), (431, 756), (463, 780), (557, 942), (620, 1077), (630, 1098), (650, 1137), (770, 1236), (790, 1266), (803, 1281), (818, 1314), (852, 1362), (861, 1371), (941, 1449), (961, 1485), (983, 1524), (1009, 1557), (1020, 1566), (1046, 1593), (1105, 1647), (1133, 1689), (1176, 1710), (1197, 1734), (1212, 1755), (1232, 1779), (1328, 1857),

Gene: Lenoxika_6 Start: 1956, Stop: 3656, Start Num: 209
Candidate Starts for Lenoxika_6:
(Start: 155 @1899 has 202 MA's), (Start: 190 @1935 has 1 MA's), (Start: 209 @1956 has 22 MA's), (270, 2031), (Start: 295 @2079 has 6 MA's), (Start: 309 @2100 has 15 MA's), (Start: 317 @2115 has 15 MA's), (339, 2148), (399, 2193), (422, 2238), (431, 2256), (434, 2259), (444, 2262), (520, 2385), (569, 2439), (620, 2553), (650, 2613), (665, 2634), (803, 2865), (852, 2931), (865, 2946), (973, 3117), (997, 3156), (1009, 3165), (1020, 3174), (1061, 3216), (1126, 3288), (1177, 3330), (1212, 3372), (1283, 3420), (1305, 3447), (1307, 3450), (1313, 3456), (1328, 3477), (1364, 3519), (1433, 3597), (1464, 3645),

Gene: LeoAvram_11 Start: 7031, Stop: 8581, Start Num: 251
Candidate Starts for LeoAvram_11:
(28, 6707), (34, 6725), (38, 6755), (Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Leogania_14 Start: 9575, Stop: 11362, Start Num: 103
Candidate Starts for Leogania_14:
(Start: 103 @9575 has 236 MA's), (Start: 217 @9683 has 1 MA's), (234, 9704), (298, 9812), (362, 9899), (411, 9953), (512, 10094), (513, 10097), (538, 10136), (581, 10205), (620, 10295), (631, 10319), (704, 10436), (722, 10451), (916, 10751), (983, 10838), (1088, 10937), (1113, 10964), (1129, 10985), (1193, 11081), (1405, 11318), (1433, 11345), (1435, 11348),

Gene: Leona_2 Start: 373, Stop: 1995, Start Num: 193
Candidate Starts for Leona_2:
(Start: 171 @352 has 16 MA's), (Start: 193 @373 has 21 MA's), (Start: 397 @604 has 4 MA's), (405, 616), (422, 652), (431, 670), (444, 676), (488, 748), (598, 916), (620, 967), (631, 991), (650, 1027), (665, 1048), (677, 1063), (713, 1123), (774, 1207), (954, 1423), (961, 1435), (1003, 1501), (1009, 1507), (1048, 1546), (1096, 1585), (1100, 1591), (1117, 1618), (1151, 1663), (1364, 1903), (1385, 1930), (1403, 1951), (1447, 1981), (1449, 1984),

Gene: Leperchaun_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for Leperchaun_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (454, 905), (473, 917), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (740, 1397), (862, 1568), (874, 1580), (920, 1598), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1250, 1979), (1265, 2006), (1297, 2039), (1320, 2066), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: Lesedi_10 Start: 6758, Stop: 8446, Start Num: 102
Candidate Starts for Lesedi_10:
(Start: 102 @6758 has 400 MA's), (381, 7022), (402, 7046), (513, 7208), (535, 7241), (581, 7316), (620, 7406), (631, 7430), (647, 7457), (679, 7505), (728, 7574), (774, 7661), (809, 7721), (1009, 7955), (1021, 7967), (1080, 8009), (1100, 8030), (1117, 8057), (1193, 8165), (1279, 8255), (1365, 8360),

Gene: Leston_6 Start: 1351, Stop: 2778, Start Num: 262
Candidate Starts for Leston_6:
(156, 1258), (Start: 262 @1351 has 67 MA's), (310, 1408), (Start: 322 @1429 has 1 MA's), (Start: 336 @1453 has 12 MA's), (391, 1537), (402, 1546), (405, 1552), (425, 1594), (444, 1612), (463, 1630), (487, 1681), (532, 1756), (591, 1834), (607, 1876), (611, 1885), (613, 1888), (675, 1966), (792, 2080), (820, 2128), (851, 2170), (870, 2194), (880, 2206), (903, 2233), (956, 2278), (962, 2290), (1107, 2437), (1142, 2476), (1187, 2533), (1208, 2557), (1235, 2581), (1263, 2605), (1348, 2704), (1353, 2710), (1425, 2767),

Gene: Lev2_9 Start: 6005, Stop: 7756, Start Num: 67
Candidate Starts for Lev2_9:
(Start: 54 @5978 has 19 MA's), (Start: 67 @6005 has 32 MA's), (Start: 115 @6074 has 1 MA's), (147, 6113), (Start: 237 @6188 has 1 MA's), (241, 6194), (362, 6326), (424, 6401), (425, 6404), (523, 6539), (551, 6578), (567, 6602), (620, 6710), (641, 6755), (690, 6833), (693, 6839), (793, 7004), (812, 7037), (825, 7058), (983, 7232), (999, 7256), (1001, 7259), (1080, 7319), (1088, 7331), (1113, 7358), (1129, 7379), (1182, 7463), (1193, 7475), (1405, 7712), (1438, 7745), (1443, 7751),

Gene: Leviathan_14 Start: 7880, Stop: 9667, Start Num: 103
Candidate Starts for Leviathan_14:
(Start: 103 @7880 has 236 MA's), (Start: 217 @7988 has 1 MA's), (234, 8009), (278, 8075), (280, 8081), (298, 8117), (314, 8141), (362, 8204), (512, 8399), (513, 8402), (581, 8510), (620, 8600), (631, 8624), (679, 8699), (704, 8741), (722, 8756), (916, 9056), (1088, 9242), (1113, 9269), (1129, 9290), (1193, 9386), (1405, 9623), (1435, 9653),

Gene: Leviosa_2 Start: 380, Stop: 1891, Start Num: 228
Candidate Starts for Leviosa_2:
(Start: 228 @380 has 40 MA's), (Start: 262 @419 has 67 MA's), (274, 437), (314, 482), (Start: 333 @509 has 4 MA's), (334, 512), (Start: 393 @560 has 3 MA's), (Start: 400 @569 has 2 MA's), (405, 575), (424, 614), (426, 620), (465, 653), (474, 671), (485, 695), (487, 701), (506, 740), (512, 749), (513, 752), (533, 791), (535, 794), (566, 854), (572, 863), (591, 908), (593, 911), (602, 932), (607, 947), (611, 956), (618, 968), (653, 1028), (664, 1043), (667, 1046), (669, 1049), (681, 1070), (776, 1181), (797, 1208), (809, 1229), (855, 1295), (881, 1316), (949, 1346), (954, 1358), (973, 1400), (1044, 1469), (1054, 1478), (1079, 1505), (1112, 1532), (1130, 1553), (1131, 1556), (1134, 1559), (1143, 1571), (1153, 1586), (1160, 1601), (1170, 1604), (1190, 1628), (1278, 1706), (1280, 1709), (1290, 1721), (1366, 1799), (1378, 1814), (1394, 1835), (1433, 1877), (1443, 1883),

Gene: Leviticus_6 Start: 2420, Stop: 4048, Start Num: 113
Candidate Starts for Leviticus_6:
(Start: 95 @2402 has 98 MA's), (Start: 113 @2420 has 11 MA's), (Start: 330 @2624 has 14 MA's), (407, 2705), (504, 2840), (515, 2861), (575, 2948), (603, 3020), (620, 3044), (680, 3143), (722, 3197), (803, 3296), (838, 3356), (992, 3518), (997, 3527), (1088, 3617), (1113, 3644), (1164, 3722), (1165, 3725), (1193, 3764), (1214, 3785), (1219, 3791), (1236, 3809), (1325, 3905), (1372, 3965),

Gene: Lewan_4 Start: 1069, Stop: 2637, Start Num: 138
Candidate Starts for Lewan_4:
(Start: 138 @1069 has 120 MA's), (Start: 142 @1075 has 6 MA's), (Start: 284 @1231 has 1 MA's), (426, 1408), (512, 1528), (515, 1534), (556, 1594), (591, 1666), (594, 1672), (602, 1693), (675, 1792),

(710, 1840), (762, 1894), (776, 1918), (807, 1963), (809, 1969), (827, 1999), (832, 2005), (855, 2032), (863, 2041), (942, 2098), (946, 2104), (959, 2125), (962, 2131), (1020, 2206), (1023, 2209), (1060, 2245), (1116, 2290), (1172, 2356), (1234, 2431), (1266, 2449), (1278, 2458), (1420, 2605), (1448, 2629), (1450, 2632),

Gene: Lewando_8 Start: 3539, Stop: 5272, Start Num: 307
Candidate Starts for Lewando_8:
(Start: 307 @3539 has 198 MA's), (Start: 330 @3578 has 14 MA's), (354, 3614), (367, 3638), (493, 3875), (502, 3893), (516, 3923), (556, 4001), (572, 4022), (599, 4091), (644, 4193), (656, 4217), (693, 4274), (709, 4307), (750, 4379), (805, 4478), (820, 4508), (847, 4550), (892, 4607), (956, 4688), (1071, 4820), (1120, 4889), (1123, 4892), (1190, 4985), (1273, 5096), (1290, 5120), (1299, 5132), (1309, 5144), (1370, 5222), (1372, 5225),

Gene: LibertyBell_7 Start: 2767, Stop: 4512, Start Num: 307
Candidate Starts for LibertyBell_7:
(Start: 307 @2767 has 198 MA's), (310, 2773), (342, 2821), (363, 2860), (367, 2866), (493, 3115), (556, 3241), (572, 3262), (594, 3316), (637, 3415), (644, 3433), (666, 3469), (680, 3490), (727, 3565), (750, 3619), (805, 3718), (823, 3754), (892, 3847), (950, 3916), (1050, 4033), (1052, 4039), (1053, 4042), (1071, 4060), (1120, 4129), (1123, 4132), (1223, 4270), (1273, 4336), (1274, 4339), (1290, 4360), (1299, 4372), (1372, 4465), (1381, 4477),

Gene: Licorice_13 Start: 7615, Stop: 9303, Start Num: 102
Candidate Starts for Licorice_13:
(Start: 102 @7615 has 400 MA's), (381, 7879), (402, 7903), (513, 8065), (535, 8098), (581, 8173), (620, 8263), (631, 8287), (647, 8314), (679, 8362), (774, 8518), (809, 8578), (1001, 8803), (1009, 8812), (1021, 8824), (1080, 8866), (1100, 8887), (1117, 8914), (1193, 9022), (1279, 9112), (1365, 9217),

Gene: Liebe_2 Start: 532, Stop: 2271, Start Num: 124
Candidate Starts for Liebe_2:
(Start: 124 @532 has 46 MA's), (Start: 176 @592 has 3 MA's), (Start: 185 @601 has 14 MA's), (Start: 232 @655 has 1 MA's), (350, 778), (469, 916), (477, 928), (490, 952), (513, 997), (546, 1045), (595, 1138), (645, 1237), (647, 1240), (686, 1297), (746, 1399), (748, 1402), (812, 1468), (851, 1525), (910, 1594), (1001, 1714), (1165, 1906), (1193, 1942), (1209, 1957), (1325, 2122), (1381, 2194), (1399, 2209), (1402, 2212), (1442, 2257),

Gene: Liefie_2 Start: 454, Stop: 1890, Start Num: 262
Candidate Starts for Liefie_2:
(Start: 161 @358 has 29 MA's), (Start: 262 @454 has 67 MA's), (Start: 273 @457 has 4 MA's), (Start: 299 @493 has 5 MA's), (Start: 322 @532 has 1 MA's), (425, 694), (487, 781), (490, 790), (499, 808), (505, 820), (594, 940), (607, 976), (618, 997), (636, 1018), (675, 1066), (679, 1075), (820, 1228), (865, 1288), (882, 1306), (949, 1357), (962, 1384), (972, 1399), (973, 1402), (977, 1408), (1074, 1483), (1109, 1528), (1172, 1603), (1187, 1621), (1205, 1642), (1259, 1687), (1277, 1705), (1280, 1708), (1353, 1801), (1358, 1807), (1428, 1882),

Gene: Lika_6 Start: 2381, Stop: 4027, Start Num: 95
Candidate Starts for Lika_6:
(Start: 95 @2381 has 98 MA's), (Start: 113 @2399 has 11 MA's), (Start: 330 @2603 has 14 MA's), (362, 2639), (504, 2819), (515, 2840), (575, 2927), (603, 2999), (620, 3023), (680, 3122), (690, 3137), (704, 3161), (712, 3167), (838, 3335), (983, 3485), (997, 3506), (1088, 3596), (1165, 3704), (1193, 3743), (1214, 3764), (1219, 3770), (1236, 3788), (1372, 3944),

Gene: LilBandit_2 Start: 378, Stop: 1889, Start Num: 228

Candidate Starts for LilBandit_2:
(Start: 228 @378 has 40 MA's), (Start: 262 @417 has 67 MA's), (274, 435), (Start: 297 @462 has 6 MA's), (314, 480), (Start: 333 @507 has 4 MA's), (334, 510), (Start: 393 @558 has 3 MA's), (Start: 400 @567 has 2 MA's), (405, 573), (424, 612), (426, 618), (465, 651), (474, 669), (485, 693), (487, 699), (506, 738), (512, 747), (513, 750), (533, 789), (535, 792), (572, 861), (591, 906), (593, 909), (602, 930), (607, 945), (611, 954), (653, 1026), (667, 1044), (669, 1047), (674, 1053), (681, 1068), (745, 1134), (763, 1155), (776, 1179), (797, 1206), (809, 1227), (855, 1293), (922, 1326), (954, 1356), (973, 1398), (1027, 1452), (1075, 1497), (1079, 1503), (1112, 1530), (1130, 1551), (1134, 1557), (1143, 1569), (1160, 1599), (1170, 1602), (1190, 1626), (1278, 1704), (1280, 1707), (1290, 1719), (1366, 1797), (1373, 1806), (1378, 1812), (1394, 1833), (1433, 1875), (1443, 1881),

Gene: LilBib_12 Start: 7558, Stop: 9246, Start Num: 102
Candidate Starts for LilBib_12:
(Start: 102 @7558 has 400 MA's), (Start: 309 @7738 has 15 MA's), (381, 7822), (408, 7858), (424, 7885), (513, 8008), (581, 8116), (620, 8206), (631, 8230), (647, 8257), (679, 8305), (774, 8461), (809, 8521), (1009, 8755), (1021, 8767), (1080, 8809), (1100, 8830), (1117, 8857), (1193, 8965), (1279, 9055), (1365, 9160),

Gene: LilDestine_4 Start: 1069, Stop: 2637, Start Num: 138
Candidate Starts for LilDestine_4:
(Start: 138 @1069 has 120 MA's), (Start: 142 @1075 has 6 MA's), (Start: 284 @1231 has 1 MA's), (512, 1528), (515, 1534), (556, 1594), (591, 1666), (594, 1672), (602, 1693), (675, 1792), (710, 1840), (762, 1894), (776, 1918), (807, 1963), (809, 1969), (827, 1999), (832, 2005), (855, 2032), (863, 2041), (942, 2098), (946, 2104), (959, 2125), (962, 2131), (1020, 2206), (1023, 2209), (1060, 2245), (1116, 2290), (1172, 2356), (1234, 2431), (1266, 2449), (1278, 2458), (1420, 2605), (1448, 2629), (1450, 2632),

Gene: LilDirt_5 Start: 1089, Stop: 2516, Start Num: 262
Candidate Starts for LilDirt_5:
(Start: 262 @1089 has 67 MA's), (310, 1146), (Start: 322 @1167 has 1 MA's), (Start: 336 @1191 has 12 MA's), (391, 1275), (402, 1284), (405, 1290), (444, 1350), (463, 1368), (487, 1419), (505, 1458), (591, 1572), (607, 1614), (611, 1623), (613, 1626), (675, 1704), (792, 1818), (820, 1866), (827, 1878), (851, 1908), (880, 1944), (903, 1971), (962, 2028), (1042, 2112), (1064, 2136), (1142, 2214), (1187, 2271), (1208, 2295), (1235, 2319), (1353, 2448), (1425, 2505),

Gene: LilHazelnut_5 Start: 1855, Stop: 3489, Start Num: 102
Candidate Starts for LilHazelnut_5:
(Start: 102 @1855 has 400 MA's), (Start: 153 @1894 has 15 MA's), (Start: 208 @1942 has 5 MA's), (342, 2113), (396, 2152), (512, 2332), (516, 2341), (522, 2350), (566, 2413), (570, 2419), (605, 2503), (606, 2506), (607, 2509), (675, 2605), (677, 2608), (680, 2617), (745, 2683), (766, 2713), (785, 2740), (807, 2773), (820, 2794), (822, 2797), (919, 2893), (946, 2914), (1002, 3004), (1051, 3046), (1074, 3064), (1078, 3070), (1146, 3133), (1149, 3139), (1150, 3142), (1187, 3187), (1191, 3193), (1213, 3220), (1226, 3235), (1290, 3286), (1297, 3295), (1309, 3310), (1317, 3313), (1346, 3352), (1358, 3367), (1371, 3382), (1374, 3385), (1460, 3463), (1462, 3469),

Gene: LilHuddy_7 Start: 3531, Stop: 5270, Start Num: 307
Candidate Starts for LilHuddy_7:
(Start: 303 @3525 has 2 MA's), (Start: 307 @3531 has 198 MA's), (367, 3630), (433, 3750), (485, 3849), (516, 3921), (556, 3999), (572, 4020), (611, 4122), (644, 4191), (656, 4215), (663, 4224), (750, 4377), (791, 4452), (805, 4476), (872, 4581), (892, 4605), (956, 4686), (1053, 4800), (1071, 4818), (1109, 4863), (1111, 4866), (1120, 4887), (1123, 4890), (1249, 5070), (1273, 5094), (1290, 5118), (1299, 5130), (1315, 5148), (1370, 5220), (1372, 5223),

Gene: LilJank_12 Start: 4868, Stop: 6313, Start Num: 230
Candidate Starts for LilJank_12:
(Start: 230 @4868 has 31 MA's), (396, 5054), (465, 5147), (510, 5228), (516, 5240), (537, 5273), (554, 5279), (566, 5297), (572, 5306), (607, 5390), (611, 5399), (651, 5459), (677, 5477), (776, 5597), (794, 5624), (843, 5693), (876, 5723), (946, 5789), (1020, 5894), (1047, 5921), (1116, 5981), (1146, 6005), (1174, 6044), (1226, 6107), (1293, 6158), (1352, 6215),

Gene: LilMoolah_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for LilMoolah_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 204 @617 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (261, 674), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (414, 851), (454, 905), (473, 917), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (736, 1388), (740, 1397), (862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1250, 1979), (1265, 2006), (1297, 2039), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: LilPharaoh_4 Start: 847, Stop: 2271, Start Num: 247
Candidate Starts for LilPharaoh_4:
(Start: 230 @835 has 31 MA's), (Start: 247 @847 has 171 MA's), (310, 913), (Start: 336 @958 has 12 MA's), (363, 1003), (391, 1042), (402, 1051), (425, 1099), (444, 1117), (463, 1135), (487, 1186), (517, 1234), (532, 1261), (607, 1381), (611, 1390), (637, 1426), (638, 1429), (675, 1471), (686, 1489), (792, 1585), (816, 1627), (820, 1633), (827, 1645), (851, 1675), (856, 1681), (870, 1699), (893, 1726), (962, 1795), (1042, 1867), (1112, 1939), (1146, 1972), (1150, 1981), (1172, 2008), (1187, 2026), (1353, 2203), (1425, 2260), (1431, 2266),

Gene: LilSpotty_2 Start: 328, Stop: 1785, Start Num: 197
Candidate Starts for LilSpotty_2:
(Start: 136 @259 has 1 MA's), (147, 274), (156, 283), (Start: 197 @328 has 3 MA's), (Start: 297 @424 has 6 MA's), (Start: 299 @427 has 5 MA's), (Start: 336 @487 has 12 MA's), (362, 529), (365, 535), (411, 598), (430, 637), (434, 643), (451, 658), (472, 682), (488, 718), (490, 724), (588, 862), (591, 868), (594, 874), (602, 895), (611, 919), (621, 937), (640, 961), (641, 964), (753, 1063), (773, 1090), (813, 1153), (816, 1156), (903, 1264), (977, 1333), (979, 1336), (1025, 1369), (1054, 1390), (1064, 1402), (1071, 1405), (1107, 1441), (1109, 1444), (1111, 1447), (1146, 1480), (1157, 1504), (1266, 1609), (1312, 1657), (1328, 1678), (1333, 1684), (1347, 1702), (1353, 1708), (1356, 1711), (1358, 1714), (1378, 1738), (1415, 1762), (1425, 1774),

Gene: LilStuart_2 Start: 426, Stop: 1991, Start Num: 165
Candidate Starts for LilStuart_2:
(Start: 165 @426 has 76 MA's), (270, 549), (310, 603), (Start: 333 @636 has 4 MA's), (334, 639), (Start: 397 @690 has 4 MA's), (Start: 403 @699 has 1 MA's), (419, 732), (426, 747), (431, 756), (463, 780), (557, 942), (620, 1077), (630, 1098), (650, 1137), (770, 1236), (790, 1266), (803, 1281), (818, 1314), (852, 1362), (861, 1371), (941, 1449), (961, 1485), (983, 1524), (1020, 1566), (1046, 1593), (1105, 1647), (1133, 1689), (1197, 1734), (1212, 1755), (1232, 1779), (1328, 1857),

Gene: LilTurb_14 Start: 7907, Stop: 9694, Start Num: 103
Candidate Starts for LilTurb_14:
(Start: 103 @7907 has 236 MA's), (Start: 217 @8015 has 1 MA's), (234, 8036), (278, 8102), (280, 8108), (298, 8144), (314, 8168), (362, 8231), (512, 8426), (513, 8429), (581, 8537), (620, 8627), (631, 8651), (679, 8726), (704, 8768), (722, 8783), (916, 9083), (1088, 9269), (1113, 9296), (1129, 9317), (1193, 9413), (1405, 9650), (1435, 9680),

Gene: Lilac_10 Start: 2301, Stop: 3971, Start Num: 395
Candidate Starts for Lilac_10:
(Start: 395 @2301 has 1 MA's), (427, 2364), (551, 2598), (598, 2700), (693, 2880), (710, 2904), (724, 2922), (732, 2934), (768, 2997), (776, 3009), (808, 3054), (815, 3069), (873, 3147), (911, 3192), (934, 3246), (935, 3252), (1000, 3366), (1037, 3414), (1104, 3510), (1116, 3531), (1124, 3546), (1218, 3699), (1232, 3711), (1279, 3768), (1307, 3804), (1346, 3855), (1372, 3891), (1374, 3894), (1438, 3960),

Gene: Lilas_2 Start: 485, Stop: 2284, Start Num: 87
Candidate Starts for Lilas_2:
(Start: 87 @485 has 22 MA's), (Start: 207 @623 has 6 MA's), (229, 650), (354, 782), (362, 797), (430, 881), (469, 911), (477, 923), (485, 932), (502, 971), (513, 992), (552, 1052), (573, 1076), (602, 1148), (623, 1184), (642, 1220), (696, 1310), (711, 1331), (732, 1376), (735, 1382), (746, 1400), (759, 1415), (927, 1589), (956, 1616), (1001, 1685), (1006, 1691), (1080, 1757), (1088, 1769), (1102, 1796), (1165, 1907), (1182, 1943), (1193, 1955), (1197, 1961), (1211, 1979), (1234, 2006), (1249, 2030), (1287, 2093), (1325, 2135), (1370, 2192), (1381, 2207), (1399, 2222), (1445, 2270), (1448, 2273),

Gene: Lilbit_34 Start: 11121, Stop: 12863, Start Num: 170
Candidate Starts for Lilbit_34:
(Start: 170 @11121 has 103 MA's), (302, 11238), (Start: 330 @11283 has 14 MA's), (369, 11349), (374, 11364), (402, 11397), (Start: 403 @11400 has 1 MA's), (411, 11415), (425, 11439), (426, 11442), (467, 11472), (479, 11493), (485, 11511), (488, 11520), (505, 11556), (513, 11571), (543, 11616), (575, 11658), (590, 11697), (595, 11709), (603, 11730), (632, 11781), (647, 11802), (798, 12024), (866, 12129), (874, 12138), (930, 12171), (954, 12192), (956, 12195), (969, 12222), (983, 12252), (992, 12264), (1001, 12279), (1009, 12288), (1015, 12294), (1062, 12336), (1074, 12345), (1084, 12360), (1100, 12375), (1146, 12435), (1163, 12474), (1185, 12507), (1214, 12537), (1217, 12540), (1265, 12624), (1292, 12678), (1304, 12693), (1332, 12720), (1372, 12774), (1451, 12846), (1453, 12849),

Gene: Lilbooboo_2 Start: 588, Stop: 2150, Start Num: 400
Candidate Starts for Lilbooboo_2:
(Start: 400 @588 has 2 MA's), (526, 813), (551, 861), (589, 942), (590, 945), (598, 966), (599, 969), (623, 1017), (643, 1050), (656, 1080), (671, 1095), (693, 1134), (734, 1188), (815, 1311), (848, 1344), (934, 1476), (978, 1539), (982, 1545), (1035, 1614), (1037, 1620), (1070, 1665), (1075, 1671), (1104, 1719), (1164, 1824), (1165, 1827), (1178, 1845), (1201, 1872), (1240, 1920), (1305, 2001), (1325, 2025), (1332, 2028), (1385, 2100),

Gene: Lilbunny_15 Start: 7514, Stop: 9268, Start Num: 103
Candidate Starts for Lilbunny_15:
(Start: 103 @7514 has 236 MA's), (241, 7646), (298, 7745), (314, 7769), (Start: 330 @7796 has 14 MA's), (362, 7832), (424, 7907), (513, 8030), (523, 8045), (538, 8069), (581, 8138), (593, 8162), (594, 8165), (620, 8228), (631, 8252), (718, 8381), (722, 8384), (780, 8495), (914, 8657), (983, 8744), (992, 8756), (999, 8768), (1064, 8816), (1080, 8831), (1113, 8870), (1129, 8891), (1182, 8975), (1193, 8987), (1405, 9224), (1433, 9251), (1435, 9254),

Gene: LilhomieP_13 Start: 4719, Stop: 6263, Start Num: 170
Candidate Starts for LilhomieP_13:
(Start: 170 @4719 has 103 MA's), (215, 4767), (398, 4968), (487, 5106), (606, 5298), (776, 5508), (809, 5559), (863, 5631), (959, 5694), (970, 5718), (977, 5733), (1041, 5793), (1050, 5805), (1113, 5865), (1142, 5898), (1160, 5931), (1190, 5958), (1228, 6006), (1400, 6192), (1420, 6213),

Gene: Lilith_13 Start: 6950, Stop: 8650, Start Num: 105

Candidate Starts for Lilith_13:
(Start: 105 @6950 has 85 MA's), (Start: 145 @6998 has 1 MA's), (302, 7133), (467, 7325), (513, 7412), (620, 7610), (675, 7700), (718, 7763), (809, 7925), (983, 8123), (999, 8147), (1001, 8150), (1080, 8213), (1100, 8234), (1129, 8273), (1193, 8369), (1241, 8423), (1279, 8459), (1405, 8606), (1435, 8636), (1438, 8639),

Gene: Lilizi_10 Start: 2512, Stop: 4182, Start Num: 394
Candidate Starts for Lilizi_10:
(Start: 394 @2512 has 48 MA's), (427, 2575), (551, 2809), (598, 2911), (693, 3091), (710, 3115), (724, 3133), (732, 3145), (768, 3208), (776, 3220), (808, 3265), (815, 3280), (873, 3358), (911, 3403), (934, 3457), (935, 3463), (1000, 3577), (1104, 3721), (1124, 3757), (1218, 3910), (1232, 3922), (1279, 3979), (1307, 4015), (1346, 4066), (1372, 4102), (1374, 4105), (1438, 4171),

Gene: Lilleskat_11 Start: 8130, Stop: 9896, Start Num: 121
Candidate Starts for Lilleskat_11:
(Start: 103 @8109 has 236 MA's), (Start: 117 @8124 has 10 MA's), (Start: 121 @8130 has 5 MA's), (241, 8241), (298, 8340), (424, 8502), (487, 8574), (513, 8628), (538, 8667), (581, 8739), (620, 8829), (631, 8853), (704, 8970), (722, 8985), (778, 9093), (823, 9168), (848, 9204), (898, 9264), (992, 9384), (1006, 9405), (1064, 9444), (1113, 9498), (1115, 9501), (1129, 9519), (1163, 9573), (1182, 9603), (1193, 9615), (1279, 9705), (1295, 9723), (1405, 9852), (1433, 9879), (1435, 9882),

Gene: Lillie_8 Start: 3156, Stop: 4838, Start Num: 107
Candidate Starts for Lillie_8:
(Start: 107 @3156 has 35 MA's), (Start: 309 @3342 has 15 MA's), (362, 3414), (381, 3426), (402, 3450), (408, 3462), (513, 3615), (523, 3630), (567, 3690), (620, 3798), (647, 3855), (770, 4053), (780, 4071), (812, 4125), (956, 4269), (981, 4308), (983, 4311), (1006, 4344), (1088, 4413), (1193, 4557), (1236, 4602), (1292, 4662), (1372, 4761), (1405, 4794), (1433, 4821), (1435, 4824), (1438, 4827),

Gene: Lilo27_3 Start: 680, Stop: 2311, Start Num: 225
Candidate Starts for Lilo27_3:
(Start: 225 @680 has 84 MA's), (339, 836), (431, 944), (490, 1028), (503, 1052), (518, 1070), (569, 1127), (594, 1178), (595, 1181), (620, 1241), (628, 1259), (643, 1289), (662, 1319), (1020, 1793), (1328, 2144), (1369, 2192), (1464, 2300),

Gene: Lilpickle_7 Start: 1729, Stop: 3399, Start Num: 394
Candidate Starts for Lilpickle_7:
(319, 1603), (364, 1681), (Start: 394 @1729 has 48 MA's), (427, 1792), (551, 2026), (598, 2128), (693, 2308), (710, 2332), (724, 2350), (732, 2362), (768, 2425), (776, 2437), (808, 2482), (815, 2497), (873, 2575), (911, 2620), (934, 2674), (935, 2680), (1000, 2794), (1037, 2842), (1104, 2938), (1116, 2959), (1124, 2974), (1218, 3127), (1232, 3139), (1279, 3196), (1307, 3232), (1346, 3283), (1372, 3319), (1374, 3322), (1438, 3388),

Gene: LilyBell_2 Start: 625, Stop: 2373, Start Num: 330
Candidate Starts for LilyBell_2:
(291, 568), (294, 574), (311, 601), (Start: 330 @625 has 14 MA's), (388, 718), (469, 859), (473, 865), (486, 898), (487, 901), (554, 1039), (590, 1114), (598, 1135), (660, 1261), (732, 1363), (766, 1420), (774, 1435), (807, 1474), (913, 1630), (986, 1747), (994, 1762), (1011, 1786), (1036, 1819), (1135, 1969), (1147, 1996), (1158, 2020), (1165, 2038), (1187, 2068), (1232, 2125), (1253, 2152), (1281, 2176), (1289, 2185), (1332, 2236), (1372, 2290),

Gene: LimaBean_3 Start: 689, Stop: 2317, Start Num: 225
Candidate Starts for LimaBean_3:

(Start: 225 @689 has 84 MA's), (339, 845), (431, 953), (490, 1037), (518, 1079), (569, 1136), (594, 1187), (595, 1190), (620, 1250), (628, 1268), (643, 1298), (662, 1328), (1003, 1784), (1020, 1799), (1328, 2150), (1369, 2198), (1464, 2306),

Gene: LindNT_8 Start: 1562, Stop: 2983, Start Num: 247
Candidate Starts for LindNT_8:
(Start: 165 @1490 has 76 MA's), (Start: 230 @1550 has 31 MA's), (Start: 247 @1562 has 171 MA's), (Start: 336 @1673 has 12 MA's), (342, 1679), (391, 1757), (402, 1766), (425, 1814), (444, 1832), (487, 1901), (514, 1943), (517, 1949), (532, 1976), (533, 1979), (607, 2096), (611, 2105), (675, 2186), (792, 2300), (820, 2348), (827, 2360), (851, 2390), (870, 2414), (880, 2426), (959, 2504), (962, 2510), (1112, 2654), (1146, 2687), (1187, 2741), (1353, 2918), (1425, 2972),

Gene: Linda_8 Start: 3618, Stop: 5366, Start Num: 307
Candidate Starts for Linda_8:
(Start: 295 @3600 has 6 MA's), (Start: 307 @3618 has 198 MA's), (363, 3711), (367, 3717), (401, 3774), (433, 3837), (516, 4014), (556, 4092), (572, 4113), (611, 4215), (644, 4284), (750, 4470), (791, 4545), (805, 4569), (872, 4674), (892, 4698), (956, 4782), (1053, 4896), (1071, 4914), (1120, 4983), (1123, 4986), (1156, 5037), (1190, 5079), (1249, 5166), (1274, 5193), (1290, 5214), (1299, 5226), (1315, 5244), (1372, 5319),

Gene: Link_4 Start: 800, Stop: 2290, Start Num: 202
Candidate Starts for Link_4:
(Start: 202 @800 has 39 MA's), (245, 845), (Start: 307 @929 has 198 MA's), (Start: 318 @947 has 1 MA's), (Start: 333 @965 has 4 MA's), (Start: 336 @974 has 12 MA's), (Start: 397 @1025 has 4 MA's), (399, 1028), (405, 1037), (419, 1067), (434, 1094), (506, 1193), (577, 1292), (585, 1316), (586, 1319), (588, 1322), (607, 1367), (789, 1601), (820, 1649), (827, 1661), (864, 1700), (886, 1718), (902, 1730), (904, 1733), (922, 1754), (937, 1760), (946, 1772), (987, 1850), (1047, 1904), (1112, 1958), (1121, 1970), (1206, 2063), (1299, 2147), (1349, 2204), (1406, 2273),

Gene: LionelHutz_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for LionelHutz_3:
(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (806, 1881), (817, 1896), (842, 1932), (880, 1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298), (1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: LionsBait_13 Start: 9186, Stop: 10973, Start Num: 103
Candidate Starts for LionsBait_13:
(Start: 103 @9186 has 236 MA's), (Start: 217 @9294 has 1 MA's), (234, 9315), (288, 9405), (298, 9423), (314, 9447), (512, 9705), (513, 9708), (538, 9747), (581, 9816), (620, 9906), (631, 9930), (704, 10047), (722, 10062), (1088, 10548), (1113, 10575), (1129, 10596), (1193, 10692), (1405, 10929), (1433, 10956), (1435, 10959),

Gene: LisoBros_2 Start: 462, Stop: 1961, Start Num: 195
Candidate Starts for LisoBros_2:
(Start: 195 @462 has 1 MA's), (342, 636), (483, 807), (572, 930), (591, 972), (607, 1014), (618, 1035), (650, 1092), (702, 1164), (720, 1194), (794, 1308), (940, 1464), (957, 1494), (960, 1500), (984, 1545), (1082, 1626), (1136, 1680), (1413, 1950),

Gene: Litotes_5 Start: 3057, Stop: 4625, Start Num: 165
Candidate Starts for Litotes_5:
(Start: 165 @3057 has 76 MA's), (314, 3243), (334, 3273), (Start: 397 @3324 has 4 MA's), (405, 3336), (419, 3366), (431, 3390), (463, 3414), (518, 3516), (569, 3597), (593, 3645), (620, 3711), (643, 3759),

(648, 3768), (770, 3870), (790, 3900), (813, 3939), (877, 4026), (961, 4119), (1009, 4191), (1046, 4227), (1133, 4323), (1212, 4389), (1264, 4419), (1274, 4425), (1328, 4491), (1451, 4611),

Gene: LittleB_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for LittleB_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (508, 7328), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: LittleCherry_9 Start: 6189, Stop: 7940, Start Num: 67
Candidate Starts for LittleCherry_9:
(Start: 54 @6162 has 19 MA's), (Start: 67 @6189 has 32 MA's), (Start: 115 @6258 has 1 MA's), (Start: 237 @6372 has 1 MA's), (241, 6378), (362, 6510), (424, 6585), (425, 6588), (467, 6621), (487, 6654), (551, 6762), (567, 6786), (581, 6819), (620, 6894), (641, 6939), (690, 7017), (693, 7023), (728, 7068), (812, 7221), (825, 7242), (983, 7416), (999, 7440), (1001, 7443), (1080, 7503), (1088, 7515), (1113, 7542), (1129, 7563), (1182, 7647), (1193, 7659), (1405, 7896), (1438, 7929), (1443, 7935),

Gene: LittleGuy_11 Start: 6827, Stop: 8524, Start Num: 102
Candidate Starts for LittleGuy_11:
(28, 6650), (34, 6668), (38, 6698), (Start: 102 @6827 has 400 MA's), (Start: 124 @6851 has 46 MA's), (Start: 251 @6974 has 3 MA's), (350, 7064), (381, 7097), (467, 7196), (512, 7280), (513, 7283), (538, 7322), (581, 7391), (593, 7415), (620, 7481), (675, 7571), (774, 7736), (825, 7823), (848, 7856), (923, 7922), (981, 7994), (983, 7997), (999, 8021), (1064, 8072), (1080, 8087), (1113, 8126), (1129, 8147), (1193, 8243), (1405, 8480), (1435, 8510), (1438, 8513),

Gene: LittleLaf_35 Start: 10850, Stop: 12592, Start Num: 170
Candidate Starts for LittleLaf_35:
(Start: 170 @10850 has 103 MA's), (302, 10967), (Start: 330 @11012 has 14 MA's), (369, 11078), (374, 11093), (402, 11126), (Start: 403 @11129 has 1 MA's), (411, 11144), (425, 11168), (426, 11171), (467, 11201), (479, 11222), (485, 11240), (488, 11249), (505, 11285), (513, 11300), (543, 11345), (575, 11387), (590, 11426), (595, 11438), (603, 11459), (632, 11510), (647, 11531), (798, 11753), (866, 11858), (874, 11867), (930, 11900), (954, 11921), (956, 11924), (969, 11951), (983, 11981), (992, 11993), (1001, 12008), (1009, 12017), (1015, 12023), (1062, 12065), (1074, 12074), (1084, 12089), (1100, 12104), (1146, 12164), (1163, 12203), (1185, 12236), (1214, 12266), (1217, 12269), (1265, 12353), (1292, 12407), (1304, 12422), (1332, 12449), (1372, 12503), (1451, 12575), (1453, 12578),

Gene: LittleRon_2 Start: 625, Stop: 2373, Start Num: 330
Candidate Starts for LittleRon_2:
(294, 574), (311, 601), (Start: 330 @625 has 14 MA's), (388, 718), (469, 859), (473, 865), (486, 898), (487, 901), (493, 919), (513, 961), (554, 1039), (566, 1063), (576, 1075), (590, 1114), (598, 1135), (611, 1168), (641, 1222), (656, 1255), (660, 1261), (732, 1363), (766, 1420), (774, 1435), (807, 1474), (873, 1570), (986, 1747), (994, 1762), (1011, 1786), (1135, 1969), (1147, 1996), (1158, 2020), (1165, 2038), (1187, 2068), (1232, 2125), (1253, 2152), (1281, 2176), (1289, 2185), (1303, 2203), (1332, 2236), (1372, 2290),

Gene: LittleTokyo_3 Start: 691, Stop: 2322, Start Num: 171
Candidate Starts for LittleTokyo_3:
(Start: 85 @580 has 2 MA's), (Start: 165 @685 has 76 MA's), (Start: 171 @691 has 16 MA's), (203, 724), (Start: 318 @865 has 1 MA's), (334, 886), (Start: 397 @937 has 4 MA's), (405, 949), (422, 985), (431, 1003), (444, 1009), (463, 1027), (569, 1186), (594, 1237), (620, 1300), (650, 1360), (665, 1381),

(713, 1453), (803, 1579), (852, 1639), (921, 1720), (942, 1735), (954, 1756), (983, 1807), (1020, 1849), (1048, 1879), (1096, 1918), (1102, 1927), (1151, 1996), (1239, 2098), (1257, 2107), (1261, 2113), (1283, 2134), (1286, 2137), (1305, 2161), (1361, 2227), (1364, 2230), (1394, 2269), (1449, 2311),

Gene: Livingwater_3 Start: 1071, Stop: 2531, Start Num: 250
Candidate Starts for Livingwater_3:
(Start: 250 @1071 has 144 MA's), (Start: 254 @1077 has 2 MA's), (358, 1239), (363, 1248), (399, 1308), (444, 1377), (465, 1398), (488, 1449), (619, 1653), (637, 1677), (755, 1788), (806, 1866), (817, 1881), (842, 1917), (880, 1959), (911, 1992), (926, 2010), (1015, 2130), (1020, 2133), (1039, 2145), (1113, 2220), (1172, 2283), (1187, 2301), (1190, 2304), (1330, 2466), (1337, 2475), (1372, 2523),

Gene: LiyuLake_5 Start: 1193, Stop: 2758, Start Num: 138
Candidate Starts for LiyuLake_5:
(97, 1142), (Start: 105 @1151 has 85 MA's), (Start: 138 @1193 has 120 MA's), (Start: 142 @1199 has 6 MA's), (293, 1370), (Start: 318 @1403 has 1 MA's), (396, 1475), (402, 1481), (405, 1487), (506, 1643), (512, 1652), (513, 1655), (515, 1658), (566, 1733), (591, 1787), (593, 1790), (594, 1793), (762, 2015), (766, 2024), (813, 2099), (827, 2120), (832, 2126), (855, 2153), (900, 2195), (942, 2219), (954, 2237), (962, 2252), (1060, 2366), (1113, 2405), (1116, 2411), (1172, 2477), (1263, 2567), (1278, 2579), (1329, 2618), (1400, 2705), (1448, 2750), (1450, 2753),

Gene: Lizalica_2 Start: 531, Stop: 2237, Start Num: 124
Candidate Starts for Lizalica_2:
(3, 54), (12, 240), (13, 243), (Start: 124 @531 has 46 MA's), (486, 903), (513, 960), (546, 1008), (595, 1098), (623, 1152), (693, 1272), (748, 1362), (881, 1524), (953, 1599), (983, 1647), (1064, 1731), (1129, 1806), (1193, 1902), (1209, 1917), (1250, 1971), (1292, 2052), (1363, 2136), (1381, 2160),

Gene: Lizziana_2 Start: 573, Stop: 2210, Start Num: 155
Candidate Starts for Lizziana_2:
(Start: 155 @573 has 202 MA's), (163, 582), (Start: 176 @597 has 3 MA's), (Start: 204 @618 has 1 MA's), (Start: 247 @654 has 171 MA's), (Start: 250 @657 has 144 MA's), (261, 675), (Start: 318 @720 has 1 MA's), (353, 759), (412, 846), (454, 906), (484, 930), (487, 939), (488, 942), (496, 963), (508, 984), (516, 999), (548, 1056), (575, 1095), (602, 1164), (604, 1170), (621, 1200), (622, 1203), (627, 1212), (635, 1227), (647, 1245), (680, 1296), (736, 1389), (740, 1398), (862, 1569), (874, 1581), (983, 1665), (1005, 1695), (1007, 1698), (1010, 1701), (1080, 1758), (1097, 1773), (1101, 1779), (1104, 1782), (1113, 1797), (1117, 1806), (1149, 1845), (1164, 1875), (1190, 1905), (1196, 1914), (1225, 1947), (1250, 1980), (1265, 2007), (1297, 2040), (1325, 2070), (1349, 2091), (1365, 2115), (1372, 2124), (1374, 2127), (1429, 2184),

Gene: Llama_2 Start: 581, Stop: 2218, Start Num: 155
Candidate Starts for Llama_2:
(Start: 146 @578 has 2 MA's), (Start: 155 @581 has 202 MA's), (Start: 176 @605 has 3 MA's), (Start: 217 @638 has 1 MA's), (Start: 247 @662 has 171 MA's), (Start: 250 @665 has 144 MA's), (Start: 318 @728 has 1 MA's), (353, 767), (412, 854), (414, 860), (454, 914), (484, 938), (487, 947), (488, 950), (496, 971), (508, 992), (548, 1064), (575, 1103), (602, 1172), (604, 1178), (621, 1208), (622, 1211), (627, 1220), (635, 1235), (647, 1253), (680, 1304), (736, 1397), (740, 1406), (862, 1577), (874, 1589), (983, 1673), (1005, 1703), (1007, 1706), (1010, 1709), (1080, 1766), (1097, 1781), (1101, 1787), (1104, 1790), (1113, 1805), (1117, 1814), (1164, 1883), (1190, 1913), (1196, 1922), (1225, 1955), (1250, 1988), (1265, 2015), (1297, 2048), (1315, 2069), (1320, 2075), (1325, 2078), (1349, 2099), (1365, 2123), (1372, 2132), (1374, 2135), (1429, 2192),

Gene: Llij_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Llij_2:

(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (736, 1403), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1244, 1982), (1250, 1994), (1265, 2021), (1297, 2054), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: Llorens_8 Start: 1637, Stop: 3058, Start Num: 247
Candidate Starts for Llorens_8:
(Start: 165 @1565 has 76 MA's), (Start: 230 @1625 has 31 MA's), (Start: 247 @1637 has 171 MA's), (Start: 336 @1748 has 12 MA's), (342, 1754), (391, 1832), (402, 1841), (425, 1889), (444, 1907), (487, 1976), (514, 2018), (517, 2024), (532, 2051), (533, 2054), (607, 2171), (611, 2180), (675, 2261), (792, 2375), (820, 2423), (827, 2435), (851, 2465), (870, 2489), (880, 2501), (959, 2579), (962, 2585), (1112, 2729), (1146, 2762), (1187, 2816), (1353, 2993), (1425, 3047),

Gene: Loadrie_4 Start: 1069, Stop: 2637, Start Num: 138
Candidate Starts for Loadrie_4:
(Start: 138 @1069 has 120 MA's), (Start: 142 @1075 has 6 MA's), (Start: 284 @1231 has 1 MA's), (512, 1528), (515, 1534), (556, 1594), (591, 1666), (594, 1672), (675, 1792), (710, 1840), (762, 1894), (776, 1918), (807, 1963), (809, 1969), (827, 1999), (832, 2005), (855, 2032), (863, 2041), (942, 2098), (946, 2104), (959, 2125), (962, 2131), (1020, 2206), (1023, 2209), (1060, 2245), (1116, 2290), (1172, 2356), (1234, 2431), (1266, 2449), (1278, 2458), (1420, 2605), (1448, 2629), (1450, 2632),

Gene: Loca_3 Start: 1092, Stop: 2552, Start Num: 250
Candidate Starts for Loca_3:
(Start: 250 @1092 has 144 MA's), (Start: 254 @1098 has 2 MA's), (358, 1260), (363, 1269), (399, 1329), (444, 1398), (465, 1419), (488, 1470), (619, 1674), (755, 1809), (806, 1887), (817, 1902), (842, 1938), (880, 1980), (911, 2013), (926, 2031), (1015, 2151), (1020, 2154), (1113, 2241), (1172, 2304), (1187, 2322), (1190, 2325), (1330, 2487), (1337, 2496), (1372, 2544),

Gene: LochMonster_11 Start: 6859, Stop: 8556, Start Num: 102
Candidate Starts for LochMonster_11:
(Start: 102 @6859 has 400 MA's), (Start: 124 @6883 has 46 MA's), (Start: 251 @7006 has 3 MA's), (350, 7096), (381, 7129), (467, 7228), (512, 7312), (513, 7315), (538, 7354), (581, 7423), (593, 7447), (620, 7513), (675, 7603), (825, 7855), (848, 7888), (923, 7954), (981, 8026), (983, 8029), (999, 8053), (1064, 8104), (1080, 8119), (1113, 8158), (1129, 8179), (1193, 8275), (1405, 8512), (1435, 8542), (1438, 8545),

Gene: Lockley_11 Start: 6937, Stop: 8625, Start Num: 102
Candidate Starts for Lockley_11:
(Start: 102 @6937 has 400 MA's), (381, 7201), (402, 7225), (513, 7387), (581, 7495), (620, 7585), (631, 7609), (647, 7636), (679, 7684), (728, 7753), (774, 7840), (778, 7849), (809, 7900), (1009, 8134), (1021, 8146), (1080, 8188), (1100, 8209), (1117, 8236), (1193, 8344), (1279, 8434), (1365, 8539),

Gene: LogiBear_15 Start: 7397, Stop: 9094, Start Num: 103
Candidate Starts for LogiBear_15:
(Start: 103 @7397 has 236 MA's), (120, 7412), (174, 7466), (302, 7574), (381, 7667), (424, 7730), (513, 7856), (581, 7964), (620, 8054), (631, 8078), (718, 8207), (914, 8483), (983, 8570), (992, 8582), (999, 8594), (1080, 8657), (1113, 8696), (1129, 8717), (1193, 8813), (1292, 8918), (1340, 8972),

(1405, 9050), (1433, 9077), (1435, 9080), (1438, 9083),

Gene: Lokk_15 Start: 9141, Stop: 10922, Start Num: 103
Candidate Starts for Lokk_15:
(41, 9021), (82, 9114), (Start: 103 @9141 has 236 MA's), (241, 9273), (282, 9348), (298, 9372), (Start: 330 @9423 has 14 MA's), (512, 9654), (513, 9657), (538, 9696), (581, 9765), (620, 9855), (631, 9879), (693, 9978), (718, 10008), (722, 10011), (1064, 10470), (1080, 10485), (1088, 10497), (1113, 10524), (1129, 10545), (1193, 10641), (1405, 10878), (1433, 10905), (1435, 10908),

Gene: Lola20_3 Start: 1071, Stop: 2531, Start Num: 250
Candidate Starts for Lola20_3:
(Start: 250 @1071 has 144 MA's), (Start: 254 @1077 has 2 MA's), (358, 1239), (363, 1248), (399, 1308), (444, 1377), (465, 1398), (488, 1449), (619, 1653), (806, 1866), (817, 1881), (842, 1917), (880, 1959), (911, 1992), (926, 2010), (1015, 2130), (1020, 2133), (1039, 2145), (1113, 2220), (1172, 2283), (1187, 2301), (1190, 2304), (1330, 2466), (1337, 2475), (1344, 2484), (1372, 2523),

Gene: Lollipop1437_29 Start: 13812, Stop: 15491, Start Num: 155
Candidate Starts for Lollipop1437_29:
(Start: 155 @13812 has 202 MA's), (Start: 317 @13962 has 15 MA's), (353, 14019), (372, 14046), (379, 14058), (408, 14097), (424, 14130), (621, 14472), (635, 14499), (740, 14667), (748, 14679), (768, 14712), (824, 14790), (953, 14892), (1034, 15006), (1104, 15087), (1113, 15102), (1146, 15144), (1196, 15210), (1203, 15222), (1237, 15258), (1258, 15285), (1320, 15354), (1325, 15357), (1387, 15426),

Gene: Lolly9_5 Start: 1196, Stop: 2761, Start Num: 138
Candidate Starts for Lolly9_5:
(Start: 138 @1196 has 120 MA's), (Start: 142 @1202 has 6 MA's), (293, 1373), (396, 1478), (405, 1490), (506, 1646), (512, 1655), (513, 1658), (515, 1661), (566, 1736), (591, 1790), (593, 1793), (594, 1796), (725, 1985), (766, 2027), (813, 2102), (827, 2123), (832, 2129), (900, 2198), (954, 2240), (959, 2249), (962, 2255), (1060, 2369), (1113, 2408), (1116, 2414), (1172, 2480), (1216, 2534), (1263, 2570), (1278, 2582), (1329, 2621), (1400, 2708), (1448, 2753), (1450, 2756),

Gene: London_2 Start: 534, Stop: 2240, Start Num: 124
Candidate Starts for London_2:
(Start: 124 @534 has 46 MA's), (Start: 232 @621 has 1 MA's), (486, 906), (513, 963), (525, 984), (546, 1011), (595, 1101), (623, 1155), (645, 1200), (693, 1275), (748, 1365), (851, 1488), (881, 1527), (983, 1650), (1146, 1830), (1163, 1863), (1193, 1905), (1209, 1920), (1292, 2055), (1325, 2091), (1372, 2151), (1381, 2163),

Gene: LoneWolf_13 Start: 7971, Stop: 9743, Start Num: 117
Candidate Starts for LoneWolf_13:
(Start: 103 @7956 has 236 MA's), (Start: 117 @7971 has 10 MA's), (241, 8088), (298, 8187), (314, 8211), (424, 8349), (487, 8421), (513, 8475), (538, 8514), (581, 8586), (620, 8676), (631, 8700), (679, 8775), (722, 8832), (778, 8940), (823, 9015), (848, 9051), (898, 9111), (953, 9171), (992, 9231), (1006, 9252), (1064, 9291), (1113, 9345), (1115, 9348), (1129, 9366), (1163, 9420), (1182, 9450), (1193, 9462), (1281, 9555), (1295, 9570), (1405, 9699), (1433, 9726), (1435, 9729),

Gene: LonelyBoi_2 Start: 485, Stop: 2284, Start Num: 87
Candidate Starts for LonelyBoi_2:
(Start: 87 @485 has 22 MA's), (Start: 207 @623 has 6 MA's), (354, 782), (362, 797), (469, 911), (477, 923), (485, 932), (502, 971), (513, 992), (573, 1076), (602, 1148), (623, 1184), (642, 1220), (696, 1310), (711, 1331), (732, 1376), (735, 1382), (746, 1400), (759, 1415), (927, 1589), (956, 1616), (1001, 1685), (1006, 1691), (1080, 1757), (1088, 1769), (1102, 1796), (1165, 1907), (1182, 1943), (1193,

1955), (1211, 1979), (1234, 2006), (1249, 2030), (1287, 2093), (1325, 2135), (1370, 2192), (1381, 2207), (1399, 2222), (1402, 2225), (1445, 2270), (1448, 2273),

Gene: LongHai_6 Start: 2100, Stop: 3764, Start Num: 170
Candidate Starts for LongHai_6:
(Start: 170 @2100 has 103 MA's), (222, 2139), (241, 2163), (362, 2292), (485, 2439), (490, 2454), (513, 2499), (543, 2547), (569, 2583), (594, 2640), (603, 2664), (625, 2700), (748, 2898), (760, 2913), (780, 2952), (932, 3138), (969, 3189), (983, 3219), (1165, 3432), (1188, 3462), (1214, 3489), (1226, 3501), (1269, 3537), (1270, 3540), (1346, 3633), (1387, 3690),

Gene: Loofah_7 Start: 2247, Stop: 3908, Start Num: 95
Candidate Starts for Loofah_7:
(Start: 95 @2247 has 98 MA's), (407, 2565), (485, 2658), (490, 2673), (504, 2700), (515, 2721), (575, 2808), (620, 2904), (636, 2937), (675, 2991), (693, 3024), (712, 3048), (751, 3117), (813, 3180), (816, 3186), (838, 3216), (851, 3234), (928, 3300), (981, 3363), (983, 3366), (992, 3378), (997, 3387), (1004, 3396), (1064, 3450), (1088, 3477), (1193, 3624), (1214, 3645), (1236, 3669), (1292, 3729), (1372, 3825), (1445, 3903),

Gene: Looper_15 Start: 6686, Stop: 8383, Start Num: 103
Candidate Starts for Looper_15:
(Start: 103 @6686 has 236 MA's), (120, 6704), (302, 6866), (424, 7022), (487, 7091), (513, 7145), (581, 7253), (594, 7280), (620, 7343), (631, 7367), (999, 7883), (1080, 7946), (1115, 7988), (1193, 8102), (1292, 8207), (1405, 8339), (1433, 8366), (1435, 8369), (1438, 8372),

Gene: LordFarquaad_2 Start: 318, Stop: 1889, Start Num: 151
Candidate Starts for LordFarquaad_2:
(Start: 151 @318 has 55 MA's), (Start: 297 @474 has 6 MA's), (Start: 318 @504 has 1 MA's), (342, 537), (421, 621), (425, 630), (465, 666), (491, 726), (566, 816), (568, 819), (607, 912), (620, 936), (648, 978), (689, 1032), (723, 1071), (778, 1137), (789, 1149), (808, 1179), (840, 1212), (919, 1293), (959, 1338), (962, 1344), (971, 1365), (1054, 1455), (1109, 1500), (1112, 1506), (1142, 1536), (1146, 1539), (1187, 1593), (1216, 1629), (1280, 1680), (1331, 1740), (1334, 1743), (1371, 1785), (1461, 1872),

Gene: Lore_4 Start: 800, Stop: 2290, Start Num: 202
Candidate Starts for Lore_4:
(Start: 202 @800 has 39 MA's), (245, 845), (Start: 318 @947 has 1 MA's), (Start: 336 @974 has 12 MA's), (Start: 397 @1025 has 4 MA's), (405, 1037), (419, 1067), (425, 1079), (434, 1094), (485, 1160), (513, 1205), (577, 1292), (585, 1316), (586, 1319), (588, 1322), (607, 1367), (620, 1391), (631, 1400), (677, 1466), (725, 1529), (745, 1541), (776, 1583), (789, 1601), (827, 1661), (886, 1718), (902, 1730), (922, 1754), (946, 1772), (987, 1850), (1047, 1904), (1112, 1958), (1121, 1970), (1127, 1979), (1201, 2054), (1206, 2063), (1228, 2090), (1299, 2147), (1346, 2201), (1406, 2273),

Gene: Lorelei_6 Start: 2392, Stop: 4020, Start Num: 113
Candidate Starts for Lorelei_6:
(Start: 95 @2374 has 98 MA's), (Start: 113 @2392 has 11 MA's), (Start: 330 @2596 has 14 MA's), (362, 2632), (504, 2812), (515, 2833), (548, 2878), (575, 2920), (603, 2992), (620, 3016), (680, 3115), (690, 3130), (704, 3154), (712, 3160), (838, 3328), (983, 3478), (997, 3499), (1088, 3589), (1165, 3697), (1193, 3736), (1214, 3757), (1219, 3763), (1236, 3781), (1372, 3937), (1445, 4015),

Gene: Lorenzo_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Lorenzo_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054),

(999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Loretta_7 Start: 3620, Stop: 5359, Start Num: 307
Candidate Starts for Loretta_7:
(Start: 307 @3620 has 198 MA's), (367, 3719), (433, 3839), (485, 3938), (502, 3980), (516, 4010), (556, 4088), (572, 4109), (611, 4211), (644, 4280), (693, 4361), (750, 4466), (791, 4541), (805, 4565), (872, 4670), (892, 4694), (956, 4775), (981, 4823), (1053, 4889), (1071, 4907), (1120, 4976), (1273, 5183), (1290, 5207), (1299, 5219), (1370, 5309), (1372, 5312),

Gene: Loser_15 Start: 9241, Stop: 11001, Start Num: 103
Candidate Starts for Loser_15:
(Start: 103 @9241 has 236 MA's), (Start: 217 @9349 has 1 MA's), (234, 9370), (282, 9454), (298, 9478), (362, 9565), (487, 9709), (513, 9763), (581, 9871), (620, 9961), (631, 9985), (722, 10117), (803, 10261), (916, 10393), (983, 10477), (1064, 10549), (1080, 10564), (1113, 10603), (1115, 10606), (1129, 10624), (1193, 10720), (1250, 10789), (1405, 10957), (1433, 10984), (1435, 10987), (1438, 10990), (1440, 10993),

Gene: Louie6_13 Start: 7044, Stop: 8744, Start Num: 105
Candidate Starts for Louie6_13:
(Start: 105 @7044 has 85 MA's), (Start: 145 @7092 has 1 MA's), (302, 7227), (467, 7419), (513, 7506), (620, 7704), (675, 7794), (718, 7857), (809, 8019), (983, 8217), (999, 8241), (1001, 8244), (1080, 8307), (1088, 8319), (1100, 8328), (1113, 8346), (1129, 8367), (1193, 8463), (1241, 8517), (1279, 8553), (1405, 8700), (1435, 8730), (1438, 8733),

Gene: LouisV14_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for LouisV14_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: LouisXIV_4 Start: 800, Stop: 2290, Start Num: 202
Candidate Starts for LouisXIV_4:
(Start: 202 @800 has 39 MA's), (245, 845), (Start: 318 @947 has 1 MA's), (Start: 333 @965 has 4 MA's), (Start: 336 @974 has 12 MA's), (Start: 397 @1025 has 4 MA's), (399, 1028), (405, 1037), (419, 1067), (434, 1094), (506, 1193), (577, 1292), (585, 1316), (586, 1319), (588, 1322), (607, 1367), (789, 1601), (820, 1649), (827, 1661), (864, 1700), (886, 1718), (902, 1730), (904, 1733), (922, 1754), (937, 1760), (946, 1772), (987, 1850), (1047, 1904), (1112, 1958), (1121, 1970), (1156, 2015), (1206, 2063), (1299, 2147), (1349, 2204), (1406, 2273),

Gene: Loviatar_3 Start: 960, Stop: 2585, Start Num: 225
Candidate Starts for Loviatar_3:
(Start: 225 @960 has 84 MA's), (Start: 254 @996 has 2 MA's), (339, 1116), (431, 1224), (459, 1239), (490, 1308), (520, 1353), (594, 1458), (595, 1461), (620, 1521), (628, 1539), (630, 1542), (643, 1569), (662, 1599), (774, 1761), (956, 1977), (1003, 2052), (1015, 2064), (1261, 2343), (1328, 2418),

Gene: Lowa_13 Start: 6949, Stop: 8649, Start Num: 105
Candidate Starts for Lowa_13:
(Start: 105 @6949 has 85 MA's), (Start: 145 @6997 has 1 MA's), (302, 7132), (467, 7324), (513, 7411), (620, 7609), (675, 7699), (718, 7762), (809, 7924), (983, 8122), (999, 8146), (1001, 8149), (1080,

8212), (1100, 8233), (1129, 8272), (1193, 8368), (1241, 8422), (1279, 8458), (1405, 8605), (1435, 8635), (1438, 8638),

Gene: Lozinak_30 Start: 8683, Stop: 10431, Start Num: 148
Candidate Starts for Lozinak_30:
(Start: 148 @8683 has 26 MA's), (Start: 176 @8713 has 3 MA's), (325, 8842), (457, 9028), (473, 9067), (488, 9091), (502, 9121), (512, 9139), (529, 9166), (543, 9196), (645, 9388), (654, 9406), (756, 9568), (787, 9616), (797, 9631), (963, 9814), (966, 9820), (1026, 9904), (1086, 9991), (1115, 10024), (1198, 10138), (1229, 10174), (1250, 10198), (1258, 10213), (1412, 10387), (1418, 10393),

Gene: Lton_2 Start: 501, Stop: 1940, Start Num: 299
Candidate Starts for Lton_2:
(Start: 136 @336 has 1 MA's), (Start: 191 @399 has 4 MA's), (Start: 225 @426 has 84 MA's), (Start: 228 @429 has 40 MA's), (Start: 230 @432 has 31 MA's), (Start: 238 @441 has 22 MA's), (Start: 299 @501 has 5 MA's), (316, 528), (Start: 322 @540 has 1 MA's), (331, 552), (371, 615), (391, 645), (Start: 397 @654 has 4 MA's), (399, 657), (411, 678), (463, 744), (465, 747), (487, 795), (490, 804), (491, 807), (568, 915), (583, 951), (594, 972), (604, 999), (611, 1017), (613, 1020), (637, 1062), (641, 1071), (690, 1134), (744, 1158), (748, 1164), (784, 1209), (813, 1260), (820, 1269), (822, 1272), (848, 1311), (851, 1314), (877, 1344), (959, 1416), (962, 1422), (1018, 1494), (1023, 1497), (1072, 1530), (1126, 1596), (1129, 1599), (1174, 1662), (1201, 1692), (1232, 1731), (1235, 1734), (1262, 1758), (1276, 1770), (1278, 1773), (1339, 1839), (1345, 1848), (1348, 1851), (1353, 1857), (1359, 1863), (1428, 1929),

Gene: Luchador_12 Start: 7549, Stop: 9303, Start Num: 103
Candidate Starts for Luchador_12:
(91, 7534), (Start: 103 @7549 has 236 MA's), (Start: 121 @7567 has 5 MA's), (222, 7654), (241, 7678), (275, 7732), (281, 7744), (282, 7753), (298, 7777), (Start: 330 @7828 has 14 MA's), (354, 7849), (512, 8059), (513, 8062), (581, 8173), (593, 8197), (620, 8263), (631, 8287), (675, 8353), (722, 8419), (778, 8527), (823, 8602), (920, 8704), (983, 8779), (992, 8791), (999, 8803), (1001, 8806), (1080, 8866), (1129, 8926), (1193, 9022), (1250, 9091), (1405, 9259), (1433, 9286),

Gene: Lucivia_12 Start: 8073, Stop: 9836, Start Num: 103
Candidate Starts for Lucivia_12:
(42, 7953), (Start: 103 @8073 has 236 MA's), (Start: 121 @8094 has 5 MA's), (Start: 217 @8181 has 1 MA's), (298, 8310), (314, 8334), (362, 8397), (487, 8541), (512, 8592), (513, 8595), (581, 8706), (593, 8730), (594, 8733), (620, 8796), (623, 8805), (631, 8820), (704, 8937), (722, 8952), (751, 9012), (803, 9096), (992, 9324), (999, 9336), (1064, 9384), (1080, 9399), (1113, 9438), (1129, 9459), (1155, 9498), (1182, 9543), (1193, 9555), (1405, 9792), (1433, 9819),

Gene: Lucky10_2 Start: 313, Stop: 1758, Start Num: 225
Candidate Starts for Lucky10_2:
(Start: 225 @313 has 84 MA's), (363, 484), (463, 616), (490, 676), (517, 715), (568, 769), (583, 805), (594, 826), (602, 847), (611, 871), (623, 895), (636, 904), (640, 913), (641, 916), (773, 1042), (816, 1108), (940, 1240), (943, 1246), (959, 1267), (962, 1273), (1042, 1342), (1082, 1384), (1111, 1411), (1157, 1471), (1160, 1477), (1187, 1501), (1283, 1591), (1348, 1675), (1353, 1681), (1358, 1687), (1367, 1696),

Gene: Lucky2013_10 Start: 3458, Stop: 4990, Start Num: 233
Candidate Starts for Lucky2013_10:
(Start: 198 @3416 has 4 MA's), (Start: 205 @3425 has 1 MA's), (Start: 233 @3458 has 12 MA's), (331, 3572), (380, 3635), (Start: 403 @3668 has 1 MA's), (405, 3671), (424, 3710), (426, 3716), (484, 3791), (500, 3827), (566, 3902), (568, 3905), (583, 3941), (599, 3974), (766, 4223), (808, 4286), (822, 4313), (960, 4472), (975, 4508), (993, 4529), (1005, 4538), (1015, 4547), (1082, 4601), (1112, 4625), (1349,

4859), (1358, 4871),

Gene: Lucy_2 Start: 426, Stop: 1991, Start Num: 165
Candidate Starts for Lucy_2:
(Start: 165 @426 has 76 MA's), (270, 549), (310, 603), (Start: 333 @636 has 4 MA's), (334, 639), (Start: 397 @690 has 4 MA's), (419, 732), (431, 756), (463, 780), (557, 942), (620, 1077), (630, 1098), (650, 1137), (672, 1167), (770, 1236), (790, 1266), (803, 1281), (818, 1314), (852, 1362), (861, 1371), (941, 1449), (961, 1485), (983, 1524), (1009, 1557), (1020, 1566), (1046, 1593), (1105, 1647), (1133, 1689), (1197, 1734), (1212, 1755), (1232, 1779), (1328, 1857),

Gene: LucySwiss_7 Start: 3568, Stop: 5307, Start Num: 307
Candidate Starts for LucySwiss_7:
(Start: 307 @3568 has 198 MA's), (367, 3667), (433, 3787), (485, 3886), (502, 3928), (516, 3958), (532, 3988), (556, 4036), (572, 4057), (611, 4159), (644, 4228), (656, 4252), (709, 4342), (750, 4414), (791, 4489), (805, 4513), (872, 4618), (892, 4642), (956, 4723), (981, 4771), (1053, 4837), (1071, 4855), (1076, 4861), (1120, 4924), (1123, 4927), (1252, 5116), (1273, 5131), (1274, 5134), (1290, 5155), (1299, 5167), (1370, 5257), (1372, 5260),

Gene: Lucyedi_13 Start: 7527, Stop: 9281, Start Num: 103
Candidate Starts for Lucyedi_13:
(Start: 103 @7527 has 236 MA's), (241, 7659), (298, 7758), (362, 7845), (424, 7920), (487, 7989), (512, 8040), (513, 8043), (581, 8151), (620, 8241), (631, 8265), (718, 8394), (722, 8397), (735, 8433), (916, 8673), (923, 8682), (983, 8757), (1064, 8829), (1080, 8844), (1113, 8883), (1129, 8904), (1182, 8988), (1193, 9000), (1292, 9105), (1365, 9195), (1372, 9204), (1405, 9237), (1433, 9264), (1435, 9267), (1438, 9270), (1440, 9273),

Gene: LugYA_15 Start: 6955, Stop: 8655, Start Num: 105
Candidate Starts for LugYA_15:
(Start: 105 @6955 has 85 MA's), (Start: 145 @7003 has 1 MA's), (302, 7138), (467, 7330), (513, 7417), (537, 7453), (620, 7615), (675, 7705), (718, 7768), (809, 7930), (983, 8128), (999, 8152), (1001, 8155), (1080, 8218), (1100, 8239), (1129, 8278), (1193, 8374), (1241, 8428), (1279, 8464), (1405, 8611), (1435, 8641), (1438, 8644),

Gene: Luke_5 Start: 1894, Stop: 3489, Start Num: 153
Candidate Starts for Luke_5:
(Start: 102 @1855 has 400 MA's), (Start: 153 @1894 has 15 MA's), (Start: 208 @1942 has 5 MA's), (342, 2113), (396, 2152), (512, 2332), (516, 2341), (522, 2350), (566, 2413), (570, 2419), (605, 2503), (606, 2506), (607, 2509), (675, 2605), (677, 2608), (680, 2617), (745, 2683), (766, 2713), (785, 2740), (807, 2773), (820, 2794), (822, 2797), (919, 2893), (946, 2914), (1002, 3004), (1051, 3046), (1074, 3064), (1078, 3070), (1146, 3133), (1149, 3139), (1150, 3142), (1187, 3187), (1191, 3193), (1213, 3220), (1226, 3235), (1290, 3286), (1297, 3295), (1309, 3310), (1317, 3313), (1346, 3352), (1358, 3367), (1371, 3382), (1374, 3385), (1460, 3463), (1462, 3469),

Gene: Lumos_5 Start: 1190, Stop: 2755, Start Num: 138
Candidate Starts for Lumos_5:
(97, 1139), (Start: 105 @1148 has 85 MA's), (Start: 138 @1190 has 120 MA's), (Start: 142 @1196 has 6 MA's), (293, 1367), (Start: 317 @1397 has 15 MA's), (396, 1472), (402, 1478), (405, 1484), (506, 1640), (512, 1649), (513, 1652), (515, 1655), (566, 1730), (591, 1784), (593, 1787), (594, 1790), (766, 2021), (813, 2096), (827, 2117), (832, 2123), (900, 2192), (942, 2216), (954, 2234), (962, 2249), (1060, 2363), (1113, 2402), (1116, 2408), (1172, 2474), (1216, 2528), (1263, 2564), (1278, 2576), (1329, 2615), (1400, 2702), (1448, 2747), (1450, 2750),

Gene: Luna22_5 Start: 1855, Stop: 3489, Start Num: 102

Candidate Starts for Luna22_5:
(Start: 102 @1855 has 400 MA's), (Start: 153 @1894 has 15 MA's), (Start: 208 @1942 has 5 MA's), (342, 2113), (396, 2152), (512, 2332), (516, 2341), (522, 2350), (566, 2413), (570, 2419), (605, 2503), (606, 2506), (607, 2509), (675, 2605), (677, 2608), (680, 2617), (745, 2683), (766, 2713), (785, 2740), (807, 2773), (820, 2794), (822, 2797), (919, 2893), (946, 2914), (1002, 3004), (1051, 3046), (1074, 3064), (1078, 3070), (1146, 3133), (1149, 3139), (1150, 3142), (1187, 3187), (1191, 3193), (1213, 3220), (1226, 3235), (1290, 3286), (1297, 3295), (1309, 3310), (1317, 3313), (1346, 3352), (1358, 3367), (1371, 3382), (1374, 3385), (1460, 3463), (1462, 3469),

Gene: LunaBlu_2 Start: 571, Stop: 2208, Start Num: 155
Candidate Starts for LunaBlu_2:
(Start: 155 @571 has 202 MA's), (163, 580), (Start: 176 @595 has 3 MA's), (Start: 217 @628 has 1 MA's), (Start: 247 @652 has 171 MA's), (Start: 250 @655 has 144 MA's), (Start: 318 @718 has 1 MA's), (353, 757), (412, 844), (454, 904), (484, 928), (487, 937), (488, 940), (496, 961), (508, 982), (516, 997), (548, 1054), (575, 1093), (602, 1162), (604, 1168), (621, 1198), (622, 1201), (627, 1210), (635, 1225), (647, 1243), (680, 1294), (736, 1387), (740, 1396), (862, 1567), (874, 1579), (983, 1663), (1005, 1693), (1007, 1696), (1010, 1699), (1080, 1756), (1097, 1771), (1101, 1777), (1104, 1780), (1113, 1795), (1117, 1804), (1164, 1873), (1190, 1903), (1196, 1912), (1225, 1945), (1239, 1963), (1250, 1978), (1265, 2005), (1297, 2038), (1320, 2065), (1325, 2068), (1349, 2089), (1365, 2113), (1372, 2122), (1374, 2125), (1429, 2182),

Gene: LunaStella_2 Start: 458, Stop: 2236, Start Num: 87
Candidate Starts for LunaStella_2:
(Start: 87 @458 has 22 MA's), (Start: 131 @509 has 1 MA's), (147, 530), (Start: 175 @560 has 2 MA's), (183, 566), (Start: 198 @581 has 4 MA's), (257, 632), (Start: 322 @695 has 1 MA's), (Start: 330 @707 has 14 MA's), (362, 743), (408, 791), (414, 806), (424, 818), (426, 824), (484, 881), (485, 884), (487, 890), (492, 905), (502, 923), (504, 926), (513, 944), (595, 1085), (602, 1103), (620, 1130), (631, 1154), (645, 1187), (696, 1265), (748, 1355), (756, 1364), (765, 1379), (812, 1421), (813, 1424), (842, 1466), (848, 1475), (866, 1499), (927, 1541), (929, 1544), (956, 1568), (981, 1607), (983, 1610), (993, 1625), (1006, 1643), (1009, 1646), (1091, 1727), (1102, 1742), (1105, 1745), (1113, 1757), (1139, 1796), (1163, 1847), (1165, 1853), (1182, 1889), (1193, 1901), (1211, 1925), (1234, 1952), (1240, 1961), (1241, 1964), (1281, 2036), (1325, 2084), (1332, 2090), (1355, 2123), (1360, 2129), (1365, 2135), (1370, 2141), (1372, 2144), (1381, 2156), (1402, 2174), (1421, 2195), (1437, 2213), (1448, 2225),

Gene: Lunahalos_8 Start: 1637, Stop: 3058, Start Num: 247
Candidate Starts for Lunahalos_8:
(Start: 165 @1565 has 76 MA's), (Start: 230 @1625 has 31 MA's), (Start: 247 @1637 has 171 MA's), (Start: 336 @1748 has 12 MA's), (342, 1754), (391, 1832), (402, 1841), (425, 1889), (444, 1907), (487, 1976), (514, 2018), (517, 2024), (532, 2051), (533, 2054), (607, 2171), (611, 2180), (675, 2261), (792, 2375), (820, 2423), (827, 2435), (851, 2465), (870, 2489), (880, 2501), (959, 2579), (962, 2585), (1112, 2729), (1146, 2762), (1187, 2816), (1353, 2993), (1425, 3047),

Gene: Lunar_4 Start: 848, Stop: 2494, Start Num: 171
Candidate Starts for Lunar_4:
(Start: 171 @848 has 16 MA's), (Start: 309 @1013 has 15 MA's), (334, 1052), (Start: 397 @1103 has 4 MA's), (405, 1115), (422, 1151), (431, 1169), (569, 1352), (620, 1466), (625, 1478), (650, 1526), (665, 1547), (677, 1562), (713, 1619), (961, 1934), (1003, 2000), (1015, 2012), (1048, 2045), (1096, 2084), (1102, 2093), (1105, 2096), (1151, 2162), (1176, 2192), (1212, 2237), (1257, 2279), (1283, 2306), (1286, 2309), (1364, 2402), (1369, 2408), (1385, 2429), (1394, 2441), (1447, 2480), (1449, 2483),

Gene: LunarLander_11 Start: 6725, Stop: 8413, Start Num: 102
Candidate Starts for LunarLander_11:

(Start: 102 @6725 has 400 MA's), (381, 6989), (402, 7013), (513, 7175), (535, 7208), (581, 7283), (620, 7373), (631, 7397), (679, 7472), (774, 7628), (778, 7637), (808, 7685), (809, 7688), (1001, 7913), (1009, 7922), (1021, 7934), (1080, 7976), (1100, 7997), (1117, 8024), (1193, 8132), (1279, 8222), (1365, 8327),

Gene: Lunatic_3 Start: 1062, Stop: 2522, Start Num: 250
Candidate Starts for Lunatic_3:
(Start: 250 @1062 has 144 MA's), (Start: 254 @1068 has 2 MA's), (358, 1230), (363, 1239), (399, 1299), (444, 1368), (465, 1389), (488, 1440), (619, 1644), (755, 1779), (806, 1857), (817, 1872), (829, 1890), (842, 1908), (880, 1950), (911, 1983), (926, 2001), (1015, 2121), (1020, 2124), (1039, 2136), (1047, 2148), (1060, 2160), (1113, 2211), (1160, 2268), (1172, 2274), (1178, 2283), (1187, 2292), (1190, 2295), (1330, 2457), (1337, 2466), (1344, 2475), (1372, 2514),

Gene: Lunsford_12 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Lunsford_12:
(28, 6707), (34, 6725), (38, 6755), (Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Luthien_18 Start: 10502, Stop: 12247, Start Num: 307
Candidate Starts for Luthien_18:
(Start: 307 @10502 has 198 MA's), (310, 10508), (363, 10595), (367, 10601), (387, 10637), (417, 10691), (420, 10697), (469, 10793), (502, 10868), (556, 10976), (572, 10997), (599, 11066), (644, 11168), (680, 11225), (709, 11282), (722, 11294), (750, 11354), (805, 11453), (808, 11459), (841, 11516), (892, 11582), (1050, 11768), (1053, 11777), (1088, 11819), (1111, 11843), (1120, 11864), (1123, 11867), (1288, 12092), (1290, 12095), (1299, 12107), (1370, 12197), (1372, 12200),

Gene: Luxx_3 Start: 1098, Stop: 2558, Start Num: 250
Candidate Starts for Luxx_3:
(Start: 250 @1098 has 144 MA's), (Start: 254 @1104 has 2 MA's), (358, 1266), (363, 1275), (399, 1335), (444, 1404), (465, 1425), (488, 1476), (619, 1680), (806, 1893), (817, 1908), (842, 1944), (880, 1986), (911, 2019), (926, 2037), (1015, 2157), (1020, 2160), (1039, 2172), (1113, 2247), (1172, 2310), (1187, 2328), (1190, 2331), (1330, 2493), (1337, 2502), (1344, 2511), (1372, 2550),

Gene: Lynlen_3 Start: 677, Stop: 2305, Start Num: 225
Candidate Starts for Lynlen_3:
(Start: 225 @677 has 84 MA's), (339, 833), (431, 941), (490, 1025), (503, 1049), (518, 1067), (569, 1124), (594, 1175), (595, 1178), (620, 1238), (628, 1256), (643, 1286), (662, 1316), (1003, 1772), (1020, 1787), (1328, 2138), (1369, 2186), (1464, 2294),

Gene: Lynnae_4 Start: 1069, Stop: 2637, Start Num: 138
Candidate Starts for Lynnae_4:
(Start: 138 @1069 has 120 MA's), (Start: 142 @1075 has 6 MA's), (Start: 284 @1231 has 1 MA's), (512, 1528), (515, 1534), (556, 1594), (591, 1666), (594, 1672), (602, 1693), (675, 1792), (710, 1840), (762, 1894), (776, 1918), (807, 1963), (809, 1969), (827, 1999), (832, 2005), (855, 2032), (863, 2041), (942, 2098), (946, 2104), (959, 2125), (962, 2131), (1020, 2206), (1023, 2209), (1060, 2245), (1116, 2290), (1172, 2356), (1234, 2431), (1266, 2449), (1278, 2458), (1420, 2605), (1448, 2629), (1450, 2632),

Gene: Lysidious_2 Start: 360, Stop: 1928, Start Num: 173
Candidate Starts for Lysidious_2:

(65, 255), (Start: 173 @360 has 36 MA's), (289, 477), (Start: 318 @519 has 1 MA's), (Start: 333 @537 has 4 MA's), (342, 552), (384, 573), (399, 594), (419, 633), (465, 693), (483, 729), (487, 741), (515, 786), (520, 795), (539, 822), (593, 900), (648, 1005), (661, 1020), (675, 1035), (745, 1113), (778, 1164), (919, 1320), (956, 1359), (973, 1398), (1002, 1431), (1015, 1443), (1071, 1488), (1074, 1491), (1078, 1497), (1107, 1518), (1112, 1527), (1113, 1530), (1146, 1560), (1157, 1584), (1174, 1599), (1263, 1689), (1278, 1701), (1317, 1743), (1326, 1758), (1346, 1779), (1358, 1794), (1459, 1902), (1463, 1911), (1464, 1917),

Gene: MA5_11 Start: 6096, Stop: 7793, Start Num: 102
Candidate Starts for MA5_11:
(Start: 102 @6096 has 400 MA's), (168, 6168), (234, 6222), (381, 6366), (508, 6540), (513, 6552), (538, 6591), (550, 6603), (581, 6660), (593, 6684), (620, 6750), (623, 6759), (675, 6840), (690, 6867), (774, 7005), (812, 7071), (825, 7092), (848, 7125), (923, 7191), (983, 7266), (999, 7290), (1001, 7293), (1006, 7299), (1080, 7356), (1088, 7368), (1113, 7395), (1129, 7416), (1193, 7512), (1236, 7557), (1241, 7566), (1374, 7719), (1405, 7749), (1435, 7779), (1438, 7782),

Gene: MAckerman_4 Start: 1052, Stop: 2635, Start Num: 138
Candidate Starts for MAckerman_4:
(Start: 138 @1052 has 120 MA's), (Start: 142 @1058 has 6 MA's), (293, 1229), (361, 1316), (396, 1334), (402, 1340), (419, 1376), (513, 1514), (515, 1517), (566, 1592), (593, 1649), (594, 1652), (710, 1820), (762, 1874), (766, 1883), (776, 1898), (791, 1919), (813, 1958), (827, 1979), (832, 1985), (855, 2012), (900, 2054), (942, 2078), (954, 2096), (959, 2105), (962, 2111), (977, 2144), (1009, 2177), (1050, 2216), (1057, 2222), (1060, 2225), (1116, 2270), (1172, 2336), (1213, 2387), (1234, 2411), (1263, 2426), (1266, 2429), (1373, 2531), (1394, 2558), (1448, 2609), (1450, 2612),

Gene: MAnor_4 Start: 897, Stop: 2573, Start Num: 170
Candidate Starts for MAnor_4:
(Start: 170 @897 has 103 MA's), (Start: 232 @948 has 1 MA's), (Start: 249 @969 has 1 MA's), (304, 1014), (415, 1158), (477, 1221), (490, 1254), (509, 1290), (513, 1299), (515, 1302), (535, 1335), (543, 1350), (595, 1449), (603, 1470), (625, 1506), (636, 1527), (659, 1563), (701, 1629), (735, 1683), (842, 1863), (866, 1896), (954, 1962), (987, 2028), (992, 2034), (1146, 2199), (1163, 2232), (1219, 2301), (1292, 2379), (1295, 2382), (1370, 2472), (1374, 2478), (1394, 2499), (1454, 2559), (1456, 2562),

Gene: MEAK_2 Start: 373, Stop: 1884, Start Num: 228
Candidate Starts for MEAK_2:
(Start: 225 @370 has 84 MA's), (Start: 228 @373 has 40 MA's), (Start: 238 @385 has 22 MA's), (Start: 262 @412 has 67 MA's), (274, 430), (Start: 297 @457 has 6 MA's), (314, 475), (Start: 333 @502 has 4 MA's), (334, 505), (Start: 393 @553 has 3 MA's), (Start: 400 @562 has 2 MA's), (405, 568), (419, 598), (424, 607), (426, 613), (465, 646), (474, 664), (485, 688), (487, 694), (506, 733), (512, 742), (513, 745), (533, 784), (535, 787), (572, 856), (591, 901), (593, 904), (602, 925), (607, 940), (611, 949), (618, 961), (664, 1036), (667, 1039), (669, 1042), (681, 1063), (754, 1138), (763, 1150), (785, 1186), (797, 1201), (809, 1222), (954, 1351), (973, 1393), (1044, 1462), (1079, 1498), (1112, 1525), (1130, 1546), (1134, 1552), (1170, 1597), (1184, 1615), (1190, 1621), (1226, 1666), (1278, 1699), (1280, 1702), (1290, 1714), (1366, 1792), (1373, 1801), (1403, 1837), (1433, 1870), (1443, 1876),

Gene: MK4_11 Start: 6367, Stop: 8064, Start Num: 102
Candidate Starts for MK4_11:
(Start: 102 @6367 has 400 MA's), (168, 6439), (381, 6637), (424, 6700), (508, 6811), (513, 6823), (538, 6862), (550, 6874), (581, 6931), (593, 6955), (604, 6985), (620, 7021), (623, 7030), (675, 7111), (690, 7138), (774, 7276), (812, 7342), (825, 7363), (848, 7396), (923, 7462), (983, 7537), (999, 7561), (1001, 7564), (1006, 7570), (1015, 7579), (1080, 7627), (1113, 7666), (1115, 7669), (1129, 7687), (1193, 7783), (1241, 7837), (1374, 7990), (1405, 8020), (1435, 8050), (1438, 8053),

Gene: MOOREtheMARYer_2 Start: 351, Stop: 1937, Start Num: 161
Candidate Starts for MOOREtheMARYer_2:
(109, 288), (147, 336), (Start: 161 @351 has 29 MA's), (Start: 251 @438 has 3 MA's), (Start: 272 @462 has 1 MA's), (Start: 297 @498 has 6 MA's), (310, 519), (463, 738), (490, 798), (594, 963), (607, 999), (618, 1020), (637, 1044), (640, 1050), (675, 1089), (679, 1098), (820, 1251), (880, 1326), (962, 1425), (1112, 1575), (1152, 1620), (1205, 1683), (1263, 1734), (1280, 1749), (1353, 1842), (1373, 1866), (1387, 1884), (1428, 1929),

Gene: MPlant7149_10 Start: 6575, Stop: 8263, Start Num: 102
Candidate Starts for MPlant7149_10:
(Start: 102 @6575 has 400 MA's), (381, 6839), (402, 6863), (513, 7025), (535, 7058), (581, 7133), (620, 7223), (631, 7247), (647, 7274), (679, 7322), (774, 7478), (809, 7538), (1001, 7763), (1009, 7772), (1021, 7784), (1080, 7826), (1100, 7847), (1117, 7874), (1193, 7982), (1279, 8072), (1365, 8177),

Gene: MScarn_6 Start: 1111, Stop: 2790, Start Num: 170
Candidate Starts for MScarn_6:
(Start: 170 @1111 has 103 MA's), (Start: 232 @1162 has 1 MA's), (Start: 249 @1183 has 1 MA's), (300, 1222), (362, 1309), (407, 1354), (415, 1375), (424, 1384), (485, 1456), (509, 1507), (513, 1516), (543, 1567), (595, 1666), (603, 1687), (623, 1720), (645, 1756), (735, 1900), (760, 1936), (780, 1975), (798, 2008), (825, 2056), (866, 2113), (921, 2146), (954, 2179), (987, 2245), (992, 2251), (1062, 2317), (1076, 2329), (1080, 2335), (1146, 2416), (1214, 2512), (1269, 2560), (1330, 2635), (1394, 2716), (1454, 2776), (1456, 2779),

Gene: MUWow_2 Start: 597, Stop: 2330, Start Num: 171
Candidate Starts for MUWow_2:
(Start: 171 @597 has 16 MA's), (Start: 253 @690 has 2 MA's), (Start: 256 @693 has 6 MA's), (Start: 330 @783 has 14 MA's), (377, 846), (473, 1014), (513, 1101), (571, 1188), (615, 1278), (631, 1311), (636, 1320), (650, 1341), (677, 1377), (761, 1512), (765, 1518), (808, 1557), (854, 1626), (956, 1692), (962, 1704), (987, 1740), (1062, 1824), (1113, 1881), (1150, 1944), (1194, 2028), (1214, 2052), (1241, 2094), (1292, 2151), (1295, 2154), (1304, 2166), (1365, 2235), (1397, 2277), (1422, 2304), (1433, 2316),

Gene: MZKinsey_2 Start: 359, Stop: 1891, Start Num: 161
Candidate Starts for MZKinsey_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: MaCh_12 Start: 8021, Stop: 9784, Start Num: 103
Candidate Starts for MaCh_12:
(Start: 103 @8021 has 236 MA's), (Start: 121 @8042 has 5 MA's), (Start: 217 @8129 has 1 MA's), (298, 8258), (314, 8282), (362, 8345), (487, 8489), (512, 8540), (513, 8543), (581, 8654), (593, 8678), (594, 8681), (620, 8744), (623, 8753), (631, 8768), (704, 8885), (722, 8900), (751, 8960), (803, 9044), (992, 9272), (999, 9284), (1064, 9332), (1080, 9347), (1113, 9386), (1129, 9407), (1155, 9446), (1182, 9491), (1193, 9503), (1405, 9740), (1433, 9767),

Gene: MaGuCo_2 Start: 532, Stop: 2271, Start Num: 124
Candidate Starts for MaGuCo_2:

(Start: 124 @532 has 46 MA's), (Start: 176 @592 has 3 MA's), (Start: 185 @601 has 14 MA's), (Start: 232 @655 has 1 MA's), (350, 778), (469, 916), (477, 928), (490, 952), (513, 997), (546, 1045), (595, 1138), (645, 1237), (647, 1240), (686, 1297), (746, 1399), (748, 1402), (812, 1468), (851, 1525), (1001, 1714), (1165, 1906), (1193, 1942), (1209, 1957), (1325, 2122), (1381, 2194), (1399, 2209), (1402, 2212), (1442, 2257),

Gene: MaVan_6 Start: 1989, Stop: 3689, Start Num: 170
Candidate Starts for MaVan_6:
(Start: 170 @1989 has 103 MA's), (214, 2019), (Start: 249 @2061 has 1 MA's), (362, 2199), (408, 2247), (425, 2277), (467, 2310), (485, 2346), (490, 2361), (496, 2376), (513, 2406), (543, 2457), (595, 2556), (603, 2577), (645, 2646), (675, 2688), (692, 2718), (780, 2865), (808, 2916), (848, 2979), (866, 3003), (953, 3069), (969, 3102), (979, 3126), (981, 3129), (987, 3138), (1001, 3159), (1025, 3186), (1080, 3231), (1088, 3243), (1098, 3249), (1113, 3270), (1142, 3309), (1214, 3408), (1247, 3444), (1330, 3531), (1394, 3612), (1400, 3618), (1454, 3675), (1456, 3678),

Gene: Mabel_12 Start: 8088, Stop: 9851, Start Num: 103
Candidate Starts for Mabel_12:
(Start: 103 @8088 has 236 MA's), (Start: 121 @8109 has 5 MA's), (Start: 217 @8196 has 1 MA's), (298, 8325), (314, 8349), (362, 8412), (487, 8556), (512, 8607), (513, 8610), (581, 8721), (593, 8745), (594, 8748), (620, 8811), (623, 8820), (631, 8835), (704, 8952), (722, 8967), (751, 9027), (803, 9111), (992, 9339), (999, 9351), (1064, 9399), (1080, 9414), (1113, 9453), (1129, 9474), (1155, 9513), (1182, 9558), (1193, 9570), (1405, 9807), (1433, 9834),

Gene: Mabodamaca_2 Start: 633, Stop: 2351, Start Num: 122
Candidate Starts for Mabodamaca_2:
(Start: 122 @633 has 14 MA's), (477, 1005), (504, 1056), (513, 1074), (595, 1224), (623, 1278), (636, 1302), (675, 1356), (952, 1719), (983, 1770), (1064, 1854), (1193, 2025), (1209, 2040), (1272, 2139), (1325, 2205), (1381, 2277),

Gene: MacGully_32 Start: 14107, Stop: 15783, Start Num: 155
Candidate Starts for MacGully_32:
(Start: 155 @14107 has 202 MA's), (Start: 217 @14164 has 1 MA's), (Start: 317 @14251 has 15 MA's), (341, 14290), (344, 14293), (351, 14302), (424, 14419), (473, 14476), (487, 14497), (496, 14521), (510, 14548), (531, 14581), (571, 14647), (591, 14695), (621, 14758), (635, 14785), (740, 14953), (748, 14965), (824, 15076), (858, 15127), (883, 15154), (917, 15157), (1080, 15355), (1082, 15358), (1117, 15403), (1163, 15469), (1196, 15502), (1297, 15619), (1315, 15640), (1365, 15688), (1387, 15718), (1445, 15775),

Gene: MacKat_8 Start: 1613, Stop: 3034, Start Num: 247
Candidate Starts for MacKat_8:
(Start: 165 @1541 has 76 MA's), (Start: 230 @1601 has 31 MA's), (Start: 247 @1613 has 171 MA's), (Start: 336 @1724 has 12 MA's), (342, 1730), (391, 1808), (402, 1817), (425, 1865), (444, 1883), (487, 1952), (514, 1994), (517, 2000), (532, 2027), (533, 2030), (607, 2147), (611, 2156), (675, 2237), (792, 2351), (820, 2399), (827, 2411), (851, 2441), (870, 2465), (880, 2477), (959, 2555), (962, 2561), (1112, 2705), (1146, 2738), (1187, 2792), (1353, 2969), (1425, 3023),

Gene: MacnCheese_8 Start: 1694, Stop: 3127, Start Num: 247
Candidate Starts for MacnCheese_8:
(199, 1655), (Start: 230 @1682 has 31 MA's), (Start: 247 @1694 has 171 MA's), (310, 1760), (Start: 322 @1781 has 1 MA's), (Start: 336 @1805 has 12 MA's), (391, 1889), (402, 1898), (425, 1946), (444, 1964), (463, 1982), (474, 2003), (487, 2033), (532, 2108), (591, 2186), (607, 2228), (611, 2237), (675, 2318), (686, 2336), (792, 2432), (820, 2480), (827, 2492), (851, 2522), (870, 2546), (880, 2558), (962, 2642), (1111, 2792), (1112, 2795), (1157, 2852), (1160, 2858), (1184, 2879), (1187, 2882), (1353,

3059), (1364, 3071), (1431, 3122),

Gene: Maco6_3 Start: 1054, Stop: 2718, Start Num: 170
Candidate Starts for Maco6_3:
(Start: 170 @1054 has 103 MA's), (222, 1093), (241, 1117), (362, 1246), (485, 1393), (490, 1408), (513, 1453), (543, 1501), (569, 1537), (594, 1594), (603, 1618), (625, 1654), (748, 1852), (760, 1867), (780, 1906), (874, 2053), (969, 2143), (983, 2173), (1088, 2278), (1165, 2386), (1188, 2416), (1214, 2443), (1226, 2455), (1269, 2491), (1270, 2494), (1346, 2587), (1387, 2644),

Gene: MadKillah_32 Start: 13466, Stop: 14977, Start Num: 184
Candidate Starts for MadKillah_32:
(Start: 181 @13463 has 17 MA's), (Start: 184 @13466 has 14 MA's), (Start: 322 @13646 has 1 MA's), (381, 13739), (424, 13814), (451, 13847), (474, 13874), (487, 13904), (591, 14057), (594, 14063), (607, 14099), (611, 14108), (675, 14189), (679, 14198), (680, 14201), (744, 14240), (788, 14297), (809, 14333), (810, 14336), (957, 14492), (962, 14501), (1025, 14570), (1042, 14579), (1046, 14585), (1080, 14618), (1112, 14654), (1187, 14741), (1203, 14762), (1277, 14825), (1283, 14828), (1286, 14831), (1299, 14849), (1317, 14870), (1353, 14912), (1380, 14945), (1386, 14948), (1415, 14960),

Gene: MadMarie_13 Start: 6959, Stop: 8659, Start Num: 105
Candidate Starts for MadMarie_13:
(Start: 105 @6959 has 85 MA's), (Start: 145 @7007 has 1 MA's), (302, 7142), (467, 7334), (513, 7421), (620, 7619), (675, 7709), (718, 7772), (809, 7934), (983, 8132), (999, 8156), (1001, 8159), (1080, 8222), (1100, 8243), (1129, 8282), (1193, 8378), (1241, 8432), (1279, 8468), (1405, 8615), (1435, 8645), (1438, 8648),

Gene: MadMen_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for MadMen_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: MadamMonkfish_8 Start: 2141, Stop: 3811, Start Num: 394
Candidate Starts for MadamMonkfish_8:
(Start: 394 @2141 has 48 MA's), (427, 2204), (551, 2438), (598, 2540), (693, 2720), (710, 2744), (724, 2762), (732, 2774), (768, 2837), (776, 2849), (808, 2894), (815, 2909), (873, 2987), (911, 3032), (934, 3086), (935, 3092), (1000, 3206), (1104, 3350), (1124, 3386), (1218, 3539), (1232, 3551), (1279, 3608), (1307, 3644), (1346, 3695), (1372, 3731), (1374, 3734), (1438, 3800),

Gene: Madamato_8 Start: 3120, Stop: 4865, Start Num: 307
Candidate Starts for Madamato_8:
(Start: 307 @3120 has 198 MA's), (310, 3126), (342, 3174), (345, 3177), (367, 3219), (488, 3453), (535, 3552), (556, 3594), (572, 3615), (594, 3669), (637, 3768), (644, 3786), (727, 3918), (791, 4047), (805, 4071), (892, 4200), (950, 4269), (987, 4338), (1071, 4413), (1120, 4482), (1123, 4485), (1156, 4536), (1223, 4623), (1244, 4656), (1273, 4689), (1288, 4710), (1290, 4713), (1299, 4725), (1315, 4743), (1363, 4806), (1372, 4818),

Gene: Madavieve_2 Start: 498, Stop: 2222, Start Num: 305

Candidate Starts for Madavieve_2:
(Start: 295 @483 has 6 MA's), (Start: 305 @498 has 33 MA's), (373, 588), (439, 702), (510, 828), (513, 834), (526, 858), (555, 915), (590, 987), (696, 1185), (728, 1227), (732, 1233), (782, 1317), (807, 1344), (873, 1440), (885, 1455), (908, 1482), (1013, 1659), (1191, 1932), (1194, 1935), (1197, 1941), (1212, 1962), (1245, 2001), (1281, 2049), (1289, 2058), (1307, 2082), (1332, 2100), (1374, 2157), (1439, 2214),

Gene: Madebyisha_3 Start: 1155, Stop: 2615, Start Num: 250
Candidate Starts for Madebyisha_3:
(Start: 250 @1155 has 144 MA's), (Start: 254 @1161 has 2 MA's), (358, 1323), (363, 1332), (399, 1392), (444, 1461), (465, 1482), (488, 1533), (619, 1737), (755, 1872), (806, 1950), (817, 1965), (842, 2001), (880, 2043), (911, 2076), (926, 2094), (1015, 2214), (1020, 2217), (1039, 2229), (1113, 2304), (1172, 2367), (1187, 2385), (1190, 2388), (1330, 2550), (1337, 2559), (1344, 2568),

Gene: Madeline_2 Start: 498, Stop: 2222, Start Num: 305
Candidate Starts for Madeline_2:
(Start: 295 @483 has 6 MA's), (Start: 305 @498 has 33 MA's), (373, 588), (439, 702), (499, 804), (510, 828), (513, 834), (526, 858), (555, 915), (590, 987), (696, 1185), (728, 1227), (732, 1233), (782, 1317), (783, 1320), (807, 1344), (885, 1455), (908, 1482), (986, 1617), (1000, 1641), (1013, 1659), (1038, 1692), (1191, 1932), (1194, 1935), (1197, 1941), (1212, 1962), (1245, 2001), (1281, 2049), (1289, 2058), (1307, 2082), (1332, 2100), (1374, 2157), (1439, 2214),

Gene: Madraxi_10 Start: 7076, Stop: 8635, Start Num: 218
Candidate Starts for Madraxi_10:
(Start: 218 @7076 has 8 MA's), (Start: 223 @7082 has 1 MA's), (Start: 403 @7316 has 1 MA's), (542, 7529), (544, 7532), (599, 7643), (606, 7661), (613, 7676), (634, 7703), (808, 7955), (822, 7976), (868, 8027), (1023, 8219), (1191, 8402), (1278, 8465), (1290, 8480), (1308, 8498), (1314, 8504), (1382, 8582),

Gene: Madvan_17 Start: 10302, Stop: 12047, Start Num: 307
Candidate Starts for Madvan_17:
(Start: 307 @10302 has 198 MA's), (310, 10308), (363, 10395), (367, 10401), (387, 10437), (417, 10491), (433, 10521), (502, 10668), (556, 10776), (570, 10794), (572, 10797), (599, 10866), (637, 10950), (644, 10968), (680, 11025), (750, 11154), (805, 11253), (808, 11259), (872, 11358), (892, 11382), (1050, 11568), (1053, 11577), (1111, 11643), (1120, 11664), (1123, 11667), (1288, 11892), (1290, 11895), (1299, 11907), (1370, 11997), (1372, 12000),

Gene: Magel_13 Start: 7213, Stop: 8958, Start Num: 307
Candidate Starts for Magel_13:
(Start: 307 @7213 has 198 MA's), (310, 7219), (363, 7306), (367, 7312), (387, 7348), (417, 7402), (556, 7687), (570, 7705), (572, 7708), (599, 7777), (644, 7879), (666, 7915), (680, 7936), (693, 7960), (728, 8017), (750, 8065), (785, 8131), (805, 8164), (808, 8170), (823, 8200), (837, 8221), (892, 8293), (1053, 8488), (1111, 8554), (1120, 8575), (1123, 8578), (1160, 8638), (1244, 8749), (1274, 8785), (1290, 8806), (1299, 8818), (1336, 8866), (1370, 8908), (1372, 8911),

Gene: Maggie_4 Start: 800, Stop: 2290, Start Num: 202
Candidate Starts for Maggie_4:
(Start: 202 @800 has 39 MA's), (245, 845), (Start: 318 @947 has 1 MA's), (Start: 333 @965 has 4 MA's), (Start: 336 @974 has 12 MA's), (Start: 397 @1025 has 4 MA's), (399, 1028), (405, 1037), (419, 1067), (434, 1094), (506, 1193), (577, 1292), (585, 1316), (586, 1319), (588, 1322), (607, 1367), (789, 1601), (820, 1649), (827, 1661), (864, 1700), (886, 1718), (902, 1730), (904, 1733), (922, 1754), (937, 1760), (946, 1772), (987, 1850), (1047, 1904), (1112, 1958), (1121, 1970), (1156, 2015), (1206, 2063), (1299, 2147), (1349, 2204), (1406, 2273),

Gene: MagicMan_2 Start: 520, Stop: 2169, Start Num: 137
Candidate Starts for MagicMan_2:
(Start: 137 @520 has 4 MA's), (Start: 317 @718 has 15 MA's), (Start: 318 @721 has 1 MA's), (487, 931), (490, 940), (501, 961), (530, 1006), (620, 1189), (723, 1324), (778, 1390), (808, 1432), (912, 1546), (939, 1564), (943, 1567), (1055, 1711), (1063, 1720), (1172, 1831), (1187, 1849), (1263, 1921), (1297, 1957), (1349, 2011), (1398, 2071), (1451, 2122),

Gene: Magnar_11 Start: 6723, Stop: 8411, Start Num: 102
Candidate Starts for Magnar_11:
(Start: 102 @6723 has 400 MA's), (Start: 309 @6903 has 15 MA's), (381, 6987), (408, 7023), (424, 7050), (513, 7173), (535, 7206), (581, 7281), (620, 7371), (631, 7395), (647, 7422), (679, 7470), (774, 7626), (809, 7686), (1009, 7920), (1080, 7974), (1100, 7995), (1117, 8022), (1193, 8130), (1279, 8220), (1365, 8325),

Gene: Magnito_10 Start: 6474, Stop: 8162, Start Num: 102
Candidate Starts for Magnito_10:
(Start: 102 @6474 has 400 MA's), (381, 6738), (402, 6762), (513, 6924), (535, 6957), (581, 7032), (620, 7122), (631, 7146), (647, 7173), (679, 7221), (774, 7377), (809, 7437), (1001, 7662), (1009, 7671), (1021, 7683), (1080, 7725), (1100, 7746), (1117, 7773), (1193, 7881), (1279, 7971), (1365, 8076),

Gene: Magsby_2 Start: 504, Stop: 2036, Start Num: 230
Candidate Starts for Magsby_2:
(Start: 227 @501 has 25 MA's), (Start: 230 @504 has 31 MA's), (246, 516), (Start: 249 @519 has 1 MA's), (292, 576), (Start: 307 @594 has 198 MA's), (316, 606), (390, 678), (Start: 403 @696 has 1 MA's), (412, 714), (422, 735), (474, 798), (490, 837), (507, 870), (539, 918), (583, 1002), (593, 1017), (613, 1068), (618, 1077), (637, 1101), (659, 1140), (661, 1143), (677, 1155), (747, 1281), (766, 1305), (808, 1368), (878, 1452), (950, 1524), (962, 1548), (981, 1590), (987, 1599), (1043, 1656), (1080, 1695), (1136, 1752), (1146, 1758), (1152, 1761), (1187, 1782), (1226, 1830), (1278, 1866), (1349, 1947), (1353, 1953),

Gene: Mahavrat_2 Start: 571, Stop: 2208, Start Num: 155
Candidate Starts for Mahavrat_2:
(Start: 155 @571 has 202 MA's), (163, 580), (Start: 176 @595 has 3 MA's), (Start: 217 @628 has 1 MA's), (Start: 247 @652 has 171 MA's), (Start: 250 @655 has 144 MA's), (Start: 318 @718 has 1 MA's), (353, 757), (412, 844), (454, 904), (484, 928), (487, 937), (488, 940), (496, 961), (508, 982), (548, 1054), (575, 1093), (602, 1162), (604, 1168), (621, 1198), (622, 1201), (627, 1210), (635, 1225), (647, 1243), (680, 1294), (736, 1387), (740, 1396), (862, 1567), (874, 1579), (983, 1663), (1005, 1693), (1007, 1696), (1010, 1699), (1080, 1756), (1101, 1777), (1104, 1780), (1113, 1795), (1117, 1804), (1164, 1873), (1190, 1903), (1196, 1912), (1225, 1945), (1239, 1963), (1250, 1978), (1265, 2005), (1290, 2029), (1297, 2038), (1320, 2065), (1325, 2068), (1349, 2089), (1365, 2113), (1372, 2122), (1374, 2125), (1429, 2182),

Gene: Mahdia_2 Start: 553, Stop: 2121, Start Num: 211
Candidate Starts for Mahdia_2:
(Start: 211 @553 has 13 MA's), (Start: 233 @580 has 12 MA's), (Start: 254 @607 has 2 MA's), (Start: 295 @661 has 6 MA's), (Start: 317 @697 has 15 MA's), (405, 784), (501, 946), (513, 958), (522, 973), (532, 994), (569, 1024), (593, 1072), (618, 1135), (648, 1195), (652, 1201), (680, 1243), (790, 1327), (810, 1360), (903, 1459), (922, 1480), (959, 1522), (962, 1528), (979, 1567), (1009, 1612), (1015, 1618), (1020, 1621), (1040, 1639), (1122, 1750), (1176, 1819), (1177, 1822), (1221, 1876), (1225, 1879), (1286, 1933), (1305, 1957), (1451, 2113),

Gene: Mainiac_13 Start: 6950, Stop: 8650, Start Num: 105
Candidate Starts for Mainiac_13:
(Start: 105 @6950 has 85 MA's), (Start: 145 @6998 has 1 MA's), (302, 7133), (467, 7325), (513, 7412), (620, 7610), (675, 7700), (718, 7763), (809, 7925), (983, 8123), (999, 8147), (1001, 8150), (1080, 8213), (1100, 8234), (1129, 8273), (1193, 8369), (1241, 8423), (1279, 8459), (1405, 8606), (1435, 8636), (1438, 8639),

Gene: Maja_2 Start: 590, Stop: 2185, Start Num: 206
Candidate Starts for Maja_2:
(Start: 206 @590 has 13 MA's), (Start: 209 @593 has 22 MA's), (347, 773), (Start: 397 @806 has 4 MA's), (399, 809), (419, 848), (431, 872), (444, 878), (497, 968), (593, 1103), (620, 1169), (665, 1250), (672, 1259), (764, 1361), (770, 1373), (827, 1457), (867, 1496), (961, 1601), (1009, 1673), (1046, 1709), (1066, 1730), (1074, 1748), (1094, 1772), (1100, 1781), (1117, 1808), (1140, 1838), (1186, 1895), (1204, 1919), (1305, 2021), (1364, 2090), (1369, 2096), (1400, 2135), (1449, 2174), (1453, 2180),

Gene: Majeke_2 Start: 413, Stop: 2089, Start Num: 138
Candidate Starts for Majeke_2:
(Start: 138 @413 has 120 MA's), (Start: 318 @629 has 1 MA's), (349, 668), (380, 725), (384, 731), (396, 749), (421, 794), (422, 797), (426, 806), (431, 815), (444, 821), (445, 824), (483, 878), (490, 899), (495, 911), (558, 1001), (659, 1190), (745, 1286), (778, 1337), (902, 1478), (919, 1490), (1024, 1622), (1107, 1688), (1112, 1697), (1139, 1724), (1172, 1766), (1187, 1784), (1278, 1868), (1290, 1883), (1463, 2072),

Gene: Majesty_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for Majesty_3:
(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (806, 1881), (817, 1896), (842, 1932), (880, 1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298), (1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: MajinBuu_17 Start: 10506, Stop: 12251, Start Num: 307
Candidate Starts for MajinBuu_17:
(Start: 307 @10506 has 198 MA's), (310, 10512), (363, 10599), (367, 10605), (387, 10641), (417, 10695), (450, 10758), (502, 10872), (523, 10914), (556, 10980), (572, 11001), (599, 11070), (644, 11172), (680, 11229), (709, 11286), (722, 11298), (750, 11358), (805, 11457), (808, 11463), (841, 11520), (892, 11586), (1050, 11772), (1053, 11781), (1111, 11847), (1120, 11868), (1123, 11871), (1249, 12051), (1288, 12096), (1290, 12099), (1299, 12111), (1370, 12201), (1372, 12204),

Gene: MajorMajor_11 Start: 6379, Stop: 8160, Start Num: 103
Candidate Starts for MajorMajor_11:
(Start: 103 @6379 has 236 MA's), (Start: 251 @6523 has 3 MA's), (278, 6568), (298, 6610), (314, 6634), (362, 6697), (411, 6751), (512, 6892), (513, 6895), (538, 6934), (581, 7003), (620, 7093), (631, 7117), (718, 7246), (722, 7249), (892, 7522), (1113, 7762), (1129, 7783), (1182, 7867), (1193, 7879), (1405, 8116), (1433, 8143), (1435, 8146), (1438, 8149),

Gene: MakCheese_2 Start: 434, Stop: 1993, Start Num: 201
Candidate Starts for MakCheese_2:
(61, 278), (81, 311), (Start: 121 @365 has 5 MA's), (Start: 201 @434 has 6 MA's), (263, 500), (314, 560), (Start: 318 @569 has 1 MA's), (349, 608), (487, 779), (488, 782), (501, 809), (515, 824), (565, 878), (594, 941), (611, 986), (675, 1073), (677, 1076), (710, 1118), (723, 1136), (733, 1166), (743, 1184), (745, 1187), (758, 1202), (900, 1376), (943, 1415), (954, 1433), (959, 1442), (962, 1448), (1002, 1505), (1015, 1517), (1057, 1550), (1111, 1598), (1112, 1601), (1139, 1628), (1172, 1670), (1187,

1688), (1203, 1709), (1262, 1760), (1283, 1778), (1286, 1781), (1317, 1814), (1341, 1847), (1366, 1877), (1398, 1916),

Gene: Makai_7 Start: 3660, Stop: 5399, Start Num: 307
Candidate Starts for Makai_7:
(Start: 303 @3654 has 2 MA's), (Start: 307 @3660 has 198 MA's), (367, 3759), (433, 3879), (485, 3978), (516, 4050), (556, 4128), (572, 4149), (611, 4251), (644, 4320), (656, 4344), (663, 4353), (750, 4506), (791, 4581), (805, 4605), (872, 4710), (892, 4734), (956, 4815), (1053, 4929), (1071, 4947), (1076, 4953), (1109, 4992), (1111, 4995), (1120, 5016), (1123, 5019), (1249, 5199), (1273, 5223), (1290, 5247), (1299, 5259), (1315, 5277), (1370, 5349), (1372, 5352),

Gene: Makima_5 Start: 2725, Stop: 4254, Start Num: 211
Candidate Starts for Makima_5:
(Start: 211 @2725 has 13 MA's), (259, 2770), (Start: 297 @2809 has 6 MA's), (405, 2929), (431, 2983), (495, 3079), (507, 3100), (611, 3310), (618, 3322), (625, 3337), (650, 3379), (683, 3421), (750, 3535), (808, 3622), (883, 3709), (954, 3781), (1082, 3919), (1146, 3979), (1371, 4198),

Gene: Makoto_2 Start: 426, Stop: 1991, Start Num: 165
Candidate Starts for Makoto_2:
(Start: 165 @426 has 76 MA's), (270, 549), (Start: 333 @636 has 4 MA's), (334, 639), (Start: 397 @690 has 4 MA's), (419, 732), (431, 756), (463, 780), (557, 942), (620, 1077), (630, 1098), (650, 1137), (770, 1236), (790, 1266), (803, 1281), (818, 1314), (852, 1362), (861, 1371), (941, 1449), (961, 1485), (983, 1524), (1009, 1557), (1020, 1566), (1046, 1593), (1105, 1647), (1133, 1689), (1177, 1713), (1212, 1755), (1328, 1857),

Gene: Malachai_2 Start: 360, Stop: 1928, Start Num: 173
Candidate Starts for Malachai_2:
(65, 255), (Start: 173 @360 has 36 MA's), (259, 444), (289, 477), (Start: 318 @519 has 1 MA's), (Start: 333 @537 has 4 MA's), (342, 552), (384, 573), (399, 594), (419, 633), (465, 693), (483, 729), (487, 741), (513, 783), (520, 795), (536, 816), (539, 822), (593, 900), (648, 1005), (661, 1020), (675, 1035), (745, 1113), (778, 1164), (919, 1320), (946, 1341), (956, 1359), (959, 1365), (1002, 1431), (1015, 1443), (1071, 1488), (1074, 1491), (1078, 1497), (1107, 1518), (1112, 1527), (1113, 1530), (1174, 1599), (1278, 1701), (1317, 1743), (1326, 1758), (1358, 1794), (1449, 1890), (1459, 1902), (1463, 1911),

Gene: MalagasyRose_7 Start: 2064, Stop: 3839, Start Num: 96
Candidate Starts for MalagasyRose_7:
(Start: 96 @2064 has 1 MA's), (Start: 131 @2106 has 1 MA's), (314, 2277), (424, 2415), (443, 2442), (477, 2475), (485, 2484), (490, 2499), (504, 2526), (508, 2532), (509, 2535), (545, 2595), (593, 2685), (594, 2688), (631, 2757), (645, 2778), (866, 3105), (884, 3126), (931, 3171), (954, 3189), (983, 3234), (992, 3246), (1001, 3261), (1064, 3306), (1116, 3378), (1135, 3405), (1145, 3426), (1179, 3504), (1210, 3543), (1241, 3585), (1279, 3633), (1292, 3648), (1332, 3693), (1365, 3738), (1370, 3744), (1396, 3771),

Gene: Malec_13 Start: 7735, Stop: 9498, Start Num: 103
Candidate Starts for Malec_13:
(Start: 103 @7735 has 236 MA's), (Start: 217 @7843 has 1 MA's), (234, 7864), (298, 7972), (512, 8257), (513, 8260), (538, 8299), (581, 8368), (620, 8458), (631, 8482), (704, 8599), (722, 8614), (914, 8887), (983, 8974), (992, 8986), (999, 8998), (1064, 9046), (1080, 9061), (1113, 9100), (1129, 9121), (1193, 9217), (1405, 9454), (1433, 9481), (1435, 9484), (1438, 9487), (1440, 9490),

Gene: Malibo_2 Start: 434, Stop: 1993, Start Num: 201
Candidate Starts for Malibo_2:

(61, 278), (81, 311), (Start: 96 @335 has 1 MA's), (Start: 201 @434 has 6 MA's), (263, 500), (314, 560), (Start: 318 @569 has 1 MA's), (349, 608), (402, 647), (487, 779), (488, 782), (501, 809), (513, 821), (672, 1070), (675, 1073), (723, 1136), (733, 1166), (743, 1184), (745, 1187), (900, 1376), (954, 1430), (959, 1439), (962, 1445), (1002, 1502), (1015, 1514), (1060, 1550), (1071, 1559), (1111, 1595), (1112, 1598), (1139, 1625), (1187, 1685), (1203, 1706), (1286, 1778), (1317, 1811), (1341, 1844), (1366, 1874), (1398, 1913), (1459, 1967),

Gene: Maliketh_2 Start: 458, Stop: 1891, Start Num: 273
Candidate Starts for Maliketh_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Malinsilva_15 Start: 6949, Stop: 8649, Start Num: 105
Candidate Starts for Malinsilva_15:
(Start: 105 @6949 has 85 MA's), (Start: 145 @6997 has 1 MA's), (302, 7132), (467, 7324), (513, 7411), (620, 7609), (675, 7699), (718, 7762), (809, 7924), (983, 8122), (999, 8146), (1001, 8149), (1080, 8212), (1100, 8233), (1129, 8272), (1193, 8368), (1241, 8422), (1279, 8458), (1405, 8605), (1435, 8635), (1438, 8638),

Gene: Malithi_2 Start: 413, Stop: 2089, Start Num: 138
Candidate Starts for Malithi_2:
(Start: 138 @413 has 120 MA's), (Start: 318 @629 has 1 MA's), (349, 668), (380, 725), (384, 731), (396, 749), (421, 794), (426, 806), (431, 815), (444, 821), (483, 878), (490, 899), (495, 911), (558, 1001), (659, 1190), (745, 1286), (766, 1316), (778, 1337), (919, 1490), (1107, 1688), (1112, 1697), (1139, 1724), (1172, 1766), (1187, 1784), (1278, 1868), (1290, 1883), (1463, 2072),

Gene: Malthus_9 Start: 2465, Stop: 3910, Start Num: 247
Candidate Starts for Malthus_9:
(Start: 247 @2465 has 171 MA's), (Start: 336 @2570 has 12 MA's), (391, 2654), (402, 2663), (425, 2711), (434, 2726), (463, 2753), (487, 2804), (493, 2822), (517, 2852), (532, 2879), (591, 2957), (607, 2999), (611, 3008), (613, 3011), (675, 3089), (679, 3098), (742, 3137), (792, 3203), (820, 3251), (851, 3293), (962, 3410), (992, 3452), (1042, 3497), (1111, 3566), (1150, 3611), (1160, 3632), (1187, 3656), (1353, 3833), (1425, 3899), (1431, 3905),

Gene: Malvina_6 Start: 1866, Stop: 3566, Start Num: 170
Candidate Starts for Malvina_6:
(Start: 170 @1866 has 103 MA's), (214, 1896), (Start: 249 @1938 has 1 MA's), (362, 2076), (408, 2124), (425, 2154), (467, 2187), (490, 2238), (496, 2253), (513, 2283), (525, 2304), (543, 2334), (595, 2433), (603, 2454), (645, 2523), (675, 2565), (780, 2742), (808, 2793), (848, 2856), (866, 2880), (921, 2913), (953, 2946), (979, 3003), (981, 3006), (987, 3015), (1074, 3099), (1088, 3120), (1098, 3126), (1113, 3147), (1142, 3186), (1214, 3285), (1247, 3321), (1330, 3408), (1372, 3465), (1374, 3468), (1394, 3489), (1454, 3552), (1456, 3555),

Gene: MamaPearl_2 Start: 426, Stop: 1991, Start Num: 165
Candidate Starts for MamaPearl_2:
(Start: 165 @426 has 76 MA's), (Start: 333 @636 has 4 MA's), (402, 696), (419, 732), (431, 756), (463, 780), (518, 882), (557, 942), (593, 1011), (595, 1017), (620, 1077), (650, 1137), (677, 1173), (770, 1236), (790, 1266), (852, 1362), (941, 1449), (983, 1524), (1009, 1557), (1046, 1593), (1117, 1668), (1133, 1689), (1135, 1692), (1212, 1755), (1232, 1779), (1328, 1857), (1451, 1977),

Gene: Maminiaina_13 Start: 7879, Stop: 9666, Start Num: 103
Candidate Starts for Maminiaina_13:
(Start: 103 @7879 has 236 MA's), (Start: 117 @7894 has 10 MA's), (Start: 121 @7900 has 5 MA's), (241, 8011), (298, 8110), (424, 8272), (487, 8344), (513, 8398), (538, 8437), (581, 8509), (620, 8599), (631, 8623), (704, 8740), (722, 8755), (778, 8863), (823, 8938), (898, 9034), (928, 9070), (992, 9154), (1006, 9175), (1064, 9214), (1113, 9268), (1129, 9289), (1182, 9373), (1193, 9385), (1281, 9478), (1295, 9493), (1405, 9622), (1433, 9649), (1435, 9652),

Gene: ManAs_3 Start: 1074, Stop: 2534, Start Num: 250
Candidate Starts for ManAs_3:
(Start: 250 @1074 has 144 MA's), (Start: 254 @1080 has 2 MA's), (358, 1242), (363, 1251), (399, 1311), (444, 1380), (465, 1401), (488, 1452), (619, 1656), (806, 1869), (817, 1884), (842, 1920), (880, 1962), (911, 1995), (926, 2013), (1015, 2133), (1020, 2136), (1039, 2148), (1113, 2223), (1172, 2286), (1187, 2304), (1190, 2307), (1330, 2469), (1337, 2478), (1344, 2487), (1372, 2526),

Gene: Manasvini_2 Start: 498, Stop: 2222, Start Num: 305
Candidate Starts for Manasvini_2:
(Start: 295 @483 has 6 MA's), (Start: 305 @498 has 33 MA's), (373, 588), (510, 828), (513, 834), (526, 858), (555, 915), (590, 987), (696, 1185), (728, 1227), (732, 1233), (782, 1317), (807, 1344), (885, 1455), (908, 1482), (1013, 1659), (1191, 1932), (1194, 1935), (1197, 1941), (1212, 1962), (1245, 2001), (1281, 2049), (1289, 2058), (1307, 2082), (1332, 2100), (1374, 2157), (1439, 2214),

Gene: Manatee_12 Start: 7007, Stop: 8695, Start Num: 102
Candidate Starts for Manatee_12:
(Start: 102 @7007 has 400 MA's), (Start: 309 @7187 has 15 MA's), (381, 7271), (408, 7307), (424, 7334), (513, 7457), (581, 7565), (620, 7655), (631, 7679), (647, 7706), (679, 7754), (774, 7910), (778, 7919), (809, 7970), (1001, 8195), (1009, 8204), (1021, 8216), (1080, 8258), (1100, 8279), (1117, 8306), (1193, 8414), (1279, 8504), (1365, 8609),

Gene: Mandlovu_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for Mandlovu_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 217 @629 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (454, 905), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (740, 1397), (862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1225, 1946), (1239, 1964), (1250, 1979), (1265, 2006), (1297, 2039), (1315, 2060), (1320, 2066), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: Maneater_3 Start: 1062, Stop: 2522, Start Num: 250
Candidate Starts for Maneater_3:
(Start: 250 @1062 has 144 MA's), (Start: 254 @1068 has 2 MA's), (358, 1230), (363, 1239), (399, 1299), (444, 1368), (465, 1389), (488, 1440), (619, 1644), (806, 1857), (817, 1872), (842, 1908), (880, 1950), (911, 1983), (926, 2001), (1015, 2121), (1020, 2124), (1039, 2136), (1113, 2211), (1172, 2274), (1187, 2292), (1190, 2295), (1330, 2457), (1337, 2466), (1344, 2475), (1372, 2514),

Gene: Maneekul_6 Start: 2379, Stop: 4025, Start Num: 95
Candidate Starts for Maneekul_6:
(Start: 95 @2379 has 98 MA's), (Start: 113 @2397 has 11 MA's), (Start: 330 @2601 has 14 MA's), (362, 2637), (504, 2817), (515, 2838), (575, 2925), (603, 2997), (620, 3021), (680, 3120), (690, 3135),

(704, 3159), (712, 3165), (838, 3333), (903, 3393), (983, 3483), (997, 3504), (1088, 3594), (1165, 3702), (1193, 3741), (1214, 3762), (1219, 3768), (1236, 3786), (1372, 3942), (1445, 4020),

Gene: Mangethe_2 Start: 413, Stop: 2089, Start Num: 138
Candidate Starts for Mangethe_2:
(Start: 138 @413 has 120 MA's), (Start: 318 @629 has 1 MA's), (349, 668), (380, 725), (384, 731), (396, 749), (421, 794), (422, 797), (426, 806), (431, 815), (444, 821), (445, 824), (483, 878), (490, 899), (495, 911), (558, 1001), (659, 1190), (745, 1286), (778, 1337), (902, 1478), (919, 1490), (1024, 1622), (1107, 1688), (1112, 1697), (1139, 1724), (1172, 1766), (1187, 1784), (1278, 1868), (1290, 1883), (1463, 2072),

Gene: Mantra_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Mantra_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: Manu_14 Start: 7029, Stop: 8729, Start Num: 105
Candidate Starts for Manu_14:
(Start: 105 @7029 has 85 MA's), (Start: 145 @7077 has 1 MA's), (Start: 232 @7149 has 1 MA's), (302, 7212), (513, 7491), (620, 7689), (675, 7779), (718, 7842), (809, 8004), (983, 8202), (999, 8226), (1001, 8229), (1080, 8292), (1088, 8304), (1100, 8313), (1113, 8331), (1129, 8352), (1193, 8448), (1241, 8502), (1279, 8538), (1405, 8685), (1435, 8715), (1438, 8718),

Gene: Mapleville_2 Start: 596, Stop: 2329, Start Num: 171
Candidate Starts for Mapleville_2:
(Start: 171 @596 has 16 MA's), (Start: 253 @689 has 2 MA's), (Start: 256 @692 has 6 MA's), (346, 806), (364, 842), (377, 845), (415, 905), (473, 1013), (513, 1100), (525, 1118), (571, 1187), (615, 1277), (631, 1310), (636, 1319), (650, 1340), (677, 1376), (765, 1517), (808, 1556), (962, 1703), (987, 1739), (1029, 1787), (1062, 1823), (1113, 1880), (1115, 1883), (1150, 1943), (1194, 2027), (1241, 2093), (1292, 2150), (1295, 2153), (1304, 2165), (1365, 2234), (1397, 2276), (1422, 2303),

Gene: MarQuardt_13 Start: 6958, Stop: 8658, Start Num: 105
Candidate Starts for MarQuardt_13:
(Start: 105 @6958 has 85 MA's), (Start: 145 @7006 has 1 MA's), (302, 7141), (467, 7333), (513, 7420), (620, 7618), (675, 7708), (718, 7771), (809, 7933), (983, 8131), (999, 8155), (1001, 8158), (1080, 8221), (1100, 8242), (1129, 8281), (1193, 8377), (1241, 8431), (1279, 8467), (1405, 8614), (1435, 8644), (1438, 8647),

Gene: Marav_9 Start: 3096, Stop: 4742, Start Num: 95
Candidate Starts for Marav_9:
(Start: 95 @3096 has 98 MA's), (Start: 251 @3246 has 3 MA's), (381, 3366), (407, 3399), (485, 3492), (487, 3498), (490, 3507), (504, 3534), (515, 3555), (575, 3642), (603, 3714), (620, 3738), (680, 3837), (701, 3873), (722, 3891), (768, 3978), (813, 4014), (838, 4050), (983, 4200), (997, 4221), (1088, 4311), (1113, 4338), (1165, 4419), (1193, 4458), (1214, 4479), (1236, 4503), (1292, 4563), (1372, 4659),

Gene: Maravista_2 Start: 572, Stop: 2209, Start Num: 155

Candidate Starts for Maravista_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 204 @617 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1 MA's), (Start: 330 @737 has 14 MA's), (353, 758), (412, 845), (414, 851), (454, 905), (473, 917), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (516, 998), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (740, 1397), (862, 1568), (874, 1580), (920, 1598), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1244, 1967), (1250, 1979), (1265, 2006), (1297, 2039), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: Marcell_11 Start: 6934, Stop: 8622, Start Num: 102
Candidate Starts for Marcell_11:
(Start: 102 @6934 has 400 MA's), (381, 7198), (402, 7222), (513, 7384), (535, 7417), (581, 7492), (620, 7582), (631, 7606), (647, 7633), (679, 7681), (728, 7750), (774, 7837), (809, 7897), (1001, 8122), (1009, 8131), (1021, 8143), (1080, 8185), (1100, 8206), (1117, 8233), (1193, 8341), (1279, 8431), (1365, 8536),

Gene: Marchesa_11 Start: 6547, Stop: 8244, Start Num: 102
Candidate Starts for Marchesa_11:
(Start: 102 @6547 has 400 MA's), (Start: 124 @6571 has 46 MA's), (168, 6619), (381, 6817), (424, 6880), (508, 6991), (513, 7003), (538, 7042), (550, 7054), (581, 7111), (593, 7135), (620, 7201), (623, 7210), (675, 7291), (690, 7318), (774, 7456), (825, 7543), (923, 7642), (983, 7717), (999, 7741), (1001, 7744), (1006, 7750), (1015, 7759), (1080, 7807), (1129, 7867), (1193, 7963), (1236, 8008), (1241, 8017), (1374, 8170), (1405, 8200), (1435, 8230), (1438, 8233),

Gene: Marchy_10 Start: 6561, Stop: 8249, Start Num: 102
Candidate Starts for Marchy_10:
(Start: 102 @6561 has 400 MA's), (381, 6825), (402, 6849), (513, 7011), (535, 7044), (581, 7119), (620, 7209), (631, 7233), (679, 7308), (774, 7464), (778, 7473), (808, 7521), (809, 7524), (1001, 7749), (1009, 7758), (1021, 7770), (1080, 7812), (1100, 7833), (1117, 7860), (1193, 7968), (1279, 8058), (1365, 8163),

Gene: Marco3_11 Start: 7206, Stop: 8894, Start Num: 102
Candidate Starts for Marco3_11:
(Start: 102 @7206 has 400 MA's), (381, 7470), (402, 7494), (513, 7656), (535, 7689), (581, 7764), (620, 7854), (631, 7878), (647, 7905), (679, 7953), (728, 8022), (774, 8109), (809, 8169), (1001, 8394), (1009, 8403), (1021, 8415), (1080, 8457), (1100, 8478), (1117, 8505), (1193, 8613), (1279, 8703), (1365, 8808),

Gene: Marcoliusprime_4 Start: 652, Stop: 2076, Start Num: 247
Candidate Starts for Marcoliusprime_4:
(156, 574), (Start: 165 @586 has 76 MA's), (Start: 176 @595 has 3 MA's), (Start: 247 @652 has 171 MA's), (310, 712), (Start: 322 @733 has 1 MA's), (Start: 336 @754 has 12 MA's), (391, 838), (402, 847), (425, 895), (463, 931), (487, 982), (514, 1024), (532, 1057), (593, 1138), (607, 1177), (611, 1186), (613, 1189), (675, 1267), (679, 1276), (792, 1381), (820, 1429), (827, 1441), (851, 1471), (870, 1495), (956, 1576), (962, 1588), (992, 1630), (1042, 1660), (1071, 1687), (1111, 1729), (1129, 1744), (1160, 1795), (1187, 1819), (1235, 1867), (1348, 1990), (1425, 2065),

Gene: Mardi_9 Start: 3531, Stop: 5264, Start Num: 307
Candidate Starts for Mardi_9:
(Start: 307 @3531 has 198 MA's), (367, 3630), (493, 3867), (516, 3915), (556, 3993), (570, 4011), (572, 4014), (599, 4083), (644, 4185), (656, 4209), (693, 4266), (750, 4371), (805, 4470), (820, 4500),

(847, 4542), (892, 4599), (950, 4668), (956, 4680), (1053, 4794), (1071, 4812), (1120, 4881), (1123, 4884), (1273, 5088), (1290, 5112), (1299, 5124), (1309, 5136), (1334, 5169), (1370, 5214), (1372, 5217),

Gene: Margaret_7 Start: 1862, Stop: 3562, Start Num: 167
Candidate Starts for Margaret_7:
(Start: 167 @1862 has 9 MA's), (Start: 232 @1916 has 1 MA's), (Start: 249 @1937 has 1 MA's), (266, 1964), (338, 2039), (362, 2075), (425, 2153), (487, 2228), (490, 2237), (513, 2282), (543, 2333), (595, 2432), (645, 2522), (701, 2612), (735, 2666), (780, 2741), (866, 2879), (952, 2939), (954, 2945), (987, 3011), (992, 3017), (1080, 3101), (1100, 3122), (1146, 3182), (1149, 3188), (1165, 3221), (1269, 3326), (1370, 3455), (1372, 3458), (1414, 3503), (1454, 3548), (1456, 3551),

Gene: MargaretKali_3 Start: 885, Stop: 2270, Start Num: 297
Candidate Starts for MargaretKali_3:
(Start: 235 @825 has 7 MA's), (Start: 297 @885 has 6 MA's), (Start: 299 @888 has 5 MA's), (Start: 322 @927 has 1 MA's), (362, 990), (Start: 397 @1041 has 4 MA's), (451, 1125), (463, 1131), (465, 1134), (474, 1152), (517, 1230), (568, 1284), (594, 1341), (611, 1386), (636, 1419), (690, 1494), (813, 1620), (820, 1629), (851, 1674), (873, 1701), (952, 1761), (956, 1770), (962, 1782), (971, 1794), (992, 1824), (1005, 1839), (1093, 1902), (1107, 1920), (1172, 1992), (1199, 2019), (1245, 2073), (1356, 2190), (1425, 2259),

Gene: Marge_12 Start: 7457, Stop: 9145, Start Num: 110
Candidate Starts for Marge_12:
(Start: 110 @7457 has 24 MA's), (Start: 309 @7637 has 15 MA's), (381, 7721), (Start: 403 @7748 has 1 MA's), (408, 7757), (513, 7907), (535, 7940), (581, 8015), (620, 8105), (631, 8129), (647, 8156), (679, 8204), (728, 8273), (774, 8360), (809, 8420), (1001, 8645), (1009, 8654), (1021, 8666), (1080, 8708), (1100, 8729), (1117, 8756), (1193, 8864), (1279, 8954), (1365, 9059),

Gene: Margo_12 Start: 7069, Stop: 8766, Start Num: 102
Candidate Starts for Margo_12:
(Start: 102 @7069 has 400 MA's), (Start: 124 @7093 has 46 MA's), (381, 7339), (508, 7513), (513, 7525), (538, 7564), (550, 7576), (581, 7633), (593, 7657), (620, 7723), (623, 7732), (675, 7813), (693, 7846), (774, 7978), (780, 7990), (812, 8044), (825, 8065), (848, 8098), (914, 8152), (983, 8239), (999, 8263), (1001, 8266), (1006, 8272), (1015, 8281), (1080, 8329), (1113, 8368), (1115, 8371), (1129, 8389), (1193, 8485), (1241, 8539), (1374, 8692), (1405, 8722), (1435, 8752), (1438, 8755),

Gene: Maria1952_2 Start: 428, Stop: 1993, Start Num: 165
Candidate Starts for Maria1952_2:
(Start: 165 @428 has 76 MA's), (Start: 307 @599 has 198 MA's), (Start: 397 @692 has 4 MA's), (Start: 403 @701 has 1 MA's), (419, 734), (426, 749), (431, 758), (463, 782), (488, 836), (559, 947), (593, 1013), (595, 1019), (620, 1079), (650, 1139), (672, 1169), (790, 1268), (936, 1442), (941, 1451), (961, 1487), (964, 1493), (985, 1529), (1015, 1565), (1048, 1598), (1085, 1637), (1100, 1643), (1235, 1784), (1328, 1859), (1404, 1940), (1451, 1979),

Gene: Marianna39_16 Start: 7544, Stop: 9328, Start Num: 307
Candidate Starts for Marianna39_16:
(Start: 303 @7538 has 2 MA's), (Start: 307 @7544 has 198 MA's), (367, 7643), (493, 7892), (516, 7940), (556, 8018), (572, 8039), (599, 8108), (644, 8210), (675, 8255), (680, 8267), (709, 8324), (750, 8396), (805, 8495), (837, 8552), (847, 8567), (892, 8624), (950, 8693), (956, 8705), (1009, 8798), (1053, 8858), (1071, 8876), (1076, 8882), (1120, 8945), (1123, 8948), (1150, 8987), (1244, 9119), (1273, 9152), (1290, 9176), (1299, 9188), (1315, 9206), (1370, 9278), (1372, 9281),

Gene: Marichuy_3 Start: 1179, Stop: 2639, Start Num: 250

Candidate Starts for Marichuy_3:
(Start: 250 @1179 has 144 MA's), (Start: 254 @1185 has 2 MA's), (358, 1347), (363, 1356), (399, 1416), (444, 1485), (465, 1506), (488, 1557), (619, 1761), (806, 1974), (817, 1989), (842, 2025), (880, 2067), (911, 2100), (926, 2118), (1015, 2238), (1020, 2241), (1039, 2253), (1113, 2328), (1172, 2391), (1187, 2409), (1190, 2412), (1330, 2574), (1337, 2583), (1344, 2592), (1372, 2631),

Gene: Maridalia_2 Start: 498, Stop: 2222, Start Num: 305
Candidate Starts for Maridalia_2:
(Start: 295 @483 has 6 MA's), (Start: 305 @498 has 33 MA's), (373, 588), (510, 828), (513, 834), (526, 858), (555, 915), (590, 987), (696, 1185), (728, 1227), (732, 1233), (782, 1317), (807, 1344), (885, 1455), (908, 1482), (1013, 1659), (1191, 1932), (1194, 1935), (1197, 1941), (1212, 1962), (1245, 2001), (1281, 2049), (1289, 2058), (1307, 2082), (1332, 2100), (1374, 2157), (1439, 2214),

Gene: Marie_13 Start: 6955, Stop: 8655, Start Num: 105
Candidate Starts for Marie_13:
(Start: 105 @6955 has 85 MA's), (Start: 145 @7003 has 1 MA's), (302, 7138), (467, 7330), (513, 7417), (537, 7453), (620, 7615), (675, 7705), (718, 7768), (809, 7930), (983, 8128), (999, 8152), (1001, 8155), (1080, 8218), (1100, 8239), (1129, 8278), (1193, 8374), (1241, 8428), (1279, 8464), (1405, 8611), (1435, 8641), (1438, 8644),

Gene: Marietta_26 Start: 10406, Stop: 12133, Start Num: 155
Candidate Starts for Marietta_26:
(Start: 155 @10406 has 202 MA's), (Start: 217 @10469 has 1 MA's), (Start: 317 @10556 has 15 MA's), (351, 10607), (379, 10652), (Start: 403 @10682 has 1 MA's), (408, 10691), (424, 10724), (464, 10814), (473, 10832), (621, 11114), (635, 11141), (740, 11309), (748, 11321), (824, 11432), (1007, 11615), (1104, 11729), (1113, 11744), (1136, 11777), (1196, 11852), (1320, 11996), (1365, 12038), (1387, 12068), (1432, 12110),

Gene: Mariposa_4 Start: 800, Stop: 2290, Start Num: 202
Candidate Starts for Mariposa_4:
(Start: 202 @800 has 39 MA's), (245, 845), (Start: 318 @947 has 1 MA's), (Start: 333 @965 has 4 MA's), (Start: 336 @974 has 12 MA's), (Start: 397 @1025 has 4 MA's), (399, 1028), (405, 1037), (419, 1067), (434, 1094), (506, 1193), (577, 1292), (585, 1316), (586, 1319), (588, 1322), (607, 1367), (789, 1601), (820, 1649), (827, 1661), (864, 1700), (886, 1718), (902, 1730), (904, 1733), (922, 1754), (937, 1760), (946, 1772), (987, 1850), (1047, 1904), (1112, 1958), (1121, 1970), (1156, 2015), (1206, 2063), (1299, 2147), (1349, 2204), (1406, 2273),

Gene: Marius_14 Start: 7029, Stop: 8729, Start Num: 105
Candidate Starts for Marius_14:
(Start: 105 @7029 has 85 MA's), (Start: 145 @7077 has 1 MA's), (Start: 232 @7149 has 1 MA's), (302, 7212), (513, 7491), (620, 7689), (675, 7779), (718, 7842), (809, 8004), (983, 8202), (999, 8226), (1001, 8229), (1080, 8292), (1088, 8304), (1100, 8313), (1113, 8331), (1129, 8352), (1193, 8448), (1241, 8502), (1279, 8538), (1405, 8685), (1435, 8715), (1438, 8718),

Gene: MarkPhew_7 Start: 1432, Stop: 2856, Start Num: 247
Candidate Starts for MarkPhew_7:
(Start: 247 @1432 has 171 MA's), (Start: 322 @1519 has 1 MA's), (Start: 336 @1543 has 12 MA's), (363, 1588), (391, 1627), (402, 1636), (405, 1642), (425, 1684), (444, 1702), (463, 1720), (487, 1771), (505, 1810), (517, 1819), (532, 1846), (591, 1924), (607, 1966), (611, 1975), (675, 2056), (792, 2170), (816, 2212), (820, 2218), (827, 2230), (851, 2260), (880, 2296), (893, 2311), (962, 2380), (993, 2422), (1042, 2452), (1111, 2521), (1142, 2554), (1146, 2557), (1172, 2593), (1187, 2611), (1216, 2644), (1425, 2845),

Gene: Marmie_2 Start: 359, Stop: 1891, Start Num: 161
Candidate Starts for Marmie_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Maroc7_10 Start: 6747, Stop: 8435, Start Num: 102
Candidate Starts for Maroc7_10:
(Start: 102 @6747 has 400 MA's), (381, 7011), (402, 7035), (513, 7197), (535, 7230), (581, 7305), (620, 7395), (631, 7419), (647, 7446), (679, 7494), (728, 7563), (767, 7638), (774, 7650), (809, 7710), (1009, 7944), (1021, 7956), (1080, 7998), (1100, 8019), (1117, 8046), (1193, 8154), (1279, 8244), (1365, 8349),

Gene: Marsha_11 Start: 7191, Stop: 8879, Start Num: 102
Candidate Starts for Marsha_11:
(Start: 102 @7191 has 400 MA's), (Start: 309 @7371 has 15 MA's), (381, 7455), (408, 7491), (424, 7518), (513, 7641), (581, 7749), (620, 7839), (631, 7863), (647, 7890), (679, 7938), (774, 8094), (809, 8154), (1001, 8379), (1009, 8388), (1021, 8400), (1080, 8442), (1100, 8463), (1117, 8490), (1193, 8598), (1279, 8688), (1365, 8793),

Gene: Marshawn_9 Start: 2072, Stop: 3451, Start Num: 297
Candidate Starts for Marshawn_9:
(Start: 230 @2015 has 31 MA's), (Start: 247 @2027 has 171 MA's), (Start: 297 @2072 has 6 MA's), (310, 2093), (Start: 322 @2114 has 1 MA's), (334, 2132), (Start: 336 @2138 has 12 MA's), (391, 2222), (402, 2231), (405, 2237), (425, 2279), (444, 2297), (463, 2315), (487, 2366), (532, 2441), (591, 2519), (607, 2561), (611, 2570), (675, 2651), (792, 2765), (820, 2813), (827, 2825), (851, 2855), (870, 2879), (893, 2906), (962, 2975), (993, 3017), (1042, 3047), (1111, 3116), (1112, 3119), (1146, 3152), (1160, 3182), (1172, 3188), (1187, 3206), (1206, 3227), (1216, 3239), (1353, 3383), (1425, 3440), (1431, 3446),

Gene: Marteena_2 Start: 485, Stop: 2284, Start Num: 87
Candidate Starts for Marteena_2:
(Start: 87 @485 has 22 MA's), (Start: 207 @623 has 6 MA's), (229, 650), (354, 782), (362, 797), (430, 881), (469, 911), (477, 923), (485, 932), (502, 971), (513, 992), (552, 1052), (573, 1076), (602, 1148), (623, 1184), (642, 1220), (696, 1310), (711, 1331), (732, 1376), (735, 1382), (746, 1400), (759, 1415), (927, 1589), (956, 1616), (1001, 1685), (1006, 1691), (1080, 1757), (1088, 1769), (1102, 1796), (1165, 1907), (1182, 1943), (1193, 1955), (1197, 1961), (1211, 1979), (1234, 2006), (1249, 2030), (1287, 2093), (1325, 2135), (1370, 2192), (1381, 2207), (1399, 2222), (1445, 2270), (1448, 2273),

Gene: Martik_2 Start: 573, Stop: 2210, Start Num: 155
Candidate Starts for Martik_2:
(Start: 155 @573 has 202 MA's), (163, 582), (Start: 176 @597 has 3 MA's), (Start: 204 @618 has 1 MA's), (Start: 247 @654 has 171 MA's), (Start: 250 @657 has 144 MA's), (261, 675), (Start: 318 @720 has 1 MA's), (353, 759), (412, 846), (454, 906), (484, 930), (487, 939), (488, 942), (496, 963), (508, 984), (516, 999), (548, 1056), (575, 1095), (602, 1164), (604, 1170), (621, 1200), (622, 1203), (627, 1212), (635, 1227), (647, 1245), (680, 1296), (736, 1389), (740, 1398), (862, 1569), (874, 1581), (983, 1665), (1005, 1695), (1007, 1698), (1010, 1701), (1080, 1758), (1097, 1773), (1101, 1779), (1104, 1782), (1113, 1797), (1117, 1806), (1149, 1845), (1164, 1875), (1190, 1905), (1196, 1914), (1225, 1947), (1250, 1980), (1265, 2007), (1297, 2040), (1325, 2070), (1349, 2091), (1365, 2115), (1372, 2124), (1374, 2127), (1429, 2184),

Gene: Marvin_33 Start: 11120, Stop: 12862, Start Num: 170
Candidate Starts for Marvin_33:
(Start: 170 @11120 has 103 MA's), (302, 11237), (Start: 330 @11282 has 14 MA's), (369, 11348), (374, 11363), (402, 11396), (Start: 403 @11399 has 1 MA's), (411, 11414), (425, 11438), (426, 11441), (467, 11471), (479, 11492), (485, 11510), (488, 11519), (505, 11555), (513, 11570), (543, 11615), (575, 11657), (590, 11696), (595, 11708), (603, 11729), (632, 11780), (647, 11801), (798, 12023), (866, 12128), (874, 12137), (930, 12170), (954, 12191), (956, 12194), (969, 12221), (983, 12251), (992, 12263), (1001, 12278), (1009, 12287), (1015, 12293), (1062, 12335), (1074, 12344), (1084, 12359), (1100, 12374), (1146, 12434), (1163, 12473), (1185, 12506), (1214, 12536), (1217, 12539), (1265, 12623), (1292, 12677), (1304, 12692), (1332, 12719), (1372, 12773), (1451, 12845), (1453, 12848),

Gene: MaryBeth_11 Start: 7169, Stop: 8857, Start Num: 102
Candidate Starts for MaryBeth_11:
(Start: 102 @7169 has 400 MA's), (Start: 309 @7349 has 15 MA's), (381, 7433), (408, 7469), (513, 7619), (581, 7727), (620, 7817), (631, 7841), (647, 7868), (679, 7916), (728, 7985), (767, 8060), (774, 8072), (809, 8132), (1001, 8357), (1009, 8366), (1021, 8378), (1080, 8420), (1100, 8441), (1117, 8468), (1193, 8576), (1279, 8666), (1365, 8771),

Gene: MaryV_26 Start: 8094, Stop: 9707, Start Num: 152
Candidate Starts for MaryV_26:
(Start: 152 @8094 has 15 MA's), (293, 8244), (310, 8262), (Start: 333 @8295 has 4 MA's), (339, 8307), (Start: 403 @8358 has 1 MA's), (405, 8361), (428, 8409), (431, 8415), (470, 8454), (472, 8457), (487, 8490), (531, 8559), (572, 8625), (578, 8643), (591, 8667), (594, 8673), (651, 8778), (690, 8820), (707, 8838), (714, 8847), (878, 9051), (883, 9057), (912, 9090), (1050, 9255), (1060, 9264), (1065, 9270), (1071, 9273), (1142, 9348), (1160, 9381), (1178, 9396), (1263, 9477), (1394, 9630), (1415, 9651), (1418, 9654),

Gene: MarysWell_8 Start: 6156, Stop: 7907, Start Num: 67
Candidate Starts for MarysWell_8:
(Start: 54 @6129 has 19 MA's), (Start: 67 @6156 has 32 MA's), (Start: 115 @6225 has 1 MA's), (Start: 237 @6339 has 1 MA's), (241, 6345), (362, 6477), (424, 6552), (425, 6555), (467, 6588), (487, 6621), (551, 6729), (567, 6753), (581, 6786), (620, 6861), (641, 6906), (690, 6984), (693, 6990), (793, 7155), (812, 7188), (825, 7209), (983, 7383), (999, 7407), (1001, 7410), (1080, 7470), (1088, 7482), (1113, 7509), (1129, 7530), (1182, 7614), (1193, 7626), (1281, 7719), (1405, 7863), (1438, 7896), (1443, 7902),

Gene: Maselop_28 Start: 14057, Stop: 15730, Start Num: 155
Candidate Starts for Maselop_28:
(Start: 155 @14057 has 202 MA's), (Start: 317 @14201 has 15 MA's), (351, 14252), (473, 14426), (487, 14447), (496, 14471), (510, 14498), (531, 14531), (571, 14597), (591, 14645), (621, 14708), (635, 14735), (740, 14903), (748, 14915), (824, 15026), (858, 15077), (985, 15176), (1054, 15275), (1064, 15287), (1088, 15314), (1104, 15326), (1113, 15341), (1163, 15416), (1196, 15449), (1225, 15482), (1297, 15566), (1315, 15587), (1365, 15635), (1434, 15710),

Gene: Massimo_4 Start: 800, Stop: 2290, Start Num: 202
Candidate Starts for Massimo_4:
(Start: 202 @800 has 39 MA's), (245, 845), (Start: 318 @947 has 1 MA's), (Start: 333 @965 has 4 MA's), (Start: 336 @974 has 12 MA's), (Start: 397 @1025 has 4 MA's), (399, 1028), (405, 1037), (419, 1067), (434, 1094), (506, 1193), (577, 1292), (585, 1316), (586, 1319), (588, 1322), (607, 1367), (789, 1601), (820, 1649), (827, 1661), (864, 1700), (886, 1718), (902, 1730), (904, 1733), (922, 1754), (937, 1760), (946, 1772), (987, 1850), (1047, 1904), (1112, 1958), (1121, 1970), (1156, 2015), (1206, 2063),

(1299, 2147), (1349, 2204), (1406, 2273),

Gene: MasterPitts_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for MasterPitts_3:
(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (806, 1881), (817, 1896), (842, 1932), (880, 1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298), (1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: Matteo_2 Start: 318, Stop: 1889, Start Num: 151
Candidate Starts for Matteo_2:
(Start: 151 @318 has 55 MA's), (Start: 297 @474 has 6 MA's), (Start: 318 @504 has 1 MA's), (342, 537), (421, 621), (425, 630), (491, 726), (566, 816), (607, 912), (620, 936), (648, 978), (689, 1032), (723, 1071), (778, 1137), (789, 1149), (808, 1179), (840, 1212), (919, 1293), (959, 1338), (962, 1344), (971, 1365), (1054, 1455), (1109, 1500), (1112, 1506), (1142, 1536), (1146, 1539), (1187, 1593), (1216, 1629), (1280, 1680), (1331, 1740), (1334, 1743), (1371, 1785), (1461, 1872),

Gene: Mattes_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for Mattes_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 217 @629 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (454, 905), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (736, 1388), (740, 1397), (862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1250, 1979), (1265, 2006), (1297, 2039), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: MauiIvory_3 Start: 1185, Stop: 2639, Start Num: 254
Candidate Starts for MauiIvory_3:
(Start: 250 @1179 has 144 MA's), (Start: 254 @1185 has 2 MA's), (358, 1347), (363, 1356), (399, 1416), (444, 1485), (465, 1506), (488, 1557), (619, 1761), (755, 1896), (806, 1974), (817, 1989), (829, 2007), (842, 2025), (880, 2067), (911, 2100), (926, 2118), (1015, 2238), (1020, 2241), (1039, 2253), (1047, 2265), (1113, 2328), (1160, 2385), (1172, 2391), (1178, 2400), (1187, 2409), (1190, 2412), (1330, 2574), (1337, 2583), (1344, 2592), (1372, 2631),

Gene: Maureen_2 Start: 532, Stop: 2271, Start Num: 124
Candidate Starts for Maureen_2:
(Start: 124 @532 has 46 MA's), (Start: 176 @592 has 3 MA's), (Start: 185 @601 has 14 MA's), (Start: 232 @655 has 1 MA's), (350, 778), (469, 916), (477, 928), (490, 952), (513, 997), (546, 1045), (595, 1138), (645, 1237), (647, 1240), (686, 1297), (746, 1399), (748, 1402), (812, 1468), (851, 1525), (910, 1594), (1001, 1714), (1165, 1906), (1193, 1942), (1209, 1957), (1325, 2122), (1381, 2194), (1399, 2209), (1402, 2212), (1442, 2257),

Gene: Maverick_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Maverick_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Maxo_11 Start: 6885, Stop: 8582, Start Num: 102

Candidate Starts for Maxo_11:
(Start: 102 @6885 has 400 MA's), (Start: 124 @6909 has 46 MA's), (Start: 251 @7032 has 3 MA's), (350, 7122), (381, 7155), (467, 7254), (512, 7338), (513, 7341), (538, 7380), (581, 7449), (593, 7473), (620, 7539), (675, 7629), (774, 7794), (825, 7881), (848, 7914), (923, 7980), (981, 8052), (983, 8055), (999, 8079), (1064, 8130), (1080, 8145), (1113, 8184), (1129, 8205), (1193, 8301), (1405, 8538), (1435, 8568), (1438, 8571),

Gene: Maxxinista_9 Start: 2280, Stop: 3950, Start Num: 394
Candidate Starts for Maxxinista_9:
(Start: 394 @2280 has 48 MA's), (427, 2343), (551, 2577), (598, 2679), (693, 2859), (710, 2883), (724, 2901), (732, 2913), (768, 2976), (776, 2988), (808, 3033), (815, 3048), (873, 3126), (911, 3171), (934, 3225), (935, 3231), (1000, 3345), (1104, 3489), (1124, 3525), (1218, 3678), (1232, 3690), (1279, 3747), (1307, 3783), (1346, 3834), (1372, 3870), (1374, 3873), (1438, 3939),

Gene: Maya_8 Start: 3154, Stop: 4899, Start Num: 307
Candidate Starts for Maya_8:
(Start: 307 @3154 has 198 MA's), (342, 3208), (345, 3211), (363, 3247), (367, 3253), (488, 3487), (535, 3586), (556, 3628), (572, 3649), (589, 3691), (594, 3703), (637, 3802), (644, 3820), (666, 3856), (791, 4081), (805, 4105), (808, 4111), (892, 4234), (950, 4303), (1050, 4420), (1052, 4426), (1071, 4447), (1120, 4516), (1123, 4519), (1156, 4570), (1223, 4657), (1273, 4723), (1290, 4747), (1299, 4759), (1315, 4777), (1370, 4849), (1372, 4852),

Gene: Mayonnaise_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Mayonnaise_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Mayweather_5 Start: 1518, Stop: 3194, Start Num: 170
Candidate Starts for Mayweather_5:
(Start: 170 @1518 has 103 MA's), (Start: 232 @1569 has 1 MA's), (Start: 249 @1590 has 1 MA's), (304, 1635), (Start: 330 @1677 has 14 MA's), (362, 1713), (415, 1779), (477, 1842), (490, 1875), (509, 1911), (513, 1920), (515, 1923), (543, 1971), (595, 2070), (603, 2091), (625, 2127), (636, 2148), (659, 2184), (701, 2250), (735, 2304), (842, 2484), (866, 2517), (954, 2583), (956, 2586), (987, 2649), (992, 2655), (1146, 2820), (1163, 2853), (1219, 2922), (1292, 3000), (1295, 3003), (1370, 3093), (1374, 3099), (1394, 3120), (1454, 3180), (1456, 3183),

Gene: Mazhar510_11 Start: 6885, Stop: 8582, Start Num: 102
Candidate Starts for Mazhar510_11:
(Start: 102 @6885 has 400 MA's), (Start: 124 @6909 has 46 MA's), (Start: 251 @7032 has 3 MA's), (350, 7122), (381, 7155), (467, 7254), (512, 7338), (513, 7341), (538, 7380), (581, 7449), (593, 7473), (620, 7539), (675, 7629), (774, 7794), (825, 7881), (848, 7914), (923, 7980), (981, 8052), (983, 8055), (999, 8079), (1064, 8130), (1080, 8145), (1113, 8184), (1129, 8205), (1193, 8301), (1405, 8538), (1435, 8568), (1438, 8571),

Gene: Mbo4_2 Start: 442, Stop: 1950, Start Num: 188
Candidate Starts for Mbo4_2:
(188, 442), (Start: 297 @553 has 6 MA's), (Start: 318 @580 has 1 MA's), (487, 790), (488, 793), (501, 820), (565, 889), (607, 988), (611, 997), (620, 1012), (648, 1054), (723, 1147), (745, 1162), (778, 1213), (805, 1246), (891, 1345), (919, 1372), (959, 1414), (977, 1447), (1060, 1519), (1086, 1549), (1109, 1561), (1111, 1564), (1112, 1567), (1113, 1570), (1172, 1636), (1187, 1654), (1201, 1669),

(1286, 1747), (1297, 1762), (1334, 1801), (1346, 1816), (1422, 1900),

Gene: McDazzle_3 Start: 1365, Stop: 3041, Start Num: 170
Candidate Starts for McDazzle_3:
(Start: 170 @1365 has 103 MA's), (Start: 232 @1416 has 1 MA's), (Start: 249 @1437 has 1 MA's), (304, 1482), (415, 1626), (477, 1689), (490, 1722), (509, 1758), (513, 1767), (515, 1770), (535, 1803), (543, 1818), (595, 1917), (603, 1938), (625, 1974), (636, 1995), (659, 2031), (701, 2097), (735, 2151), (842, 2331), (866, 2364), (954, 2430), (956, 2433), (987, 2496), (992, 2502), (1146, 2667), (1163, 2700), (1219, 2769), (1292, 2847), (1295, 2850), (1370, 2940), (1374, 2946), (1394, 2967), (1454, 3027), (1456, 3030),

Gene: McFly_15 Start: 7533, Stop: 9287, Start Num: 103
Candidate Starts for McFly_15:
(Start: 103 @7533 has 236 MA's), (298, 7764), (Start: 330 @7815 has 14 MA's), (362, 7851), (424, 7926), (513, 8049), (538, 8088), (581, 8157), (593, 8181), (594, 8184), (620, 8247), (631, 8271), (693, 8370), (696, 8373), (718, 8400), (722, 8403), (923, 8688), (992, 8775), (999, 8787), (1080, 8850), (1113, 8889), (1129, 8910), (1182, 8994), (1193, 9006), (1405, 9243), (1433, 9270), (1435, 9273),

Gene: McGonagall_2 Start: 520, Stop: 1905, Start Num: 252
Candidate Starts for McGonagall_2:
(Start: 252 @520 has 5 MA's), (Start: 301 @586 has 2 MA's), (Start: 318 @613 has 1 MA's), (424, 736), (425, 739), (444, 757), (484, 820), (487, 829), (488, 832), (538, 901), (563, 934), (577, 958), (586, 985), (607, 1033), (677, 1132), (714, 1165), (725, 1177), (745, 1189), (860, 1345), (880, 1360), (924, 1408), (963, 1453), (968, 1462), (979, 1486), (1021, 1525), (1344, 1825), (1397, 1891),

Gene: McGuire_12 Start: 7052, Stop: 8740, Start Num: 102
Candidate Starts for McGuire_12:
(Start: 102 @7052 has 400 MA's), (Start: 309 @7232 has 15 MA's), (381, 7316), (408, 7352), (424, 7379), (513, 7502), (581, 7610), (620, 7700), (631, 7724), (647, 7751), (679, 7799), (774, 7955), (808, 8012), (809, 8015), (1009, 8249), (1021, 8261), (1080, 8303), (1100, 8324), (1117, 8351), (1193, 8459), (1279, 8549), (1365, 8654),

Gene: McMater_8 Start: 1660, Stop: 3090, Start Num: 247
Candidate Starts for McMater_8:
(Start: 197 @1618 has 3 MA's), (Start: 230 @1648 has 31 MA's), (Start: 247 @1660 has 171 MA's), (Start: 322 @1750 has 1 MA's), (Start: 336 @1774 has 12 MA's), (342, 1780), (363, 1819), (391, 1858), (402, 1867), (405, 1873), (425, 1915), (444, 1933), (463, 1951), (487, 2002), (517, 2050), (607, 2197), (611, 2206), (742, 2335), (792, 2401), (816, 2443), (820, 2449), (827, 2461), (851, 2491), (870, 2515), (893, 2542), (962, 2611), (993, 2653), (1042, 2683), (1064, 2707), (1112, 2755), (1160, 2818), (1187, 2842), (1235, 2893), (1283, 2932), (1353, 3022), (1389, 3061), (1425, 3079), (1431, 3085),

Gene: McShie_3 Start: 1071, Stop: 2531, Start Num: 250
Candidate Starts for McShie_3:
(Start: 250 @1071 has 144 MA's), (Start: 254 @1077 has 2 MA's), (358, 1239), (363, 1248), (399, 1308), (444, 1377), (465, 1398), (488, 1449), (619, 1653), (755, 1788), (806, 1866), (817, 1881), (842, 1917), (880, 1959), (911, 1992), (926, 2010), (1015, 2130), (1020, 2133), (1039, 2145), (1113, 2220), (1172, 2283), (1187, 2301), (1190, 2304), (1330, 2466), (1337, 2475), (1344, 2484), (1372, 2523),

Gene: McSinger_12 Start: 7132, Stop: 8820, Start Num: 102
Candidate Starts for McSinger_12:
(Start: 102 @7132 has 400 MA's), (381, 7396), (402, 7420), (513, 7582), (535, 7615), (581, 7690), (620, 7780), (631, 7804), (647, 7831), (679, 7879), (774, 8035), (778, 8044), (808, 8092), (809, 8095), (1009, 8329), (1021, 8341), (1080, 8383), (1100, 8404), (1117, 8431), (1193, 8539), (1279, 8629),

(1365, 8734),

Gene: Mcklovin_3 Start: 962, Stop: 2683, Start Num: 307
Candidate Starts for Mcklovin_3:
(269, 890), (270, 893), (Start: 307 @962 has 198 MA's), (Start: 309 @965 has 15 MA's), (373, 1049), (439, 1163), (486, 1232), (499, 1265), (510, 1289), (513, 1295), (526, 1319), (530, 1325), (555, 1376), (590, 1448), (626, 1526), (696, 1646), (728, 1688), (732, 1694), (782, 1778), (783, 1781), (807, 1805), (857, 1880), (885, 1916), (908, 1943), (1013, 2120), (1191, 2393), (1194, 2396), (1197, 2402), (1212, 2423), (1241, 2456), (1245, 2462), (1281, 2510), (1289, 2519), (1307, 2543), (1332, 2561), (1374, 2618), (1439, 2675),

Gene: Mdavu_4 Start: 847, Stop: 2271, Start Num: 247
Candidate Starts for Mdavu_4:
(Start: 230 @835 has 31 MA's), (Start: 247 @847 has 171 MA's), (310, 913), (Start: 336 @958 has 12 MA's), (363, 1003), (391, 1042), (402, 1051), (425, 1099), (444, 1117), (463, 1135), (487, 1186), (517, 1234), (532, 1261), (607, 1381), (611, 1390), (637, 1426), (638, 1429), (675, 1471), (686, 1489), (792, 1585), (816, 1627), (820, 1633), (827, 1645), (851, 1675), (856, 1681), (870, 1699), (893, 1726), (962, 1795), (1042, 1867), (1112, 1939), (1146, 1972), (1150, 1981), (1172, 2008), (1187, 2026), (1353, 2203), (1425, 2260), (1431, 2266),

Gene: MeaningOfLife_8 Start: 1563, Stop: 2984, Start Num: 247
Candidate Starts for MeaningOfLife_8:
(Start: 165 @1491 has 76 MA's), (Start: 230 @1551 has 31 MA's), (Start: 247 @1563 has 171 MA's), (Start: 336 @1674 has 12 MA's), (342, 1680), (391, 1758), (402, 1767), (425, 1815), (444, 1833), (487, 1902), (514, 1944), (517, 1950), (532, 1977), (533, 1980), (607, 2097), (611, 2106), (675, 2187), (792, 2301), (820, 2349), (827, 2361), (851, 2391), (870, 2415), (880, 2427), (959, 2505), (962, 2511), (1112, 2655), (1146, 2688), (1187, 2742), (1353, 2919), (1425, 2973),

Gene: Medindi_2 Start: 588, Stop: 2225, Start Num: 155
Candidate Starts for Medindi_2:
(Start: 155 @588 has 202 MA's), (168, 603), (Start: 176 @612 has 3 MA's), (182, 618), (Start: 217 @645 has 1 MA's), (Start: 247 @669 has 171 MA's), (Start: 250 @672 has 144 MA's), (Start: 318 @735 has 1 MA's), (Start: 330 @753 has 14 MA's), (353, 774), (412, 861), (414, 867), (454, 921), (473, 933), (484, 945), (487, 954), (488, 957), (496, 978), (508, 999), (516, 1014), (548, 1071), (575, 1110), (602, 1179), (604, 1185), (621, 1215), (622, 1218), (627, 1227), (635, 1242), (647, 1260), (680, 1311), (740, 1413), (862, 1584), (874, 1596), (920, 1614), (983, 1680), (1005, 1710), (1007, 1713), (1010, 1716), (1080, 1773), (1097, 1788), (1101, 1794), (1104, 1797), (1113, 1812), (1117, 1821), (1164, 1890), (1190, 1920), (1196, 1929), (1225, 1962), (1250, 1995), (1265, 2022), (1297, 2055), (1320, 2082), (1325, 2085), (1349, 2106), (1365, 2130), (1372, 2139), (1374, 2142), (1429, 2199),

Gene: MediumFry_8 Start: 3841, Stop: 5580, Start Num: 307
Candidate Starts for MediumFry_8:
(Start: 307 @3841 has 198 MA's), (367, 3940), (433, 4060), (485, 4159), (502, 4201), (516, 4231), (556, 4309), (572, 4330), (644, 4501), (656, 4525), (666, 4537), (750, 4687), (791, 4762), (805, 4786), (872, 4891), (892, 4915), (956, 4996), (981, 5044), (1053, 5110), (1071, 5128), (1076, 5134), (1111, 5176), (1117, 5191), (1120, 5197), (1123, 5200), (1273, 5404), (1290, 5428), (1299, 5440), (1315, 5458), (1370, 5530), (1372, 5533),

Gene: Medusa_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Medusa_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054),

(999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: MeeZee_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for MeeZee_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: MegTheThird_11 Start: 6346, Stop: 8004, Start Num: 241
Candidate Starts for MegTheThird_11:
(Start: 103 @6214 has 236 MA's), (Start: 117 @6229 has 10 MA's), (241, 6346), (298, 6445), (302, 6451), (424, 6607), (487, 6679), (513, 6733), (538, 6772), (581, 6844), (620, 6934), (631, 6958), (718, 7087), (722, 7090), (823, 7273), (898, 7369), (953, 7429), (1064, 7552), (1080, 7567), (1088, 7579), (1129, 7627), (1163, 7681), (1182, 7711), (1193, 7723), (1281, 7816), (1295, 7831), (1405, 7960), (1433, 7987), (1435, 7990),

Gene: MeganNoll_5 Start: 3133, Stop: 4698, Start Num: 165
Candidate Starts for MeganNoll_5:
(Start: 165 @3133 has 76 MA's), (Start: 333 @3343 has 4 MA's), (Start: 397 @3397 has 4 MA's), (431, 3463), (463, 3487), (584, 3703), (593, 3718), (595, 3724), (620, 3784), (650, 3844), (770, 3943), (790, 3973), (803, 3988), (852, 4069), (936, 4147), (941, 4156), (961, 4192), (983, 4231), (1009, 4264), (1020, 4273), (1046, 4300), (1105, 4354), (1133, 4396), (1197, 4441), (1212, 4462), (1232, 4486), (1328, 4564), (1451, 4684),

Gene: Megiddo_2 Start: 400, Stop: 2076, Start Num: 138
Candidate Starts for Megiddo_2:
(Start: 138 @400 has 120 MA's), (Start: 318 @616 has 1 MA's), (349, 655), (380, 712), (384, 718), (396, 736), (421, 781), (426, 793), (431, 802), (444, 808), (483, 865), (490, 886), (495, 898), (558, 988), (659, 1177), (745, 1273), (766, 1303), (778, 1324), (902, 1465), (919, 1477), (959, 1522), (1107, 1675), (1112, 1684), (1139, 1711), (1172, 1753), (1187, 1771), (1278, 1855), (1290, 1870), (1463, 2059),

Gene: Megsy_8 Start: 1562, Stop: 2983, Start Num: 247
Candidate Starts for Megsy_8:
(Start: 165 @1490 has 76 MA's), (Start: 230 @1550 has 31 MA's), (Start: 247 @1562 has 171 MA's), (Start: 336 @1673 has 12 MA's), (342, 1679), (391, 1757), (402, 1766), (425, 1814), (444, 1832), (487, 1901), (514, 1943), (517, 1949), (532, 1976), (533, 1979), (607, 2096), (611, 2105), (675, 2186), (792, 2300), (820, 2348), (827, 2360), (851, 2390), (870, 2414), (880, 2426), (959, 2504), (962, 2510), (1112, 2654), (1146, 2687), (1187, 2741), (1353, 2918), (1425, 2972),

Gene: Meibysrarus_8 Start: 3146, Stop: 4891, Start Num: 307
Candidate Starts for Meibysrarus_8:
(Start: 307 @3146 has 198 MA's), (342, 3200), (345, 3203), (363, 3239), (367, 3245), (488, 3479), (535, 3578), (556, 3620), (572, 3641), (589, 3683), (594, 3695), (637, 3794), (644, 3812), (666, 3848), (791, 4073), (805, 4097), (808, 4103), (892, 4226), (950, 4295), (1050, 4412), (1071, 4439), (1120, 4508), (1123, 4511), (1156, 4562), (1223, 4649), (1273, 4715), (1288, 4736), (1290, 4739), (1299, 4751), (1315, 4769), (1370, 4841), (1372, 4844),

Gene: MelBee03_3 Start: 1071, Stop: 2531, Start Num: 250
Candidate Starts for MelBee03_3:

(Start: 250 @1071 has 144 MA's), (Start: 254 @1077 has 2 MA's), (358, 1239), (363, 1248), (399, 1308), (444, 1377), (465, 1398), (488, 1449), (619, 1653), (637, 1677), (755, 1788), (806, 1866), (817, 1881), (842, 1917), (880, 1959), (911, 1992), (926, 2010), (1015, 2130), (1020, 2133), (1039, 2145), (1113, 2220), (1172, 2283), (1187, 2301), (1190, 2304), (1330, 2466), (1337, 2475), (1372, 2523),

Gene: Melba_2 Start: 360, Stop: 1928, Start Num: 173
Candidate Starts for Melba_2:
(65, 255), (Start: 173 @360 has 36 MA's), (259, 444), (289, 477), (Start: 318 @519 has 1 MA's), (Start: 333 @537 has 4 MA's), (342, 552), (384, 573), (399, 594), (419, 633), (465, 693), (483, 729), (487, 741), (515, 786), (520, 795), (539, 822), (593, 900), (648, 1005), (661, 1020), (675, 1035), (745, 1113), (778, 1164), (919, 1320), (956, 1359), (973, 1398), (1015, 1443), (1071, 1488), (1074, 1491), (1078, 1497), (1107, 1518), (1112, 1527), (1113, 1530), (1146, 1560), (1157, 1584), (1174, 1599), (1278, 1701), (1317, 1743), (1326, 1758), (1346, 1779), (1358, 1794), (1449, 1890), (1459, 1902), (1463, 1911), (1464, 1917),

Gene: Melissauren88_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Melissauren88_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: Mellie_2 Start: 360, Stop: 1928, Start Num: 173
Candidate Starts for Mellie_2:
(65, 255), (Start: 173 @360 has 36 MA's), (259, 444), (289, 477), (Start: 318 @519 has 1 MA's), (Start: 333 @537 has 4 MA's), (342, 552), (384, 573), (399, 594), (419, 633), (465, 693), (483, 729), (487, 741), (515, 786), (520, 795), (539, 822), (588, 891), (593, 900), (648, 1005), (661, 1020), (675, 1035), (745, 1113), (778, 1164), (919, 1320), (956, 1359), (973, 1398), (1002, 1431), (1015, 1443), (1071, 1488), (1074, 1491), (1078, 1497), (1107, 1518), (1112, 1527), (1113, 1530), (1146, 1560), (1157, 1584), (1174, 1599), (1278, 1701), (1317, 1743), (1326, 1758), (1346, 1779), (1358, 1794), (1449, 1890), (1459, 1902), (1463, 1911), (1464, 1917),

Gene: Melons_4 Start: 848, Stop: 2494, Start Num: 171
Candidate Starts for Melons_4:
(Start: 171 @848 has 16 MA's), (Start: 309 @1013 has 15 MA's), (334, 1052), (Start: 397 @1103 has 4 MA's), (405, 1115), (422, 1151), (431, 1169), (569, 1352), (620, 1466), (625, 1478), (650, 1526), (665, 1547), (677, 1562), (713, 1619), (961, 1934), (1003, 2000), (1015, 2012), (1048, 2045), (1096, 2084), (1102, 2093), (1105, 2096), (1151, 2162), (1176, 2192), (1212, 2237), (1257, 2279), (1283, 2306), (1286, 2309), (1364, 2402), (1369, 2408), (1385, 2429), (1394, 2441), (1447, 2480), (1449, 2483),

Gene: Melville_2 Start: 504, Stop: 2036, Start Num: 230
Candidate Starts for Melville_2:
(Start: 227 @501 has 25 MA's), (Start: 230 @504 has 31 MA's), (246, 516), (Start: 249 @519 has 1 MA's), (292, 576), (Start: 307 @594 has 198 MA's), (316, 606), (390, 678), (Start: 403 @696 has 1 MA's), (412, 714), (422, 735), (474, 798), (490, 837), (507, 870), (539, 918), (583, 1002), (593, 1017), (613, 1068), (618, 1077), (637, 1101), (659, 1140), (661, 1143), (677, 1155), (747, 1281), (766, 1305), (808, 1368), (878, 1452), (950, 1524), (962, 1548), (981, 1590), (987, 1599), (1043, 1656), (1080, 1695), (1136, 1752), (1146, 1758), (1152, 1761), (1187, 1782), (1226, 1830), (1278, 1866), (1349,

1947), (1353, 1953),

Gene: Melvin_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Melvin_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Mema_10 Start: 4752, Stop: 6503, Start Num: 307
Candidate Starts for Mema_10:
(Start: 307 @4752 has 198 MA's), (358, 4836), (367, 4851), (488, 5085), (491, 5094), (516, 5148), (556, 5226), (608, 5340), (644, 5418), (728, 5562), (750, 5610), (801, 5700), (805, 5709), (820, 5739), (892, 5838), (956, 5919), (987, 5976), (1052, 6030), (1120, 6120), (1123, 6123), (1156, 6174), (1190, 6216), (1290, 6351), (1299, 6363),

Gene: Mendokysei_2 Start: 535, Stop: 2514, Start Num: 35
Candidate Starts for Mendokysei_2:
(Start: 35 @535 has 1 MA's), (Start: 72 @631 has 7 MA's), (Start: 232 @817 has 1 MA's), (241, 829), (488, 1108), (490, 1114), (504, 1141), (513, 1159), (553, 1222), (625, 1357), (746, 1573), (753, 1582), (790, 1615), (987, 1834), (1028, 1885), (1031, 1888), (1054, 1909), (1091, 1960), (1102, 1975), (1146, 2047), (1167, 2089), (1174, 2098), (1185, 2128), (1193, 2137), (1226, 2188), (1241, 2209), (1277, 2308), (1281, 2314), (1292, 2326), (1370, 2419), (1381, 2434), (1383, 2437), (1448, 2497),

Gene: MerCougar_25 Start: 13111, Stop: 14841, Start Num: 155
Candidate Starts for MerCougar_25:
(Start: 155 @13111 has 202 MA's), (Start: 161 @13117 has 29 MA's), (351, 13312), (353, 13318), (379, 13357), (Start: 403 @13387 has 1 MA's), (414, 13411), (424, 13429), (621, 13822), (635, 13849), (740, 14017), (748, 14029), (768, 14062), (824, 14140), (1007, 14323), (1034, 14356), (1054, 14386), (1104, 14437), (1136, 14485), (1196, 14560), (1203, 14572), (1237, 14608), (1365, 14746), (1387, 14776),

Gene: Mercurio_3 Start: 1016, Stop: 2605, Start Num: 161
Candidate Starts for Mercurio_3:
(Start: 136 @986 has 1 MA's), (Start: 161 @1016 has 29 MA's), (310, 1187), (399, 1319), (487, 1457), (490, 1466), (520, 1520), (568, 1571), (594, 1628), (607, 1664), (618, 1685), (675, 1754), (679, 1763), (820, 1916), (882, 1994), (905, 2021), (923, 2039), (962, 2090), (1074, 2189), (1080, 2198), (1109, 2234), (1112, 2240), (1142, 2270), (1150, 2282), (1157, 2297), (1160, 2303), (1172, 2309), (1184, 2324), (1187, 2327), (1205, 2348), (1263, 2411), (1280, 2426), (1425, 2594), (1431, 2600),

Gene: MetalQZJ_11 Start: 7169, Stop: 8857, Start Num: 102
Candidate Starts for MetalQZJ_11:
(Start: 102 @7169 has 400 MA's), (Start: 309 @7349 has 15 MA's), (381, 7433), (408, 7469), (513, 7619), (581, 7727), (620, 7817), (631, 7841), (647, 7868), (679, 7916), (728, 7985), (767, 8060), (774, 8072), (809, 8132), (1001, 8357), (1009, 8366), (1021, 8378), (1080, 8420), (1100, 8441), (1117, 8468), (1193, 8576), (1279, 8666), (1365, 8771),

Gene: Methuselah_13 Start: 7040, Stop: 8740, Start Num: 105
Candidate Starts for Methuselah_13:
(Start: 105 @7040 has 85 MA's), (Start: 145 @7088 has 1 MA's), (302, 7223), (467, 7415), (513, 7502), (620, 7700), (675, 7790), (718, 7853), (809, 8015), (983, 8213), (999, 8237), (1001, 8240), (1080, 8303), (1100, 8324), (1129, 8363), (1193, 8459), (1241, 8513), (1279, 8549), (1405, 8696), (1435,

8726), (1438, 8729),

Gene: MiaZeal_10 Start: 3527, Stop: 5059, Start Num: 233
Candidate Starts for MiaZeal_10:
(159, 3443), (Start: 198 @3485 has 4 MA's), (Start: 205 @3494 has 1 MA's), (Start: 233 @3527 has 12 MA's), (331, 3641), (380, 3704), (Start: 403 @3737 has 1 MA's), (405, 3740), (426, 3785), (484, 3860), (487, 3869), (566, 3971), (568, 3974), (583, 4010), (599, 4043), (766, 4292), (808, 4355), (822, 4382), (960, 4541), (975, 4577), (1005, 4607), (1015, 4616), (1082, 4670), (1112, 4694), (1349, 4928), (1358, 4940),

Gene: Miaurora_3 Start: 1179, Stop: 2639, Start Num: 250
Candidate Starts for Miaurora_3:
(Start: 250 @1179 has 144 MA's), (Start: 254 @1185 has 2 MA's), (358, 1347), (363, 1356), (399, 1416), (444, 1485), (465, 1506), (488, 1557), (619, 1761), (755, 1896), (806, 1974), (817, 1989), (829, 2007), (842, 2025), (880, 2067), (911, 2100), (926, 2118), (1015, 2238), (1020, 2241), (1039, 2253), (1047, 2265), (1060, 2277), (1113, 2328), (1160, 2385), (1172, 2391), (1178, 2400), (1187, 2409), (1190, 2412), (1330, 2574), (1337, 2583), (1344, 2592), (1372, 2631),

Gene: Micasa_9 Start: 6157, Stop: 7908, Start Num: 67
Candidate Starts for Micasa_9:
(Start: 54 @6130 has 19 MA's), (Start: 67 @6157 has 32 MA's), (Start: 115 @6226 has 1 MA's), (Start: 237 @6340 has 1 MA's), (241, 6346), (362, 6478), (424, 6553), (425, 6556), (467, 6589), (487, 6622), (551, 6730), (567, 6754), (581, 6787), (620, 6862), (641, 6907), (690, 6985), (693, 6991), (728, 7036), (793, 7156), (812, 7189), (825, 7210), (983, 7384), (999, 7408), (1001, 7411), (1080, 7471), (1088, 7483), (1113, 7510), (1129, 7531), (1182, 7615), (1193, 7627), (1405, 7864), (1438, 7897), (1443, 7903),

Gene: MichaelScott_3 Start: 820, Stop: 2379, Start Num: 151
Candidate Starts for MichaelScott_3:
(Start: 151 @820 has 55 MA's), (259, 928), (Start: 318 @1006 has 1 MA's), (342, 1039), (419, 1120), (421, 1123), (425, 1132), (465, 1168), (491, 1228), (566, 1318), (568, 1321), (607, 1414), (611, 1423), (620, 1438), (680, 1522), (723, 1573), (778, 1639), (808, 1681), (875, 1750), (880, 1756), (919, 1795), (946, 1816), (959, 1840), (962, 1846), (971, 1867), (1009, 1912), (1054, 1948), (1057, 1951), (1109, 1993), (1216, 2122), (1280, 2173), (1390, 2302), (1461, 2362),

Gene: Michelle_8 Start: 3600, Stop: 5366, Start Num: 295
Candidate Starts for Michelle_8:
(Start: 295 @3600 has 6 MA's), (Start: 307 @3618 has 198 MA's), (363, 3711), (367, 3717), (401, 3774), (433, 3837), (516, 4014), (556, 4092), (572, 4113), (611, 4215), (644, 4284), (651, 4299), (680, 4341), (750, 4470), (791, 4545), (805, 4569), (872, 4674), (892, 4698), (956, 4782), (1053, 4896), (1071, 4914), (1120, 4983), (1123, 4986), (1156, 5037), (1190, 5079), (1249, 5166), (1274, 5193), (1290, 5214), (1299, 5226), (1315, 5244), (1372, 5319),

Gene: MichelleMyBell_2 Start: 512, Stop: 2044, Start Num: 230
Candidate Starts for MichelleMyBell_2:
(17, 107), (19, 116), (24, 170), (Start: 227 @509 has 25 MA's), (Start: 230 @512 has 31 MA's), (Start: 249 @527 has 1 MA's), (292, 584), (Start: 307 @602 has 198 MA's), (316, 614), (390, 686), (422, 743), (425, 749), (474, 806), (507, 878), (539, 926), (593, 1025), (613, 1076), (659, 1148), (677, 1163), (687, 1181), (747, 1289), (766, 1313), (808, 1376), (878, 1460), (940, 1517), (950, 1532), (975, 1589), (987, 1607), (1012, 1634), (1080, 1703), (1136, 1760), (1152, 1769), (1187, 1790), (1213, 1823), (1226, 1838), (1260, 1859), (1278, 1874), (1349, 1955), (1353, 1961),

Gene: Michkear_5 Start: 2399, Stop: 4102, Start Num: 124

Candidate Starts for Michkear_5:
(Start: 124 @2399 has 46 MA's), (Start: 143 @2420 has 16 MA's), (214, 2465), (Start: 232 @2486 has 1 MA's), (320, 2579), (477, 2759), (486, 2771), (513, 2828), (546, 2876), (595, 2969), (645, 3068), (881, 3395), (953, 3467), (1193, 3770), (1209, 3785), (1381, 4025), (1445, 4091),

Gene: Michley_11 Start: 6917, Stop: 8605, Start Num: 102
Candidate Starts for Michley_11:
(Start: 102 @6917 has 400 MA's), (381, 7181), (402, 7205), (513, 7367), (523, 7382), (535, 7400), (620, 7565), (631, 7589), (647, 7616), (679, 7664), (809, 7880), (1009, 8114), (1021, 8126), (1080, 8168), (1100, 8189), (1117, 8216), (1193, 8324), (1279, 8414), (1365, 8519),

Gene: Microwolf_13 Start: 6958, Stop: 8658, Start Num: 105
Candidate Starts for Microwolf_13:
(Start: 105 @6958 has 85 MA's), (Start: 145 @7006 has 1 MA's), (302, 7141), (467, 7333), (513, 7420), (620, 7618), (675, 7708), (718, 7771), (809, 7933), (983, 8131), (999, 8155), (1001, 8158), (1080, 8221), (1100, 8242), (1129, 8281), (1193, 8377), (1241, 8431), (1279, 8467), (1405, 8614), (1435, 8644), (1438, 8647),

Gene: MiculUcigas_12 Start: 7484, Stop: 9271, Start Num: 103
Candidate Starts for MiculUcigas_12:
(50, 7400), (Start: 103 @7484 has 236 MA's), (Start: 217 @7592 has 1 MA's), (234, 7613), (298, 7721), (512, 8003), (513, 8006), (581, 8114), (620, 8204), (631, 8228), (722, 8360), (983, 8747), (1113, 8873), (1129, 8894), (1182, 8978), (1193, 8990), (1405, 9227), (1433, 9254), (1435, 9257), (1438, 9260), (1440, 9263),

Gene: Midas2_9 Start: 6156, Stop: 7907, Start Num: 67
Candidate Starts for Midas2_9:
(Start: 54 @6129 has 19 MA's), (Start: 67 @6156 has 32 MA's), (Start: 115 @6225 has 1 MA's), (Start: 237 @6339 has 1 MA's), (241, 6345), (362, 6477), (424, 6552), (425, 6555), (467, 6588), (487, 6621), (551, 6729), (567, 6753), (581, 6786), (620, 6861), (641, 6906), (690, 6984), (693, 6990), (793, 7155), (812, 7188), (825, 7209), (983, 7383), (999, 7407), (1001, 7410), (1080, 7470), (1088, 7482), (1113, 7509), (1129, 7530), (1182, 7614), (1193, 7626), (1405, 7863), (1438, 7896), (1443, 7902),

Gene: Miek_7 Start: 3414, Stop: 5153, Start Num: 307
Candidate Starts for Miek_7:
(Start: 305 @3411 has 33 MA's), (Start: 307 @3414 has 198 MA's), (310, 3420), (342, 3468), (345, 3471), (363, 3507), (367, 3513), (440, 3651), (460, 3687), (467, 3699), (556, 3882), (572, 3903), (608, 3996), (611, 4005), (637, 4056), (644, 4074), (805, 4359), (892, 4488), (950, 4557), (1022, 4647), (1050, 4674), (1071, 4701), (1120, 4770), (1123, 4773), (1152, 4815), (1156, 4824), (1249, 4953), (1274, 4980), (1290, 5001), (1299, 5013), (1315, 5031), (1370, 5103), (1372, 5106), (1381, 5118),

Gene: Miko_15 Start: 9110, Stop: 10891, Start Num: 103
Candidate Starts for Miko_15:
(41, 8990), (82, 9083), (Start: 103 @9110 has 236 MA's), (241, 9242), (282, 9317), (298, 9341), (Start: 330 @9392 has 14 MA's), (512, 9623), (513, 9626), (538, 9665), (581, 9734), (620, 9824), (631, 9848), (693, 9947), (718, 9977), (722, 9980), (780, 10091), (1064, 10439), (1080, 10454), (1088, 10466), (1113, 10493), (1129, 10514), (1193, 10610), (1405, 10847), (1433, 10874), (1435, 10877),

Gene: MilanaBonita_3 Start: 1235, Stop: 2872, Start Num: 155
Candidate Starts for MilanaBonita_3:
(Start: 155 @1235 has 202 MA's), (168, 1250), (Start: 176 @1259 has 3 MA's), (182, 1265), (Start: 217 @1292 has 1 MA's), (Start: 247 @1316 has 171 MA's), (Start: 250 @1319 has 144 MA's), (Start: 318 @1382 has 1 MA's), (Start: 330 @1400 has 14 MA's), (353, 1421), (412, 1508), (414, 1514), (454,

1568), (473, 1580), (487, 1601), (488, 1604), (496, 1625), (508, 1646), (516, 1661), (548, 1718), (575, 1757), (602, 1826), (604, 1832), (621, 1862), (622, 1865), (627, 1874), (635, 1889), (647, 1907), (680, 1958), (740, 2060), (862, 2231), (874, 2243), (920, 2261), (983, 2327), (1005, 2357), (1007, 2360), (1010, 2363), (1080, 2420), (1097, 2435), (1101, 2441), (1104, 2444), (1113, 2459), (1117, 2468), (1164, 2537), (1190, 2567), (1196, 2576), (1225, 2609), (1250, 2642), (1265, 2669), (1297, 2702), (1320, 2729), (1325, 2732), (1349, 2753), (1365, 2777), (1372, 2786), (1374, 2789), (1429, 2846),

Gene: Milcery_9 Start: 6166, Stop: 7944, Start Num: 54
Candidate Starts for Milcery_9:
(Start: 54 @6166 has 19 MA's), (Start: 67 @6193 has 32 MA's), (Start: 115 @6262 has 1 MA's), (Start: 237 @6376 has 1 MA's), (241, 6382), (362, 6514), (424, 6589), (425, 6592), (467, 6625), (487, 6658), (551, 6766), (567, 6790), (581, 6823), (620, 6898), (641, 6943), (690, 7021), (693, 7027), (728, 7072), (793, 7192), (812, 7225), (825, 7246), (983, 7420), (999, 7444), (1001, 7447), (1080, 7507), (1088, 7519), (1113, 7546), (1129, 7567), (1182, 7651), (1193, 7663), (1405, 7900), (1438, 7933), (1443, 7939),

Gene: Miley16_4 Start: 1069, Stop: 2637, Start Num: 138
Candidate Starts for Miley16_4:
(Start: 138 @1069 has 120 MA's), (Start: 142 @1075 has 6 MA's), (Start: 284 @1231 has 1 MA's), (512, 1528), (515, 1534), (556, 1594), (591, 1666), (594, 1672), (602, 1693), (675, 1792), (710, 1840), (762, 1894), (776, 1918), (807, 1963), (809, 1969), (827, 1999), (832, 2005), (855, 2032), (863, 2041), (942, 2098), (946, 2104), (959, 2125), (962, 2131), (1020, 2206), (1023, 2209), (1060, 2245), (1116, 2290), (1172, 2356), (1234, 2431), (1266, 2449), (1278, 2458), (1420, 2605), (1448, 2629), (1450, 2632),

Gene: MilleFeuille_10 Start: 6485, Stop: 8173, Start Num: 102
Candidate Starts for MilleFeuille_10:
(Start: 102 @6485 has 400 MA's), (381, 6749), (402, 6773), (513, 6935), (535, 6968), (581, 7043), (620, 7133), (631, 7157), (647, 7184), (679, 7232), (728, 7301), (774, 7388), (778, 7397), (808, 7445), (809, 7448), (1009, 7682), (1021, 7694), (1080, 7736), (1100, 7757), (1117, 7784), (1193, 7892), (1279, 7982), (1365, 8087),

Gene: MilleniumForce_3 Start: 1235, Stop: 2872, Start Num: 155
Candidate Starts for MilleniumForce_3:
(Start: 155 @1235 has 202 MA's), (168, 1250), (Start: 176 @1259 has 3 MA's), (182, 1265), (Start: 217 @1292 has 1 MA's), (Start: 247 @1316 has 171 MA's), (Start: 250 @1319 has 144 MA's), (Start: 318 @1382 has 1 MA's), (Start: 330 @1400 has 14 MA's), (353, 1421), (412, 1508), (414, 1514), (454, 1568), (473, 1580), (484, 1592), (487, 1601), (488, 1604), (496, 1625), (508, 1646), (516, 1661), (548, 1718), (575, 1757), (602, 1826), (604, 1832), (621, 1862), (622, 1865), (627, 1874), (635, 1889), (647, 1907), (680, 1958), (740, 2060), (862, 2231), (874, 2243), (920, 2261), (983, 2327), (1005, 2357), (1007, 2360), (1010, 2363), (1080, 2420), (1097, 2435), (1101, 2441), (1104, 2444), (1113, 2459), (1117, 2468), (1164, 2537), (1190, 2567), (1196, 2576), (1225, 2609), (1250, 2642), (1265, 2669), (1297, 2702), (1320, 2729), (1325, 2732), (1349, 2753), (1365, 2777), (1372, 2786), (1374, 2789), (1429, 2846),

Gene: Millski_11 Start: 6887, Stop: 8584, Start Num: 105
Candidate Starts for Millski_11:
(Start: 105 @6887 has 85 MA's), (Start: 124 @6911 has 46 MA's), (Start: 251 @7034 has 3 MA's), (350, 7124), (381, 7157), (467, 7256), (512, 7340), (513, 7343), (538, 7382), (581, 7451), (593, 7475), (620, 7541), (675, 7631), (774, 7796), (825, 7883), (848, 7916), (923, 7982), (981, 8054), (983, 8057), (999, 8081), (1064, 8132), (1080, 8147), (1113, 8186), (1129, 8207), (1193, 8303), (1405, 8540), (1435, 8570), (1438, 8573),

Gene: Milly_4 Start: 652, Stop: 2076, Start Num: 247
Candidate Starts for Milly_4:
(156, 574), (Start: 165 @586 has 76 MA's), (Start: 176 @595 has 3 MA's), (Start: 247 @652 has 171 MA's), (310, 712), (Start: 322 @733 has 1 MA's), (Start: 336 @754 has 12 MA's), (391, 838), (402, 847), (425, 895), (463, 931), (487, 982), (514, 1024), (517, 1030), (532, 1057), (593, 1138), (607, 1177), (611, 1186), (613, 1189), (675, 1267), (679, 1276), (792, 1381), (820, 1429), (827, 1441), (851, 1471), (870, 1495), (956, 1576), (962, 1588), (992, 1630), (1042, 1660), (1071, 1687), (1111, 1729), (1129, 1744), (1160, 1795), (1187, 1819), (1235, 1867), (1348, 1990), (1425, 2065),

Gene: MillySue_6 Start: 1935, Stop: 3632, Start Num: 209
Candidate Starts for MillySue_6:
(178, 1902), (Start: 209 @1935 has 22 MA's), (Start: 295 @2055 has 6 MA's), (Start: 309 @2076 has 15 MA's), (Start: 317 @2091 has 15 MA's), (339, 2124), (Start: 397 @2166 has 4 MA's), (399, 2169), (422, 2214), (431, 2232), (434, 2235), (488, 2310), (518, 2358), (520, 2361), (569, 2415), (620, 2529), (648, 2586), (650, 2589), (665, 2610), (708, 2685), (852, 2907), (865, 2922), (921, 2988), (926, 2994), (928, 2997), (930, 3000), (960, 3060), (964, 3069), (973, 3093), (997, 3132), (1020, 3150), (1061, 3192), (1100, 3225), (1126, 3264), (1177, 3306), (1212, 3348), (1305, 3423), (1307, 3426), (1313, 3432), (1353, 3483), (1364, 3495), (1397, 3537), (1464, 3621),

Gene: Milomuff_4 Start: 1046, Stop: 2674, Start Num: 225
Candidate Starts for Milomuff_4:
(126, 932), (169, 986), (Start: 225 @1046 has 84 MA's), (339, 1202), (431, 1310), (490, 1394), (503, 1418), (518, 1436), (569, 1493), (594, 1544), (595, 1547), (620, 1607), (628, 1625), (643, 1655), (662, 1685), (1003, 2141), (1020, 2156), (1328, 2507), (1369, 2555), (1464, 2663),

Gene: Min1_37 Start: 17540, Stop: 19132, Start Num: 230
Candidate Starts for Min1_37:
(Start: 230 @17540 has 31 MA's), (242, 17555), (Start: 295 @17624 has 6 MA's), (339, 17693), (399, 17738), (402, 17741), (444, 17807), (481, 17888), (487, 17906), (518, 17960), (622, 18161), (650, 18215), (757, 18311), (805, 18368), (818, 18386), (865, 18434), (964, 18566), (987, 18605), (1015, 18638), (1046, 18668), (1118, 18746), (1149, 18785), (1290, 18914), (1361, 19001),

Gene: MinecraftSteve_15 Start: 6808, Stop: 8505, Start Num: 103
Candidate Starts for MinecraftSteve_15:
(Start: 103 @6808 has 236 MA's), (120, 6826), (302, 6988), (424, 7144), (487, 7213), (513, 7267), (581, 7375), (594, 7402), (620, 7465), (631, 7489), (999, 8005), (1080, 8068), (1115, 8110), (1193, 8224), (1292, 8329), (1405, 8461), (1433, 8488), (1435, 8491), (1438, 8494),

Gene: MiniBagel_7 Start: 4800, Stop: 6539, Start Num: 307
Candidate Starts for MiniBagel_7:
(Start: 307 @4800 has 198 MA's), (367, 4899), (433, 5019), (485, 5118), (502, 5160), (516, 5190), (532, 5220), (556, 5268), (572, 5289), (611, 5391), (644, 5460), (656, 5484), (666, 5496), (709, 5574), (750, 5646), (791, 5721), (805, 5745), (872, 5850), (892, 5874), (956, 5955), (981, 6003), (1053, 6069), (1071, 6087), (1076, 6093), (1120, 6156), (1123, 6159), (1273, 6363), (1290, 6387), (1299, 6399), (1370, 6489), (1372, 6492),

Gene: MiniLon_5 Start: 1196, Stop: 2761, Start Num: 138
Candidate Starts for MiniLon_5:
(Start: 138 @1196 has 120 MA's), (Start: 142 @1202 has 6 MA's), (293, 1373), (396, 1478), (405, 1490), (506, 1646), (512, 1655), (513, 1658), (515, 1661), (566, 1736), (591, 1790), (593, 1793), (594, 1796), (725, 1985), (766, 2027), (813, 2102), (827, 2123), (832, 2129), (900, 2198), (954, 2240), (959, 2249), (962, 2255), (1060, 2369), (1113, 2408), (1116, 2414), (1172, 2480), (1216, 2534), (1263, 2570), (1278, 2582), (1329, 2621), (1400, 2708), (1448, 2753), (1450, 2756),

Gene: MiniMac_5 Start: 1196, Stop: 2761, Start Num: 138
Candidate Starts for MiniMac_5:
(Start: 138 @1196 has 120 MA's), (Start: 142 @1202 has 6 MA's), (293, 1373), (396, 1478), (405, 1490), (506, 1646), (512, 1655), (513, 1658), (515, 1661), (566, 1736), (591, 1790), (593, 1793), (594, 1796), (766, 2027), (813, 2102), (827, 2123), (832, 2129), (900, 2198), (942, 2222), (954, 2240), (959, 2249), (962, 2255), (1060, 2369), (1113, 2408), (1116, 2414), (1172, 2480), (1216, 2534), (1263, 2570), (1278, 2582), (1329, 2621), (1400, 2708), (1448, 2753), (1450, 2756),

Gene: MiniMommy_2 Start: 550, Stop: 2277, Start Num: 95
Candidate Starts for MiniMommy_2:
(60, 490), (Start: 95 @550 has 98 MA's), (Start: 232 @661 has 1 MA's), (477, 934), (504, 985), (513, 1003), (523, 1021), (546, 1051), (595, 1144), (1001, 1720), (1146, 1873), (1193, 1948), (1209, 1963), (1292, 2092), (1381, 2200), (1442, 2263),

Gene: Minima_3 Start: 1074, Stop: 2534, Start Num: 250
Candidate Starts for Minima_3:
(Start: 250 @1074 has 144 MA's), (Start: 254 @1080 has 2 MA's), (358, 1242), (363, 1251), (399, 1311), (444, 1380), (465, 1401), (488, 1452), (619, 1656), (806, 1869), (817, 1884), (842, 1920), (880, 1962), (911, 1995), (926, 2013), (1015, 2133), (1020, 2136), (1039, 2148), (1113, 2223), (1172, 2286), (1187, 2304), (1190, 2307), (1330, 2469), (1337, 2478), (1344, 2487), (1372, 2526),

Gene: MinionDave_3 Start: 1235, Stop: 2872, Start Num: 155
Candidate Starts for MinionDave_3:
(Start: 155 @1235 has 202 MA's), (168, 1250), (Start: 176 @1259 has 3 MA's), (182, 1265), (Start: 217 @1292 has 1 MA's), (Start: 247 @1316 has 171 MA's), (Start: 250 @1319 has 144 MA's), (Start: 318 @1382 has 1 MA's), (Start: 330 @1400 has 14 MA's), (353, 1421), (412, 1508), (414, 1514), (454, 1568), (473, 1580), (484, 1592), (487, 1601), (488, 1604), (496, 1625), (508, 1646), (516, 1661), (548, 1718), (575, 1757), (602, 1826), (604, 1832), (621, 1862), (622, 1865), (627, 1874), (635, 1889), (647, 1907), (680, 1958), (740, 2060), (862, 2231), (874, 2243), (920, 2261), (983, 2327), (1005, 2357), (1007, 2360), (1010, 2363), (1080, 2420), (1097, 2435), (1101, 2441), (1104, 2444), (1113, 2459), (1117, 2468), (1164, 2537), (1190, 2567), (1196, 2576), (1225, 2609), (1250, 2642), (1265, 2669), (1297, 2702), (1320, 2729), (1325, 2732), (1349, 2753), (1365, 2777), (1372, 2786), (1374, 2789), (1429, 2846),

Gene: Minispark_10 Start: 6185, Stop: 7972, Start Num: 103
Candidate Starts for Minispark_10:
(Start: 103 @6185 has 236 MA's), (241, 6314), (298, 6413), (424, 6575), (448, 6608), (487, 6647), (513, 6701), (538, 6740), (581, 6812), (620, 6902), (631, 6926), (704, 7043), (722, 7058), (778, 7166), (823, 7241), (901, 7340), (928, 7373), (992, 7457), (1006, 7478), (1064, 7520), (1080, 7535), (1088, 7547), (1113, 7574), (1129, 7595), (1163, 7649), (1193, 7691), (1279, 7781), (1295, 7799), (1340, 7850), (1405, 7928), (1433, 7955), (1435, 7958),

Gene: Minnie_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Minnie_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320,

2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: MintFen_2 Start: 360, Stop: 1928, Start Num: 173
Candidate Starts for MintFen_2:
(65, 255), (Start: 173 @360 has 36 MA's), (259, 444), (289, 477), (Start: 318 @519 has 1 MA's), (Start: 333 @537 has 4 MA's), (342, 552), (384, 573), (399, 594), (419, 633), (465, 693), (483, 729), (487, 741), (515, 786), (520, 795), (539, 822), (593, 900), (648, 1005), (661, 1020), (675, 1035), (745, 1113), (778, 1164), (919, 1320), (956, 1359), (973, 1398), (1015, 1443), (1071, 1488), (1074, 1491), (1078, 1497), (1107, 1518), (1112, 1527), (1113, 1530), (1146, 1560), (1157, 1584), (1174, 1599), (1278, 1701), (1317, 1743), (1326, 1758), (1346, 1779), (1358, 1794), (1449, 1890), (1459, 1902), (1463, 1911), (1464, 1917),

Gene: Miramae_11 Start: 6847, Stop: 8535, Start Num: 102
Candidate Starts for Miramae_11:
(Start: 102 @6847 has 400 MA's), (381, 7108), (512, 7291), (513, 7294), (538, 7333), (581, 7402), (593, 7426), (604, 7456), (620, 7492), (675, 7582), (774, 7747), (803, 7792), (825, 7834), (848, 7867), (923, 7933), (983, 8008), (999, 8032), (1080, 8098), (1113, 8137), (1129, 8158), (1193, 8254), (1405, 8491), (1435, 8521), (1438, 8524),

Gene: Mireles_4 Start: 1134, Stop: 2663, Start Num: 211
Candidate Starts for Mireles_4:
(Start: 211 @1134 has 13 MA's), (259, 1179), (431, 1392), (507, 1509), (611, 1719), (618, 1731), (625, 1746), (650, 1788), (661, 1806), (750, 1944), (808, 2031), (883, 2118), (923, 2157), (954, 2190), (1146, 2388), (1150, 2397), (1371, 2607),

Gene: MirimarMandM_3 Start: 1104, Stop: 2564, Start Num: 250
Candidate Starts for MirimarMandM_3:
(Start: 250 @1104 has 144 MA's), (Start: 254 @1110 has 2 MA's), (358, 1272), (363, 1281), (399, 1341), (444, 1410), (465, 1431), (483, 1467), (488, 1482), (619, 1686), (755, 1821), (806, 1899), (817, 1914), (829, 1932), (842, 1950), (880, 1992), (911, 2025), (926, 2043), (1015, 2163), (1020, 2166), (1039, 2178), (1047, 2190), (1113, 2253), (1160, 2310), (1172, 2316), (1178, 2325), (1187, 2334), (1190, 2337), (1330, 2499), (1337, 2508), (1344, 2517), (1372, 2556),

Gene: Miryou_6 Start: 1325, Stop: 2752, Start Num: 262
Candidate Starts for Miryou_6:
(Start: 262 @1325 has 67 MA's), (310, 1382), (Start: 322 @1403 has 1 MA's), (Start: 336 @1427 has 12 MA's), (391, 1511), (402, 1520), (405, 1526), (425, 1568), (444, 1586), (463, 1604), (487, 1655), (492, 1670), (532, 1730), (591, 1808), (607, 1850), (611, 1859), (613, 1862), (675, 1940), (792, 2054), (820, 2102), (851, 2144), (870, 2168), (880, 2180), (903, 2207), (956, 2252), (962, 2264), (1107, 2411), (1142, 2450), (1187, 2507), (1208, 2531), (1235, 2555), (1263, 2579), (1348, 2678), (1353, 2684), (1425, 2741),

Gene: Misaeng_5 Start: 3319, Stop: 4710, Start Num: 309
Candidate Starts for Misaeng_5:
(Start: 165 @3145 has 76 MA's), (Start: 309 @3319 has 15 MA's), (Start: 333 @3355 has 4 MA's), (Start: 397 @3409 has 4 MA's), (Start: 403 @3418 has 1 MA's), (419, 3451), (426, 3466), (431, 3475), (518, 3601), (584, 3715), (593, 3730), (595, 3736), (620, 3796), (650, 3856), (748, 3922), (770, 3955), (790, 3985), (803, 4000), (818, 4033), (827, 4048), (941, 4168), (951, 4183), (1009, 4276), (1046, 4312), (1117, 4387), (1133, 4408), (1176, 4429), (1232, 4498), (1328, 4576), (1361, 4615), (1393, 4645), (1404, 4657), (1451, 4696), (1458, 4705),

Gene: Miskis_28 Start: 8458, Stop: 10206, Start Num: 148
Candidate Starts for Miskis_28:

(Start: 148 @8458 has 26 MA's), (Start: 176 @8488 has 3 MA's), (323, 8614), (325, 8617), (457, 8803), (473, 8842), (488, 8866), (512, 8914), (529, 8941), (543, 8971), (645, 9163), (654, 9181), (756, 9343), (787, 9391), (797, 9406), (963, 9589), (966, 9595), (1026, 9679), (1086, 9766), (1115, 9799), (1198, 9913), (1229, 9949), (1250, 9973), (1258, 9988), (1412, 10162), (1418, 10168),

Gene: Misomonster_15 Start: 7040, Stop: 8740, Start Num: 105
Candidate Starts for Misomonster_15:
(Start: 105 @7040 has 85 MA's), (Start: 145 @7088 has 1 MA's), (302, 7223), (467, 7415), (513, 7502), (620, 7700), (675, 7790), (718, 7853), (809, 8015), (983, 8213), (999, 8237), (1001, 8240), (1080, 8303), (1100, 8324), (1129, 8363), (1193, 8459), (1241, 8513), (1279, 8549), (1405, 8696), (1435, 8726), (1438, 8729),

Gene: MissDaisy_9 Start: 2526, Stop: 3866, Start Num: 336
Candidate Starts for MissDaisy_9:
(Start: 247 @2421 has 171 MA's), (Start: 336 @2526 has 12 MA's), (391, 2610), (402, 2619), (419, 2655), (425, 2667), (463, 2709), (487, 2760), (493, 2778), (517, 2808), (591, 2913), (607, 2955), (611, 2964), (613, 2967), (675, 3045), (679, 3054), (792, 3159), (816, 3201), (820, 3207), (851, 3249), (962, 3366), (992, 3408), (1042, 3453), (1111, 3522), (1150, 3567), (1160, 3588), (1187, 3612), (1277, 3696), (1353, 3789), (1425, 3855), (1431, 3861),

Gene: MissRona_2 Start: 361, Stop: 1959, Start Num: 173
Candidate Starts for MissRona_2:
(Start: 119 @334 has 2 MA's), (Start: 173 @361 has 36 MA's), (289, 475), (293, 484), (Start: 318 @517 has 1 MA's), (Start: 333 @535 has 4 MA's), (342, 550), (384, 571), (399, 592), (426, 646), (431, 655), (465, 691), (483, 727), (487, 739), (513, 781), (515, 784), (648, 1003), (661, 1018), (675, 1033), (677, 1036), (745, 1111), (778, 1162), (919, 1318), (946, 1339), (949, 1342), (1002, 1429), (1015, 1441), (1057, 1474), (1060, 1477), (1107, 1516), (1111, 1522), (1112, 1525), (1172, 1594), (1174, 1597), (1224, 1657), (1226, 1660), (1234, 1669), (1317, 1738), (1326, 1753), (1466, 1942),

Gene: MissSwiss_2 Start: 551, Stop: 2257, Start Num: 128
Candidate Starts for MissSwiss_2:
(Start: 128 @551 has 7 MA's), (214, 617), (486, 923), (513, 980), (546, 1028), (595, 1118), (604, 1142), (623, 1172), (693, 1292), (851, 1505), (881, 1544), (1165, 1886), (1193, 1922), (1209, 1937), (1226, 1955), (1292, 2072), (1372, 2168), (1381, 2180),

Gene: MissWhite_12 Start: 6502, Stop: 8256, Start Num: 103
Candidate Starts for MissWhite_12:
(Start: 103 @6502 has 236 MA's), (Start: 251 @6646 has 3 MA's), (298, 6733), (362, 6820), (512, 7015), (513, 7018), (538, 7057), (581, 7126), (620, 7216), (631, 7240), (693, 7339), (696, 7342), (718, 7369), (722, 7372), (920, 7657), (983, 7732), (992, 7744), (999, 7756), (1064, 7804), (1080, 7819), (1129, 7879), (1182, 7963), (1193, 7975), (1405, 8212), (1433, 8239), (1435, 8242), (1438, 8245),

Gene: MisterCuddles_2 Start: 573, Stop: 2210, Start Num: 155
Candidate Starts for MisterCuddles_2:
(Start: 155 @573 has 202 MA's), (163, 582), (Start: 176 @597 has 3 MA's), (Start: 204 @618 has 1 MA's), (Start: 247 @654 has 171 MA's), (Start: 250 @657 has 144 MA's), (261, 675), (Start: 318 @720 has 1 MA's), (353, 759), (412, 846), (454, 906), (484, 930), (487, 939), (488, 942), (496, 963), (508, 984), (516, 999), (548, 1056), (575, 1095), (602, 1164), (604, 1170), (621, 1200), (622, 1203), (627, 1212), (635, 1227), (647, 1245), (680, 1296), (736, 1389), (740, 1398), (862, 1569), (874, 1581), (983, 1665), (1005, 1695), (1007, 1698), (1010, 1701), (1080, 1758), (1097, 1773), (1101, 1779), (1104, 1782), (1113, 1797), (1117, 1806), (1164, 1875), (1190, 1905), (1196, 1914), (1225, 1947), (1250, 1980), (1265, 2007), (1297, 2040), (1325, 2070), (1349, 2091), (1365, 2115), (1372, 2124), (1374, 2127), (1429, 2184),

Gene: Mitti_9 Start: 2478, Stop: 3923, Start Num: 247
Candidate Starts for Mitti_9:
(Start: 247 @2478 has 171 MA's), (Start: 336 @2583 has 12 MA's), (391, 2667), (402, 2676), (419, 2712), (425, 2724), (434, 2739), (463, 2766), (487, 2817), (493, 2835), (517, 2865), (532, 2892), (591, 2970), (611, 3021), (613, 3024), (675, 3102), (679, 3111), (742, 3150), (792, 3216), (820, 3264), (851, 3306), (962, 3423), (992, 3465), (1042, 3510), (1111, 3579), (1150, 3624), (1160, 3645), (1187, 3669), (1353, 3846), (1425, 3912), (1431, 3918),

Gene: MkaliMitinis3_4 Start: 1069, Stop: 2637, Start Num: 138
Candidate Starts for MkaliMitinis3_4:
(Start: 138 @1069 has 120 MA's), (Start: 142 @1075 has 6 MA's), (Start: 284 @1231 has 1 MA's), (512, 1528), (515, 1534), (556, 1594), (591, 1666), (594, 1672), (675, 1792), (710, 1840), (762, 1894), (776, 1918), (807, 1963), (809, 1969), (827, 1999), (832, 2005), (855, 2032), (863, 2041), (942, 2098), (946, 2104), (959, 2125), (962, 2131), (1020, 2206), (1023, 2209), (1060, 2245), (1116, 2290), (1172, 2356), (1234, 2431), (1266, 2449), (1278, 2458), (1420, 2605), (1448, 2629), (1450, 2632),

Gene: Mkhuseli_12 Start: 7342, Stop: 8766, Start Num: 381
Candidate Starts for Mkhuseli_12:
(Start: 110 @7078 has 24 MA's), (Start: 309 @7258 has 15 MA's), (381, 7342), (Start: 403 @7369 has 1 MA's), (408, 7378), (513, 7528), (535, 7561), (581, 7636), (620, 7726), (631, 7750), (647, 7777), (679, 7825), (774, 7981), (809, 8041), (1001, 8266), (1009, 8275), (1021, 8287), (1080, 8329), (1100, 8350), (1117, 8377), (1193, 8485), (1279, 8575), (1365, 8680),

Gene: Mocha12_2 Start: 318, Stop: 1889, Start Num: 151
Candidate Starts for Mocha12_2:
(Start: 151 @318 has 55 MA's), (259, 426), (Start: 297 @474 has 6 MA's), (Start: 318 @504 has 1 MA's), (342, 537), (421, 621), (425, 630), (465, 666), (491, 726), (566, 816), (607, 912), (620, 936), (648, 978), (689, 1032), (723, 1071), (778, 1137), (789, 1149), (808, 1179), (840, 1212), (919, 1293), (959, 1338), (962, 1344), (971, 1365), (1054, 1455), (1109, 1500), (1112, 1506), (1142, 1536), (1146, 1539), (1187, 1593), (1216, 1629), (1280, 1680), (1331, 1740), (1334, 1743), (1371, 1785), (1461, 1872),

Gene: Modragons_2 Start: 578, Stop: 2218, Start Num: 146
Candidate Starts for Modragons_2:
(Start: 146 @578 has 2 MA's), (Start: 155 @581 has 202 MA's), (Start: 176 @605 has 3 MA's), (Start: 217 @638 has 1 MA's), (Start: 247 @662 has 171 MA's), (Start: 250 @665 has 144 MA's), (Start: 318 @728 has 1 MA's), (353, 767), (412, 854), (414, 860), (454, 914), (484, 938), (487, 947), (488, 950), (496, 971), (508, 992), (548, 1064), (575, 1103), (602, 1172), (604, 1178), (621, 1208), (622, 1211), (627, 1220), (635, 1235), (647, 1253), (680, 1304), (736, 1397), (740, 1406), (862, 1577), (874, 1589), (983, 1673), (1005, 1703), (1007, 1706), (1010, 1709), (1080, 1766), (1097, 1781), (1101, 1787), (1104, 1790), (1113, 1805), (1117, 1814), (1164, 1883), (1190, 1913), (1196, 1922), (1225, 1955), (1250, 1988), (1265, 2015), (1297, 2048), (1315, 2069), (1320, 2075), (1325, 2078), (1349, 2099), (1365, 2123), (1372, 2132), (1374, 2135), (1429, 2192),

Gene: Moki_2 Start: 426, Stop: 1991, Start Num: 165
Candidate Starts for Moki_2:
(Start: 165 @426 has 76 MA's), (Start: 333 @636 has 4 MA's), (402, 696), (419, 732), (424, 741), (431, 756), (444, 762), (463, 780), (557, 942), (569, 963), (620, 1077), (650, 1137), (748, 1203), (770, 1236), (790, 1266), (803, 1281), (852, 1362), (936, 1440), (941, 1449), (1105, 1647), (1133, 1689), (1177, 1713), (1212, 1755), (1328, 1857),

Gene: Moldemort_9 Start: 2465, Stop: 4135, Start Num: 394

Candidate Starts for Moldemort_9:
(Start: 394 @2465 has 48 MA's), (427, 2528), (551, 2762), (598, 2864), (693, 3044), (710, 3068), (724, 3086), (732, 3098), (768, 3161), (776, 3173), (808, 3218), (815, 3233), (873, 3311), (911, 3356), (934, 3410), (935, 3416), (1000, 3530), (1104, 3674), (1124, 3710), (1218, 3863), (1232, 3875), (1279, 3932), (1307, 3968), (1346, 4019), (1372, 4055), (1374, 4058), (1438, 4124),

Gene: Molly_12 Start: 6777, Stop: 8465, Start Num: 102
Candidate Starts for Molly_12:
(Start: 102 @6777 has 400 MA's), (Start: 309 @6957 has 15 MA's), (381, 7041), (408, 7077), (424, 7104), (499, 7200), (513, 7227), (535, 7260), (581, 7335), (620, 7425), (631, 7449), (647, 7476), (679, 7524), (728, 7593), (774, 7680), (809, 7740), (1001, 7965), (1009, 7974), (1021, 7986), (1080, 8028), (1100, 8049), (1117, 8076), (1193, 8184), (1279, 8274), (1365, 8379),

Gene: Mollymur_13 Start: 6996, Stop: 8732, Start Num: 148
Candidate Starts for Mollymur_13:
(Start: 148 @6996 has 26 MA's), (Start: 238 @7068 has 22 MA's), (411, 7257), (467, 7368), (488, 7404), (538, 7500), (615, 7644), (629, 7671), (654, 7719), (679, 7752), (789, 7926), (814, 7971), (966, 8124), (1198, 8442), (1318, 8586), (1372, 8646),

Gene: Moloch_4 Start: 874, Stop: 2364, Start Num: 202
Candidate Starts for Moloch_4:
(Start: 202 @874 has 39 MA's), (245, 919), (Start: 318 @1021 has 1 MA's), (Start: 333 @1039 has 4 MA's), (Start: 336 @1048 has 12 MA's), (Start: 397 @1099 has 4 MA's), (399, 1102), (405, 1111), (419, 1141), (434, 1168), (506, 1267), (577, 1366), (585, 1390), (586, 1393), (588, 1396), (607, 1441), (789, 1675), (820, 1723), (827, 1735), (864, 1774), (886, 1792), (902, 1804), (904, 1807), (922, 1828), (937, 1834), (946, 1846), (987, 1924), (1047, 1978), (1112, 2032), (1121, 2044), (1156, 2089), (1206, 2137), (1299, 2221), (1349, 2278), (1406, 2347),

Gene: Monet_13 Start: 7974, Stop: 9662, Start Num: 110
Candidate Starts for Monet_13:
(Start: 110 @7974 has 24 MA's), (Start: 309 @8154 has 15 MA's), (381, 8238), (Start: 403 @8265 has 1 MA's), (408, 8274), (513, 8424), (535, 8457), (581, 8532), (620, 8622), (631, 8646), (647, 8673), (679, 8721), (728, 8790), (774, 8877), (809, 8937), (1001, 9162), (1009, 9171), (1021, 9183), (1080, 9225), (1100, 9246), (1117, 9273), (1193, 9381), (1279, 9471), (1365, 9576),

Gene: MoneyMay_13 Start: 6955, Stop: 8655, Start Num: 105
Candidate Starts for MoneyMay_13:
(Start: 105 @6955 has 85 MA's), (Start: 145 @7003 has 1 MA's), (302, 7138), (467, 7330), (513, 7417), (537, 7453), (620, 7615), (675, 7705), (718, 7768), (809, 7930), (983, 8128), (999, 8152), (1001, 8155), (1080, 8218), (1100, 8239), (1129, 8278), (1193, 8374), (1241, 8428), (1279, 8464), (1405, 8611), (1435, 8641), (1438, 8644),

Gene: Monse_7 Start: 2710, Stop: 4455, Start Num: 307
Candidate Starts for Monse_7:
(Start: 307 @2710 has 198 MA's), (310, 2716), (367, 2809), (433, 2929), (467, 2995), (502, 3076), (516, 3106), (556, 3184), (572, 3205), (599, 3274), (644, 3376), (666, 3412), (722, 3502), (750, 3562), (805, 3661), (808, 3667), (892, 3790), (950, 3862), (1071, 4003), (1116, 4063), (1120, 4072), (1123, 4075), (1156, 4126), (1190, 4168), (1223, 4213), (1274, 4282), (1290, 4303), (1299, 4315), (1315, 4333), (1363, 4396), (1370, 4405), (1372, 4408),

Gene: Montavir_12 Start: 6957, Stop: 8657, Start Num: 105
Candidate Starts for Montavir_12:

(Start: 105 @6957 has 85 MA's), (Start: 145 @7005 has 1 MA's), (302, 7140), (467, 7332), (513, 7419), (620, 7617), (675, 7707), (718, 7770), (809, 7932), (983, 8130), (999, 8154), (1001, 8157), (1080, 8220), (1100, 8241), (1129, 8280), (1193, 8376), (1241, 8430), (1279, 8466), (1405, 8613), (1435, 8643), (1438, 8646),

Gene: MooKitty_3 Start: 668, Stop: 2077, Start Num: 235
Candidate Starts for MooKitty_3:
(Start: 235 @668 has 7 MA's), (268, 710), (Start: 307 @764 has 198 MA's), (Start: 318 @782 has 1 MA's), (402, 866), (405, 872), (419, 902), (425, 914), (444, 932), (530, 1052), (577, 1127), (585, 1151), (605, 1196), (607, 1202), (641, 1256), (647, 1265), (827, 1496), (848, 1517), (915, 1583), (995, 1688), (996, 1691), (1047, 1736), (1103, 1778), (1119, 1802), (1172, 1856), (1174, 1859), (1228, 1913), (1264, 1934), (1384, 2048), (1396, 2063),

Gene: MooMoo_2 Start: 337, Stop: 1785, Start Num: 267
Candidate Starts for MooMoo_2:
(Start: 152 @205 has 15 MA's), (186, 241), (242, 307), (Start: 262 @331 has 67 MA's), (Start: 267 @337 has 1 MA's), (310, 412), (402, 556), (411, 574), (418, 589), (419, 592), (451, 634), (463, 640), (485, 685), (487, 691), (517, 739), (532, 766), (611, 895), (618, 907), (636, 928), (680, 988), (790, 1105), (816, 1150), (842, 1186), (856, 1204), (880, 1228), (899, 1249), (953, 1288), (956, 1294), (957, 1297), (1025, 1372), (1028, 1375), (1046, 1387), (1093, 1426), (1111, 1450), (1112, 1453), (1142, 1483), (1157, 1510), (1213, 1573), (1242, 1606), (1263, 1627), (1277, 1639), (1353, 1720), (1415, 1768),

Gene: Moonbeam_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for Moonbeam_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 204 @617 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (261, 674), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (414, 851), (454, 905), (473, 917), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (736, 1388), (740, 1397), (862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1250, 1979), (1265, 2006), (1297, 2039), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: Moonflower_2 Start: 585, Stop: 2195, Start Num: 185
Candidate Starts for Moonflower_2:
(Start: 185 @585 has 14 MA's), (339, 768), (465, 903), (487, 951), (532, 1023), (620, 1176), (648, 1218), (675, 1248), (737, 1353), (745, 1362), (803, 1443), (804, 1446), (813, 1464), (855, 1509), (888, 1542), (912, 1569), (970, 1647), (1055, 1734), (1080, 1758), (1170, 1851), (1172, 1854), (1187, 1872), (1278, 1956), (1432, 2130),

Gene: Moose_10 Start: 7010, Stop: 8698, Start Num: 102
Candidate Starts for Moose_10:
(Start: 102 @7010 has 400 MA's), (Start: 309 @7190 has 15 MA's), (381, 7274), (408, 7310), (513, 7460), (581, 7568), (620, 7658), (631, 7682), (679, 7757), (728, 7826), (774, 7913), (809, 7973), (1009, 8207), (1021, 8219), (1080, 8261), (1100, 8282), (1117, 8309), (1193, 8417), (1279, 8507), (1365, 8612),

Gene: Moosehead_2 Start: 437, Stop: 1936, Start Num: 238
Candidate Starts for Moosehead_2:
(140, 338), (Start: 145 @344 has 1 MA's), (Start: 225 @422 has 84 MA's), (Start: 230 @428 has 31 MA's), (Start: 238 @437 has 22 MA's), (Start: 284 @473 has 1 MA's), (Start: 299 @497 has 5 MA's),

(316, 524), (Start: 322 @536 has 1 MA's), (331, 548), (356, 590), (371, 611), (Start: 397 @650 has 4 MA's), (399, 653), (430, 713), (451, 734), (463, 740), (465, 743), (487, 791), (490, 800), (491, 803), (568, 911), (583, 947), (594, 968), (611, 1013), (613, 1016), (637, 1058), (641, 1067), (744, 1154), (748, 1160), (784, 1205), (813, 1256), (820, 1265), (822, 1268), (848, 1307), (851, 1310), (877, 1340), (959, 1412), (962, 1418), (1018, 1490), (1023, 1493), (1072, 1526), (1105, 1565), (1126, 1592), (1129, 1595), (1174, 1658), (1232, 1727), (1235, 1730), (1262, 1754), (1276, 1766), (1278, 1769), (1339, 1835), (1345, 1844), (1348, 1847), (1375, 1877), (1428, 1925),

Gene: Mooshroom_8 Start: 3841, Stop: 5601, Start Num: 303
Candidate Starts for Mooshroom_8:
(279, 3793), (Start: 303 @3841 has 2 MA's), (Start: 307 @3847 has 198 MA's), (363, 3940), (367, 3946), (469, 4138), (502, 4213), (516, 4243), (532, 4273), (556, 4321), (570, 4339), (572, 4342), (589, 4384), (644, 4513), (750, 4699), (805, 4798), (847, 4870), (892, 4927), (950, 5005), (956, 5017), (1053, 5131), (1071, 5149), (1109, 5194), (1120, 5218), (1123, 5221), (1150, 5260), (1249, 5401), (1288, 5446), (1290, 5449), (1299, 5461), (1336, 5509), (1363, 5542), (1370, 5551), (1372, 5554),

Gene: Moostard_5 Start: 1186, Stop: 2751, Start Num: 138
Candidate Starts for Moostard_5:
(Start: 138 @1186 has 120 MA's), (Start: 142 @1192 has 6 MA's), (293, 1363), (396, 1468), (405, 1480), (506, 1636), (512, 1645), (513, 1648), (515, 1651), (566, 1726), (591, 1780), (593, 1783), (594, 1786), (766, 2017), (813, 2092), (827, 2113), (832, 2119), (900, 2188), (942, 2212), (954, 2230), (962, 2245), (1060, 2359), (1113, 2398), (1116, 2404), (1172, 2470), (1263, 2560), (1278, 2572), (1329, 2611), (1400, 2698), (1448, 2743), (1450, 2746),

Gene: Moozy_7 Start: 2667, Stop: 4412, Start Num: 307
Candidate Starts for Moozy_7:
(Start: 307 @2667 has 198 MA's), (310, 2673), (342, 2721), (363, 2760), (367, 2766), (433, 2886), (469, 2958), (516, 3063), (556, 3141), (570, 3159), (572, 3162), (599, 3231), (611, 3264), (637, 3315), (644, 3333), (656, 3357), (699, 3426), (750, 3519), (808, 3624), (892, 3747), (950, 3819), (1071, 3960), (1120, 4029), (1123, 4032), (1223, 4170), (1274, 4239), (1290, 4260), (1293, 4263), (1299, 4272), (1315, 4290), (1336, 4320), (1370, 4362), (1372, 4365),

Gene: Mori_30 Start: 13115, Stop: 14629, Start Num: 181
Candidate Starts for Mori_30:
(Start: 181 @13115 has 17 MA's), (Start: 184 @13118 has 14 MA's), (Start: 322 @13298 has 1 MA's), (381, 13391), (424, 13466), (451, 13499), (474, 13526), (487, 13556), (591, 13709), (594, 13715), (607, 13751), (611, 13760), (675, 13841), (679, 13850), (680, 13853), (744, 13892), (788, 13949), (809, 13985), (810, 13988), (957, 14144), (962, 14153), (1025, 14222), (1042, 14231), (1046, 14237), (1080, 14270), (1112, 14306), (1187, 14393), (1203, 14414), (1277, 14477), (1283, 14480), (1286, 14483), (1299, 14501), (1317, 14522), (1353, 14564), (1386, 14600), (1415, 14612),

Gene: Morkie_2 Start: 375, Stop: 1757, Start Num: 297
Candidate Starts for Morkie_2:
(Start: 225 @312 has 84 MA's), (Start: 297 @375 has 6 MA's), (365, 486), (463, 615), (490, 675), (517, 714), (583, 804), (602, 846), (611, 870), (623, 894), (636, 903), (640, 912), (641, 915), (773, 1041), (851, 1158), (940, 1239), (959, 1266), (962, 1272), (1042, 1341), (1082, 1383), (1111, 1410), (1129, 1425), (1150, 1455), (1157, 1470), (1160, 1476), (1187, 1500), (1263, 1575), (1283, 1590), (1348, 1674), (1353, 1680), (1358, 1686), (1364, 1692), (1367, 1695),

Gene: Morpher26_11 Start: 6893, Stop: 8590, Start Num: 102
Candidate Starts for Morpher26_11:
(Start: 102 @6893 has 400 MA's), (Start: 124 @6917 has 46 MA's), (381, 7163), (512, 7346), (513, 7349), (538, 7388), (581, 7457), (593, 7481), (620, 7547), (675, 7637), (774, 7802), (825, 7889), (953,

8015), (983, 8063), (999, 8087), (1080, 8153), (1113, 8192), (1129, 8213), (1193, 8309), (1402, 8543), (1405, 8546), (1435, 8576), (1438, 8579),

Gene: Morrey_4 Start: 1243, Stop: 2838, Start Num: 206
Candidate Starts for Morrey_4:
(Start: 206 @1243 has 13 MA's), (419, 1501), (431, 1525), (444, 1531), (620, 1822), (634, 1852), (665, 1903), (672, 1912), (764, 2014), (770, 2026), (867, 2149), (973, 2278), (1151, 2506), (1186, 2548), (1449, 2827),

Gene: Morrissey_2 Start: 537, Stop: 2093, Start Num: 211
Candidate Starts for Morrissey_2:
(Start: 211 @537 has 13 MA's), (Start: 235 @564 has 7 MA's), (Start: 317 @678 has 15 MA's), (418, 792), (431, 819), (501, 927), (513, 939), (522, 954), (567, 1002), (569, 1005), (593, 1053), (618, 1116), (648, 1176), (650, 1179), (778, 1293), (790, 1308), (877, 1410), (882, 1416), (905, 1443), (922, 1461), (962, 1509), (964, 1515), (979, 1548), (1015, 1587), (1020, 1590), (1122, 1722), (1176, 1791), (1177, 1794), (1193, 1812), (1221, 1848), (1286, 1905), (1305, 1929), (1451, 2085),

Gene: Morrow_11 Start: 6887, Stop: 8584, Start Num: 105
Candidate Starts for Morrow_11:
(28, 6707), (34, 6725), (38, 6755), (Start: 105 @6887 has 85 MA's), (Start: 124 @6911 has 46 MA's), (Start: 251 @7034 has 3 MA's), (350, 7124), (381, 7157), (512, 7340), (513, 7343), (538, 7382), (581, 7451), (593, 7475), (620, 7541), (675, 7631), (774, 7796), (825, 7883), (848, 7916), (923, 7982), (981, 8054), (983, 8057), (999, 8081), (1064, 8132), (1080, 8147), (1113, 8186), (1129, 8207), (1193, 8303), (1405, 8540), (1435, 8570), (1438, 8573),

Gene: MortyNRick_2 Start: 486, Stop: 2147, Start Num: 170
Candidate Starts for MortyNRick_2:
(56, 324), (Start: 71 @357 has 4 MA's), (74, 360), (Start: 110 @411 has 24 MA's), (116, 420), (Start: 141 @453 has 2 MA's), (Start: 170 @486 has 103 MA's), (Start: 232 @537 has 1 MA's), (241, 549), (260, 576), (302, 597), (354, 666), (362, 681), (Start: 403 @720 has 1 MA's), (415, 747), (424, 756), (425, 759), (467, 792), (484, 825), (485, 828), (490, 843), (509, 879), (510, 882), (513, 888), (523, 903), (525, 906), (548, 942), (581, 996), (603, 1047), (620, 1071), (675, 1158), (712, 1218), (722, 1227), (735, 1263), (760, 1299), (781, 1341), (810, 1395), (825, 1419), (842, 1443), (890, 1503), (921, 1509), (969, 1572), (999, 1626), (1015, 1644), (1080, 1701), (1088, 1713), (1113, 1740), (1165, 1821), (1188, 1851), (1226, 1890), (1247, 1914), (1282, 1950), (1292, 1962), (1295, 1965), (1372, 2058), (1374, 2061), (1387, 2079), (1416, 2100), (1445, 2121), (1456, 2136),

Gene: MosMoris_33 Start: 10300, Stop: 12042, Start Num: 170
Candidate Starts for MosMoris_33:
(Start: 170 @10300 has 103 MA's), (302, 10417), (Start: 330 @10462 has 14 MA's), (369, 10528), (374, 10543), (402, 10576), (Start: 403 @10579 has 1 MA's), (411, 10594), (425, 10618), (426, 10621), (467, 10651), (479, 10672), (485, 10690), (488, 10699), (505, 10735), (513, 10750), (543, 10795), (575, 10837), (590, 10876), (595, 10888), (603, 10909), (632, 10960), (647, 10981), (798, 11203), (866, 11308), (874, 11317), (930, 11350), (954, 11371), (956, 11374), (969, 11401), (983, 11431), (992, 11443), (1001, 11458), (1009, 11467), (1015, 11473), (1062, 11515), (1074, 11524), (1084, 11539), (1100, 11554), (1146, 11614), (1163, 11653), (1185, 11686), (1214, 11716), (1217, 11719), (1265, 11803), (1292, 11857), (1304, 11872), (1332, 11899), (1372, 11953), (1451, 12025), (1453, 12028),

Gene: Moss_2 Start: 594, Stop: 2282, Start Num: 143
Candidate Starts for Moss_2:
(Start: 143 @594 has 16 MA's), (477, 939), (490, 963), (513, 1008), (573, 1095), (595, 1149), (617, 1188), (693, 1323), (759, 1425), (952, 1647), (983, 1698), (1165, 1917), (1193, 1953), (1209, 1968),

(1372, 2193), (1381, 2205), (1399, 2220), (1445, 2271),

Gene: Mossy_14 Start: 8374, Stop: 10119, Start Num: 307
Candidate Starts for Mossy_14:
(Start: 307 @8374 has 198 MA's), (310, 8380), (363, 8467), (367, 8473), (387, 8509), (417, 8563), (435, 8596), (493, 8722), (556, 8848), (570, 8866), (572, 8869), (599, 8938), (644, 9040), (680, 9097), (722, 9166), (750, 9226), (805, 9325), (808, 9331), (823, 9361), (841, 9388), (892, 9454), (956, 9535), (1050, 9640), (1053, 9649), (1058, 9655), (1088, 9691), (1111, 9715), (1120, 9736), (1123, 9739), (1249, 9919), (1290, 9967), (1299, 9979), (1315, 9997), (1370, 10069), (1372, 10072),

Gene: Mowgli_2 Start: 359, Stop: 1891, Start Num: 161
Candidate Starts for Mowgli_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Moyashi_2 Start: 378, Stop: 1889, Start Num: 228
Candidate Starts for Moyashi_2:
(Start: 228 @378 has 40 MA's), (Start: 262 @417 has 67 MA's), (274, 435), (Start: 297 @462 has 6 MA's), (314, 480), (Start: 333 @507 has 4 MA's), (334, 510), (Start: 393 @558 has 3 MA's), (Start: 400 @567 has 2 MA's), (405, 573), (424, 612), (426, 618), (465, 651), (474, 669), (485, 693), (487, 699), (506, 738), (512, 747), (513, 750), (533, 789), (535, 792), (572, 861), (591, 906), (593, 909), (602, 930), (607, 945), (611, 954), (653, 1026), (667, 1044), (669, 1047), (674, 1053), (745, 1134), (763, 1155), (776, 1179), (809, 1227), (855, 1293), (922, 1326), (954, 1356), (973, 1398), (1054, 1476), (1062, 1485), (1075, 1497), (1112, 1530), (1130, 1551), (1131, 1554), (1134, 1557), (1143, 1569), (1170, 1602), (1184, 1620), (1190, 1626), (1206, 1647), (1224, 1668), (1278, 1704), (1280, 1707), (1290, 1719), (1299, 1731), (1360, 1791), (1366, 1797), (1373, 1806), (1397, 1836), (1403, 1842), (1433, 1875), (1443, 1881),

Gene: MrAK_2 Start: 378, Stop: 1889, Start Num: 228
Candidate Starts for MrAK_2:
(Start: 228 @378 has 40 MA's), (274, 435), (Start: 297 @462 has 6 MA's), (314, 480), (Start: 333 @507 has 4 MA's), (334, 510), (353, 528), (Start: 393 @558 has 3 MA's), (Start: 400 @567 has 2 MA's), (405, 573), (424, 612), (426, 618), (465, 651), (474, 669), (485, 693), (487, 699), (506, 738), (512, 747), (513, 750), (533, 789), (535, 792), (566, 852), (572, 861), (591, 906), (593, 909), (602, 930), (607, 945), (611, 954), (618, 966), (641, 1005), (653, 1026), (664, 1041), (667, 1044), (669, 1047), (674, 1053), (681, 1068), (745, 1134), (763, 1155), (776, 1179), (809, 1227), (855, 1293), (922, 1326), (954, 1356), (973, 1398), (1054, 1476), (1062, 1485), (1075, 1497), (1112, 1530), (1130, 1551), (1131, 1554), (1134, 1557), (1143, 1569), (1160, 1599), (1170, 1602), (1190, 1626), (1206, 1647), (1224, 1668), (1278, 1704), (1280, 1707), (1290, 1719), (1299, 1731), (1366, 1797), (1373, 1806), (1378, 1812), (1394, 1833), (1433, 1875), (1443, 1881),

Gene: MrAaronian_8 Start: 3618, Stop: 5366, Start Num: 307
Candidate Starts for MrAaronian_8:
(Start: 295 @3600 has 6 MA's), (Start: 307 @3618 has 198 MA's), (363, 3711), (367, 3717), (401, 3774), (433, 3837), (516, 4014), (556, 4092), (572, 4113), (611, 4215), (644, 4284), (651, 4299), (680, 4341), (750, 4470), (791, 4545), (805, 4569), (872, 4674), (892, 4698), (956, 4782), (1053, 4896), (1071, 4914), (1120, 4983), (1123, 4986), (1156, 5037), (1190, 5079), (1249, 5166), (1274, 5193), (1290, 5214), (1299, 5226), (1315, 5244), (1372, 5319),

Gene: MrBoss_5 Start: 3243, Stop: 4625, Start Num: 314
Candidate Starts for MrBoss_5:
(Start: 165 @3057 has 76 MA's), (314, 3243), (334, 3273), (Start: 397 @3324 has 4 MA's), (405, 3336), (419, 3366), (431, 3390), (463, 3414), (518, 3516), (569, 3597), (593, 3645), (620, 3711), (643, 3759), (648, 3768), (770, 3870), (790, 3900), (877, 4026), (961, 4119), (1009, 4191), (1046, 4227), (1133, 4323), (1212, 4389), (1264, 4419), (1274, 4425), (1328, 4491), (1451, 4611),

Gene: MrGloopy_5 Start: 3066, Stop: 4631, Start Num: 165
Candidate Starts for MrGloopy_5:
(Start: 165 @3066 has 76 MA's), (Start: 333 @3276 has 4 MA's), (334, 3279), (Start: 397 @3330 has 4 MA's), (426, 3387), (431, 3396), (463, 3420), (584, 3636), (591, 3648), (593, 3651), (595, 3657), (620, 3717), (650, 3777), (658, 3789), (770, 3876), (790, 3906), (803, 3921), (852, 4002), (936, 4080), (941, 4089), (961, 4125), (983, 4164), (1009, 4197), (1020, 4206), (1046, 4233), (1105, 4287), (1133, 4329), (1197, 4374), (1212, 4395), (1232, 4419), (1328, 4497), (1451, 4617),

Gene: MrGordo_11 Start: 6729, Stop: 8417, Start Num: 102
Candidate Starts for MrGordo_11:
(Start: 102 @6729 has 400 MA's), (381, 6993), (402, 7017), (513, 7179), (535, 7212), (581, 7287), (620, 7377), (631, 7401), (647, 7428), (679, 7476), (728, 7545), (774, 7632), (809, 7692), (1009, 7926), (1021, 7938), (1080, 7980), (1100, 8001), (1117, 8028), (1193, 8136), (1279, 8226), (1365, 8331),

Gene: MrGreen_3 Start: 1092, Stop: 2552, Start Num: 250
Candidate Starts for MrGreen_3:
(Start: 250 @1092 has 144 MA's), (Start: 254 @1098 has 2 MA's), (358, 1260), (363, 1269), (399, 1329), (444, 1398), (465, 1419), (488, 1470), (619, 1674), (755, 1809), (806, 1887), (817, 1902), (842, 1938), (880, 1980), (911, 2013), (926, 2031), (1015, 2151), (1020, 2154), (1039, 2166), (1113, 2241), (1172, 2304), (1187, 2322), (1190, 2325), (1330, 2487), (1337, 2496), (1344, 2505), (1372, 2544),

Gene: MrMagoo_18 Start: 5300, Stop: 6841, Start Num: 170
Candidate Starts for MrMagoo_18:
(Start: 170 @5300 has 103 MA's), (Start: 173 @5303 has 36 MA's), (331, 5486), (342, 5504), (392, 5537), (398, 5546), (431, 5609), (487, 5684), (591, 5837), (606, 5876), (678, 5969), (690, 5990), (809, 6137), (852, 6197), (1041, 6371), (1116, 6449), (1160, 6509), (1190, 6536), (1420, 6791),

Gene: MrSmee_2 Start: 424, Stop: 1761, Start Num: 336
Candidate Starts for MrSmee_2:
(Start: 247 @316 has 171 MA's), (Start: 336 @424 has 12 MA's), (342, 430), (362, 466), (365, 472), (487, 658), (490, 667), (588, 805), (595, 820), (607, 853), (611, 862), (613, 865), (636, 895), (637, 898), (640, 904), (641, 907), (675, 943), (820, 1102), (827, 1114), (903, 1210), (954, 1252), (959, 1261), (967, 1273), (1042, 1357), (1112, 1423), (1142, 1453), (1146, 1456), (1150, 1465), (1171, 1492), (1199, 1522), (1208, 1537), (1353, 1693),

Gene: Mryolo_10 Start: 6759, Stop: 8447, Start Num: 102
Candidate Starts for Mryolo_10:
(Start: 102 @6759 has 400 MA's), (Start: 309 @6939 has 15 MA's), (381, 7023), (408, 7059), (513, 7209), (581, 7317), (620, 7407), (631, 7431), (679, 7506), (690, 7524), (774, 7662), (809, 7722), (1001, 7947), (1009, 7956), (1021, 7968), (1080, 8010), (1100, 8031), (1117, 8058), (1193, 8166), (1279, 8256), (1365, 8361),

Gene: Ms6_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Ms6_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318

@734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: MsGreen_5 Start: 1190, Stop: 2755, Start Num: 138
Candidate Starts for MsGreen_5:
(97, 1139), (Start: 105 @1148 has 85 MA's), (Start: 138 @1190 has 120 MA's), (Start: 142 @1196 has 6 MA's), (293, 1367), (Start: 317 @1397 has 15 MA's), (396, 1472), (402, 1478), (405, 1484), (506, 1640), (512, 1649), (513, 1652), (515, 1655), (566, 1730), (591, 1784), (593, 1787), (594, 1790), (766, 2021), (813, 2096), (827, 2117), (832, 2123), (900, 2192), (942, 2216), (954, 2234), (962, 2249), (1060, 2363), (1113, 2402), (1116, 2408), (1172, 2474), (1216, 2528), (1263, 2564), (1278, 2576), (1329, 2615), (1400, 2702), (1448, 2747), (1450, 2750),

Gene: MsUbiquitous_3 Start: 676, Stop: 2304, Start Num: 225
Candidate Starts for MsUbiquitous_3:
(Start: 225 @676 has 84 MA's), (339, 832), (431, 940), (490, 1024), (503, 1048), (569, 1123), (594, 1174), (595, 1177), (620, 1237), (628, 1255), (643, 1285), (662, 1315), (1003, 1771), (1020, 1786), (1328, 2137), (1464, 2293),

Gene: MuchMore_15 Start: 6949, Stop: 8649, Start Num: 105
Candidate Starts for MuchMore_15:
(Start: 105 @6949 has 85 MA's), (Start: 145 @6997 has 1 MA's), (302, 7132), (467, 7324), (513, 7411), (620, 7609), (675, 7699), (718, 7762), (809, 7924), (983, 8122), (999, 8146), (1001, 8149), (1080, 8212), (1100, 8233), (1129, 8272), (1193, 8368), (1241, 8422), (1279, 8458), (1405, 8605), (1435, 8635), (1438, 8638),

Gene: Mudcat_8 Start: 3848, Stop: 5602, Start Num: 307
Candidate Starts for Mudcat_8:
(279, 3794), (Start: 303 @3842 has 2 MA's), (Start: 307 @3848 has 198 MA's), (363, 3941), (367, 3947), (469, 4139), (502, 4214), (516, 4244), (532, 4274), (556, 4322), (570, 4340), (572, 4343), (644, 4514), (750, 4700), (805, 4799), (847, 4871), (892, 4928), (950, 5006), (956, 5018), (1052, 5129), (1053, 5132), (1071, 5150), (1109, 5195), (1120, 5219), (1123, 5222), (1150, 5261), (1249, 5402), (1288, 5447), (1290, 5450), (1299, 5462), (1336, 5510), (1363, 5543), (1370, 5552), (1372, 5555),

Gene: Muddy_5 Start: 2008, Stop: 3672, Start Num: 170
Candidate Starts for Muddy_5:
(Start: 170 @2008 has 103 MA's), (222, 2047), (241, 2071), (362, 2200), (485, 2347), (490, 2362), (513, 2407), (543, 2455), (569, 2491), (594, 2548), (603, 2572), (625, 2608), (718, 2746), (748, 2806), (760, 2821), (780, 2860), (874, 3007), (969, 3097), (983, 3127), (1088, 3232), (1165, 3340), (1188, 3370), (1214, 3397), (1226, 3409), (1269, 3445), (1270, 3448), (1346, 3541), (1387, 3598),

Gene: Mudpuppy_2 Start: 533, Stop: 2239, Start Num: 124
Candidate Starts for Mudpuppy_2:
(Start: 124 @533 has 46 MA's), (486, 905), (513, 962), (546, 1010), (595, 1100), (623, 1154), (693, 1274), (748, 1364), (881, 1526), (983, 1649), (1193, 1904), (1209, 1919), (1292, 2054), (1363, 2138), (1381, 2162),

Gene: Mufasa_4 Start: 652, Stop: 2073, Start Num: 247
Candidate Starts for Mufasa_4:

(156, 574), (Start: 165 @586 has 76 MA's), (Start: 176 @595 has 3 MA's), (Start: 247 @652 has 171 MA's), (Start: 322 @733 has 1 MA's), (Start: 336 @754 has 12 MA's), (391, 838), (402, 847), (425, 895), (463, 931), (487, 982), (514, 1024), (517, 1030), (532, 1057), (607, 1177), (611, 1186), (613, 1189), (675, 1267), (679, 1276), (680, 1279), (792, 1381), (820, 1429), (827, 1441), (851, 1471), (870, 1495), (882, 1510), (962, 1588), (992, 1630), (1042, 1660), (1111, 1729), (1129, 1744), (1142, 1762), (1160, 1795), (1187, 1819), (1235, 1867), (1348, 1990), (1353, 1996), (1425, 2062),

Gene: Muglass_7 Start: 3236, Stop: 4969, Start Num: 307
Candidate Starts for Muglass_7:
(Start: 307 @3236 has 198 MA's), (Start: 330 @3275 has 14 MA's), (354, 3311), (367, 3335), (493, 3572), (502, 3590), (516, 3620), (556, 3698), (572, 3719), (599, 3788), (644, 3890), (656, 3914), (693, 3971), (709, 4004), (750, 4076), (805, 4175), (820, 4205), (847, 4247), (892, 4304), (956, 4385), (1071, 4517), (1120, 4586), (1123, 4589), (1190, 4682), (1273, 4793), (1290, 4817), (1299, 4829), (1309, 4841), (1370, 4919), (1372, 4922),

Gene: Mulch_6 Start: 1978, Stop: 3408, Start Num: 317
Candidate Starts for Mulch_6:
(Start: 176 @1810 has 3 MA's), (Start: 179 @1813 has 1 MA's), (188, 1822), (Start: 317 @1978 has 15 MA's), (Start: 330 @1996 has 14 MA's), (431, 2119), (459, 2137), (481, 2176), (484, 2185), (536, 2269), (594, 2353), (600, 2368), (613, 2401), (659, 2467), (752, 2599), (893, 2788), (903, 2800), (954, 2848), (973, 2890), (1023, 2941), (1111, 3016), (1112, 3019), (1139, 3046), (1187, 3106), (1213, 3139), (1226, 3154), (1278, 3190), (1317, 3232), (1336, 3259), (1371, 3295), (1377, 3301), (1409, 3340),

Gene: MulchSalad_2 Start: 586, Stop: 2223, Start Num: 155
Candidate Starts for MulchSalad_2:
(Start: 155 @586 has 202 MA's), (168, 601), (Start: 176 @610 has 3 MA's), (182, 616), (Start: 217 @643 has 1 MA's), (Start: 247 @667 has 171 MA's), (Start: 250 @670 has 144 MA's), (Start: 318 @733 has 1 MA's), (Start: 330 @751 has 14 MA's), (353, 772), (412, 859), (414, 865), (454, 919), (484, 943), (487, 952), (488, 955), (496, 976), (508, 997), (516, 1012), (548, 1069), (575, 1108), (602, 1177), (604, 1183), (621, 1213), (622, 1216), (627, 1225), (635, 1240), (647, 1258), (680, 1309), (717, 1360), (736, 1402), (740, 1411), (862, 1582), (874, 1594), (920, 1612), (983, 1678), (1005, 1708), (1007, 1711), (1010, 1714), (1080, 1771), (1097, 1786), (1101, 1792), (1104, 1795), (1113, 1810), (1117, 1819), (1164, 1888), (1190, 1918), (1196, 1927), (1225, 1960), (1250, 1993), (1265, 2020), (1297, 2053), (1320, 2080), (1325, 2083), (1349, 2104), (1365, 2128), (1372, 2137), (1374, 2140), (1429, 2197),

Gene: Mulciber_12 Start: 8024, Stop: 9787, Start Num: 103
Candidate Starts for Mulciber_12:
(Start: 103 @8024 has 236 MA's), (Start: 121 @8045 has 5 MA's), (Start: 217 @8132 has 1 MA's), (298, 8261), (314, 8285), (362, 8348), (487, 8492), (512, 8543), (513, 8546), (581, 8657), (593, 8681), (594, 8684), (620, 8747), (623, 8756), (631, 8771), (704, 8888), (722, 8903), (751, 8963), (803, 9047), (923, 9188), (992, 9275), (999, 9287), (1064, 9335), (1080, 9350), (1113, 9389), (1129, 9410), (1155, 9449), (1182, 9494), (1193, 9506), (1405, 9743), (1433, 9770),

Gene: Mule_11 Start: 7045, Stop: 8733, Start Num: 102
Candidate Starts for Mule_11:
(Start: 102 @7045 has 400 MA's), (381, 7309), (402, 7333), (513, 7495), (535, 7528), (581, 7603), (620, 7693), (631, 7717), (647, 7744), (679, 7792), (774, 7948), (809, 8008), (1001, 8233), (1009, 8242), (1021, 8254), (1080, 8296), (1100, 8317), (1117, 8344), (1193, 8452), (1279, 8542), (1365, 8647),

Gene: Munch_12 Start: 8024, Stop: 9787, Start Num: 103

Candidate Starts for Munch_12:
(Start: 103 @8024 has 236 MA's), (Start: 121 @8045 has 5 MA's), (Start: 217 @8132 has 1 MA's), (298, 8261), (314, 8285), (362, 8348), (487, 8492), (512, 8543), (513, 8546), (581, 8657), (593, 8681), (594, 8684), (620, 8747), (623, 8756), (631, 8771), (704, 8888), (722, 8903), (751, 8963), (803, 9047), (992, 9275), (999, 9287), (1064, 9335), (1080, 9350), (1113, 9389), (1129, 9410), (1155, 9449), (1182, 9494), (1193, 9506), (1405, 9743), (1433, 9770),

Gene: Mundrea_11 Start: 6846, Stop: 8543, Start Num: 102
Candidate Starts for Mundrea_11:
(Start: 102 @6846 has 400 MA's), (Start: 124 @6870 has 46 MA's), (381, 7116), (512, 7299), (513, 7302), (538, 7341), (581, 7410), (593, 7434), (604, 7464), (620, 7500), (675, 7590), (774, 7755), (825, 7842), (848, 7875), (923, 7941), (981, 8013), (983, 8016), (999, 8040), (1080, 8106), (1113, 8145), (1129, 8166), (1193, 8262), (1250, 8331), (1402, 8496), (1405, 8499), (1435, 8529), (1438, 8532),

Gene: MunkgeeRoachy_4 Start: 1161, Stop: 2840, Start Num: 170
Candidate Starts for MunkgeeRoachy_4:
(Start: 170 @1161 has 103 MA's), (Start: 232 @1212 has 1 MA's), (Start: 249 @1233 has 1 MA's), (Start: 251 @1236 has 3 MA's), (304, 1278), (362, 1359), (415, 1425), (424, 1434), (485, 1506), (490, 1521), (509, 1557), (513, 1566), (543, 1617), (595, 1716), (625, 1773), (645, 1806), (735, 1950), (760, 1986), (780, 2025), (798, 2058), (825, 2106), (848, 2139), (866, 2163), (921, 2196), (954, 2229), (981, 2286), (987, 2295), (1076, 2379), (1146, 2466), (1214, 2562), (1282, 2634), (1292, 2646), (1394, 2766), (1454, 2826), (1456, 2829),

Gene: Murai_31 Start: 13308, Stop: 14819, Start Num: 184
Candidate Starts for Murai_31:
(Start: 181 @13305 has 17 MA's), (Start: 184 @13308 has 14 MA's), (Start: 322 @13488 has 1 MA's), (381, 13581), (424, 13656), (451, 13689), (474, 13716), (487, 13746), (591, 13899), (594, 13905), (607, 13941), (611, 13950), (675, 14031), (679, 14040), (680, 14043), (744, 14082), (788, 14139), (809, 14175), (810, 14178), (957, 14334), (962, 14343), (1025, 14412), (1042, 14421), (1046, 14427), (1080, 14460), (1112, 14496), (1187, 14583), (1203, 14604), (1277, 14667), (1283, 14670), (1286, 14673), (1299, 14691), (1317, 14712), (1353, 14754), (1386, 14790), (1415, 14802),

Gene: Murp_2 Start: 360, Stop: 1931, Start Num: 173
Candidate Starts for Murp_2:
(65, 255), (Start: 173 @360 has 36 MA's), (289, 477), (Start: 318 @519 has 1 MA's), (Start: 333 @537 has 4 MA's), (342, 552), (384, 576), (399, 597), (465, 696), (483, 732), (487, 744), (513, 786), (520, 798), (539, 825), (593, 903), (648, 1008), (661, 1023), (675, 1038), (677, 1041), (745, 1116), (778, 1167), (919, 1323), (946, 1344), (956, 1362), (959, 1368), (1002, 1434), (1015, 1446), (1060, 1482), (1107, 1521), (1112, 1530), (1113, 1533), (1146, 1563), (1174, 1602), (1224, 1662), (1256, 1683), (1278, 1704), (1317, 1746), (1326, 1761), (1358, 1797), (1449, 1893), (1459, 1905), (1463, 1914),

Gene: Murphy_8 Start: 2182, Stop: 3852, Start Num: 394
Candidate Starts for Murphy_8:
(Start: 394 @2182 has 48 MA's), (427, 2245), (551, 2479), (598, 2581), (693, 2761), (710, 2785), (724, 2803), (732, 2815), (768, 2878), (776, 2890), (808, 2935), (815, 2950), (873, 3028), (911, 3073), (934, 3127), (935, 3133), (1000, 3247), (1104, 3391), (1124, 3427), (1218, 3580), (1232, 3592), (1279, 3649), (1307, 3685), (1346, 3736), (1372, 3772), (1374, 3775), (1438, 3841),

Gene: Murucutumbu_8 Start: 1562, Stop: 2983, Start Num: 247
Candidate Starts for Murucutumbu_8:
(Start: 165 @1490 has 76 MA's), (Start: 230 @1550 has 31 MA's), (Start: 247 @1562 has 171 MA's), (Start: 336 @1673 has 12 MA's), (342, 1679), (391, 1757), (402, 1766), (425, 1814), (444, 1832), (463, 1850), (487, 1901), (517, 1949), (532, 1976), (533, 1979), (591, 2054), (607, 2096), (611, 2105), (675,

2186), (792, 2300), (820, 2348), (827, 2360), (851, 2390), (870, 2414), (880, 2426), (893, 2441), (962, 2510), (1112, 2654), (1146, 2687), (1187, 2741), (1353, 2918), (1425, 2972),

Gene: Museum_13 Start: 7063, Stop: 8751, Start Num: 110
Candidate Starts for Museum_13:
(Start: 110 @7063 has 24 MA's), (302, 7234), (Start: 309 @7243 has 15 MA's), (381, 7327), (Start: 403 @7354 has 1 MA's), (408, 7363), (513, 7513), (535, 7546), (581, 7621), (620, 7711), (631, 7735), (647, 7762), (679, 7810), (774, 7966), (809, 8026), (1001, 8251), (1009, 8260), (1021, 8272), (1080, 8314), (1100, 8335), (1117, 8362), (1193, 8470), (1279, 8560), (1365, 8665),

Gene: Mutaforma13_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Mutaforma13_2:
(Start: 155 @587 has 202 MA's), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 204 @632 has 1 MA's), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1429, 2198),

Gene: Muttlie_4 Start: 800, Stop: 2290, Start Num: 202
Candidate Starts for Muttlie_4:
(Start: 202 @800 has 39 MA's), (245, 845), (Start: 318 @947 has 1 MA's), (Start: 333 @965 has 4 MA's), (Start: 336 @974 has 12 MA's), (354, 992), (Start: 397 @1025 has 4 MA's), (399, 1028), (405, 1037), (419, 1067), (434, 1094), (506, 1193), (577, 1292), (585, 1316), (586, 1319), (588, 1322), (607, 1367), (789, 1601), (820, 1649), (827, 1661), (864, 1700), (886, 1718), (902, 1730), (904, 1733), (922, 1754), (937, 1760), (946, 1772), (987, 1850), (1047, 1904), (1112, 1958), (1121, 1970), (1206, 2063), (1299, 2147), (1349, 2204), (1406, 2273),

Gene: Mwanjiwa_2 Start: 628, Stop: 2208, Start Num: 217
Candidate Starts for Mwanjiwa_2:
(Start: 155 @571 has 202 MA's), (163, 580), (Start: 176 @595 has 3 MA's), (Start: 217 @628 has 1 MA's), (Start: 247 @652 has 171 MA's), (Start: 250 @655 has 144 MA's), (Start: 318 @718 has 1 MA's), (353, 757), (412, 844), (454, 904), (484, 928), (487, 937), (488, 940), (496, 961), (508, 982), (548, 1054), (575, 1093), (602, 1162), (604, 1168), (621, 1198), (622, 1201), (627, 1210), (635, 1225), (647, 1243), (680, 1294), (717, 1345), (736, 1387), (740, 1396), (862, 1567), (874, 1579), (983, 1663), (1005, 1693), (1007, 1696), (1010, 1699), (1080, 1756), (1097, 1771), (1101, 1777), (1104, 1780), (1113, 1795), (1117, 1804), (1164, 1873), (1190, 1903), (1239, 1963), (1250, 1978), (1265, 2005), (1297, 2038), (1320, 2065), (1325, 2068), (1349, 2089), (1365, 2113), (1372, 2122), (1374, 2125), (1429, 2182),

Gene: Mynx_8 Start: 1613, Stop: 3034, Start Num: 247
Candidate Starts for Mynx_8:
(Start: 165 @1541 has 76 MA's), (Start: 230 @1601 has 31 MA's), (Start: 247 @1613 has 171 MA's), (Start: 336 @1724 has 12 MA's), (342, 1730), (391, 1808), (402, 1817), (425, 1865), (444, 1883), (487, 1952), (514, 1994), (517, 2000), (532, 2027), (533, 2030), (607, 2147), (611, 2156), (675, 2237), (792, 2351), (820, 2399), (827, 2411), (851, 2441), (880, 2477), (959, 2555), (962, 2561), (1112, 2705), (1146, 2738), (1187, 2792), (1353, 2969), (1425, 3023),

Gene: MyraDee_9 Start: 5029, Stop: 6714, Start Num: 113
Candidate Starts for MyraDee_9:

(Start: 113 @5029 has 11 MA's), (Start: 232 @5140 has 1 MA's), (241, 5152), (302, 5203), (408, 5332), (425, 5362), (512, 5476), (620, 5665), (641, 5710), (690, 5788), (696, 5797), (767, 5914), (793, 5959), (809, 5986), (812, 5992), (813, 5995), (983, 6187), (999, 6211), (1001, 6214), (1129, 6337), (1193, 6433), (1405, 6670), (1435, 6700), (1438, 6703),

Gene: Myram_3 Start: 1074, Stop: 2534, Start Num: 250
Candidate Starts for Myram_3:
(Start: 250 @1074 has 144 MA's), (Start: 254 @1080 has 2 MA's), (358, 1242), (363, 1251), (399, 1311), (444, 1380), (465, 1401), (488, 1452), (619, 1656), (806, 1869), (817, 1884), (842, 1920), (880, 1962), (911, 1995), (926, 2013), (1015, 2133), (1020, 2136), (1039, 2148), (1113, 2223), (1172, 2286), (1187, 2304), (1190, 2307), (1330, 2469), (1337, 2478), (1344, 2487), (1372, 2526),

Gene: Mysterium_2 Start: 594, Stop: 2282, Start Num: 143
Candidate Starts for Mysterium_2:
(Start: 143 @594 has 16 MA's), (354, 795), (477, 939), (513, 1008), (573, 1095), (595, 1149), (617, 1188), (693, 1323), (759, 1425), (952, 1647), (983, 1698), (1165, 1917), (1193, 1953), (1209, 1968), (1372, 2193), (1381, 2205), (1399, 2220), (1445, 2271),

Gene: Mysticmoon_14 Start: 8058, Stop: 9803, Start Num: 307
Candidate Starts for Mysticmoon_14:
(Start: 307 @8058 has 198 MA's), (310, 8064), (363, 8151), (367, 8157), (387, 8193), (417, 8247), (435, 8280), (493, 8406), (532, 8484), (556, 8532), (570, 8550), (572, 8553), (599, 8622), (644, 8724), (750, 8910), (805, 9009), (808, 9015), (823, 9045), (841, 9072), (892, 9138), (1022, 9297), (1052, 9330), (1053, 9333), (1088, 9375), (1111, 9399), (1120, 9420), (1123, 9423), (1290, 9651), (1299, 9663), (1315, 9681), (1370, 9753), (1372, 9756),

Gene: Myxus_13 Start: 8109, Stop: 9896, Start Num: 103
Candidate Starts for Myxus_13:
(Start: 103 @8109 has 236 MA's), (Start: 117 @8124 has 10 MA's), (Start: 121 @8130 has 5 MA's), (241, 8241), (298, 8340), (424, 8502), (487, 8574), (513, 8628), (538, 8667), (581, 8739), (620, 8829), (631, 8853), (704, 8970), (722, 8985), (778, 9093), (823, 9168), (848, 9204), (898, 9264), (992, 9384), (1006, 9405), (1064, 9444), (1113, 9498), (1115, 9501), (1129, 9519), (1163, 9573), (1182, 9603), (1193, 9615), (1279, 9705), (1295, 9723), (1405, 9852), (1433, 9879), (1435, 9882),

Gene: NEHalo_11 Start: 6571, Stop: 8259, Start Num: 102
Candidate Starts for NEHalo_11:
(Start: 102 @6571 has 400 MA's), (Start: 309 @6751 has 15 MA's), (381, 6835), (408, 6871), (424, 6898), (499, 6994), (513, 7021), (535, 7054), (581, 7129), (620, 7219), (631, 7243), (679, 7318), (774, 7474), (809, 7534), (1001, 7759), (1009, 7768), (1021, 7780), (1080, 7822), (1100, 7843), (1117, 7870), (1193, 7978), (1279, 8068), (1365, 8173),

Gene: NaLuna_2 Start: 522, Stop: 2105, Start Num: 185
Candidate Starts for NaLuna_2:
(154, 489), (163, 498), (Start: 185 @522 has 14 MA's), (426, 807), (465, 840), (487, 888), (522, 948), (532, 960), (593, 1050), (648, 1155), (745, 1299), (778, 1350), (855, 1446), (912, 1506), (959, 1554), (970, 1578), (1055, 1665), (1149, 1755), (1172, 1785), (1187, 1803), (1260, 1872), (1278, 1887), (1297, 1911),

Gene: NaSiaTalie_12 Start: 7481, Stop: 9268, Start Num: 103
Candidate Starts for NaSiaTalie_12:
(50, 7397), (Start: 103 @7481 has 236 MA's), (Start: 217 @7589 has 1 MA's), (234, 7610), (288, 7700), (298, 7718), (512, 8000), (513, 8003), (581, 8111), (620, 8201), (631, 8225), (704, 8342), (722, 8357), (983, 8744), (1113, 8870), (1129, 8891), (1182, 8975), (1193, 8987), (1405, 9224), (1433, 9251),

(1435, 9254), (1438, 9257), (1440, 9260),

Gene: Nabi_6 Start: 2374, Stop: 4020, Start Num: 95
Candidate Starts for Nabi_6:
(Start: 95 @2374 has 98 MA's), (Start: 113 @2392 has 11 MA's), (Start: 330 @2596 has 14 MA's), (362, 2632), (504, 2812), (515, 2833), (548, 2878), (575, 2920), (603, 2992), (620, 3016), (680, 3115), (690, 3130), (704, 3154), (712, 3160), (838, 3328), (983, 3478), (997, 3499), (1088, 3589), (1165, 3697), (1193, 3736), (1214, 3757), (1219, 3763), (1236, 3781), (1372, 3937), (1445, 4015),

Gene: Naby_3 Start: 778, Stop: 2235, Start Num: 250
Candidate Starts for Naby_3:
(Start: 250 @778 has 144 MA's), (358, 943), (444, 1081), (465, 1102), (483, 1138), (488, 1153), (591, 1294), (619, 1357), (637, 1381), (842, 1621), (880, 1663), (911, 1696), (926, 1714), (1015, 1834), (1039, 1849), (1076, 1885), (1113, 1924), (1172, 1987), (1190, 2008), (1330, 2170), (1344, 2188),

Gene: Naca_9 Start: 6070, Stop: 7848, Start Num: 54
Candidate Starts for Naca_9:
(Start: 54 @6070 has 19 MA's), (Start: 67 @6097 has 32 MA's), (Start: 108 @6157 has 1 MA's), (Start: 115 @6166 has 1 MA's), (147, 6205), (Start: 237 @6280 has 1 MA's), (241, 6286), (362, 6418), (424, 6493), (425, 6496), (551, 6670), (620, 6802), (641, 6847), (690, 6925), (693, 6931), (793, 7096), (812, 7129), (825, 7150), (983, 7324), (999, 7348), (1113, 7450), (1129, 7471), (1163, 7525), (1182, 7555), (1193, 7567), (1241, 7621), (1402, 7801), (1405, 7804), (1438, 7837), (1443, 7843),

Gene: Nadeem_6 Start: 1978, Stop: 3408, Start Num: 317
Candidate Starts for Nadeem_6:
(Start: 176 @1810 has 3 MA's), (Start: 179 @1813 has 1 MA's), (188, 1822), (Start: 317 @1978 has 15 MA's), (Start: 330 @1996 has 14 MA's), (431, 2119), (459, 2137), (481, 2176), (484, 2185), (536, 2269), (594, 2353), (600, 2368), (613, 2401), (659, 2467), (752, 2599), (893, 2788), (903, 2800), (954, 2848), (973, 2890), (1023, 2941), (1111, 3016), (1112, 3019), (1139, 3046), (1187, 3106), (1213, 3139), (1226, 3154), (1278, 3190), (1317, 3232), (1336, 3259), (1371, 3295), (1377, 3301), (1409, 3340),

Gene: NadineRae_24 Start: 9655, Stop: 11382, Start Num: 155
Candidate Starts for NadineRae_24:
(Start: 155 @9655 has 202 MA's), (Start: 217 @9718 has 1 MA's), (Start: 317 @9805 has 15 MA's), (351, 9856), (379, 9901), (Start: 403 @9931 has 1 MA's), (408, 9940), (424, 9973), (464, 10063), (473, 10081), (621, 10363), (635, 10390), (740, 10558), (748, 10570), (824, 10681), (1007, 10864), (1104, 10978), (1113, 10993), (1136, 11026), (1196, 11101), (1320, 11245), (1365, 11287), (1387, 11317), (1432, 11359),

Gene: Nadmeg_17 Start: 10303, Stop: 12048, Start Num: 307
Candidate Starts for Nadmeg_17:
(Start: 307 @10303 has 198 MA's), (310, 10309), (363, 10396), (367, 10402), (387, 10438), (417, 10492), (433, 10522), (502, 10669), (556, 10777), (570, 10795), (572, 10798), (599, 10867), (637, 10951), (644, 10969), (680, 11026), (750, 11155), (805, 11254), (808, 11260), (872, 11359), (892, 11383), (1050, 11569), (1053, 11578), (1111, 11644), (1120, 11665), (1123, 11668), (1288, 11893), (1290, 11896), (1299, 11908), (1370, 11998), (1372, 12001),

Gene: Naiad_8 Start: 3156, Stop: 4838, Start Num: 107
Candidate Starts for Naiad_8:
(Start: 107 @3156 has 35 MA's), (Start: 309 @3342 has 15 MA's), (362, 3414), (381, 3426), (402, 3450), (408, 3462), (513, 3615), (523, 3630), (567, 3690), (620, 3798), (647, 3855), (770, 4053), (780, 4071), (812, 4125), (926, 4236), (956, 4269), (983, 4311), (1006, 4344), (1088, 4413), (1193, 4557),

(1236, 4602), (1292, 4662), (1372, 4761), (1405, 4794), (1433, 4821), (1435, 4824), (1438, 4827),

Gene: Nairb_3 Start: 724, Stop: 2607, Start Num: 72
Candidate Starts for Nairb_3:
(9, 475), (Start: 72 @724 has 7 MA's), (Start: 137 @805 has 4 MA's), (144, 814), (Start: 232 @910 has 1 MA's), (241, 922), (362, 1054), (488, 1201), (490, 1207), (504, 1234), (513, 1252), (553, 1315), (625, 1450), (738, 1651), (790, 1708), (987, 1927), (1028, 1978), (1054, 2002), (1091, 2053), (1167, 2182), (1185, 2221), (1193, 2230), (1226, 2281), (1251, 2320), (1281, 2407), (1292, 2419), (1370, 2512), (1381, 2527), (1383, 2530),

Gene: Naji_15 Start: 7375, Stop: 9162, Start Num: 103
Candidate Starts for Naji_15:
(33, 7216), (36, 7243), (Start: 103 @7375 has 236 MA's), (Start: 217 @7483 has 1 MA's), (234, 7504), (278, 7570), (298, 7612), (362, 7699), (512, 7894), (513, 7897), (581, 8005), (620, 8095), (631, 8119), (693, 8218), (718, 8248), (722, 8251), (780, 8362), (916, 8551), (1064, 8710), (1080, 8725), (1088, 8737), (1113, 8764), (1129, 8785), (1182, 8869), (1193, 8881), (1279, 8971), (1405, 9118), (1433, 9145), (1435, 9148),

Gene: Namo_8 Start: 3146, Stop: 4891, Start Num: 307
Candidate Starts for Namo_8:
(Start: 307 @3146 has 198 MA's), (342, 3200), (345, 3203), (363, 3239), (367, 3245), (488, 3479), (535, 3578), (556, 3620), (572, 3641), (589, 3683), (594, 3695), (637, 3794), (644, 3812), (666, 3848), (791, 4073), (805, 4097), (808, 4103), (892, 4226), (950, 4295), (1050, 4412), (1052, 4418), (1071, 4439), (1120, 4508), (1123, 4511), (1156, 4562), (1223, 4649), (1273, 4715), (1290, 4739), (1299, 4751), (1315, 4769), (1370, 4841), (1372, 4844),

Gene: Namsahir_3 Start: 1095, Stop: 2555, Start Num: 250
Candidate Starts for Namsahir_3:
(Start: 250 @1095 has 144 MA's), (Start: 254 @1101 has 2 MA's), (358, 1263), (363, 1272), (399, 1332), (444, 1401), (465, 1422), (488, 1473), (619, 1677), (755, 1812), (817, 1905), (829, 1923), (842, 1941), (880, 1983), (911, 2016), (926, 2034), (1015, 2154), (1020, 2157), (1039, 2169), (1047, 2181), (1060, 2193), (1113, 2244), (1160, 2301), (1172, 2307), (1178, 2316), (1187, 2325), (1190, 2328), (1330, 2490), (1337, 2499), (1344, 2508), (1372, 2547),

Gene: Nancia_2 Start: 426, Stop: 1991, Start Num: 165
Candidate Starts for Nancia_2:
(Start: 165 @426 has 76 MA's), (270, 549), (310, 603), (Start: 333 @636 has 4 MA's), (334, 639), (Start: 397 @690 has 4 MA's), (Start: 403 @699 has 1 MA's), (419, 732), (426, 747), (431, 756), (463, 780), (557, 942), (620, 1077), (630, 1098), (650, 1137), (770, 1236), (790, 1266), (803, 1281), (818, 1314), (852, 1362), (861, 1371), (941, 1449), (961, 1485), (983, 1524), (1020, 1566), (1046, 1593), (1105, 1647), (1133, 1689), (1197, 1734), (1212, 1755), (1232, 1779), (1328, 1857),

Gene: Nancinator_8 Start: 3156, Stop: 4838, Start Num: 107
Candidate Starts for Nancinator_8:
(Start: 107 @3156 has 35 MA's), (Start: 309 @3342 has 15 MA's), (362, 3414), (381, 3426), (402, 3450), (408, 3462), (513, 3615), (523, 3630), (567, 3690), (620, 3798), (647, 3855), (770, 4053), (780, 4071), (812, 4125), (926, 4236), (956, 4269), (983, 4311), (1006, 4344), (1088, 4413), (1193, 4557), (1236, 4602), (1292, 4662), (1372, 4761), (1405, 4794), (1433, 4821), (1435, 4824), (1438, 4827),

Gene: NancyRae_6 Start: 1978, Stop: 3408, Start Num: 317
Candidate Starts for NancyRae_6:
(Start: 176 @1810 has 3 MA's), (Start: 179 @1813 has 1 MA's), (182, 1816), (188, 1822), (Start: 317 @1978 has 15 MA's), (Start: 330 @1996 has 14 MA's), (431, 2119), (459, 2137), (481, 2176), (484,

2185), (536, 2269), (594, 2353), (600, 2368), (613, 2401), (659, 2467), (712, 2536), (752, 2599), (893, 2788), (903, 2800), (954, 2848), (973, 2890), (1023, 2941), (1111, 3016), (1112, 3019), (1139, 3046), (1187, 3106), (1213, 3139), (1226, 3154), (1278, 3190), (1317, 3232), (1336, 3259), (1371, 3295), (1377, 3301), (1409, 3340),

Gene: Nandita_6 Start: 1957, Stop: 3657, Start Num: 209
Candidate Starts for Nandita_6:
(Start: 155 @1900 has 202 MA's), (Start: 190 @1936 has 1 MA's), (Start: 209 @1957 has 22 MA's), (Start: 295 @2080 has 6 MA's), (Start: 309 @2101 has 15 MA's), (339, 2149), (399, 2194), (402, 2197), (422, 2239), (431, 2257), (434, 2260), (444, 2263), (520, 2386), (569, 2440), (620, 2554), (650, 2614), (665, 2635), (703, 2701), (803, 2866), (852, 2932), (865, 2947), (973, 3118), (997, 3157), (1009, 3166), (1020, 3175), (1061, 3217), (1100, 3250), (1126, 3289), (1177, 3331), (1212, 3373), (1283, 3421), (1305, 3448), (1307, 3451), (1313, 3457), (1328, 3478), (1364, 3520), (1464, 3646),

Gene: Nanodon_8 Start: 2573, Stop: 4219, Start Num: 95
Candidate Starts for Nanodon_8:
(Start: 95 @2573 has 98 MA's), (Start: 113 @2591 has 11 MA's), (Start: 330 @2795 has 14 MA's), (407, 2876), (504, 3011), (515, 3032), (548, 3077), (575, 3119), (603, 3191), (620, 3215), (680, 3314), (722, 3368), (838, 3527), (903, 3587), (997, 3698), (1064, 3761), (1088, 3788), (1116, 3821), (1165, 3896), (1193, 3935), (1214, 3956), (1219, 3962), (1236, 3980), (1325, 4076), (1372, 4136),

Gene: Nanosmite_18 Start: 5467, Stop: 7059, Start Num: 170
Candidate Starts for Nanosmite_18:
(Start: 170 @5467 has 103 MA's), (Start: 173 @5470 has 36 MA's), (264, 5572), (331, 5656), (402, 5719), (487, 5854), (488, 5857), (606, 6046), (766, 6241), (776, 6256), (878, 6397), (970, 6514), (1041, 6589), (1190, 6754), (1400, 6988), (1420, 7009),

Gene: NapoleonB_8 Start: 3847, Stop: 5601, Start Num: 307
Candidate Starts for NapoleonB_8:
(279, 3793), (Start: 303 @3841 has 2 MA's), (Start: 307 @3847 has 198 MA's), (363, 3940), (367, 3946), (469, 4138), (502, 4213), (516, 4243), (532, 4273), (556, 4321), (570, 4339), (572, 4342), (589, 4384), (644, 4513), (750, 4699), (805, 4798), (847, 4870), (892, 4927), (950, 5005), (956, 5017), (1053, 5131), (1071, 5149), (1109, 5194), (1120, 5218), (1123, 5221), (1150, 5260), (1249, 5401), (1288, 5446), (1290, 5449), (1299, 5461), (1336, 5509), (1363, 5542), (1370, 5551), (1372, 5554),

Gene: Nason_8 Start: 4237, Stop: 5991, Start Num: 307
Candidate Starts for Nason_8:
(279, 4183), (Start: 303 @4231 has 2 MA's), (Start: 307 @4237 has 198 MA's), (363, 4330), (367, 4336), (502, 4603), (516, 4633), (532, 4663), (556, 4711), (570, 4729), (572, 4732), (589, 4774), (644, 4903), (750, 5089), (805, 5188), (847, 5260), (892, 5317), (950, 5395), (956, 5407), (1053, 5521), (1071, 5539), (1109, 5584), (1120, 5608), (1123, 5611), (1150, 5650), (1249, 5791), (1288, 5836), (1290, 5839), (1299, 5851), (1336, 5899), (1363, 5932), (1370, 5941), (1372, 5944),

Gene: NatB6_24 Start: 12178, Stop: 13905, Start Num: 153
Candidate Starts for NatB6_24:
(30, 11944), (Start: 72 @12073 has 7 MA's), (Start: 153 @12178 has 15 MA's), (Start: 317 @12328 has 15 MA's), (351, 12379), (353, 12385), (379, 12424), (Start: 403 @12454 has 1 MA's), (414, 12478), (424, 12496), (437, 12523), (464, 12586), (473, 12604), (621, 12889), (635, 12916), (691, 13000), (740, 13084), (748, 13096), (768, 13129), (824, 13207), (883, 13285), (983, 13357), (1007, 13390), (1054, 13453), (1080, 13480), (1104, 13504), (1117, 13528), (1196, 13627), (1237, 13675), (1365, 13813), (1387, 13843), (1445, 13897),

Gene: Natasha_7 Start: 3427, Stop: 5175, Start Num: 307

Candidate Starts for Natasha_7:
(Start: 307 @3427 has 198 MA's), (367, 3526), (433, 3646), (516, 3823), (556, 3901), (572, 3922), (611, 4024), (644, 4093), (750, 4279), (777, 4324), (791, 4354), (805, 4378), (872, 4483), (892, 4507), (950, 4579), (1053, 4705), (1115, 4780), (1120, 4792), (1123, 4795), (1147, 4828), (1150, 4834), (1290, 5023), (1299, 5035), (1315, 5053), (1370, 5125), (1372, 5128),

Gene: Natosaleda_8 Start: 3156, Stop: 4838, Start Num: 107
Candidate Starts for Natosaleda_8:
(Start: 107 @3156 has 35 MA's), (Start: 309 @3342 has 15 MA's), (362, 3414), (381, 3426), (402, 3450), (408, 3462), (513, 3615), (523, 3630), (567, 3690), (620, 3798), (647, 3855), (770, 4053), (780, 4071), (812, 4125), (926, 4236), (956, 4269), (983, 4311), (1006, 4344), (1088, 4413), (1193, 4557), (1236, 4602), (1292, 4662), (1372, 4761), (1405, 4794), (1433, 4821), (1435, 4824), (1438, 4827),

Gene: Navi1117_8 Start: 3625, Stop: 5358, Start Num: 307
Candidate Starts for Navi1117_8:
(Start: 307 @3625 has 198 MA's), (367, 3724), (493, 3961), (516, 4009), (556, 4087), (570, 4105), (572, 4108), (599, 4177), (644, 4279), (656, 4303), (693, 4360), (750, 4465), (805, 4564), (820, 4594), (847, 4636), (892, 4693), (950, 4762), (956, 4774), (1053, 4888), (1071, 4906), (1120, 4975), (1123, 4978), (1273, 5182), (1290, 5206), (1299, 5218), (1309, 5230), (1334, 5263), (1370, 5308), (1372, 5311),

Gene: Nazo_2 Start: 392, Stop: 2065, Start Num: 138
Candidate Starts for Nazo_2:
(31, 179), (57, 275), (Start: 138 @392 has 120 MA's), (Start: 220 @485 has 6 MA's), (Start: 235 @503 has 7 MA's), (Start: 318 @608 has 1 MA's), (349, 647), (421, 773), (431, 794), (444, 800), (445, 803), (483, 857), (495, 890), (558, 980), (659, 1169), (745, 1265), (778, 1316), (902, 1457), (919, 1469), (959, 1514), (1107, 1667), (1112, 1676), (1139, 1703), (1150, 1718), (1172, 1745), (1187, 1763), (1216, 1799), (1290, 1862), (1353, 1934), (1463, 2048),

Gene: NearlyHeadless_9 Start: 5706, Stop: 7460, Start Num: 67
Candidate Starts for NearlyHeadless_9:
(Start: 67 @5706 has 32 MA's), (92, 5748), (Start: 128 @5787 has 7 MA's), (Start: 204 @5856 has 1 MA's), (241, 5895), (424, 6102), (567, 6303), (620, 6411), (693, 6540), (793, 6705), (812, 6738), (926, 6858), (983, 6933), (1088, 7035), (1100, 7044), (1113, 7062), (1129, 7083), (1163, 7137), (1193, 7179), (1292, 7284), (1372, 7383), (1405, 7416), (1438, 7449), (1443, 7455),

Gene: Nebs_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Nebs_11:
(28, 6707), (34, 6725), (38, 6755), (Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Nebulosus_14 Start: 6686, Stop: 8383, Start Num: 103
Candidate Starts for Nebulosus_14:
(Start: 103 @6686 has 236 MA's), (120, 6704), (302, 6866), (424, 7022), (487, 7091), (513, 7145), (581, 7253), (594, 7280), (620, 7343), (631, 7367), (999, 7883), (1080, 7946), (1115, 7988), (1193, 8102), (1292, 8207), (1405, 8339), (1433, 8366), (1435, 8369), (1438, 8372),

Gene: Necropolis_2 Start: 413, Stop: 2089, Start Num: 138
Candidate Starts for Necropolis_2:

(Start: 138 @413 has 120 MA's), (Start: 318 @629 has 1 MA's), (349, 668), (380, 725), (384, 731), (396, 749), (421, 794), (426, 806), (431, 815), (444, 821), (483, 878), (490, 899), (495, 911), (558, 1001), (659, 1190), (745, 1286), (766, 1316), (778, 1337), (919, 1490), (1107, 1688), (1112, 1697), (1139, 1724), (1172, 1766), (1187, 1784), (1278, 1868), (1290, 1883), (1463, 2072),

Gene: Nedarya_13 Start: 7279, Stop: 8973, Start Num: 103
Candidate Starts for Nedarya_13:
(Start: 103 @7279 has 236 MA's), (120, 7294), (302, 7456), (487, 7681), (513, 7735), (581, 7843), (620, 7933), (631, 7957), (704, 8074), (778, 8197), (914, 8362), (983, 8449), (999, 8473), (1080, 8536), (1088, 8548), (1115, 8578), (1193, 8692), (1295, 8800), (1405, 8929), (1433, 8956), (1435, 8959), (1438, 8962),

Gene: Neeharika16_15 Start: 7523, Stop: 9277, Start Num: 103
Candidate Starts for Neeharika16_15:
(Start: 103 @7523 has 236 MA's), (298, 7754), (Start: 330 @7805 has 14 MA's), (362, 7841), (424, 7916), (513, 8039), (538, 8078), (581, 8147), (593, 8171), (594, 8174), (620, 8237), (631, 8261), (718, 8390), (722, 8393), (780, 8504), (914, 8666), (983, 8753), (992, 8765), (999, 8777), (1064, 8825), (1080, 8840), (1113, 8879), (1129, 8900), (1182, 8984), (1193, 8996), (1405, 9233), (1433, 9260), (1435, 9263),

Gene: Neighly_6 Start: 1146, Stop: 2516, Start Num: 310
Candidate Starts for Neighly_6:
(Start: 262 @1089 has 67 MA's), (310, 1146), (Start: 322 @1167 has 1 MA's), (Start: 336 @1191 has 12 MA's), (391, 1275), (402, 1284), (405, 1290), (444, 1350), (463, 1368), (487, 1419), (505, 1458), (591, 1572), (607, 1614), (611, 1623), (613, 1626), (675, 1704), (792, 1818), (820, 1866), (827, 1878), (851, 1908), (880, 1944), (903, 1971), (962, 2028), (1042, 2112), (1064, 2136), (1142, 2214), (1187, 2271), (1208, 2295), (1235, 2319), (1353, 2448), (1425, 2505),

Gene: Nekros_8 Start: 3575, Stop: 5107, Start Num: 233
Candidate Starts for Nekros_8:
(159, 3491), (Start: 198 @3533 has 4 MA's), (Start: 205 @3542 has 1 MA's), (Start: 233 @3575 has 12 MA's), (331, 3689), (380, 3752), (Start: 403 @3785 has 1 MA's), (405, 3788), (426, 3833), (484, 3908), (566, 4019), (568, 4022), (583, 4058), (599, 4091), (766, 4340), (808, 4403), (822, 4430), (862, 4475), (960, 4589), (975, 4625), (1005, 4655), (1015, 4664), (1082, 4718), (1112, 4742), (1349, 4976), (1358, 4988),

Gene: Nemo27_11 Start: 6907, Stop: 8580, Start Num: 124
Candidate Starts for Nemo27_11:
(Start: 102 @6883 has 400 MA's), (Start: 124 @6907 has 46 MA's), (Start: 251 @7030 has 3 MA's), (350, 7120), (381, 7153), (467, 7252), (512, 7336), (513, 7339), (538, 7378), (581, 7447), (593, 7471), (620, 7537), (675, 7627), (774, 7792), (825, 7879), (848, 7912), (923, 7978), (981, 8050), (983, 8053), (999, 8077), (1064, 8128), (1080, 8143), (1113, 8182), (1129, 8203), (1193, 8299), (1405, 8536), (1435, 8566), (1438, 8569),

Gene: Nenae_2 Start: 509, Stop: 2044, Start Num: 227
Candidate Starts for Nenae_2:
(Start: 227 @509 has 25 MA's), (Start: 230 @512 has 31 MA's), (Start: 249 @527 has 1 MA's), (292, 584), (Start: 307 @602 has 198 MA's), (316, 614), (390, 686), (412, 722), (422, 743), (474, 806), (539, 926), (583, 1010), (613, 1076), (659, 1148), (661, 1151), (677, 1163), (747, 1289), (766, 1313), (808, 1376), (878, 1460), (940, 1517), (950, 1532), (987, 1607), (1003, 1625), (1152, 1769), (1187, 1790), (1213, 1823), (1226, 1838), (1278, 1874), (1346, 1952), (1349, 1955), (1353, 1961),

Gene: Neobush_2 Start: 498, Stop: 2222, Start Num: 305

Candidate Starts for Neobush_2:
(Start: 295 @483 has 6 MA's), (Start: 305 @498 has 33 MA's), (373, 588), (510, 828), (513, 834), (526, 858), (555, 915), (590, 987), (696, 1185), (728, 1227), (732, 1233), (782, 1317), (807, 1344), (885, 1455), (908, 1482), (1013, 1659), (1191, 1932), (1194, 1935), (1197, 1941), (1212, 1962), (1245, 2001), (1281, 2049), (1289, 2058), (1307, 2082), (1332, 2100), (1374, 2157), (1439, 2214),

Gene: Neoh_2 Start: 360, Stop: 1892, Start Num: 161
Candidate Starts for Neoh_2:
(Start: 161 @360 has 29 MA's), (Start: 262 @456 has 67 MA's), (Start: 273 @459 has 4 MA's), (Start: 299 @495 has 5 MA's), (Start: 322 @534 has 1 MA's), (425, 696), (487, 783), (490, 792), (499, 810), (505, 822), (594, 942), (607, 978), (618, 999), (636, 1020), (675, 1068), (679, 1077), (820, 1230), (865, 1290), (882, 1308), (949, 1359), (962, 1386), (972, 1401), (973, 1404), (1074, 1485), (1109, 1530), (1172, 1605), (1187, 1623), (1205, 1644), (1259, 1689), (1277, 1707), (1280, 1710), (1353, 1803), (1428, 1884),

Gene: Nerdos_6 Start: 2402, Stop: 4048, Start Num: 95
Candidate Starts for Nerdos_6:
(Start: 95 @2402 has 98 MA's), (Start: 113 @2420 has 11 MA's), (Start: 330 @2624 has 14 MA's), (407, 2705), (504, 2840), (515, 2861), (575, 2948), (603, 3020), (620, 3044), (680, 3143), (722, 3197), (803, 3296), (838, 3356), (992, 3518), (997, 3527), (1088, 3617), (1113, 3644), (1164, 3722), (1165, 3725), (1193, 3764), (1214, 3785), (1219, 3791), (1236, 3809), (1325, 3905), (1372, 3965),

Gene: Nergal_5 Start: 1844, Stop: 3613, Start Num: 99
Candidate Starts for Nergal_5:
(Start: 99 @1844 has 1 MA's), (125, 1868), (Start: 131 @1877 has 1 MA's), (200, 1937), (302, 2033), (314, 2051), (362, 2114), (407, 2159), (424, 2189), (426, 2195), (477, 2249), (504, 2300), (508, 2306), (509, 2309), (594, 2462), (625, 2519), (645, 2552), (748, 2735), (762, 2753), (853, 2861), (953, 2960), (954, 2963), (983, 3008), (1001, 3035), (1115, 3149), (1116, 3152), (1135, 3179), (1145, 3200), (1157, 3227), (1210, 3317), (1241, 3359), (1261, 3383), (1279, 3407), (1327, 3461), (1365, 3512), (1370, 3518), (1402, 3551),

Gene: Nerujay_12 Start: 7406, Stop: 9094, Start Num: 102
Candidate Starts for Nerujay_12:
(Start: 102 @7406 has 400 MA's), (381, 7670), (402, 7694), (513, 7856), (535, 7889), (581, 7964), (620, 8054), (631, 8078), (647, 8105), (679, 8153), (728, 8222), (767, 8297), (774, 8309), (809, 8369), (1009, 8603), (1021, 8615), (1080, 8657), (1100, 8678), (1117, 8705), (1193, 8813), (1279, 8903), (1365, 9008),

Gene: Nesbitt_2 Start: 643, Stop: 2349, Start Num: 337
Candidate Starts for Nesbitt_2:
(313, 601), (Start: 332 @631 has 1 MA's), (Start: 337 @643 has 1 MA's), (361, 682), (376, 712), (427, 802), (441, 832), (487, 901), (489, 907), (516, 967), (526, 985), (566, 1063), (598, 1135), (601, 1141), (606, 1156), (611, 1168), (628, 1195), (660, 1261), (675, 1276), (710, 1333), (732, 1360), (783, 1447), (807, 1471), (926, 1645), (994, 1759), (1008, 1780), (1033, 1810), (1056, 1840), (1158, 2017), (1164, 2032), (1197, 2080), (1212, 2101), (1332, 2233), (1372, 2287), (1374, 2290),

Gene: Nette_3 Start: 631, Stop: 2514, Start Num: 72
Candidate Starts for Nette_3:
(Start: 35 @535 has 1 MA's), (Start: 72 @631 has 7 MA's), (Start: 232 @817 has 1 MA's), (241, 829), (488, 1108), (490, 1114), (504, 1141), (513, 1159), (553, 1222), (625, 1357), (746, 1573), (753, 1582), (790, 1615), (987, 1834), (1028, 1885), (1031, 1888), (1054, 1909), (1091, 1960), (1102, 1975), (1146, 2047), (1167, 2089), (1174, 2098), (1185, 2128), (1193, 2137), (1226, 2188), (1241, 2209), (1277, 2308), (1281, 2314), (1292, 2326), (1370, 2419), (1381, 2434), (1383, 2437), (1448, 2497),

Gene: Nettuno_2 Start: 318, Stop: 1889, Start Num: 151
Candidate Starts for Nettuno_2:
(Start: 151 @318 has 55 MA's), (Start: 318 @504 has 1 MA's), (342, 537), (421, 621), (425, 630), (465, 666), (491, 726), (566, 816), (568, 819), (607, 912), (620, 936), (648, 978), (689, 1032), (723, 1071), (778, 1137), (789, 1149), (808, 1179), (840, 1212), (919, 1293), (959, 1338), (962, 1344), (971, 1365), (1054, 1455), (1109, 1500), (1112, 1506), (1142, 1536), (1146, 1539), (1187, 1593), (1216, 1629), (1280, 1680), (1331, 1740), (1334, 1743), (1371, 1785), (1461, 1872),

Gene: Netyap_4 Start: 1069, Stop: 2637, Start Num: 138
Candidate Starts for Netyap_4:
(Start: 138 @1069 has 120 MA's), (Start: 142 @1075 has 6 MA's), (Start: 284 @1231 has 1 MA's), (512, 1528), (515, 1534), (556, 1594), (591, 1666), (594, 1672), (602, 1693), (675, 1792), (710, 1840), (762, 1894), (776, 1918), (807, 1963), (809, 1969), (827, 1999), (832, 2005), (855, 2032), (863, 2041), (942, 2098), (946, 2104), (959, 2125), (962, 2131), (1020, 2206), (1023, 2209), (1060, 2245), (1116, 2290), (1172, 2356), (1234, 2431), (1266, 2449), (1278, 2458), (1420, 2605), (1448, 2629), (1450, 2632),

Gene: NeumannU_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for NeumannU_3:
(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (806, 1881), (817, 1896), (842, 1932), (880, 1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298), (1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: Neuvillette_4 Start: 1251, Stop: 2789, Start Num: 211
Candidate Starts for Neuvillette_4:
(Start: 211 @1251 has 13 MA's), (259, 1296), (405, 1455), (458, 1518), (495, 1605), (611, 1845), (618, 1857), (650, 1914), (750, 2073), (808, 2160), (938, 2292), (1084, 2460), (1228, 2592),

Gene: Neville_12 Start: 4818, Stop: 6263, Start Num: 230
Candidate Starts for Neville_12:
(Start: 230 @4818 has 31 MA's), (396, 5004), (465, 5097), (510, 5178), (516, 5190), (554, 5229), (566, 5247), (572, 5256), (607, 5340), (611, 5349), (651, 5409), (677, 5427), (776, 5547), (794, 5574), (843, 5643), (876, 5673), (946, 5739), (1020, 5844), (1116, 5931), (1146, 5955), (1174, 5994), (1226, 6057), (1293, 6108), (1352, 6165),

Gene: NewHope4_2 Start: 571, Stop: 2208, Start Num: 155
Candidate Starts for NewHope4_2:
(Start: 155 @571 has 202 MA's), (163, 580), (Start: 176 @595 has 3 MA's), (Start: 217 @628 has 1 MA's), (Start: 247 @652 has 171 MA's), (Start: 250 @655 has 144 MA's), (Start: 318 @718 has 1 MA's), (353, 757), (412, 844), (454, 904), (484, 928), (487, 937), (488, 940), (496, 961), (508, 982), (516, 997), (548, 1054), (575, 1093), (602, 1162), (604, 1168), (621, 1198), (622, 1201), (627, 1210), (635, 1225), (647, 1243), (680, 1294), (736, 1387), (740, 1396), (862, 1567), (874, 1579), (983, 1663), (1005, 1693), (1007, 1696), (1010, 1699), (1080, 1756), (1097, 1771), (1101, 1777), (1104, 1780), (1113, 1795), (1117, 1804), (1164, 1873), (1190, 1903), (1196, 1912), (1225, 1945), (1239, 1963), (1250, 1978), (1265, 2005), (1297, 2038), (1320, 2065), (1325, 2068), (1349, 2089), (1365, 2113), (1372, 2122), (1374, 2125), (1429, 2182),

Gene: Newrala_15 Start: 7523, Stop: 9277, Start Num: 103
Candidate Starts for Newrala_15:
(Start: 103 @7523 has 236 MA's), (298, 7754), (Start: 330 @7805 has 14 MA's), (362, 7841), (424, 7916), (513, 8039), (538, 8078), (581, 8147), (593, 8171), (594, 8174), (620, 8237), (631, 8261), (718,

8390), (722, 8393), (780, 8504), (914, 8666), (983, 8753), (992, 8765), (999, 8777), (1064, 8825), (1080, 8840), (1113, 8879), (1129, 8900), (1182, 8984), (1193, 8996), (1405, 9233), (1433, 9260), (1435, 9263),

Gene: Nhonho_11 Start: 6855, Stop: 8543, Start Num: 102
Candidate Starts for Nhonho_11:
(Start: 102 @6855 has 400 MA's), (Start: 309 @7035 has 15 MA's), (381, 7119), (408, 7155), (424, 7182), (513, 7305), (581, 7413), (620, 7503), (631, 7527), (647, 7554), (679, 7602), (774, 7758), (809, 7818), (1001, 8043), (1009, 8052), (1021, 8064), (1080, 8106), (1100, 8127), (1117, 8154), (1193, 8262), (1279, 8352), (1365, 8457),

Gene: Nibb_7 Start: 1575, Stop: 2999, Start Num: 247
Candidate Starts for Nibb_7:
(Start: 247 @1575 has 171 MA's), (310, 1641), (Start: 322 @1662 has 1 MA's), (Start: 336 @1686 has 12 MA's), (363, 1731), (391, 1770), (402, 1779), (425, 1827), (444, 1845), (463, 1863), (487, 1914), (505, 1953), (532, 1989), (591, 2067), (607, 2109), (611, 2118), (675, 2199), (792, 2313), (816, 2355), (820, 2361), (827, 2373), (851, 2403), (880, 2439), (893, 2454), (962, 2523), (993, 2565), (1042, 2595), (1111, 2664), (1142, 2697), (1146, 2700), (1187, 2754), (1216, 2787), (1353, 2931), (1425, 2988),

Gene: Nibbles_6 Start: 1989, Stop: 3689, Start Num: 170
Candidate Starts for Nibbles_6:
(Start: 170 @1989 has 103 MA's), (214, 2019), (Start: 249 @2061 has 1 MA's), (362, 2199), (408, 2247), (425, 2277), (467, 2310), (485, 2346), (490, 2361), (496, 2376), (513, 2406), (543, 2457), (595, 2556), (603, 2577), (645, 2646), (675, 2688), (692, 2718), (780, 2865), (808, 2916), (848, 2979), (866, 3003), (953, 3069), (969, 3102), (979, 3126), (981, 3129), (987, 3138), (1001, 3159), (1025, 3186), (1080, 3231), (1088, 3243), (1098, 3249), (1113, 3270), (1142, 3309), (1214, 3408), (1247, 3444), (1330, 3531), (1394, 3612), (1400, 3618), (1454, 3675), (1456, 3678),

Gene: Niblet_3 Start: 749, Stop: 2329, Start Num: 238
Candidate Starts for Niblet_3:
(Start: 171 @689 has 16 MA's), (Start: 238 @749 has 22 MA's), (Start: 309 @845 has 15 MA's), (314, 854), (Start: 318 @863 has 1 MA's), (334, 884), (Start: 397 @935 has 4 MA's), (424, 986), (431, 1001), (474, 1046), (598, 1247), (620, 1298), (631, 1322), (650, 1358), (665, 1379), (700, 1439), (720, 1469), (731, 1478), (774, 1541), (952, 1751), (961, 1769), (1003, 1835), (1009, 1841), (1020, 1850), (1048, 1880), (1096, 1919), (1151, 1997), (1189, 2042), (1200, 2054), (1305, 2168), (1364, 2237), (1369, 2243), (1378, 2255), (1385, 2264), (1449, 2318),

Gene: Nibley_6 Start: 2259, Stop: 3791, Start Num: 233
Candidate Starts for Nibley_6:
(159, 2175), (Start: 198 @2217 has 4 MA's), (Start: 205 @2226 has 1 MA's), (Start: 233 @2259 has 12 MA's), (331, 2373), (Start: 403 @2469 has 1 MA's), (405, 2472), (424, 2511), (426, 2517), (484, 2592), (487, 2601), (566, 2703), (568, 2706), (583, 2742), (599, 2775), (766, 3024), (808, 3087), (822, 3114), (862, 3159), (960, 3273), (975, 3309), (1005, 3339), (1015, 3348), (1082, 3402), (1112, 3426), (1349, 3660), (1358, 3672),

Gene: Nichirin_2 Start: 605, Stop: 2218, Start Num: 176
Candidate Starts for Nichirin_2:
(Start: 146 @578 has 2 MA's), (Start: 155 @581 has 202 MA's), (Start: 176 @605 has 3 MA's), (Start: 217 @638 has 1 MA's), (Start: 247 @662 has 171 MA's), (Start: 250 @665 has 144 MA's), (Start: 318 @728 has 1 MA's), (353, 767), (412, 854), (414, 860), (454, 914), (484, 938), (487, 947), (488, 950), (496, 971), (508, 992), (548, 1064), (575, 1103), (602, 1172), (604, 1178), (621, 1208), (622, 1211), (627, 1220), (635, 1235), (647, 1253), (680, 1304), (736, 1397), (740, 1406), (862, 1577), (874, 1589), (983, 1673), (1005, 1703), (1007, 1706), (1010, 1709), (1080, 1766), (1097, 1781), (1101, 1787),

(1104, 1790), (1113, 1805), (1117, 1814), (1164, 1883), (1190, 1913), (1196, 1922), (1225, 1955), (1250, 1988), (1265, 2015), (1297, 2048), (1315, 2069), (1320, 2075), (1325, 2078), (1349, 2099), (1365, 2123), (1372, 2132), (1374, 2135), (1429, 2192),

Gene: Nicholas_5 Start: 1190, Stop: 2755, Start Num: 138
Candidate Starts for Nicholas_5:
(97, 1139), (Start: 105 @1148 has 85 MA's), (Start: 138 @1190 has 120 MA's), (Start: 142 @1196 has 6 MA's), (293, 1367), (Start: 317 @1397 has 15 MA's), (396, 1472), (402, 1478), (405, 1484), (506, 1640), (512, 1649), (513, 1652), (515, 1655), (566, 1730), (591, 1784), (593, 1787), (594, 1790), (766, 2021), (813, 2096), (827, 2117), (832, 2123), (900, 2192), (942, 2216), (954, 2234), (962, 2249), (1060, 2363), (1113, 2402), (1116, 2408), (1172, 2474), (1216, 2528), (1263, 2564), (1278, 2576), (1329, 2615), (1400, 2702), (1448, 2747), (1450, 2750),

Gene: Nicholasp3_4 Start: 1069, Stop: 2637, Start Num: 138
Candidate Starts for Nicholasp3_4:
(Start: 138 @1069 has 120 MA's), (Start: 142 @1075 has 6 MA's), (Start: 284 @1231 has 1 MA's), (512, 1528), (515, 1534), (556, 1594), (591, 1666), (594, 1672), (675, 1792), (710, 1840), (762, 1894), (776, 1918), (807, 1963), (809, 1969), (827, 1999), (832, 2005), (855, 2032), (863, 2041), (942, 2098), (946, 2104), (959, 2125), (962, 2131), (1020, 2206), (1023, 2209), (1060, 2245), (1116, 2290), (1172, 2356), (1234, 2431), (1266, 2449), (1278, 2458), (1420, 2605), (1448, 2629), (1450, 2632),

Gene: Nicky22_4 Start: 1151, Stop: 2779, Start Num: 225
Candidate Starts for Nicky22_4:
(Start: 225 @1151 has 84 MA's), (339, 1307), (431, 1415), (463, 1439), (485, 1484), (490, 1499), (569, 1598), (594, 1649), (620, 1712), (643, 1760), (662, 1790), (1020, 2261), (1328, 2612), (1369, 2660), (1464, 2768),

Gene: NicoleTera_16 Start: 9187, Stop: 10974, Start Num: 103
Candidate Starts for NicoleTera_16:
(Start: 103 @9187 has 236 MA's), (Start: 217 @9295 has 1 MA's), (234, 9316), (278, 9382), (298, 9424), (314, 9448), (362, 9511), (512, 9706), (513, 9709), (538, 9748), (581, 9817), (620, 9907), (631, 9931), (704, 10048), (722, 10063), (983, 10450), (1080, 10537), (1088, 10549), (1115, 10579), (1129, 10597), (1193, 10693), (1405, 10930), (1433, 10957), (1435, 10960), (1438, 10963), (1440, 10966),

Gene: NidoQ_2 Start: 625, Stop: 2373, Start Num: 330
Candidate Starts for NidoQ_2:
(294, 574), (311, 601), (Start: 330 @625 has 14 MA's), (388, 718), (469, 859), (473, 865), (481, 883), (486, 898), (487, 901), (554, 1039), (590, 1114), (598, 1135), (660, 1261), (732, 1363), (766, 1420), (774, 1435), (807, 1474), (986, 1747), (994, 1762), (1011, 1786), (1036, 1819), (1135, 1969), (1147, 1996), (1158, 2020), (1165, 2038), (1187, 2068), (1197, 2083), (1207, 2098), (1232, 2125), (1253, 2152), (1281, 2176), (1289, 2185), (1332, 2236), (1372, 2290),

Gene: NiebruSaylor_30 Start: 13116, Stop: 14630, Start Num: 181
Candidate Starts for NiebruSaylor_30:
(Start: 181 @13116 has 17 MA's), (Start: 184 @13119 has 14 MA's), (Start: 322 @13299 has 1 MA's), (381, 13392), (424, 13467), (451, 13500), (474, 13527), (487, 13557), (591, 13710), (594, 13716), (607, 13752), (611, 13761), (675, 13842), (679, 13851), (680, 13854), (744, 13893), (788, 13950), (809, 13986), (810, 13989), (957, 14145), (962, 14154), (1025, 14223), (1042, 14232), (1046, 14238), (1080, 14271), (1112, 14307), (1187, 14394), (1203, 14415), (1277, 14478), (1283, 14481), (1286, 14484), (1299, 14502), (1317, 14523), (1353, 14565), (1386, 14601), (1415, 14613),

Gene: Niffler_3 Start: 1152, Stop: 2612, Start Num: 250
Candidate Starts for Niffler_3:

(Start: 250 @1152 has 144 MA's), (Start: 254 @1158 has 2 MA's), (358, 1320), (363, 1329), (399, 1389), (444, 1458), (465, 1479), (488, 1530), (619, 1734), (755, 1869), (806, 1947), (817, 1962), (829, 1980), (842, 1998), (880, 2040), (911, 2073), (926, 2091), (1015, 2211), (1020, 2214), (1039, 2226), (1047, 2238), (1060, 2250), (1113, 2301), (1160, 2358), (1172, 2364), (1178, 2373), (1187, 2382), (1190, 2385), (1330, 2547), (1337, 2556), (1344, 2565), (1372, 2604),

Gene: Nightmare_7 Start: 3565, Stop: 5304, Start Num: 307
Candidate Starts for Nightmare_7:
(Start: 307 @3565 has 198 MA's), (367, 3664), (433, 3784), (485, 3883), (502, 3925), (516, 3955), (532, 3985), (556, 4033), (572, 4054), (611, 4156), (644, 4225), (656, 4249), (709, 4339), (750, 4411), (791, 4486), (805, 4510), (892, 4639), (956, 4720), (1053, 4834), (1071, 4852), (1076, 4858), (1120, 4921), (1123, 4924), (1252, 5113), (1273, 5128), (1276, 5134), (1290, 5152), (1299, 5164), (1370, 5254), (1372, 5257),

Gene: Nikao_4 Start: 847, Stop: 2271, Start Num: 247
Candidate Starts for Nikao_4:
(Start: 230 @835 has 31 MA's), (Start: 247 @847 has 171 MA's), (310, 913), (Start: 336 @958 has 12 MA's), (363, 1003), (391, 1042), (402, 1051), (425, 1099), (444, 1117), (463, 1135), (487, 1186), (517, 1234), (532, 1261), (607, 1381), (611, 1390), (637, 1426), (638, 1429), (675, 1471), (686, 1489), (792, 1585), (816, 1627), (820, 1633), (827, 1645), (851, 1675), (856, 1681), (870, 1699), (893, 1726), (962, 1795), (1042, 1867), (1112, 1939), (1146, 1972), (1150, 1981), (1172, 2008), (1187, 2026), (1353, 2203), (1425, 2260), (1431, 2266),

Gene: NikkiHotWheels_2 Start: 625, Stop: 2373, Start Num: 330
Candidate Starts for NikkiHotWheels_2:
(294, 574), (311, 601), (Start: 330 @625 has 14 MA's), (388, 718), (473, 865), (477, 871), (486, 898), (487, 901), (493, 919), (513, 961), (554, 1039), (566, 1063), (576, 1075), (590, 1114), (598, 1135), (611, 1168), (660, 1261), (732, 1363), (766, 1420), (774, 1435), (873, 1570), (986, 1747), (994, 1762), (1011, 1786), (1135, 1969), (1147, 1996), (1158, 2020), (1165, 2038), (1187, 2068), (1212, 2104), (1232, 2125), (1253, 2152), (1281, 2176), (1289, 2185), (1303, 2203), (1332, 2236), (1372, 2290),

Gene: Niklas_8 Start: 1660, Stop: 3090, Start Num: 247
Candidate Starts for Niklas_8:
(Start: 197 @1618 has 3 MA's), (Start: 230 @1648 has 31 MA's), (Start: 247 @1660 has 171 MA's), (Start: 322 @1750 has 1 MA's), (Start: 336 @1774 has 12 MA's), (342, 1780), (363, 1819), (391, 1858), (402, 1867), (405, 1873), (425, 1915), (444, 1933), (463, 1951), (487, 2002), (517, 2050), (607, 2197), (611, 2206), (742, 2335), (792, 2401), (816, 2443), (820, 2449), (827, 2461), (851, 2491), (870, 2515), (893, 2542), (962, 2611), (993, 2653), (1042, 2683), (1064, 2707), (1112, 2755), (1160, 2818), (1187, 2842), (1235, 2893), (1283, 2932), (1353, 3022), (1389, 3061), (1425, 3079), (1431, 3085),

Gene: Niktson_6 Start: 3734, Stop: 5473, Start Num: 307
Candidate Starts for Niktson_6:
(Start: 307 @3734 has 198 MA's), (367, 3833), (433, 3953), (485, 4052), (502, 4094), (516, 4124), (532, 4154), (556, 4202), (572, 4223), (611, 4325), (644, 4394), (656, 4418), (709, 4508), (750, 4580), (791, 4655), (805, 4679), (872, 4784), (892, 4808), (956, 4889), (1053, 5003), (1071, 5021), (1076, 5027), (1120, 5090), (1123, 5093), (1252, 5282), (1273, 5297), (1290, 5321), (1299, 5333), (1370, 5423), (1372, 5426),

Gene: Nimbo_2 Start: 571, Stop: 2208, Start Num: 155
Candidate Starts for Nimbo_2:
(Start: 155 @571 has 202 MA's), (163, 580), (Start: 176 @595 has 3 MA's), (Start: 247 @652 has 171 MA's), (Start: 250 @655 has 144 MA's), (Start: 318 @718 has 1 MA's), (353, 757), (412, 844), (454, 904), (473, 916), (484, 928), (487, 937), (488, 940), (496, 961), (508, 982), (548, 1054), (575, 1093),

(602, 1162), (604, 1168), (621, 1198), (622, 1201), (627, 1210), (635, 1225), (647, 1243), (680, 1294), (736, 1387), (740, 1396), (862, 1567), (874, 1579), (983, 1663), (1005, 1693), (1007, 1696), (1010, 1699), (1080, 1756), (1097, 1771), (1101, 1777), (1104, 1780), (1113, 1795), (1117, 1804), (1164, 1873), (1190, 1903), (1196, 1912), (1225, 1945), (1250, 1978), (1265, 2005), (1297, 2038), (1325, 2068), (1349, 2089), (1365, 2113), (1372, 2122), (1374, 2125), (1429, 2182),

Gene: Nina_4 Start: 1113, Stop: 2792, Start Num: 170
Candidate Starts for Nina_4:
(Start: 170 @1113 has 103 MA's), (Start: 232 @1164 has 1 MA's), (Start: 249 @1185 has 1 MA's), (304, 1230), (362, 1311), (415, 1377), (424, 1386), (485, 1458), (490, 1473), (509, 1509), (513, 1518), (543, 1569), (595, 1668), (623, 1722), (645, 1758), (735, 1902), (760, 1938), (780, 1977), (798, 2010), (825, 2058), (848, 2091), (866, 2115), (921, 2148), (954, 2181), (981, 2238), (987, 2247), (1076, 2331), (1146, 2418), (1214, 2514), (1282, 2586), (1292, 2598), (1394, 2718), (1454, 2778), (1456, 2781),

Gene: Niobe_2 Start: 534, Stop: 2240, Start Num: 124
Candidate Starts for Niobe_2:
(Start: 124 @534 has 46 MA's), (Start: 232 @621 has 1 MA's), (486, 906), (513, 963), (525, 984), (546, 1011), (595, 1101), (623, 1155), (645, 1200), (693, 1275), (748, 1365), (851, 1488), (881, 1527), (983, 1650), (1146, 1830), (1163, 1863), (1193, 1905), (1209, 1920), (1292, 2055), (1325, 2091), (1372, 2151), (1381, 2163),

Gene: Nishikigoi_6 Start: 2173, Stop: 3822, Start Num: 95
Candidate Starts for Nishikigoi_6:
(Start: 95 @2173 has 98 MA's), (222, 2290), (314, 2371), (Start: 330 @2398 has 14 MA's), (381, 2446), (407, 2479), (415, 2500), (490, 2587), (504, 2614), (515, 2635), (548, 2680), (575, 2722), (603, 2794), (620, 2818), (680, 2917), (701, 2953), (722, 2971), (812, 3091), (813, 3094), (838, 3130), (926, 3211), (997, 3301), (1006, 3313), (1064, 3364), (1113, 3418), (1193, 3538), (1214, 3559), (1234, 3580), (1236, 3583), (1292, 3643), (1372, 3739), (1445, 3817),

Gene: Nithya_17 Start: 10501, Stop: 12246, Start Num: 307
Candidate Starts for Nithya_17:
(Start: 307 @10501 has 198 MA's), (310, 10507), (363, 10594), (367, 10600), (387, 10636), (417, 10690), (420, 10696), (469, 10792), (502, 10867), (556, 10975), (572, 10996), (599, 11065), (644, 11167), (680, 11224), (709, 11281), (722, 11293), (750, 11353), (805, 11452), (808, 11458), (841, 11515), (892, 11581), (1050, 11767), (1053, 11776), (1088, 11818), (1111, 11842), (1120, 11863), (1123, 11866), (1288, 12091), (1290, 12094), (1299, 12106), (1370, 12196), (1372, 12199),

Gene: Nitro_2 Start: 535, Stop: 2241, Start Num: 124
Candidate Starts for Nitro_2:
(Start: 124 @535 has 46 MA's), (214, 601), (Start: 232 @622 has 1 MA's), (486, 907), (513, 964), (546, 1012), (595, 1102), (623, 1156), (645, 1201), (693, 1276), (748, 1366), (881, 1528), (983, 1651), (1146, 1831), (1193, 1906), (1209, 1921), (1292, 2056), (1372, 2152), (1381, 2164),

Gene: Nitzel_3 Start: 1235, Stop: 2872, Start Num: 155
Candidate Starts for Nitzel_3:
(Start: 146 @1232 has 2 MA's), (Start: 155 @1235 has 202 MA's), (Start: 176 @1259 has 3 MA's), (182, 1265), (Start: 204 @1280 has 1 MA's), (Start: 217 @1292 has 1 MA's), (Start: 247 @1316 has 171 MA's), (Start: 250 @1319 has 144 MA's), (Start: 318 @1382 has 1 MA's), (Start: 330 @1400 has 14 MA's), (353, 1421), (412, 1508), (414, 1514), (454, 1568), (473, 1580), (484, 1592), (487, 1601), (488, 1604), (496, 1625), (508, 1646), (516, 1661), (548, 1718), (575, 1757), (602, 1826), (604, 1832), (621, 1862), (622, 1865), (627, 1874), (635, 1889), (647, 1907), (680, 1958), (740, 2060), (862, 2231), (874, 2243), (920, 2261), (983, 2327), (1005, 2357), (1007, 2360), (1010, 2363), (1080, 2420), (1097, 2435), (1101, 2441), (1104, 2444), (1113, 2459), (1117, 2468), (1164, 2537), (1190, 2567), (1196,

2576), (1225, 2609), (1250, 2642), (1265, 2669), (1297, 2702), (1320, 2729), (1325, 2732), (1349, 2753), (1365, 2777), (1372, 2786), (1374, 2789), (1429, 2846),

Gene: Nivinsha_7 Start: 3594, Stop: 5333, Start Num: 307
Candidate Starts for Nivinsha_7:
(Start: 307 @3594 has 198 MA's), (367, 3693), (433, 3813), (485, 3912), (502, 3954), (516, 3984), (532, 4014), (556, 4062), (572, 4083), (611, 4185), (644, 4254), (656, 4278), (709, 4368), (750, 4440), (791, 4515), (805, 4539), (892, 4668), (956, 4749), (1053, 4863), (1071, 4881), (1076, 4887), (1120, 4950), (1123, 4953), (1252, 5142), (1273, 5157), (1276, 5163), (1290, 5181), (1299, 5193), (1370, 5283), (1372, 5286),

Gene: Nivrat_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for Nivrat_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 204 @617 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (261, 674), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (414, 851), (454, 905), (473, 917), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (736, 1388), (740, 1397), (862, 1568), (874, 1580), (920, 1598), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1250, 1979), (1265, 2006), (1297, 2039), (1320, 2066), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: Niza_13 Start: 8083, Stop: 9771, Start Num: 110
Candidate Starts for Niza_13:
(Start: 110 @8083 has 24 MA's), (302, 8254), (Start: 309 @8263 has 15 MA's), (381, 8347), (Start: 403 @8374 has 1 MA's), (408, 8383), (513, 8533), (535, 8566), (581, 8641), (620, 8731), (631, 8755), (647, 8782), (679, 8830), (728, 8899), (774, 8986), (778, 8995), (809, 9046), (1009, 9280), (1021, 9292), (1080, 9334), (1100, 9355), (1117, 9382), (1193, 9490), (1279, 9580), (1365, 9685),

Gene: NoPickles_13 Start: 7213, Stop: 8958, Start Num: 307
Candidate Starts for NoPickles_13:
(Start: 307 @7213 has 198 MA's), (310, 7219), (363, 7306), (367, 7312), (387, 7348), (417, 7402), (556, 7687), (570, 7705), (572, 7708), (599, 7777), (644, 7879), (666, 7915), (680, 7936), (693, 7960), (728, 8017), (750, 8065), (785, 8131), (805, 8164), (808, 8170), (823, 8200), (837, 8221), (892, 8293), (1053, 8488), (1111, 8554), (1120, 8575), (1123, 8578), (1160, 8638), (1244, 8749), (1274, 8785), (1290, 8806), (1299, 8818), (1336, 8866), (1370, 8908), (1372, 8911),

Gene: NoShow_2 Start: 679, Stop: 2346, Start Num: 170
Candidate Starts for NoShow_2:
(Start: 170 @679 has 103 MA's), (Start: 201 @697 has 6 MA's), (241, 742), (Start: 330 @835 has 14 MA's), (362, 871), (490, 1033), (513, 1078), (525, 1099), (543, 1126), (603, 1243), (625, 1279), (675, 1354), (874, 1678), (930, 1714), (954, 1738), (993, 1813), (1076, 1885), (1102, 1915), (1113, 1930), (1136, 1963), (1165, 2011), (1188, 2041), (1214, 2068), (1238, 2095), (1269, 2116), (1346, 2218), (1374, 2257),

Gene: NoSleep_9 Start: 2462, Stop: 4132, Start Num: 394
Candidate Starts for NoSleep_9:
(Start: 394 @2462 has 48 MA's), (427, 2525), (551, 2759), (598, 2861), (693, 3041), (710, 3065), (724, 3083), (732, 3095), (768, 3158), (776, 3170), (808, 3215), (815, 3230), (873, 3308), (911, 3353), (934, 3407), (935, 3413), (1000, 3527), (1104, 3671), (1124, 3707), (1218, 3860), (1232, 3872), (1279, 3929), (1307, 3965), (1346, 4016), (1372, 4052), (1374, 4055), (1438, 4121),

Gene: NoSwimming_4 Start: 2180, Stop: 3946, Start Num: 299
Candidate Starts for NoSwimming_4:
(Start: 299 @2180 has 5 MA's), (373, 2303), (374, 2306), (423, 2381), (436, 2408), (466, 2450), (499, 2519), (516, 2552), (523, 2564), (576, 2660), (641, 2807), (729, 2942), (734, 2948), (782, 3029), (807, 3056), (808, 3059), (1013, 3374), (1037, 3404), (1093, 3482), (1212, 3677), (1225, 3689), (1281, 3764), (1289, 3773), (1303, 3791), (1437, 3935),

Gene: Nobel_3 Start: 1179, Stop: 2639, Start Num: 250
Candidate Starts for Nobel_3:
(Start: 250 @1179 has 144 MA's), (Start: 254 @1185 has 2 MA's), (358, 1347), (363, 1356), (399, 1416), (444, 1485), (465, 1506), (488, 1557), (619, 1761), (755, 1896), (806, 1974), (817, 1989), (829, 2007), (842, 2025), (880, 2067), (911, 2100), (926, 2118), (1015, 2238), (1020, 2241), (1039, 2253), (1047, 2265), (1060, 2277), (1113, 2328), (1160, 2385), (1172, 2391), (1178, 2400), (1187, 2409), (1190, 2412), (1330, 2574), (1337, 2583), (1344, 2592), (1372, 2631),

Gene: Nodigi_5 Start: 1094, Stop: 2791, Start Num: 167
Candidate Starts for Nodigi_5:
(Start: 167 @1094 has 9 MA's), (Start: 232 @1148 has 1 MA's), (Start: 249 @1169 has 1 MA's), (266, 1196), (362, 1307), (425, 1385), (487, 1460), (490, 1469), (513, 1514), (515, 1517), (543, 1565), (550, 1577), (595, 1664), (645, 1754), (701, 1844), (735, 1898), (866, 2111), (879, 2126), (887, 2135), (954, 2177), (987, 2243), (992, 2249), (1025, 2291), (1074, 2324), (1080, 2333), (1165, 2453), (1214, 2510), (1234, 2531), (1269, 2558), (1311, 2618), (1370, 2687), (1372, 2690), (1414, 2735), (1454, 2777), (1456, 2780),

Gene: Noelani_3 Start: 1062, Stop: 2522, Start Num: 250
Candidate Starts for Noelani_3:
(Start: 250 @1062 has 144 MA's), (Start: 254 @1068 has 2 MA's), (358, 1230), (363, 1239), (399, 1299), (444, 1368), (465, 1389), (488, 1440), (619, 1644), (755, 1779), (806, 1857), (817, 1872), (829, 1890), (842, 1908), (880, 1950), (911, 1983), (926, 2001), (1015, 2121), (1020, 2124), (1039, 2136), (1047, 2148), (1060, 2160), (1113, 2211), (1160, 2268), (1172, 2274), (1178, 2283), (1187, 2292), (1190, 2295), (1330, 2457), (1337, 2466), (1344, 2475), (1372, 2514),

Gene: Noella_12 Start: 7044, Stop: 8741, Start Num: 102
Candidate Starts for Noella_12:
(Start: 102 @7044 has 400 MA's), (Start: 124 @7068 has 46 MA's), (381, 7314), (508, 7488), (513, 7500), (538, 7539), (550, 7551), (581, 7608), (593, 7632), (620, 7698), (623, 7707), (675, 7788), (693, 7821), (774, 7953), (780, 7965), (812, 8019), (825, 8040), (848, 8073), (914, 8127), (983, 8214), (999, 8238), (1001, 8241), (1006, 8247), (1015, 8256), (1080, 8304), (1113, 8343), (1115, 8346), (1129, 8364), (1193, 8460), (1241, 8514), (1374, 8667), (1405, 8697), (1435, 8727), (1438, 8730),

Gene: Noelle_11 Start: 6950, Stop: 8647, Start Num: 102
Candidate Starts for Noelle_11:
(Start: 102 @6950 has 400 MA's), (Start: 124 @6974 has 46 MA's), (Start: 204 @7046 has 1 MA's), (381, 7220), (512, 7403), (513, 7406), (538, 7445), (581, 7514), (593, 7538), (620, 7604), (675, 7694), (774, 7859), (803, 7904), (825, 7946), (848, 7979), (953, 8072), (981, 8117), (983, 8120), (999, 8144), (1001, 8147), (1080, 8210), (1113, 8249), (1129, 8270), (1193, 8366), (1405, 8603), (1435, 8633), (1438, 8636),

Gene: NonchalantPear_8 Start: 2214, Stop: 3884, Start Num: 394
Candidate Starts for NonchalantPear_8:
(Start: 394 @2214 has 48 MA's), (427, 2277), (551, 2511), (598, 2613), (693, 2793), (710, 2817), (724, 2835), (732, 2847), (768, 2910), (776, 2922), (808, 2967), (815, 2982), (873, 3060), (911, 3105), (934, 3159), (935, 3165), (1000, 3279), (1037, 3327), (1104, 3423), (1116, 3444), (1124, 3459), (1218,

3612), (1232, 3624), (1279, 3681), (1307, 3717), (1346, 3768), (1372, 3804), (1374, 3807), (1438, 3873),

Gene: Norbert_11 Start: 7044, Stop: 8741, Start Num: 102
Candidate Starts for Norbert_11:
(Start: 102 @7044 has 400 MA's), (Start: 124 @7068 has 46 MA's), (381, 7314), (508, 7488), (513, 7500), (538, 7539), (550, 7551), (581, 7608), (593, 7632), (620, 7698), (623, 7707), (675, 7788), (693, 7821), (774, 7953), (780, 7965), (812, 8019), (825, 8040), (848, 8073), (914, 8127), (983, 8214), (999, 8238), (1001, 8241), (1006, 8247), (1015, 8256), (1080, 8304), (1113, 8343), (1115, 8346), (1129, 8364), (1193, 8460), (1241, 8514), (1374, 8667), (1405, 8697), (1435, 8727), (1438, 8730),

Gene: NormanBulbieJr_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for NormanBulbieJr_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 204 @617 has 1 MA's), (Start: 217 @629 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (454, 905), (473, 917), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (516, 998), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (736, 1388), (740, 1397), (862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1250, 1979), (1265, 2006), (1297, 2039), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: NorthStar_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for NorthStar_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Norvs_31 Start: 8685, Stop: 10433, Start Num: 148
Candidate Starts for Norvs_31:
(Start: 148 @8685 has 26 MA's), (Start: 176 @8715 has 3 MA's), (325, 8844), (457, 9030), (473, 9069), (488, 9093), (512, 9141), (529, 9168), (543, 9198), (645, 9390), (654, 9408), (756, 9570), (787, 9618), (797, 9633), (963, 9816), (966, 9822), (1026, 9906), (1086, 9993), (1115, 10026), (1198, 10140), (1229, 10176), (1250, 10200), (1258, 10215), (1412, 10389), (1418, 10395),

Gene: Norz_13 Start: 7718, Stop: 9406, Start Num: 102
Candidate Starts for Norz_13:
(Start: 102 @7718 has 400 MA's), (381, 7982), (402, 8006), (513, 8168), (535, 8201), (581, 8276), (620, 8366), (631, 8390), (679, 8465), (774, 8621), (809, 8681), (1009, 8915), (1021, 8927), (1080, 8969), (1100, 8990), (1117, 9017), (1193, 9125), (1279, 9215), (1365, 9320),

Gene: NosilaM_27 Start: 12802, Stop: 14526, Start Num: 161
Candidate Starts for NosilaM_27:
(Start: 155 @12796 has 202 MA's), (Start: 161 @12802 has 29 MA's), (Start: 317 @12946 has 15 MA's), (351, 12997), (353, 13003), (372, 13030), (379, 13042), (Start: 403 @13072 has 1 MA's), (414, 13096), (424, 13114), (621, 13507), (635, 13534), (740, 13702), (748, 13714), (768, 13747), (824, 13825), (1034, 14041), (1054, 14071), (1104, 14122), (1136, 14170), (1196, 14245), (1203, 14257), (1237, 14293), (1365, 14431), (1387, 14461),

Gene: NotAPhaseMom_11 Start: 6888, Stop: 8585, Start Num: 102

Candidate Starts for NotAPhaseMom_11:
(Start: 102 @6888 has 400 MA's), (Start: 124 @6912 has 46 MA's), (Start: 251 @7035 has 3 MA's), (350, 7125), (381, 7158), (467, 7257), (512, 7341), (513, 7344), (538, 7383), (581, 7452), (593, 7476), (620, 7542), (675, 7632), (774, 7797), (825, 7884), (848, 7917), (923, 7983), (981, 8055), (983, 8058), (999, 8082), (1064, 8133), (1080, 8148), (1113, 8187), (1129, 8208), (1193, 8304), (1405, 8541), (1435, 8571), (1438, 8574),

Gene: NothingSpecial_14 Start: 9458, Stop: 11239, Start Num: 103
Candidate Starts for NothingSpecial_14:
(Start: 103 @9458 has 236 MA's), (241, 9590), (298, 9689), (512, 9971), (513, 9974), (538, 10013), (581, 10082), (620, 10172), (631, 10196), (693, 10295), (722, 10328), (916, 10628), (983, 10715), (1006, 10748), (1088, 10814), (1129, 10862), (1182, 10946), (1193, 10958), (1405, 11195), (1433, 11222), (1435, 11225),

Gene: November_6 Start: 1241, Stop: 2665, Start Num: 247
Candidate Starts for November_6:
(Start: 165 @1169 has 76 MA's), (199, 1202), (Start: 230 @1229 has 31 MA's), (Start: 247 @1241 has 171 MA's), (Start: 322 @1328 has 1 MA's), (Start: 336 @1352 has 12 MA's), (391, 1436), (402, 1445), (425, 1493), (444, 1511), (463, 1529), (487, 1580), (517, 1628), (532, 1655), (607, 1775), (611, 1784), (613, 1787), (636, 1817), (675, 1865), (792, 1979), (851, 2069), (893, 2120), (911, 2141), (962, 2189), (993, 2231), (1042, 2261), (1064, 2285), (1112, 2333), (1187, 2420), (1353, 2597), (1425, 2654), (1431, 2660),

Gene: NovoPizza_3 Start: 1933, Stop: 3579, Start Num: 102
Candidate Starts for NovoPizza_3:
(70, 1885), (79, 1897), (94, 1924), (Start: 102 @1933 has 400 MA's), (192, 2005), (Start: 208 @2020 has 5 MA's), (Start: 220 @2035 has 6 MA's), (Start: 235 @2053 has 7 MA's), (Start: 297 @2122 has 6 MA's), (342, 2191), (396, 2230), (465, 2320), (483, 2356), (516, 2419), (570, 2497), (650, 2656), (675, 2683), (677, 2686), (680, 2695), (745, 2761), (778, 2812), (919, 2971), (921, 2974), (924, 2977), (959, 3016), (964, 3028), (1002, 3082), (1042, 3112), (1057, 3127), (1071, 3139), (1107, 3169), (1146, 3211), (1149, 3217), (1150, 3220), (1187, 3265), (1191, 3271), (1213, 3298), (1226, 3313), (1290, 3364), (1339, 3421), (1358, 3445), (1371, 3460), (1374, 3463), (1444, 3526), (1462, 3559),

Gene: NovumRegina_24 Start: 12509, Stop: 14236, Start Num: 153
Candidate Starts for NovumRegina_24:
(30, 12275), (Start: 72 @12404 has 7 MA's), (Start: 153 @12509 has 15 MA's), (Start: 317 @12659 has 15 MA's), (351, 12710), (353, 12716), (379, 12755), (Start: 403 @12785 has 1 MA's), (414, 12809), (424, 12827), (437, 12854), (464, 12917), (473, 12935), (621, 13220), (635, 13247), (691, 13331), (740, 13415), (748, 13427), (768, 13460), (824, 13538), (883, 13616), (983, 13688), (1007, 13721), (1054, 13784), (1080, 13811), (1104, 13835), (1117, 13859), (1196, 13958), (1237, 14006), (1365, 14144), (1387, 14174), (1445, 14228),

Gene: Noxious_13 Start: 7751, Stop: 9439, Start Num: 102
Candidate Starts for Noxious_13:
(Start: 102 @7751 has 400 MA's), (Start: 309 @7931 has 15 MA's), (381, 8015), (408, 8051), (424, 8078), (513, 8201), (535, 8234), (581, 8309), (620, 8399), (631, 8423), (647, 8450), (679, 8498), (728, 8567), (767, 8642), (774, 8654), (778, 8663), (809, 8714), (1001, 8939), (1009, 8948), (1021, 8960), (1080, 9002), (1100, 9023), (1117, 9050), (1193, 9158), (1279, 9248), (1365, 9353),

Gene: Nubia_5 Start: 3068, Stop: 4633, Start Num: 165
Candidate Starts for Nubia_5:
(Start: 165 @3068 has 76 MA's), (Start: 309 @3242 has 15 MA's), (Start: 333 @3278 has 4 MA's), (Start: 397 @3332 has 4 MA's), (Start: 403 @3341 has 1 MA's), (418, 3371), (419, 3374), (426, 3389),

(431, 3398), (518, 3524), (593, 3653), (595, 3659), (620, 3719), (650, 3779), (770, 3878), (790, 3908), (803, 3923), (827, 3971), (941, 4091), (983, 4166), (1046, 4235), (1117, 4310), (1133, 4331), (1176, 4352), (1232, 4421), (1328, 4499), (1361, 4538), (1393, 4568), (1404, 4580), (1451, 4619), (1458, 4628),

Gene: Nutello_4 Start: 847, Stop: 2271, Start Num: 247
Candidate Starts for Nutello_4:
(Start: 230 @835 has 31 MA's), (Start: 247 @847 has 171 MA's), (310, 913), (Start: 336 @958 has 12 MA's), (363, 1003), (391, 1042), (402, 1051), (425, 1099), (444, 1117), (463, 1135), (487, 1186), (517, 1234), (532, 1261), (607, 1381), (611, 1390), (637, 1426), (638, 1429), (675, 1471), (686, 1489), (792, 1585), (816, 1627), (820, 1633), (827, 1645), (851, 1675), (856, 1681), (870, 1699), (893, 1726), (962, 1795), (1042, 1867), (1112, 1939), (1146, 1972), (1150, 1981), (1172, 2008), (1187, 2026), (1353, 2203), (1425, 2260), (1431, 2266),

Gene: Nyilah_2 Start: 689, Stop: 2329, Start Num: 253
Candidate Starts for Nyilah_2:
(Start: 171 @596 has 16 MA's), (Start: 253 @689 has 2 MA's), (Start: 256 @692 has 6 MA's), (Start: 330 @782 has 14 MA's), (346, 806), (364, 842), (377, 845), (473, 1013), (484, 1037), (513, 1100), (571, 1187), (615, 1277), (631, 1310), (636, 1319), (650, 1340), (677, 1376), (761, 1511), (765, 1517), (767, 1523), (808, 1556), (854, 1625), (987, 1739), (1113, 1880), (1115, 1883), (1150, 1943), (1165, 1979), (1194, 2027), (1221, 2060), (1241, 2093), (1365, 2234), (1397, 2276), (1422, 2303),

Gene: Nymphadora_2 Start: 498, Stop: 2222, Start Num: 305
Candidate Starts for Nymphadora_2:
(Start: 295 @483 has 6 MA's), (Start: 305 @498 has 33 MA's), (373, 588), (499, 804), (510, 828), (513, 834), (526, 858), (555, 915), (590, 987), (696, 1185), (728, 1227), (732, 1233), (782, 1317), (807, 1344), (885, 1455), (908, 1482), (1013, 1659), (1191, 1932), (1194, 1935), (1197, 1941), (1212, 1962), (1245, 2001), (1281, 2049), (1289, 2058), (1307, 2082), (1332, 2100), (1374, 2157), (1439, 2214),

Gene: Nyxis_11 Start: 6830, Stop: 8527, Start Num: 102
Candidate Starts for Nyxis_11:
(26, 6644), (28, 6653), (34, 6671), (38, 6701), (Start: 102 @6830 has 400 MA's), (Start: 124 @6854 has 46 MA's), (Start: 251 @6977 has 3 MA's), (350, 7067), (381, 7100), (467, 7199), (512, 7283), (513, 7286), (538, 7325), (581, 7394), (593, 7418), (620, 7484), (675, 7574), (774, 7739), (825, 7826), (848, 7859), (923, 7925), (981, 7997), (983, 8000), (999, 8024), (1064, 8075), (1080, 8090), (1113, 8129), (1129, 8150), (1193, 8246), (1405, 8483), (1435, 8513), (1438, 8516),

Gene: OBUpride_5 Start: 1855, Stop: 3489, Start Num: 102
Candidate Starts for OBUpride_5:
(Start: 102 @1855 has 400 MA's), (Start: 153 @1894 has 15 MA's), (Start: 208 @1942 has 5 MA's), (342, 2113), (396, 2152), (512, 2332), (516, 2341), (522, 2350), (566, 2413), (570, 2419), (605, 2503), (606, 2506), (607, 2509), (675, 2605), (677, 2608), (680, 2617), (745, 2683), (766, 2713), (785, 2740), (807, 2773), (820, 2794), (822, 2797), (919, 2893), (946, 2914), (1002, 3004), (1051, 3046), (1074, 3064), (1078, 3070), (1146, 3133), (1149, 3139), (1150, 3142), (1187, 3187), (1191, 3193), (1213, 3220), (1226, 3235), (1290, 3286), (1297, 3295), (1309, 3310), (1317, 3313), (1346, 3352), (1358, 3367), (1371, 3382), (1374, 3385), (1460, 3463), (1462, 3469),

Gene: OKCentral2016_11 Start: 6407, Stop: 8080, Start Num: 102
Candidate Starts for OKCentral2016_11:
(Start: 102 @6407 has 400 MA's), (Start: 251 @6536 has 3 MA's), (Start: 318 @6602 has 1 MA's), (381, 6668), (412, 6713), (467, 6767), (490, 6809), (513, 6854), (538, 6893), (575, 6941), (581, 6962), (593, 6986), (620, 7037), (693, 7160), (735, 7229), (782, 7307), (816, 7367), (848, 7412), (923, 7478), (981, 7550), (983, 7553), (999, 7577), (1080, 7643), (1113, 7682), (1115, 7685), (1129, 7703), (1193,

7799), (1250, 7868), (1405, 8036), (1435, 8066), (1438, 8069),

Gene: OKaNui_11 Start: 6649, Stop: 8346, Start Num: 102
Candidate Starts for OKaNui_11:
(Start: 102 @6649 has 400 MA's), (Start: 124 @6673 has 46 MA's), (Start: 251 @6796 has 3 MA's), (350, 6886), (381, 6919), (467, 7018), (512, 7102), (513, 7105), (538, 7144), (581, 7213), (593, 7237), (620, 7303), (675, 7393), (774, 7558), (825, 7645), (848, 7678), (923, 7744), (981, 7816), (983, 7819), (999, 7843), (1080, 7909), (1113, 7948), (1129, 7969), (1193, 8065), (1402, 8299), (1405, 8302), (1435, 8332), (1438, 8335),

Gene: OMalley_2 Start: 429, Stop: 1994, Start Num: 165
Candidate Starts for OMalley_2:
(Start: 165 @429 has 76 MA's), (Start: 307 @600 has 198 MA's), (Start: 397 @693 has 4 MA's), (431, 759), (463, 783), (488, 837), (569, 966), (620, 1080), (650, 1140), (672, 1170), (790, 1269), (803, 1284), (852, 1365), (941, 1452), (983, 1527), (985, 1530), (1009, 1560), (1100, 1644), (1133, 1692), (1177, 1716), (1283, 1806), (1328, 1860), (1404, 1941), (1451, 1980),

Gene: Oaklynn_3 Start: 1074, Stop: 2534, Start Num: 250
Candidate Starts for Oaklynn_3:
(Start: 250 @1074 has 144 MA's), (Start: 254 @1080 has 2 MA's), (358, 1242), (363, 1251), (399, 1311), (444, 1380), (465, 1401), (488, 1452), (619, 1656), (755, 1791), (806, 1869), (817, 1884), (842, 1920), (880, 1962), (911, 1995), (926, 2013), (1015, 2133), (1020, 2136), (1039, 2148), (1113, 2223), (1172, 2286), (1187, 2304), (1190, 2307), (1330, 2469), (1337, 2478), (1344, 2487), (1372, 2526),

Gene: Obama12_11 Start: 6863, Stop: 8560, Start Num: 102
Candidate Starts for Obama12_11:
(Start: 102 @6863 has 400 MA's), (Start: 124 @6887 has 46 MA's), (Start: 251 @7010 has 3 MA's), (350, 7100), (381, 7133), (512, 7316), (513, 7319), (538, 7358), (581, 7427), (593, 7451), (620, 7517), (675, 7607), (774, 7772), (825, 7859), (848, 7892), (923, 7958), (981, 8030), (999, 8057), (1064, 8108), (1080, 8123), (1113, 8162), (1129, 8183), (1193, 8279), (1405, 8516), (1435, 8546), (1438, 8549),

Gene: ObiToo_2 Start: 546, Stop: 2252, Start Num: 124
Candidate Starts for ObiToo_2:
(11, 243), (Start: 124 @546 has 46 MA's), (214, 612), (486, 918), (513, 975), (546, 1023), (595, 1113), (623, 1167), (645, 1212), (693, 1287), (881, 1539), (1146, 1842), (1165, 1881), (1193, 1917), (1209, 1932), (1292, 2067), (1372, 2163), (1381, 2175),

Gene: Obliviate_2 Start: 360, Stop: 1928, Start Num: 173
Candidate Starts for Obliviate_2:
(65, 255), (Start: 173 @360 has 36 MA's), (259, 444), (289, 477), (Start: 318 @519 has 1 MA's), (Start: 333 @537 has 4 MA's), (342, 552), (384, 573), (399, 594), (419, 633), (465, 693), (483, 729), (487, 741), (515, 786), (520, 795), (539, 822), (588, 891), (593, 900), (648, 1005), (661, 1020), (675, 1035), (745, 1113), (778, 1164), (919, 1320), (956, 1359), (973, 1398), (1002, 1431), (1015, 1443), (1071, 1488), (1074, 1491), (1078, 1497), (1107, 1518), (1112, 1527), (1113, 1530), (1146, 1560), (1174, 1599), (1278, 1701), (1317, 1743), (1326, 1758), (1346, 1779), (1358, 1794), (1449, 1890), (1459, 1902), (1463, 1911),

Gene: Ochi17_2 Start: 581, Stop: 2218, Start Num: 155
Candidate Starts for Ochi17_2:
(Start: 146 @578 has 2 MA's), (Start: 155 @581 has 202 MA's), (Start: 176 @605 has 3 MA's), (Start: 217 @638 has 1 MA's), (Start: 247 @662 has 171 MA's), (Start: 250 @665 has 144 MA's), (Start: 318 @728 has 1 MA's), (353, 767), (412, 854), (414, 860), (454, 914), (484, 938), (487, 947), (488, 950), (496, 971), (508, 992), (548, 1064), (575, 1103), (602, 1172), (604, 1178), (621, 1208), (622, 1211),

(627, 1220), (635, 1235), (647, 1253), (680, 1304), (736, 1397), (740, 1406), (862, 1577), (874, 1589), (983, 1673), (1005, 1703), (1007, 1706), (1010, 1709), (1080, 1766), (1097, 1781), (1101, 1787), (1104, 1790), (1113, 1805), (1117, 1814), (1164, 1883), (1190, 1913), (1196, 1922), (1225, 1955), (1250, 1988), (1265, 2015), (1297, 2048), (1315, 2069), (1320, 2075), (1325, 2078), (1349, 2099), (1365, 2123), (1372, 2132), (1374, 2135), (1429, 2192),

Gene: OctaviousRex_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for OctaviousRex_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Octobien14_13 Start: 6018, Stop: 7493, Start Num: 230
Candidate Starts for Octobien14_13:
(Start: 230 @6018 has 31 MA's), (342, 6165), (396, 6204), (405, 6216), (485, 6339), (566, 6480), (568, 6483), (595, 6540), (611, 6582), (618, 6594), (637, 6618), (651, 6642), (675, 6657), (677, 6660), (690, 6684), (809, 6828), (813, 6837), (827, 6858), (876, 6906), (953, 6981), (956, 6987), (977, 7032), (997, 7056), (1009, 7065), (1027, 7083), (1047, 7101), (1142, 7182), (1150, 7194), (1174, 7224), (1178, 7230), (1278, 7320), (1293, 7338), (1387, 7437), (1403, 7455), (1431, 7485),

Gene: Octopus_3 Start: 1074, Stop: 2534, Start Num: 250
Candidate Starts for Octopus_3:
(Start: 250 @1074 has 144 MA's), (Start: 254 @1080 has 2 MA's), (358, 1242), (363, 1251), (399, 1311), (444, 1380), (465, 1401), (488, 1452), (619, 1656), (806, 1869), (817, 1884), (842, 1920), (880, 1962), (911, 1995), (926, 2013), (1015, 2133), (1020, 2136), (1039, 2148), (1113, 2223), (1172, 2286), (1187, 2304), (1190, 2307), (1330, 2469), (1337, 2478), (1344, 2487), (1372, 2526),

Gene: Odesza_13 Start: 7213, Stop: 8958, Start Num: 307
Candidate Starts for Odesza_13:
(Start: 307 @7213 has 198 MA's), (310, 7219), (363, 7306), (367, 7312), (387, 7348), (417, 7402), (556, 7687), (570, 7705), (572, 7708), (599, 7777), (644, 7879), (666, 7915), (680, 7936), (693, 7960), (728, 8017), (750, 8065), (785, 8131), (805, 8164), (808, 8170), (823, 8200), (837, 8221), (892, 8293), (1053, 8488), (1111, 8554), (1120, 8575), (1123, 8578), (1160, 8638), (1244, 8749), (1274, 8785), (1290, 8806), (1299, 8818), (1336, 8866), (1370, 8908), (1372, 8911),

Gene: OdetoJoy_3 Start: 1155, Stop: 2615, Start Num: 250
Candidate Starts for OdetoJoy_3:
(Start: 250 @1155 has 144 MA's), (Start: 254 @1161 has 2 MA's), (358, 1323), (363, 1332), (399, 1392), (444, 1461), (465, 1482), (488, 1533), (619, 1737), (755, 1872), (806, 1950), (817, 1965), (842, 2001), (880, 2043), (911, 2076), (926, 2094), (1015, 2214), (1020, 2217), (1039, 2229), (1113, 2304), (1172, 2367), (1187, 2385), (1190, 2388), (1330, 2550), (1337, 2559), (1344, 2568),

Gene: Odin_11 Start: 6300, Stop: 8084, Start Num: 103
Candidate Starts for Odin_11:
(Start: 103 @6300 has 236 MA's), (298, 6531), (362, 6618), (490, 6771), (512, 6813), (513, 6816), (581, 6927), (593, 6951), (594, 6954), (620, 7017), (631, 7041), (722, 7173), (778, 7281), (1113, 7686), (1129, 7707), (1182, 7791), (1193, 7803), (1295, 7911), (1405, 8040), (1433, 8067), (1435, 8070),

Gene: OfUltron_2 Start: 605, Stop: 2218, Start Num: 176
Candidate Starts for OfUltron_2:

(Start: 146 @578 has 2 MA's), (Start: 155 @581 has 202 MA's), (Start: 176 @605 has 3 MA's), (Start: 217 @638 has 1 MA's), (Start: 247 @662 has 171 MA's), (Start: 250 @665 has 144 MA's), (Start: 318 @728 has 1 MA's), (353, 767), (412, 854), (414, 860), (454, 914), (484, 938), (487, 947), (488, 950), (496, 971), (508, 992), (548, 1064), (575, 1103), (602, 1172), (604, 1178), (621, 1208), (622, 1211), (627, 1220), (635, 1235), (647, 1253), (680, 1304), (736, 1397), (740, 1406), (862, 1577), (874, 1589), (983, 1673), (1005, 1703), (1007, 1706), (1010, 1709), (1080, 1766), (1097, 1781), (1101, 1787), (1104, 1790), (1113, 1805), (1117, 1814), (1164, 1883), (1190, 1913), (1196, 1922), (1225, 1955), (1250, 1988), (1265, 2015), (1297, 2048), (1315, 2069), (1320, 2075), (1325, 2078), (1349, 2099), (1365, 2123), (1372, 2132), (1374, 2135), (1429, 2192),

Gene: OhMyWard_17 Start: 10313, Stop: 12058, Start Num: 307
Candidate Starts for OhMyWard_17:
(Start: 307 @10313 has 198 MA's), (310, 10319), (363, 10406), (367, 10412), (387, 10448), (417, 10502), (435, 10535), (493, 10661), (556, 10787), (570, 10805), (572, 10808), (599, 10877), (644, 10979), (722, 11105), (750, 11165), (805, 11264), (808, 11270), (823, 11300), (841, 11327), (892, 11393), (956, 11474), (987, 11531), (1022, 11552), (1053, 11588), (1088, 11630), (1111, 11654), (1120, 11675), (1123, 11678), (1290, 11906), (1299, 11918), (1315, 11936), (1370, 12008), (1372, 12011),

Gene: OhShagHennessy_4 Start: 1031, Stop: 2608, Start Num: 142
Candidate Starts for OhShagHennessy_4:
(Start: 138 @1025 has 120 MA's), (Start: 142 @1031 has 6 MA's), (293, 1202), (361, 1289), (396, 1307), (402, 1313), (419, 1349), (513, 1487), (515, 1490), (566, 1565), (593, 1622), (594, 1625), (710, 1793), (762, 1847), (766, 1856), (776, 1871), (791, 1892), (813, 1931), (827, 1952), (832, 1958), (855, 1985), (900, 2027), (942, 2051), (954, 2069), (959, 2078), (962, 2084), (977, 2117), (1009, 2150), (1050, 2189), (1057, 2195), (1060, 2198), (1116, 2243), (1172, 2309), (1213, 2360), (1234, 2384), (1263, 2399), (1266, 2402), (1373, 2504), (1394, 2531), (1448, 2582), (1450, 2585),

Gene: Ohfah_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Ohfah_11:
(28, 6707), (34, 6725), (38, 6755), (Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Ohgeesy_2 Start: 318, Stop: 1901, Start Num: 151
Candidate Starts for Ohgeesy_2:
(Start: 151 @318 has 55 MA's), (259, 426), (Start: 318 @504 has 1 MA's), (342, 537), (421, 621), (425, 630), (491, 726), (566, 816), (607, 912), (620, 936), (648, 978), (723, 1071), (778, 1137), (808, 1179), (882, 1257), (904, 1281), (919, 1293), (946, 1314), (959, 1338), (962, 1344), (971, 1365), (1057, 1458), (1109, 1500), (1112, 1506), (1146, 1539), (1187, 1593), (1216, 1629), (1280, 1680), (1334, 1743), (1408, 1827), (1443, 1857),

Gene: Ohno789_10 Start: 6399, Stop: 8087, Start Num: 102
Candidate Starts for Ohno789_10:
(Start: 102 @6399 has 400 MA's), (Start: 309 @6579 has 15 MA's), (381, 6663), (408, 6699), (424, 6726), (513, 6849), (581, 6957), (620, 7047), (631, 7071), (647, 7098), (679, 7146), (728, 7215), (767, 7290), (774, 7302), (809, 7362), (1001, 7587), (1009, 7596), (1021, 7608), (1080, 7650), (1100, 7671), (1117, 7698), (1193, 7806), (1279, 7896), (1315, 7938), (1402, 8040),

Gene: Okabe_4 Start: 1235, Stop: 2872, Start Num: 155
Candidate Starts for Okabe_4:

(Start: 146 @1232 has 2 MA's), (Start: 155 @1235 has 202 MA's), (Start: 176 @1259 has 3 MA's), (182, 1265), (Start: 204 @1280 has 1 MA's), (Start: 217 @1292 has 1 MA's), (Start: 247 @1316 has 171 MA's), (Start: 250 @1319 has 144 MA's), (Start: 318 @1382 has 1 MA's), (Start: 330 @1400 has 14 MA's), (353, 1421), (412, 1508), (414, 1514), (454, 1568), (473, 1580), (484, 1592), (487, 1601), (488, 1604), (496, 1625), (508, 1646), (516, 1661), (548, 1718), (575, 1757), (602, 1826), (604, 1832), (621, 1862), (622, 1865), (627, 1874), (635, 1889), (647, 1907), (680, 1958), (740, 2060), (862, 2231), (874, 2243), (920, 2261), (983, 2327), (1005, 2357), (1007, 2360), (1010, 2363), (1080, 2420), (1097, 2435), (1101, 2441), (1104, 2444), (1113, 2459), (1117, 2468), (1164, 2537), (1190, 2567), (1196, 2576), (1225, 2609), (1250, 2642), (1265, 2669), (1297, 2702), (1320, 2729), (1325, 2732), (1349, 2753), (1365, 2777), (1372, 2786), (1374, 2789), (1429, 2846),

Gene: OkiRoe_6 Start: 1327, Stop: 2754, Start Num: 262
Candidate Starts for OkiRoe_6:
(156, 1234), (Start: 262 @1327 has 67 MA's), (310, 1384), (Start: 322 @1405 has 1 MA's), (Start: 336 @1429 has 12 MA's), (391, 1513), (402, 1522), (405, 1528), (425, 1570), (444, 1588), (463, 1606), (487, 1657), (532, 1732), (591, 1810), (607, 1852), (611, 1861), (613, 1864), (675, 1942), (792, 2056), (820, 2104), (851, 2146), (870, 2170), (880, 2182), (903, 2209), (956, 2254), (962, 2266), (1107, 2413), (1142, 2452), (1187, 2509), (1208, 2533), (1235, 2557), (1263, 2581), (1348, 2680), (1353, 2686), (1425, 2743),

Gene: OlanP_13 Start: 7209, Stop: 8909, Start Num: 105
Candidate Starts for OlanP_13:
(Start: 105 @7209 has 85 MA's), (Start: 145 @7257 has 1 MA's), (Start: 232 @7329 has 1 MA's), (302, 7392), (513, 7671), (620, 7869), (675, 7959), (718, 8022), (809, 8184), (983, 8382), (999, 8406), (1001, 8409), (1080, 8472), (1088, 8484), (1100, 8493), (1113, 8511), (1129, 8532), (1193, 8628), (1241, 8682), (1279, 8718), (1405, 8865), (1435, 8895), (1438, 8898),

Gene: OldBen_2 Start: 571, Stop: 2208, Start Num: 155
Candidate Starts for OldBen_2:
(Start: 155 @571 has 202 MA's), (163, 580), (Start: 176 @595 has 3 MA's), (Start: 247 @652 has 171 MA's), (Start: 250 @655 has 144 MA's), (Start: 318 @718 has 1 MA's), (353, 757), (412, 844), (454, 904), (473, 916), (484, 928), (487, 937), (488, 940), (496, 961), (508, 982), (548, 1054), (575, 1093), (602, 1162), (604, 1168), (621, 1198), (622, 1201), (627, 1210), (635, 1225), (647, 1243), (680, 1294), (736, 1387), (740, 1396), (862, 1567), (874, 1579), (983, 1663), (1005, 1693), (1007, 1696), (1010, 1699), (1080, 1756), (1097, 1771), (1101, 1777), (1104, 1780), (1113, 1795), (1117, 1804), (1164, 1873), (1190, 1903), (1196, 1912), (1225, 1945), (1250, 1978), (1265, 2005), (1297, 2038), (1325, 2068), (1349, 2089), (1365, 2113), (1372, 2122), (1374, 2125), (1429, 2182),

Gene: Olga_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for Olga_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: OlgasClover_17 Start: 10502, Stop: 12247, Start Num: 307
Candidate Starts for OlgasClover_17:
(Start: 307 @10502 has 198 MA's), (310, 10508), (363, 10595), (367, 10601), (387, 10637), (417, 10691), (502, 10868), (523, 10910), (556, 10976), (572, 10997), (599, 11066), (644, 11168), (680, 11225), (709, 11282), (722, 11294), (750, 11354), (805, 11453), (808, 11459), (841, 11516), (892, 11582), (1050, 11768), (1053, 11777), (1111, 11843), (1120, 11864), (1123, 11867), (1249, 12047),

(1288, 12092), (1290, 12095), (1299, 12107), (1370, 12197), (1372, 12200),

Gene: Oliynyk_7 Start: 2562, Stop: 4208, Start Num: 95
Candidate Starts for Oliynyk_7:
(Start: 95 @2562 has 98 MA's), (Start: 113 @2580 has 11 MA's), (Start: 330 @2784 has 14 MA's), (407, 2865), (504, 3000), (515, 3021), (548, 3066), (575, 3108), (603, 3180), (620, 3204), (675, 3291), (680, 3303), (722, 3357), (803, 3456), (838, 3516), (992, 3678), (997, 3687), (1088, 3777), (1116, 3810), (1164, 3882), (1165, 3885), (1193, 3924), (1214, 3945), (1219, 3951), (1236, 3969), (1325, 4065), (1372, 4125),

Gene: Ollie_13 Start: 6828, Stop: 8528, Start Num: 105
Candidate Starts for Ollie_13:
(Start: 105 @6828 has 85 MA's), (Start: 145 @6876 has 1 MA's), (302, 7011), (467, 7203), (513, 7290), (620, 7488), (675, 7578), (718, 7641), (809, 7803), (983, 8001), (999, 8025), (1001, 8028), (1080, 8091), (1100, 8112), (1129, 8151), (1193, 8247), (1241, 8301), (1279, 8337), (1405, 8484), (1435, 8514), (1438, 8517),

Gene: Olliecat_3 Start: 953, Stop: 2530, Start Num: 225
Candidate Starts for Olliecat_3:
(Start: 225 @953 has 84 MA's), (Start: 247 @980 has 171 MA's), (314, 1070), (339, 1109), (399, 1154), (431, 1217), (459, 1232), (488, 1295), (594, 1451), (620, 1514), (648, 1571), (650, 1574), (662, 1592), (675, 1607), (827, 1829), (888, 1892), (908, 1916), (954, 1967), (956, 1970), (961, 1979), (973, 2003), (1015, 2057), (1046, 2087), (1100, 2135), (1232, 2273), (1290, 2345), (1364, 2432), (1378, 2450), (1457, 2522),

Gene: OlympiaSaint_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for OlympiaSaint_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 204 @617 has 1 MA's), (Start: 217 @629 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (454, 905), (473, 917), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (516, 998), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (736, 1388), (740, 1397), (862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1250, 1979), (1265, 2006), (1297, 2039), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: OlympicHelado_8 Start: 3146, Stop: 4891, Start Num: 307
Candidate Starts for OlympicHelado_8:
(Start: 307 @3146 has 198 MA's), (342, 3200), (345, 3203), (363, 3239), (367, 3245), (488, 3479), (535, 3578), (556, 3620), (572, 3641), (589, 3683), (594, 3695), (637, 3794), (644, 3812), (727, 3944), (791, 4073), (805, 4097), (808, 4103), (892, 4226), (950, 4295), (1050, 4412), (1052, 4418), (1071, 4439), (1120, 4508), (1123, 4511), (1156, 4562), (1223, 4649), (1273, 4715), (1290, 4739), (1299, 4751), (1315, 4769), (1370, 4841), (1372, 4844),

Gene: Omar_7 Start: 2403, Stop: 4052, Start Num: 95
Candidate Starts for Omar_7:
(Start: 95 @2403 has 98 MA's), (Start: 113 @2424 has 11 MA's), (Start: 207 @2502 has 6 MA's), (Start: 330 @2628 has 14 MA's), (362, 2664), (381, 2676), (407, 2709), (485, 2802), (490, 2817), (504, 2844), (515, 2865), (548, 2910), (575, 2952), (603, 3024), (620, 3048), (680, 3147), (704, 3186), (722, 3201), (751, 3261), (803, 3300), (812, 3321), (813, 3324), (838, 3360), (992, 3522), (997, 3531), (1006, 3543), (1015, 3552), (1088, 3621), (1113, 3648), (1165, 3729), (1193, 3768), (1214, 3789), (1236, 3813), (1292, 3873), (1372, 3969), (1399, 3996), (1445, 4047),

Gene: OmniCritical_9 Start: 2570, Stop: 3910, Start Num: 336
Candidate Starts for OmniCritical_9:
(Start: 247 @2465 has 171 MA's), (Start: 336 @2570 has 12 MA's), (391, 2654), (402, 2663), (419, 2699), (425, 2711), (434, 2726), (463, 2753), (487, 2804), (493, 2822), (517, 2852), (532, 2879), (591, 2957), (607, 2999), (611, 3008), (613, 3011), (675, 3089), (679, 3098), (742, 3137), (792, 3203), (820, 3251), (851, 3293), (962, 3410), (992, 3452), (1042, 3497), (1111, 3566), (1150, 3611), (1160, 3632), (1187, 3656), (1353, 3833), (1425, 3899), (1431, 3905),

Gene: Omnicron_6 Start: 1387, Stop: 2814, Start Num: 262
Candidate Starts for Omnicron_6:
(Start: 230 @1366 has 31 MA's), (Start: 262 @1387 has 67 MA's), (310, 1444), (Start: 322 @1465 has 1 MA's), (Start: 336 @1489 has 12 MA's), (391, 1573), (402, 1582), (425, 1630), (444, 1648), (463, 1666), (487, 1717), (492, 1732), (532, 1792), (591, 1870), (607, 1912), (611, 1921), (613, 1924), (640, 1963), (675, 2002), (792, 2116), (809, 2146), (820, 2164), (851, 2206), (880, 2242), (903, 2269), (962, 2326), (1042, 2410), (1142, 2512), (1150, 2524), (1187, 2569), (1208, 2593), (1235, 2617), (1353, 2746), (1425, 2803),

Gene: OneDirection_2 Start: 438, Stop: 1937, Start Num: 238
Candidate Starts for OneDirection_2:
(Start: 225 @423 has 84 MA's), (Start: 230 @429 has 31 MA's), (Start: 238 @438 has 22 MA's), (Start: 284 @474 has 1 MA's), (Start: 299 @498 has 5 MA's), (316, 525), (Start: 322 @537 has 1 MA's), (331, 549), (Start: 397 @651 has 4 MA's), (399, 654), (411, 675), (463, 741), (465, 744), (487, 792), (490, 801), (491, 804), (568, 912), (583, 948), (594, 969), (611, 1014), (613, 1017), (637, 1059), (641, 1068), (744, 1155), (784, 1206), (813, 1257), (820, 1266), (822, 1269), (848, 1308), (851, 1311), (877, 1341), (953, 1401), (959, 1413), (962, 1419), (1018, 1491), (1023, 1494), (1105, 1566), (1126, 1593), (1129, 1596), (1174, 1659), (1181, 1668), (1235, 1731), (1262, 1755), (1276, 1767), (1278, 1770), (1339, 1836), (1345, 1845), (1348, 1848), (1353, 1854), (1359, 1860), (1428, 1926),

Gene: OneUp_24 Start: 6501, Stop: 8249, Start Num: 148
Candidate Starts for OneUp_24:
(Start: 148 @6501 has 26 MA's), (Start: 176 @6531 has 3 MA's), (Start: 299 @6621 has 5 MA's), (325, 6660), (473, 6885), (485, 6900), (488, 6909), (512, 6957), (529, 6984), (645, 7206), (654, 7224), (746, 7374), (787, 7434), (789, 7437), (797, 7449), (1006, 7698), (1080, 7800), (1086, 7809), (1088, 7812), (1113, 7839), (1115, 7842), (1198, 7956), (1229, 7992), (1250, 8016), (1412, 8205), (1418, 8211),

Gene: Onestar_7 Start: 3639, Stop: 5387, Start Num: 307
Candidate Starts for Onestar_7:
(Start: 307 @3639 has 198 MA's), (363, 3732), (367, 3738), (401, 3795), (433, 3858), (462, 3915), (516, 4035), (556, 4113), (572, 4134), (611, 4236), (644, 4305), (656, 4329), (709, 4419), (750, 4491), (805, 4590), (872, 4695), (892, 4719), (956, 4803), (1053, 4917), (1071, 4935), (1120, 5004), (1123, 5007), (1156, 5058), (1190, 5100), (1223, 5145), (1290, 5235), (1299, 5247), (1315, 5265), (1370, 5337), (1372, 5340),

Gene: Onglai_12 Start: 6490, Stop: 8262, Start Num: 117
Candidate Starts for Onglai_12:
(Start: 103 @6475 has 236 MA's), (Start: 117 @6490 has 10 MA's), (Start: 121 @6496 has 5 MA's), (241, 6607), (298, 6706), (424, 6868), (487, 6940), (513, 6994), (538, 7033), (581, 7105), (620, 7195), (631, 7219), (704, 7336), (722, 7351), (778, 7459), (823, 7534), (898, 7630), (992, 7750), (1006, 7771), (1064, 7810), (1113, 7864), (1115, 7867), (1129, 7885), (1163, 7939), (1182, 7969), (1193, 7981), (1279, 8071), (1295, 8089), (1405, 8218), (1433, 8245), (1435, 8248),

Gene: Oofda_14 Start: 6657, Stop: 8354, Start Num: 103

Candidate Starts for Oofda_14:
(Start: 103 @6657 has 236 MA's), (120, 6675), (302, 6837), (424, 6993), (487, 7062), (513, 7116), (581, 7224), (594, 7251), (620, 7314), (631, 7338), (999, 7854), (1080, 7917), (1115, 7959), (1193, 8073), (1292, 8178), (1405, 8310), (1433, 8337), (1435, 8340), (1438, 8343),

Gene: Oogway_10 Start: 6991, Stop: 8679, Start Num: 102
Candidate Starts for Oogway_10:
(Start: 102 @6991 has 400 MA's), (Start: 309 @7171 has 15 MA's), (381, 7255), (408, 7291), (424, 7318), (513, 7441), (535, 7474), (581, 7549), (620, 7639), (631, 7663), (679, 7738), (728, 7807), (767, 7882), (774, 7894), (809, 7954), (1001, 8179), (1009, 8188), (1021, 8200), (1080, 8242), (1100, 8263), (1117, 8290), (1193, 8398), (1279, 8488), (1365, 8593),

Gene: Opie_2 Start: 520, Stop: 2169, Start Num: 137
Candidate Starts for Opie_2:
(Start: 137 @520 has 4 MA's), (Start: 170 @550 has 103 MA's), (Start: 190 @571 has 1 MA's), (Start: 318 @721 has 1 MA's), (342, 754), (487, 931), (490, 940), (558, 1054), (620, 1189), (723, 1324), (734, 1339), (778, 1390), (808, 1432), (912, 1546), (939, 1564), (943, 1567), (1055, 1711), (1063, 1720), (1172, 1831), (1187, 1849), (1263, 1921), (1297, 1957), (1349, 2011), (1398, 2071), (1451, 2122),

Gene: Oppalora_2 Start: 370, Stop: 1992, Start Num: 193
Candidate Starts for Oppalora_2:
(Start: 171 @349 has 16 MA's), (Start: 193 @370 has 21 MA's), (Start: 397 @601 has 4 MA's), (399, 604), (405, 613), (422, 649), (431, 667), (488, 745), (569, 850), (620, 964), (631, 988), (650, 1024), (665, 1045), (677, 1060), (713, 1120), (774, 1204), (954, 1420), (961, 1432), (975, 1459), (1003, 1498), (1009, 1504), (1048, 1543), (1080, 1570), (1096, 1582), (1117, 1615), (1126, 1627), (1151, 1660), (1305, 1831), (1364, 1900), (1369, 1906), (1385, 1927), (1403, 1948), (1447, 1978), (1449, 1981), (1451, 1984),

Gene: Orange_12 Start: 8024, Stop: 9787, Start Num: 103
Candidate Starts for Orange_12:
(Start: 103 @8024 has 236 MA's), (Start: 121 @8045 has 5 MA's), (Start: 217 @8132 has 1 MA's), (298, 8261), (314, 8285), (362, 8348), (487, 8492), (512, 8543), (513, 8546), (581, 8657), (593, 8681), (594, 8684), (620, 8747), (623, 8756), (631, 8771), (704, 8888), (722, 8903), (751, 8963), (803, 9047), (992, 9275), (999, 9287), (1064, 9335), (1080, 9350), (1113, 9389), (1129, 9410), (1155, 9449), (1182, 9494), (1193, 9506), (1405, 9743), (1433, 9770),

Gene: Orcanus_3 Start: 751, Stop: 2331, Start Num: 238
Candidate Starts for Orcanus_3:
(Start: 171 @685 has 16 MA's), (Start: 238 @751 has 22 MA's), (Start: 309 @847 has 15 MA's), (314, 856), (Start: 318 @865 has 1 MA's), (334, 886), (374, 910), (Start: 397 @937 has 4 MA's), (405, 949), (422, 985), (431, 1003), (463, 1027), (474, 1048), (569, 1186), (598, 1249), (620, 1300), (628, 1318), (650, 1360), (665, 1381), (700, 1441), (720, 1471), (731, 1480), (774, 1543), (961, 1771), (983, 1810), (1003, 1837), (1020, 1852), (1048, 1882), (1096, 1921), (1151, 1999), (1176, 2029), (1200, 2056), (1364, 2239), (1369, 2245), (1385, 2266), (1449, 2320),

Gene: Oregano_2 Start: 348, Stop: 1907, Start Num: 151
Candidate Starts for Oregano_2:
(88, 288), (Start: 151 @348 has 55 MA's), (259, 456), (Start: 318 @534 has 1 MA's), (342, 567), (421, 651), (425, 660), (465, 696), (491, 756), (566, 846), (568, 849), (607, 942), (611, 951), (620, 966), (723, 1101), (778, 1167), (808, 1209), (875, 1278), (880, 1284), (919, 1323), (946, 1344), (962, 1374), (971, 1395), (1009, 1440), (1054, 1476), (1057, 1479), (1109, 1521), (1216, 1650), (1280, 1701), (1390, 1830), (1461, 1890),

Gene: Origami_2 Start: 553, Stop: 2268, Start Num: 95
Candidate Starts for Origami_2:
(Start: 95 @553 has 98 MA's), (Start: 232 @652 has 1 MA's), (477, 925), (504, 976), (513, 994), (546, 1042), (552, 1054), (595, 1135), (693, 1309), (851, 1522), (1001, 1711), (1088, 1795), (1193, 1939), (1209, 1954), (1292, 2083), (1381, 2191), (1442, 2254),

Gene: OrionPax_9 Start: 2465, Stop: 4135, Start Num: 394
Candidate Starts for OrionPax_9:
(Start: 394 @2465 has 48 MA's), (427, 2528), (551, 2762), (598, 2864), (693, 3044), (710, 3068), (724, 3086), (732, 3098), (768, 3161), (776, 3173), (808, 3218), (815, 3233), (873, 3311), (911, 3356), (934, 3410), (935, 3416), (1000, 3530), (1037, 3578), (1104, 3674), (1124, 3710), (1218, 3863), (1232, 3875), (1279, 3932), (1307, 3968), (1346, 4019), (1372, 4055), (1374, 4058), (1438, 4124),

Gene: Orla_5 Start: 1093, Stop: 2793, Start Num: 167
Candidate Starts for Orla_5:
(83, 985), (Start: 167 @1093 has 9 MA's), (Start: 232 @1147 has 1 MA's), (Start: 249 @1168 has 1 MA's), (266, 1195), (362, 1306), (425, 1384), (467, 1417), (487, 1459), (490, 1468), (513, 1513), (515, 1516), (543, 1564), (575, 1612), (581, 1633), (595, 1663), (645, 1753), (701, 1843), (735, 1897), (780, 1972), (866, 2110), (879, 2125), (887, 2134), (952, 2170), (954, 2176), (987, 2242), (992, 2248), (1076, 2326), (1080, 2332), (1149, 2419), (1165, 2452), (1214, 2509), (1234, 2530), (1269, 2557), (1311, 2617), (1370, 2686), (1372, 2689), (1400, 2719), (1414, 2734), (1454, 2779), (1456, 2782),

Gene: Oscar_7 Start: 1482, Stop: 2906, Start Num: 247
Candidate Starts for Oscar_7:
(Start: 247 @1482 has 171 MA's), (Start: 322 @1569 has 1 MA's), (Start: 336 @1593 has 12 MA's), (342, 1599), (391, 1677), (402, 1686), (405, 1692), (425, 1734), (444, 1752), (463, 1770), (487, 1821), (505, 1860), (532, 1896), (591, 1974), (607, 2016), (611, 2025), (675, 2106), (792, 2220), (816, 2262), (820, 2268), (827, 2280), (851, 2310), (870, 2334), (880, 2346), (893, 2361), (962, 2430), (993, 2472), (1111, 2571), (1142, 2604), (1146, 2607), (1172, 2643), (1187, 2661), (1425, 2895),

Gene: OtsoOtso_3 Start: 849, Stop: 2330, Start Num: 309
Candidate Starts for OtsoOtso_3:
(Start: 171 @684 has 16 MA's), (Start: 309 @849 has 15 MA's), (334, 888), (Start: 397 @939 has 4 MA's), (405, 951), (422, 987), (431, 1005), (569, 1188), (620, 1302), (625, 1314), (650, 1362), (665, 1383), (677, 1398), (713, 1455), (961, 1770), (1003, 1836), (1048, 1881), (1096, 1920), (1105, 1932), (1151, 1998), (1176, 2028), (1212, 2073), (1257, 2115), (1283, 2142), (1286, 2145), (1364, 2238), (1369, 2244), (1385, 2265), (1394, 2277), (1447, 2316), (1449, 2319),

Gene: Otwor_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for Otwor_3:
(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (806, 1881), (817, 1896), (842, 1932), (880, 1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298), (1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: OurGirlNessie_2 Start: 426, Stop: 1991, Start Num: 165
Candidate Starts for OurGirlNessie_2:
(Start: 165 @426 has 76 MA's), (270, 549), (Start: 397 @690 has 4 MA's), (419, 732), (431, 756), (463, 780), (557, 942), (620, 1077), (630, 1098), (650, 1137), (770, 1236), (790, 1266), (803, 1281), (818, 1314), (852, 1362), (861, 1371), (941, 1449), (961, 1485), (983, 1524), (1009, 1557), (1020, 1566), (1046, 1593), (1105, 1647), (1133, 1689), (1197, 1734), (1212, 1755), (1232, 1779), (1328, 1857),

Gene: Ouroboros_2 Start: 378, Stop: 1889, Start Num: 228

Candidate Starts for Ouroboros_2:
(Start: 228 @378 has 40 MA's), (Start: 235 @387 has 7 MA's), (Start: 262 @417 has 67 MA's), (274, 435), (314, 480), (Start: 333 @507 has 4 MA's), (334, 510), (Start: 393 @558 has 3 MA's), (Start: 400 @567 has 2 MA's), (419, 603), (424, 612), (426, 618), (465, 651), (474, 669), (485, 693), (487, 699), (506, 738), (512, 747), (513, 750), (533, 789), (535, 792), (566, 852), (572, 861), (591, 906), (593, 909), (602, 930), (607, 945), (611, 954), (664, 1041), (667, 1044), (797, 1206), (809, 1227), (855, 1293), (922, 1326), (942, 1335), (954, 1356), (973, 1398), (1015, 1440), (1044, 1467), (1054, 1476), (1075, 1497), (1079, 1503), (1112, 1530), (1130, 1551), (1131, 1554), (1134, 1557), (1143, 1569), (1153, 1584), (1160, 1599), (1170, 1602), (1184, 1620), (1190, 1626), (1206, 1647), (1213, 1656), (1226, 1671), (1278, 1704), (1280, 1707), (1290, 1719), (1299, 1731), (1366, 1797), (1373, 1806), (1389, 1827), (1394, 1833), (1433, 1875), (1443, 1881),

Gene: Outis_25 Start: 12805, Stop: 14535, Start Num: 155
Candidate Starts for Outis_25:
(Start: 155 @12805 has 202 MA's), (Start: 161 @12811 has 29 MA's), (351, 13006), (353, 13012), (379, 13051), (Start: 403 @13081 has 1 MA's), (424, 13123), (509, 13300), (621, 13516), (635, 13543), (740, 13711), (748, 13723), (768, 13756), (824, 13834), (1007, 14017), (1034, 14050), (1054, 14080), (1104, 14131), (1136, 14179), (1196, 14254), (1203, 14266), (1237, 14302), (1365, 14440), (1387, 14470),

Gene: Ovechkin_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Ovechkin_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: OverPar_4 Start: 1069, Stop: 2637, Start Num: 138
Candidate Starts for OverPar_4:
(Start: 138 @1069 has 120 MA's), (Start: 142 @1075 has 6 MA's), (Start: 284 @1231 has 1 MA's), (512, 1528), (515, 1534), (556, 1594), (591, 1666), (594, 1672), (675, 1792), (710, 1840), (762, 1894), (776, 1918), (807, 1963), (809, 1969), (827, 1999), (832, 2005), (855, 2032), (863, 2041), (942, 2098), (946, 2104), (959, 2125), (962, 2131), (1020, 2206), (1023, 2209), (1060, 2245), (1116, 2290), (1172, 2356), (1234, 2431), (1266, 2449), (1278, 2458), (1420, 2605), (1448, 2629), (1450, 2632),

Gene: Owens_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for Owens_3:
(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (806, 1881), (817, 1896), (842, 1932), (880, 1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298), (1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: Oxynfrius_5 Start: 3081, Stop: 4646, Start Num: 165
Candidate Starts for Oxynfrius_5:
(Start: 165 @3081 has 76 MA's), (Start: 309 @3255 has 15 MA's), (Start: 333 @3291 has 4 MA's), (Start: 397 @3345 has 4 MA's), (Start: 403 @3354 has 1 MA's), (419, 3387), (426, 3402), (431, 3411), (518, 3537), (584, 3651), (593, 3666), (595, 3672), (620, 3732), (770, 3891), (790, 3921), (827, 3984), (852, 4017), (941, 4104), (983, 4179), (1009, 4212), (1046, 4248), (1117, 4323), (1133, 4344), (1176,

4365), (1232, 4434), (1328, 4512), (1361, 4551), (1393, 4581), (1404, 4593), (1451, 4632), (1458, 4641),

Gene: Ozzie_6 Start: 2400, Stop: 4028, Start Num: 113
Candidate Starts for Ozzie_6:
(Start: 95 @2382 has 98 MA's), (Start: 113 @2400 has 11 MA's), (Start: 330 @2604 has 14 MA's), (407, 2685), (504, 2820), (515, 2841), (575, 2928), (603, 3000), (620, 3024), (680, 3123), (722, 3177), (803, 3276), (838, 3336), (992, 3498), (997, 3507), (1088, 3597), (1113, 3624), (1164, 3702), (1165, 3705), (1193, 3744), (1214, 3765), (1219, 3771), (1236, 3789), (1325, 3885), (1372, 3945),

Gene: OzzyJ_7 Start: 2377, Stop: 4023, Start Num: 95
Candidate Starts for OzzyJ_7:
(Start: 95 @2377 has 98 MA's), (Start: 113 @2395 has 11 MA's), (Start: 251 @2527 has 3 MA's), (Start: 330 @2599 has 14 MA's), (362, 2635), (504, 2815), (515, 2836), (548, 2881), (575, 2923), (603, 2995), (620, 3019), (680, 3118), (690, 3133), (704, 3157), (712, 3163), (838, 3331), (983, 3481), (997, 3502), (1064, 3565), (1088, 3592), (1165, 3700), (1193, 3739), (1214, 3760), (1219, 3766), (1236, 3784), (1325, 3880), (1372, 3940), (1445, 4018),

Gene: P1.1_2 Start: 378, Stop: 1889, Start Num: 228
Candidate Starts for P1.1_2:
(Start: 228 @378 has 40 MA's), (248, 402), (Start: 262 @417 has 67 MA's), (274, 435), (Start: 297 @462 has 6 MA's), (314, 480), (Start: 333 @507 has 4 MA's), (334, 510), (Start: 393 @558 has 3 MA's), (Start: 400 @567 has 2 MA's), (405, 573), (424, 612), (426, 618), (465, 651), (474, 669), (485, 693), (487, 699), (506, 738), (512, 747), (513, 750), (533, 789), (535, 792), (572, 861), (591, 906), (593, 909), (602, 930), (607, 945), (611, 954), (618, 966), (653, 1026), (664, 1041), (667, 1044), (669, 1047), (674, 1053), (681, 1068), (745, 1134), (763, 1155), (776, 1179), (785, 1191), (797, 1206), (809, 1227), (855, 1293), (922, 1326), (954, 1356), (973, 1398), (1054, 1476), (1062, 1485), (1075, 1497), (1112, 1530), (1130, 1551), (1131, 1554), (1134, 1557), (1143, 1569), (1160, 1599), (1170, 1602), (1184, 1620), (1190, 1626), (1226, 1671), (1278, 1704), (1280, 1707), (1290, 1719), (1299, 1731), (1366, 1797), (1373, 1806), (1378, 1812), (1394, 1833), (1433, 1875), (1443, 1881),

Gene: P100.1_2 Start: 378, Stop: 1889, Start Num: 228
Candidate Starts for P100.1_2:
(Start: 228 @378 has 40 MA's), (Start: 262 @417 has 67 MA's), (274, 435), (Start: 297 @462 has 6 MA's), (314, 480), (Start: 333 @507 has 4 MA's), (334, 510), (Start: 393 @558 has 3 MA's), (Start: 400 @567 has 2 MA's), (405, 573), (419, 603), (424, 612), (426, 618), (465, 651), (474, 669), (485, 693), (487, 699), (506, 738), (512, 747), (513, 750), (533, 789), (535, 792), (572, 861), (591, 906), (593, 909), (602, 930), (607, 945), (611, 954), (653, 1026), (667, 1044), (669, 1047), (674, 1053), (745, 1134), (809, 1227), (855, 1293), (922, 1326), (954, 1356), (973, 1398), (1054, 1476), (1075, 1497), (1079, 1503), (1112, 1530), (1130, 1551), (1131, 1554), (1134, 1557), (1143, 1569), (1160, 1599), (1172, 1605), (1184, 1620), (1190, 1626), (1224, 1668), (1278, 1704), (1280, 1707), (1290, 1719), (1299, 1731), (1366, 1797), (1373, 1806), (1378, 1812), (1385, 1821), (1433, 1875), (1443, 1881),

Gene: P100A_2 Start: 383, Stop: 1894, Start Num: 228
Candidate Starts for P100A_2:
(Start: 228 @383 has 40 MA's), (274, 440), (314, 485), (Start: 333 @512 has 4 MA's), (334, 515), (Start: 393 @563 has 3 MA's), (Start: 400 @572 has 2 MA's), (405, 578), (419, 608), (424, 617), (426, 623), (465, 656), (474, 674), (485, 698), (487, 704), (506, 743), (512, 752), (513, 755), (572, 866), (586, 902), (591, 911), (593, 914), (602, 935), (607, 950), (611, 959), (641, 1010), (653, 1031), (664, 1046), (667, 1049), (669, 1052), (745, 1139), (776, 1184), (797, 1211), (809, 1232), (850, 1292), (881, 1319), (949, 1349), (959, 1370), (1027, 1457), (1062, 1490), (1075, 1502), (1079, 1508), (1112, 1535), (1130, 1556), (1131, 1559), (1134, 1562), (1143, 1574), (1172, 1610), (1190, 1631), (1224, 1673), (1278, 1709), (1280, 1712), (1290, 1724), (1299, 1736), (1360, 1796), (1366, 1802), (1373, 1811), (1385,

1826), (1433, 1880), (1443, 1886),

Gene: P100D_2 Start: 373, Stop: 1884, Start Num: 228
Candidate Starts for P100D_2:
(Start: 228 @373 has 40 MA's), (248, 397), (Start: 262 @412 has 67 MA's), (274, 430), (314, 475), (Start: 333 @502 has 4 MA's), (334, 505), (Start: 393 @553 has 3 MA's), (Start: 400 @562 has 2 MA's), (405, 568), (419, 598), (424, 607), (426, 613), (465, 646), (474, 664), (485, 688), (487, 694), (506, 733), (512, 742), (513, 745), (533, 784), (535, 787), (572, 856), (591, 901), (593, 904), (602, 925), (607, 940), (611, 949), (618, 961), (653, 1021), (664, 1036), (667, 1039), (669, 1042), (681, 1063), (745, 1129), (763, 1150), (776, 1174), (785, 1186), (797, 1201), (809, 1222), (855, 1288), (922, 1321), (954, 1351), (973, 1393), (1044, 1462), (1062, 1480), (1075, 1492), (1112, 1525), (1130, 1546), (1131, 1549), (1134, 1552), (1143, 1564), (1160, 1594), (1170, 1597), (1190, 1621), (1224, 1663), (1278, 1699), (1280, 1702), (1299, 1726), (1360, 1786), (1366, 1792), (1373, 1801), (1433, 1870), (1443, 1876),

Gene: P101A_2 Start: 378, Stop: 1889, Start Num: 228
Candidate Starts for P101A_2:
(Start: 228 @378 has 40 MA's), (248, 402), (Start: 262 @417 has 67 MA's), (274, 435), (Start: 297 @462 has 6 MA's), (314, 480), (Start: 333 @507 has 4 MA's), (334, 510), (Start: 393 @558 has 3 MA's), (Start: 400 @567 has 2 MA's), (405, 573), (424, 612), (426, 618), (465, 651), (474, 669), (485, 693), (487, 699), (506, 738), (512, 747), (513, 750), (533, 789), (535, 792), (572, 861), (591, 906), (593, 909), (602, 930), (607, 945), (611, 954), (618, 966), (653, 1026), (664, 1041), (667, 1044), (669, 1047), (674, 1053), (681, 1068), (745, 1134), (763, 1155), (797, 1206), (809, 1227), (855, 1293), (922, 1326), (954, 1356), (1054, 1476), (1062, 1485), (1075, 1497), (1112, 1530), (1130, 1551), (1131, 1554), (1134, 1557), (1143, 1569), (1160, 1599), (1170, 1602), (1184, 1620), (1190, 1626), (1224, 1668), (1278, 1704), (1280, 1707), (1290, 1719), (1299, 1731), (1360, 1791), (1366, 1797), (1373, 1806), (1378, 1812), (1394, 1833), (1433, 1875), (1443, 1881),

Gene: P104A_2 Start: 378, Stop: 1889, Start Num: 228
Candidate Starts for P104A_2:
(Start: 228 @378 has 40 MA's), (Start: 262 @417 has 67 MA's), (274, 435), (Start: 297 @462 has 6 MA's), (314, 480), (Start: 333 @507 has 4 MA's), (334, 510), (353, 528), (Start: 393 @558 has 3 MA's), (Start: 400 @567 has 2 MA's), (405, 573), (424, 612), (426, 618), (465, 651), (474, 669), (485, 693), (487, 699), (506, 738), (512, 747), (513, 750), (533, 789), (535, 792), (566, 852), (572, 861), (591, 906), (593, 909), (602, 930), (607, 945), (611, 954), (653, 1026), (667, 1044), (669, 1047), (674, 1053), (681, 1068), (745, 1134), (763, 1155), (797, 1206), (809, 1227), (855, 1293), (922, 1326), (954, 1356), (973, 1398), (1054, 1476), (1062, 1485), (1075, 1497), (1112, 1530), (1130, 1551), (1131, 1554), (1134, 1557), (1143, 1569), (1160, 1599), (1170, 1602), (1184, 1620), (1190, 1626), (1206, 1647), (1224, 1668), (1278, 1704), (1280, 1707), (1290, 1719), (1366, 1797), (1373, 1806), (1378, 1812), (1385, 1821), (1433, 1875), (1443, 1881),

Gene: P104B_2 Start: 385, Stop: 1884, Start Num: 238
Candidate Starts for P104B_2:
(Start: 225 @370 has 84 MA's), (Start: 228 @373 has 40 MA's), (Start: 238 @385 has 22 MA's), (Start: 262 @412 has 67 MA's), (274, 430), (Start: 297 @457 has 6 MA's), (314, 475), (Start: 333 @502 has 4 MA's), (334, 505), (Start: 393 @553 has 3 MA's), (Start: 400 @562 has 2 MA's), (405, 568), (419, 598), (424, 607), (426, 613), (465, 646), (474, 664), (485, 688), (487, 694), (506, 733), (512, 742), (513, 745), (533, 784), (535, 787), (572, 856), (591, 901), (593, 904), (602, 925), (607, 940), (611, 949), (618, 961), (653, 1021), (667, 1039), (669, 1042), (674, 1048), (745, 1129), (763, 1150), (776, 1174), (797, 1201), (809, 1222), (855, 1288), (922, 1321), (954, 1351), (973, 1393), (1054, 1471), (1062, 1480), (1075, 1492), (1112, 1525), (1130, 1546), (1131, 1549), (1134, 1552), (1143, 1564), (1160, 1594), (1170, 1597), (1184, 1615), (1190, 1621), (1278, 1699), (1280, 1702), (1290, 1714), (1299, 1726), (1366, 1792), (1373, 1801), (1378, 1807), (1394, 1828), (1433, 1870), (1443, 1876),

Gene: P105_2 Start: 373, Stop: 1884, Start Num: 228
Candidate Starts for P105_2:
(Start: 228 @373 has 40 MA's), (Start: 262 @412 has 67 MA's), (274, 430), (Start: 297 @457 has 6 MA's), (314, 475), (Start: 333 @502 has 4 MA's), (334, 505), (353, 523), (Start: 393 @553 has 3 MA's), (Start: 400 @562 has 2 MA's), (405, 568), (419, 598), (424, 607), (426, 613), (465, 646), (474, 664), (485, 688), (487, 694), (506, 733), (512, 742), (513, 745), (533, 784), (535, 787), (566, 847), (572, 856), (591, 901), (593, 904), (602, 925), (607, 940), (611, 949), (618, 961), (653, 1021), (667, 1039), (669, 1042), (674, 1048), (681, 1063), (745, 1129), (763, 1150), (776, 1174), (797, 1201), (809, 1222), (855, 1288), (922, 1321), (973, 1393), (1015, 1435), (1054, 1471), (1062, 1480), (1075, 1492), (1112, 1525), (1130, 1546), (1131, 1549), (1134, 1552), (1143, 1564), (1160, 1594), (1172, 1600), (1184, 1615), (1190, 1621), (1278, 1699), (1280, 1702), (1290, 1714), (1299, 1726), (1366, 1792), (1373, 1801), (1378, 1807), (1394, 1828), (1433, 1870), (1443, 1876),

Gene: P106A_2 Start: 378, Stop: 1889, Start Num: 228
Candidate Starts for P106A_2:
(Start: 228 @378 has 40 MA's), (Start: 238 @390 has 22 MA's), (248, 402), (Start: 262 @417 has 67 MA's), (274, 435), (Start: 297 @462 has 6 MA's), (314, 480), (Start: 333 @507 has 4 MA's), (334, 510), (Start: 393 @558 has 3 MA's), (Start: 400 @567 has 2 MA's), (405, 573), (424, 612), (426, 618), (465, 651), (474, 669), (485, 693), (487, 699), (506, 738), (512, 747), (513, 750), (533, 789), (535, 792), (566, 852), (572, 861), (591, 906), (593, 909), (602, 930), (607, 945), (611, 954), (618, 966), (641, 1005), (653, 1026), (664, 1041), (667, 1044), (669, 1047), (674, 1053), (681, 1068), (745, 1134), (763, 1155), (809, 1227), (855, 1293), (922, 1326), (1054, 1476), (1075, 1497), (1079, 1503), (1112, 1530), (1130, 1551), (1131, 1554), (1134, 1557), (1143, 1569), (1160, 1599), (1172, 1605), (1184, 1620), (1190, 1626), (1224, 1668), (1278, 1704), (1280, 1707), (1290, 1719), (1299, 1731), (1366, 1797), (1373, 1806), (1378, 1812), (1385, 1821), (1433, 1875), (1443, 1881),

Gene: P106C_2 Start: 390, Stop: 1889, Start Num: 238
Candidate Starts for P106C_2:
(Start: 228 @378 has 40 MA's), (Start: 238 @390 has 22 MA's), (248, 402), (Start: 262 @417 has 67 MA's), (274, 435), (Start: 297 @462 has 6 MA's), (314, 480), (Start: 333 @507 has 4 MA's), (334, 510), (Start: 393 @558 has 3 MA's), (Start: 400 @567 has 2 MA's), (405, 573), (424, 612), (426, 618), (465, 651), (474, 669), (485, 693), (487, 699), (506, 738), (512, 747), (513, 750), (533, 789), (535, 792), (566, 852), (572, 861), (591, 906), (593, 909), (602, 930), (607, 945), (611, 954), (618, 966), (641, 1005), (653, 1026), (664, 1041), (667, 1044), (669, 1047), (674, 1053), (681, 1068), (745, 1134), (763, 1155), (809, 1227), (855, 1293), (922, 1326), (1054, 1476), (1075, 1497), (1079, 1503), (1112, 1530), (1130, 1551), (1131, 1554), (1134, 1557), (1143, 1569), (1160, 1599), (1172, 1605), (1184, 1620), (1190, 1626), (1224, 1668), (1278, 1704), (1280, 1707), (1290, 1719), (1299, 1731), (1366, 1797), (1373, 1806), (1378, 1812), (1385, 1821), (1433, 1875), (1443, 1881),

Gene: P106I_2 Start: 390, Stop: 1889, Start Num: 238
Candidate Starts for P106I_2:
(Start: 228 @378 has 40 MA's), (Start: 238 @390 has 22 MA's), (248, 402), (Start: 262 @417 has 67 MA's), (274, 435), (Start: 297 @462 has 6 MA's), (314, 480), (Start: 333 @507 has 4 MA's), (334, 510), (Start: 393 @558 has 3 MA's), (Start: 400 @567 has 2 MA's), (405, 573), (424, 612), (426, 618), (465, 651), (474, 669), (485, 693), (487, 699), (506, 738), (512, 747), (513, 750), (533, 789), (535, 792), (566, 852), (572, 861), (591, 906), (593, 909), (602, 930), (607, 945), (611, 954), (618, 966), (641, 1005), (653, 1026), (664, 1041), (667, 1044), (669, 1047), (674, 1053), (681, 1068), (745, 1134), (763, 1155), (809, 1227), (855, 1293), (922, 1326), (1054, 1476), (1075, 1497), (1079, 1503), (1112, 1530), (1130, 1551), (1131, 1554), (1134, 1557), (1143, 1569), (1160, 1599), (1172, 1605), (1184, 1620), (1190, 1626), (1224, 1668), (1278, 1704), (1280, 1707), (1290, 1719), (1299, 1731), (1366, 1797), (1373, 1806), (1378, 1812), (1385, 1821), (1433, 1875), (1443, 1881),

Gene: P106L_2 Start: 390, Stop: 1889, Start Num: 238
Candidate Starts for P106L_2:
(Start: 228 @378 has 40 MA's), (Start: 238 @390 has 22 MA's), (248, 402), (Start: 262 @417 has 67 MA's), (274, 435), (Start: 297 @462 has 6 MA's), (314, 480), (Start: 333 @507 has 4 MA's), (334, 510), (Start: 393 @558 has 3 MA's), (Start: 400 @567 has 2 MA's), (405, 573), (424, 612), (426, 618), (465, 651), (474, 669), (485, 693), (487, 699), (506, 738), (512, 747), (513, 750), (533, 789), (535, 792), (566, 852), (572, 861), (591, 906), (593, 909), (602, 930), (607, 945), (611, 954), (618, 966), (641, 1005), (653, 1026), (664, 1041), (667, 1044), (669, 1047), (674, 1053), (681, 1068), (745, 1134), (763, 1155), (809, 1227), (855, 1293), (922, 1326), (1054, 1476), (1075, 1497), (1079, 1503), (1112, 1530), (1130, 1551), (1131, 1554), (1134, 1557), (1143, 1569), (1160, 1599), (1172, 1605), (1184, 1620), (1190, 1626), (1224, 1668), (1278, 1704), (1280, 1707), (1290, 1719), (1299, 1731), (1366, 1797), (1373, 1806), (1378, 1812), (1385, 1821), (1433, 1875), (1443, 1881),

Gene: P106M_2 Start: 390, Stop: 1889, Start Num: 238
Candidate Starts for P106M_2:
(Start: 228 @378 has 40 MA's), (Start: 238 @390 has 22 MA's), (248, 402), (Start: 262 @417 has 67 MA's), (274, 435), (Start: 297 @462 has 6 MA's), (314, 480), (Start: 333 @507 has 4 MA's), (334, 510), (Start: 393 @558 has 3 MA's), (Start: 400 @567 has 2 MA's), (405, 573), (424, 612), (426, 618), (465, 651), (474, 669), (485, 693), (487, 699), (506, 738), (512, 747), (513, 750), (533, 789), (535, 792), (566, 852), (572, 861), (591, 906), (593, 909), (602, 930), (607, 945), (611, 954), (618, 966), (641, 1005), (653, 1026), (664, 1041), (667, 1044), (669, 1047), (674, 1053), (681, 1068), (745, 1134), (763, 1155), (809, 1227), (855, 1293), (922, 1326), (1054, 1476), (1075, 1497), (1079, 1503), (1112, 1530), (1130, 1551), (1131, 1554), (1134, 1557), (1143, 1569), (1160, 1599), (1172, 1605), (1184, 1620), (1190, 1626), (1224, 1668), (1278, 1704), (1280, 1707), (1290, 1719), (1299, 1731), (1366, 1797), (1373, 1806), (1378, 1812), (1385, 1821), (1433, 1875), (1443, 1881),

Gene: P107A_2 Start: 386, Stop: 1897, Start Num: 228
Candidate Starts for P107A_2:
(Start: 228 @386 has 40 MA's), (Start: 235 @395 has 7 MA's), (Start: 262 @425 has 67 MA's), (274, 443), (314, 488), (Start: 333 @515 has 4 MA's), (334, 518), (353, 536), (Start: 393 @566 has 3 MA's), (Start: 400 @575 has 2 MA's), (405, 581), (419, 611), (424, 620), (426, 626), (465, 659), (474, 677), (485, 701), (487, 707), (506, 746), (512, 755), (513, 758), (533, 797), (535, 800), (572, 869), (591, 914), (593, 917), (602, 938), (607, 953), (611, 962), (618, 974), (641, 1013), (653, 1034), (664, 1049), (667, 1052), (669, 1055), (674, 1061), (763, 1163), (785, 1199), (809, 1235), (855, 1301), (954, 1364), (971, 1400), (973, 1406), (1075, 1505), (1079, 1511), (1112, 1538), (1130, 1559), (1131, 1562), (1134, 1565), (1143, 1577), (1153, 1592), (1160, 1607), (1170, 1610), (1190, 1634), (1206, 1655), (1213, 1664), (1278, 1712), (1280, 1715), (1290, 1727), (1299, 1739), (1366, 1805), (1373, 1814), (1378, 1820), (1385, 1829), (1433, 1883), (1443, 1889),

Gene: P107C_2 Start: 378, Stop: 1889, Start Num: 228
Candidate Starts for P107C_2:
(Start: 228 @378 has 40 MA's), (Start: 262 @417 has 67 MA's), (274, 435), (314, 480), (Start: 333 @507 has 4 MA's), (334, 510), (Start: 393 @558 has 3 MA's), (Start: 400 @567 has 2 MA's), (405, 573), (419, 603), (424, 612), (426, 618), (465, 651), (474, 669), (485, 693), (487, 699), (506, 738), (512, 747), (513, 750), (533, 789), (535, 792), (572, 861), (591, 906), (593, 909), (602, 930), (607, 945), (611, 954), (618, 966), (653, 1026), (667, 1044), (669, 1047), (674, 1053), (681, 1068), (745, 1134), (763, 1155), (776, 1179), (797, 1206), (809, 1227), (855, 1293), (922, 1326), (954, 1356), (973, 1398), (1054, 1476), (1062, 1485), (1075, 1497), (1112, 1530), (1130, 1551), (1131, 1554), (1134, 1557), (1160, 1599), (1172, 1605), (1184, 1620), (1190, 1626), (1278, 1704), (1280, 1707), (1290, 1719), (1299, 1731), (1366, 1797), (1373, 1806), (1378, 1812), (1385, 1821), (1433, 1875), (1443, 1881),

Gene: P108C_2 Start: 378, Stop: 1889, Start Num: 228
Candidate Starts for P108C_2:

(Start: 228 @378 has 40 MA's), (Start: 262 @417 has 67 MA's), (274, 435), (314, 480), (Start: 333 @507 has 4 MA's), (334, 510), (353, 528), (Start: 393 @558 has 3 MA's), (Start: 400 @567 has 2 MA's), (405, 573), (419, 603), (424, 612), (426, 618), (465, 651), (474, 669), (485, 693), (487, 699), (506, 738), (512, 747), (513, 750), (533, 789), (535, 792), (566, 852), (572, 861), (591, 906), (593, 909), (602, 930), (607, 945), (611, 954), (618, 966), (641, 1005), (653, 1026), (664, 1041), (667, 1044), (669, 1047), (674, 1053), (681, 1068), (745, 1134), (763, 1155), (776, 1179), (797, 1206), (809, 1227), (855, 1293), (954, 1356), (973, 1398), (1054, 1476), (1075, 1497), (1079, 1503), (1112, 1530), (1130, 1551), (1134, 1557), (1170, 1602), (1184, 1620), (1190, 1626), (1226, 1671), (1278, 1704), (1280, 1707), (1290, 1719), (1366, 1797), (1373, 1806), (1403, 1842), (1433, 1875), (1443, 1881),

Gene: P14.4_2 Start: 378, Stop: 1889, Start Num: 228
Candidate Starts for P14.4_2:
(Start: 228 @378 has 40 MA's), (Start: 238 @390 has 22 MA's), (Start: 262 @417 has 67 MA's), (274, 435), (Start: 297 @462 has 6 MA's), (314, 480), (Start: 333 @507 has 4 MA's), (334, 510), (353, 528), (Start: 393 @558 has 3 MA's), (Start: 400 @567 has 2 MA's), (405, 573), (419, 603), (424, 612), (426, 618), (465, 651), (474, 669), (485, 693), (487, 699), (506, 738), (512, 747), (513, 750), (533, 789), (535, 792), (572, 861), (591, 906), (593, 909), (602, 930), (607, 945), (611, 954), (618, 966), (653, 1026), (664, 1041), (667, 1044), (669, 1047), (681, 1068), (745, 1134), (754, 1143), (763, 1155), (776, 1179), (797, 1206), (809, 1227), (855, 1293), (922, 1326), (954, 1356), (973, 1398), (1054, 1476), (1062, 1485), (1075, 1497), (1079, 1503), (1112, 1530), (1130, 1551), (1134, 1557), (1143, 1569), (1170, 1602), (1184, 1620), (1190, 1626), (1278, 1704), (1280, 1707), (1290, 1719), (1366, 1797), (1373, 1806), (1378, 1812), (1389, 1827), (1394, 1833), (1433, 1875), (1443, 1881),

Gene: P28Green_13 Start: 6956, Stop: 8656, Start Num: 105
Candidate Starts for P28Green_13:
(Start: 105 @6956 has 85 MA's), (Start: 145 @7004 has 1 MA's), (302, 7139), (467, 7331), (513, 7418), (620, 7616), (675, 7706), (718, 7769), (809, 7931), (983, 8129), (999, 8153), (1001, 8156), (1080, 8219), (1100, 8240), (1129, 8279), (1193, 8375), (1241, 8429), (1279, 8465), (1405, 8612), (1435, 8642), (1438, 8645),

Gene: P3MA_3 Start: 954, Stop: 2408, Start Num: 230
Candidate Starts for P3MA_3:
(Start: 230 @954 has 31 MA's), (Start: 322 @1038 has 1 MA's), (399, 1149), (402, 1152), (419, 1188), (451, 1230), (463, 1236), (490, 1296), (533, 1365), (588, 1434), (594, 1446), (602, 1467), (611, 1491), (621, 1509), (640, 1533), (641, 1536), (675, 1572), (679, 1581), (753, 1656), (773, 1683), (813, 1746), (816, 1749), (834, 1776), (880, 1836), (962, 1917), (1059, 2004), (1112, 2058), (1142, 2088), (1187, 2145), (1334, 2298), (1348, 2316), (1425, 2397), (1428, 2400),

Gene: P9.1_2 Start: 373, Stop: 1884, Start Num: 228
Candidate Starts for P9.1_2:
(Start: 228 @373 has 40 MA's), (248, 397), (Start: 262 @412 has 67 MA's), (274, 430), (Start: 297 @457 has 6 MA's), (314, 475), (Start: 333 @502 has 4 MA's), (334, 505), (Start: 393 @553 has 3 MA's), (Start: 400 @562 has 2 MA's), (405, 568), (424, 607), (426, 613), (465, 646), (474, 664), (485, 688), (487, 694), (506, 733), (512, 742), (513, 745), (533, 784), (535, 787), (566, 847), (572, 856), (591, 901), (593, 904), (602, 925), (607, 940), (611, 949), (618, 961), (653, 1021), (664, 1036), (667, 1039), (669, 1042), (745, 1129), (763, 1150), (809, 1222), (855, 1288), (922, 1321), (973, 1393), (1015, 1435), (1054, 1471), (1062, 1480), (1075, 1492), (1112, 1525), (1130, 1546), (1131, 1549), (1134, 1552), (1143, 1564), (1160, 1594), (1172, 1600), (1184, 1615), (1190, 1621), (1224, 1663), (1278, 1699), (1280, 1702), (1290, 1714), (1299, 1726), (1366, 1792), (1373, 1801), (1378, 1807), (1394, 1828), (1433, 1870), (1443, 1876),

Gene: PA6_2 Start: 378, Stop: 1889, Start Num: 228
Candidate Starts for PA6_2:

(Start: 228 @378 has 40 MA's), (Start: 262 @417 has 67 MA's), (274, 435), (314, 480), (Start: 333 @507 has 4 MA's), (334, 510), (Start: 393 @558 has 3 MA's), (Start: 400 @567 has 2 MA's), (419, 603), (424, 612), (426, 618), (465, 651), (474, 669), (485, 693), (487, 699), (506, 738), (512, 747), (513, 750), (533, 789), (535, 792), (572, 861), (591, 906), (593, 909), (602, 930), (607, 945), (611, 954), (653, 1026), (664, 1041), (667, 1044), (669, 1047), (674, 1053), (745, 1134), (763, 1155), (776, 1179), (809, 1227), (855, 1293), (922, 1326), (954, 1356), (973, 1398), (1054, 1476), (1062, 1485), (1075, 1497), (1112, 1530), (1130, 1551), (1131, 1554), (1134, 1557), (1143, 1569), (1160, 1599), (1170, 1602), (1190, 1626), (1224, 1668), (1278, 1704), (1280, 1707), (1290, 1719), (1299, 1731), (1366, 1797), (1373, 1806), (1378, 1812), (1385, 1821), (1433, 1875), (1443, 1881),

Gene: PAD20_2 Start: 378, Stop: 1889, Start Num: 228
Candidate Starts for PAD20_2:
(Start: 228 @378 has 40 MA's), (Start: 262 @417 has 67 MA's), (274, 435), (314, 480), (Start: 333 @507 has 4 MA's), (334, 510), (Start: 393 @558 has 3 MA's), (Start: 400 @567 has 2 MA's), (405, 573), (424, 612), (426, 618), (465, 651), (474, 669), (485, 693), (487, 699), (506, 738), (512, 747), (513, 750), (533, 789), (535, 792), (572, 861), (591, 906), (593, 909), (602, 930), (607, 945), (611, 954), (618, 966), (653, 1026), (664, 1041), (667, 1044), (669, 1047), (674, 1053), (681, 1068), (745, 1134), (763, 1155), (776, 1179), (809, 1227), (855, 1293), (922, 1326), (954, 1356), (973, 1398), (1054, 1476), (1062, 1485), (1075, 1497), (1112, 1530), (1130, 1551), (1131, 1554), (1134, 1557), (1143, 1569), (1160, 1599), (1170, 1602), (1184, 1620), (1190, 1626), (1278, 1704), (1280, 1707), (1290, 1719), (1299, 1731), (1360, 1791), (1366, 1797), (1373, 1806), (1378, 1812), (1394, 1833), (1433, 1875), (1443, 1881),

Gene: PAS50_2 Start: 378, Stop: 1889, Start Num: 228
Candidate Starts for PAS50_2:
(Start: 228 @378 has 40 MA's), (Start: 262 @417 has 67 MA's), (274, 435), (314, 480), (Start: 333 @507 has 4 MA's), (334, 510), (Start: 393 @558 has 3 MA's), (Start: 400 @567 has 2 MA's), (405, 573), (419, 603), (424, 612), (426, 618), (465, 651), (474, 669), (485, 693), (487, 699), (506, 738), (512, 747), (513, 750), (533, 789), (535, 792), (572, 861), (591, 906), (593, 909), (602, 930), (607, 945), (611, 954), (653, 1026), (667, 1044), (669, 1047), (674, 1053), (681, 1068), (745, 1134), (763, 1155), (776, 1179), (809, 1227), (855, 1293), (922, 1326), (954, 1356), (973, 1398), (1002, 1428), (1044, 1467), (1054, 1476), (1062, 1485), (1075, 1497), (1112, 1530), (1130, 1551), (1131, 1554), (1134, 1557), (1143, 1569), (1160, 1599), (1170, 1602), (1184, 1620), (1190, 1626), (1206, 1647), (1226, 1671), (1278, 1704), (1280, 1707), (1290, 1719), (1299, 1731), (1366, 1797), (1373, 1806), (1378, 1812), (1394, 1833), (1433, 1875), (1443, 1881),

Gene: PCoral7_2 Start: 378, Stop: 1928, Start Num: 193
Candidate Starts for PCoral7_2:
(Start: 151 @348 has 55 MA's), (Start: 167 @354 has 9 MA's), (Start: 173 @360 has 36 MA's), (Start: 175 @363 has 2 MA's), (Start: 193 @378 has 21 MA's), (255, 441), (289, 477), (Start: 297 @492 has 6 MA's), (Start: 306 @504 has 2 MA's), (Start: 318 @519 has 1 MA's), (342, 552), (384, 573), (399, 594), (419, 633), (431, 657), (465, 693), (487, 741), (513, 783), (520, 795), (593, 900), (661, 1020), (675, 1035), (745, 1113), (767, 1146), (778, 1164), (919, 1320), (956, 1359), (1002, 1431), (1060, 1479), (1078, 1497), (1107, 1518), (1112, 1527), (1113, 1530), (1146, 1560), (1187, 1614), (1278, 1701), (1317, 1743), (1358, 1794), (1463, 1911), (1464, 1917),

Gene: PFR1_02 Start: 407, Stop: 1978, Start Num: 228
Candidate Starts for PFR1_02:
(Start: 228 @407 has 40 MA's), (Start: 235 @416 has 7 MA's), (347, 572), (399, 608), (405, 617), (431, 671), (463, 695), (483, 734), (564, 854), (569, 863), (588, 905), (591, 911), (593, 914), (622, 986), (648, 1037), (650, 1040), (658, 1052), (662, 1058), (665, 1061), (687, 1094), (713, 1136), (732, 1160), (962, 1451), (964, 1457), (988, 1499), (1009, 1523), (1015, 1529), (1020, 1532), (1046, 1559), (1096, 1601), (1102, 1610), (1105, 1613), (1171, 1667), (1193, 1694), (1221, 1730), (1264, 1763), (1305, 1808),

(1364, 1880), (1387, 1910), (1451, 1964),

Gene: PFR2_02 Start: 407, Stop: 1978, Start Num: 228
Candidate Starts for PFR2_02:
(Start: 228 @407 has 40 MA's), (Start: 235 @416 has 7 MA's), (347, 572), (399, 608), (405, 617), (431, 671), (463, 695), (483, 734), (564, 854), (569, 863), (588, 905), (591, 911), (593, 914), (622, 986), (648, 1037), (650, 1040), (658, 1052), (662, 1058), (665, 1061), (687, 1094), (713, 1136), (732, 1160), (962, 1451), (964, 1457), (988, 1499), (1009, 1523), (1015, 1529), (1020, 1532), (1046, 1559), (1096, 1601), (1102, 1610), (1105, 1613), (1171, 1667), (1193, 1694), (1221, 1730), (1264, 1763), (1305, 1808), (1364, 1880), (1387, 1910), (1451, 1964),

Gene: PGHhamlin_15 Start: 6949, Stop: 8649, Start Num: 105
Candidate Starts for PGHhamlin_15:
(Start: 105 @6949 has 85 MA's), (Start: 145 @6997 has 1 MA's), (302, 7132), (467, 7324), (513, 7411), (620, 7609), (675, 7699), (718, 7762), (809, 7924), (983, 8122), (999, 8146), (1001, 8149), (1080, 8212), (1100, 8233), (1129, 8272), (1193, 8368), (1241, 8422), (1279, 8458), (1405, 8605), (1435, 8635), (1438, 8638),

Gene: PHL010M04_02 Start: 377, Stop: 1888, Start Num: 228
Candidate Starts for PHL010M04_02:
(Start: 228 @377 has 40 MA's), (Start: 235 @386 has 7 MA's), (Start: 262 @416 has 67 MA's), (274, 434), (314, 479), (Start: 333 @506 has 4 MA's), (334, 509), (385, 545), (Start: 393 @557 has 3 MA's), (Start: 400 @566 has 2 MA's), (405, 572), (419, 602), (424, 611), (426, 617), (465, 650), (474, 668), (485, 692), (506, 737), (512, 746), (513, 749), (533, 788), (535, 791), (572, 860), (591, 905), (593, 908), (602, 929), (607, 944), (611, 953), (618, 965), (641, 1004), (653, 1025), (664, 1040), (667, 1043), (674, 1052), (745, 1133), (797, 1205), (809, 1226), (850, 1286), (855, 1292), (942, 1334), (954, 1355), (973, 1397), (1027, 1451), (1079, 1502), (1112, 1529), (1130, 1550), (1143, 1568), (1153, 1583), (1160, 1598), (1172, 1604), (1213, 1655), (1278, 1703), (1280, 1706), (1290, 1718), (1366, 1796), (1373, 1805), (1389, 1826), (1394, 1832), (1433, 1874), (1443, 1880),

Gene: PHL037M02_02 Start: 378, Stop: 1889, Start Num: 228
Candidate Starts for PHL037M02_02:
(Start: 228 @378 has 40 MA's), (248, 402), (Start: 262 @417 has 67 MA's), (274, 435), (Start: 297 @462 has 6 MA's), (314, 480), (316, 483), (Start: 333 @507 has 4 MA's), (334, 510), (Start: 393 @558 has 3 MA's), (Start: 400 @567 has 2 MA's), (419, 603), (424, 612), (426, 618), (465, 651), (474, 669), (485, 693), (487, 699), (506, 738), (512, 747), (513, 750), (533, 789), (535, 792), (572, 861), (591, 906), (593, 909), (602, 930), (607, 945), (611, 954), (618, 966), (653, 1026), (664, 1041), (667, 1044), (669, 1047), (681, 1068), (763, 1155), (797, 1206), (809, 1227), (855, 1293), (922, 1326), (954, 1356), (973, 1398), (1044, 1467), (1075, 1497), (1079, 1503), (1112, 1530), (1130, 1551), (1131, 1554), (1134, 1557), (1143, 1569), (1170, 1602), (1184, 1620), (1190, 1626), (1278, 1704), (1280, 1707), (1366, 1797), (1373, 1806), (1433, 1875), (1443, 1881),

Gene: PHL060L00_02 Start: 373, Stop: 1884, Start Num: 228
Candidate Starts for PHL060L00_02:
(Start: 225 @370 has 84 MA's), (Start: 228 @373 has 40 MA's), (Start: 238 @385 has 22 MA's), (Start: 262 @412 has 67 MA's), (274, 430), (314, 475), (Start: 333 @502 has 4 MA's), (334, 505), (Start: 393 @553 has 3 MA's), (Start: 400 @562 has 2 MA's), (405, 568), (424, 607), (426, 613), (465, 646), (474, 664), (485, 688), (506, 733), (512, 742), (513, 745), (533, 784), (535, 787), (572, 856), (591, 901), (593, 904), (602, 925), (607, 940), (611, 949), (664, 1036), (667, 1039), (669, 1042), (681, 1063), (745, 1129), (776, 1174), (797, 1201), (809, 1222), (855, 1288), (922, 1321), (946, 1336), (1015, 1435), (1054, 1471), (1062, 1480), (1075, 1492), (1079, 1498), (1112, 1525), (1130, 1546), (1131, 1549), (1134, 1552), (1160, 1594), (1172, 1600), (1184, 1615), (1190, 1621), (1278, 1699), (1280, 1702), (1290, 1714), (1299, 1726), (1366, 1792), (1373, 1801), (1378, 1807), (1394, 1828), (1433, 1870),

(1443, 1876),

Gene: PHL067M10_02 Start: 378, Stop: 1889, Start Num: 228
Candidate Starts for PHL067M10_02:
(Start: 228 @378 has 40 MA's), (274, 435), (314, 480), (Start: 333 @507 has 4 MA's), (334, 510), (353, 528), (Start: 393 @558 has 3 MA's), (Start: 400 @567 has 2 MA's), (405, 573), (419, 603), (424, 612), (426, 618), (465, 651), (474, 669), (485, 693), (487, 699), (506, 738), (512, 747), (513, 750), (533, 789), (535, 792), (566, 852), (572, 861), (591, 906), (593, 909), (602, 930), (607, 945), (611, 954), (618, 966), (641, 1005), (653, 1026), (664, 1041), (667, 1044), (669, 1047), (681, 1068), (745, 1134), (776, 1179), (797, 1206), (809, 1227), (855, 1293), (922, 1326), (973, 1398), (1002, 1428), (1015, 1440), (1054, 1476), (1075, 1497), (1079, 1503), (1112, 1530), (1130, 1551), (1131, 1554), (1134, 1557), (1143, 1569), (1160, 1599), (1170, 1602), (1184, 1620), (1190, 1626), (1224, 1668), (1278, 1704), (1280, 1707), (1290, 1719), (1299, 1731), (1366, 1797), (1373, 1806), (1378, 1812), (1394, 1833), (1433, 1875), (1443, 1881),

Gene: PHL071N05_02 Start: 373, Stop: 1884, Start Num: 228
Candidate Starts for PHL071N05_02:
(Start: 228 @373 has 40 MA's), (248, 397), (274, 430), (Start: 297 @457 has 6 MA's), (314, 475), (Start: 333 @502 has 4 MA's), (334, 505), (Start: 393 @553 has 3 MA's), (Start: 400 @562 has 2 MA's), (405, 568), (424, 607), (426, 613), (465, 646), (474, 664), (485, 688), (487, 694), (506, 733), (512, 742), (513, 745), (566, 847), (572, 856), (591, 901), (593, 904), (602, 925), (607, 940), (611, 949), (618, 961), (653, 1021), (664, 1036), (667, 1039), (669, 1042), (681, 1063), (745, 1129), (809, 1222), (855, 1288), (922, 1321), (954, 1351), (973, 1393), (1054, 1471), (1062, 1480), (1075, 1492), (1112, 1525), (1130, 1546), (1131, 1549), (1134, 1552), (1143, 1564), (1160, 1594), (1170, 1597), (1184, 1615), (1190, 1621), (1226, 1666), (1278, 1699), (1280, 1702), (1290, 1714), (1299, 1726), (1366, 1792), (1373, 1801), (1378, 1807), (1385, 1816), (1433, 1870), (1443, 1876),

Gene: PHL111M01_02 Start: 378, Stop: 1889, Start Num: 228
Candidate Starts for PHL111M01_02:
(Start: 228 @378 has 40 MA's), (Start: 238 @390 has 22 MA's), (274, 435), (Start: 297 @462 has 6 MA's), (314, 480), (Start: 333 @507 has 4 MA's), (334, 510), (Start: 393 @558 has 3 MA's), (Start: 400 @567 has 2 MA's), (424, 612), (426, 618), (465, 651), (474, 669), (485, 693), (487, 699), (506, 738), (512, 747), (513, 750), (533, 789), (535, 792), (572, 861), (591, 906), (593, 909), (602, 930), (607, 945), (611, 954), (618, 966), (664, 1041), (667, 1044), (669, 1047), (681, 1068), (745, 1134), (763, 1155), (776, 1179), (809, 1227), (855, 1293), (922, 1326), (954, 1356), (973, 1398), (1002, 1428), (1054, 1476), (1062, 1485), (1075, 1497), (1112, 1530), (1130, 1551), (1131, 1554), (1134, 1557), (1143, 1569), (1160, 1599), (1170, 1602), (1190, 1626), (1226, 1671), (1278, 1704), (1280, 1707), (1290, 1719), (1299, 1731), (1366, 1797), (1373, 1806), (1403, 1842), (1433, 1875), (1443, 1881),

Gene: PHL112N00_02 Start: 378, Stop: 1889, Start Num: 228
Candidate Starts for PHL112N00_02:
(Start: 228 @378 has 40 MA's), (Start: 262 @417 has 67 MA's), (274, 435), (Start: 297 @462 has 6 MA's), (314, 480), (Start: 333 @507 has 4 MA's), (334, 510), (353, 528), (Start: 393 @558 has 3 MA's), (Start: 400 @567 has 2 MA's), (405, 573), (419, 603), (424, 612), (426, 618), (465, 651), (474, 669), (485, 693), (487, 699), (506, 738), (512, 747), (513, 750), (533, 789), (535, 792), (572, 861), (591, 906), (593, 909), (602, 930), (607, 945), (611, 954), (618, 966), (653, 1026), (667, 1044), (669, 1047), (674, 1053), (681, 1068), (745, 1134), (763, 1155), (776, 1179), (809, 1227), (922, 1326), (954, 1356), (973, 1398), (1054, 1476), (1062, 1485), (1075, 1497), (1112, 1530), (1130, 1551), (1131, 1554), (1134, 1557), (1143, 1569), (1160, 1599), (1170, 1602), (1190, 1626), (1226, 1671), (1278, 1704), (1280, 1707), (1290, 1719), (1299, 1731), (1366, 1797), (1373, 1806), (1378, 1812), (1385, 1821), (1433, 1875), (1443, 1881),

Gene: PHL113M01_02 Start: 378, Stop: 1889, Start Num: 228

Candidate Starts for PHL113M01_02:
(Start: 228 @378 has 40 MA's), (Start: 262 @417 has 67 MA's), (274, 435), (Start: 297 @462 has 6 MA's), (314, 480), (Start: 333 @507 has 4 MA's), (334, 510), (Start: 393 @558 has 3 MA's), (Start: 400 @567 has 2 MA's), (405, 573), (419, 603), (424, 612), (426, 618), (465, 651), (474, 669), (485, 693), (487, 699), (506, 738), (512, 747), (513, 750), (533, 789), (535, 792), (572, 861), (591, 906), (593, 909), (602, 930), (607, 945), (611, 954), (653, 1026), (664, 1041), (667, 1044), (669, 1047), (674, 1053), (745, 1134), (763, 1155), (776, 1179), (809, 1227), (855, 1293), (922, 1326), (973, 1398), (1054, 1476), (1062, 1485), (1075, 1497), (1079, 1503), (1112, 1530), (1130, 1551), (1131, 1554), (1134, 1557), (1143, 1569), (1160, 1599), (1172, 1605), (1184, 1620), (1190, 1626), (1278, 1704), (1280, 1707), (1290, 1719), (1299, 1731), (1366, 1797), (1373, 1806), (1378, 1812), (1394, 1833), (1403, 1842), (1433, 1875), (1443, 1881),

Gene: PHL114L00_02 Start: 386, Stop: 1897, Start Num: 228
Candidate Starts for PHL114L00_02:
(Start: 228 @386 has 40 MA's), (274, 443), (314, 488), (Start: 333 @515 has 4 MA's), (334, 518), (Start: 393 @566 has 3 MA's), (Start: 400 @575 has 2 MA's), (405, 581), (419, 611), (424, 620), (426, 626), (465, 659), (474, 677), (485, 701), (487, 707), (512, 755), (513, 758), (533, 797), (535, 800), (572, 869), (591, 914), (593, 917), (602, 938), (607, 953), (611, 962), (653, 1034), (664, 1049), (667, 1052), (669, 1055), (763, 1163), (797, 1214), (809, 1235), (855, 1301), (954, 1364), (973, 1406), (1015, 1448), (1054, 1484), (1075, 1505), (1079, 1511), (1112, 1538), (1130, 1559), (1131, 1562), (1134, 1565), (1143, 1577), (1160, 1607), (1170, 1610), (1184, 1628), (1190, 1634), (1213, 1664), (1226, 1679), (1278, 1712), (1280, 1715), (1290, 1727), (1366, 1805), (1373, 1814), (1378, 1820), (1385, 1829), (1397, 1844), (1433, 1883), (1443, 1889),

Gene: PHappiness_2 Start: 571, Stop: 2208, Start Num: 155
Candidate Starts for PHappiness_2:
(Start: 155 @571 has 202 MA's), (163, 580), (Start: 176 @595 has 3 MA's), (Start: 247 @652 has 171 MA's), (Start: 250 @655 has 144 MA's), (Start: 318 @718 has 1 MA's), (353, 757), (412, 844), (454, 904), (473, 916), (484, 928), (487, 937), (488, 940), (496, 961), (508, 982), (548, 1054), (575, 1093), (602, 1162), (604, 1168), (621, 1198), (622, 1201), (627, 1210), (635, 1225), (647, 1243), (680, 1294), (736, 1387), (740, 1396), (862, 1567), (874, 1579), (983, 1663), (1005, 1693), (1007, 1696), (1010, 1699), (1080, 1756), (1097, 1771), (1101, 1777), (1104, 1780), (1113, 1795), (1117, 1804), (1164, 1873), (1190, 1903), (1196, 1912), (1225, 1945), (1250, 1978), (1265, 2005), (1297, 2038), (1325, 2068), (1349, 2089), (1365, 2113), (1372, 2122), (1374, 2125), (1429, 2182),

Gene: PMC_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for PMC_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1244, 1982), (1250, 1994), (1265, 2021), (1297, 2054), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: PP_21 Start: 12452, Stop: 14146, Start Num: 102
Candidate Starts for PP_21:
(100, 12449), (Start: 102 @12452 has 400 MA's), (Start: 161 @12509 has 29 MA's), (Start: 165 @12515 has 76 MA's), (241, 12581), (Start: 309 @12632 has 15 MA's), (320, 12653), (381, 12716), (499, 12875), (508, 12890), (512, 12899), (513, 12902), (523, 12917), (550, 12953), (581, 13010), (593, 13034), (610, 13082), (620, 13100), (693, 13223), (696, 13226), (722, 13256), (774, 13355),

(825, 13442), (848, 13475), (914, 13529), (923, 13541), (981, 13613), (999, 13640), (1015, 13658), (1064, 13691), (1086, 13715), (1193, 13862), (1236, 13907), (1374, 14069), (1405, 14099),

Gene: PSullivan_13 Start: 7479, Stop: 9167, Start Num: 102
Candidate Starts for PSullivan_13:
(Start: 102 @7479 has 400 MA's), (Start: 309 @7659 has 15 MA's), (381, 7743), (408, 7779), (424, 7806), (513, 7929), (581, 8037), (620, 8127), (631, 8151), (647, 8178), (679, 8226), (774, 8382), (809, 8442), (1009, 8676), (1021, 8688), (1080, 8730), (1100, 8751), (1117, 8778), (1193, 8886), (1279, 8976), (1365, 9081),

Gene: PYPDinur_4 Start: 771, Stop: 2333, Start Num: 138
Candidate Starts for PYPDinur_4:
(Start: 138 @771 has 120 MA's), (Start: 142 @777 has 6 MA's), (Start: 284 @927 has 1 MA's), (Start: 333 @993 has 4 MA's), (357, 1023), (396, 1047), (407, 1062), (426, 1104), (515, 1230), (594, 1368), (602, 1389), (611, 1413), (675, 1488), (710, 1536), (776, 1614), (791, 1635), (807, 1659), (809, 1665), (827, 1695), (832, 1701), (863, 1737), (962, 1827), (1050, 1932), (1060, 1941), (1104, 1965), (1116, 1986), (1172, 2052), (1278, 2154), (1394, 2274), (1400, 2280), (1420, 2301), (1448, 2325),

Gene: Pablito_6 Start: 2214, Stop: 3860, Start Num: 95
Candidate Starts for Pablito_6:
(83, 2193), (92, 2208), (Start: 95 @2214 has 98 MA's), (112, 2229), (Start: 251 @2364 has 3 MA's), (381, 2484), (407, 2517), (504, 2652), (515, 2673), (535, 2703), (548, 2718), (575, 2760), (603, 2832), (620, 2856), (680, 2955), (722, 3009), (838, 3168), (905, 3231), (983, 3318), (997, 3339), (1064, 3402), (1088, 3429), (1182, 3564), (1193, 3576), (1214, 3597), (1219, 3603), (1236, 3621), (1292, 3681), (1372, 3777), (1419, 3825), (1445, 3855),

Gene: Pacc40_2 Start: 571, Stop: 2208, Start Num: 155
Candidate Starts for Pacc40_2:
(Start: 155 @571 has 202 MA's), (163, 580), (Start: 176 @595 has 3 MA's), (Start: 247 @652 has 171 MA's), (Start: 250 @655 has 144 MA's), (Start: 318 @718 has 1 MA's), (353, 757), (412, 844), (454, 904), (473, 916), (484, 928), (487, 937), (488, 940), (496, 961), (508, 982), (548, 1054), (575, 1093), (602, 1162), (604, 1168), (621, 1198), (622, 1201), (627, 1210), (635, 1225), (647, 1243), (680, 1294), (736, 1387), (740, 1396), (862, 1567), (874, 1579), (983, 1663), (1005, 1693), (1007, 1696), (1010, 1699), (1080, 1756), (1097, 1771), (1101, 1777), (1104, 1780), (1113, 1795), (1117, 1804), (1164, 1873), (1190, 1903), (1196, 1912), (1225, 1945), (1250, 1978), (1265, 2005), (1297, 2038), (1325, 2068), (1349, 2089), (1365, 2113), (1372, 2122), (1374, 2125), (1429, 2182),

Gene: Pace1224_2 Start: 359, Stop: 1903, Start Num: 161
Candidate Starts for Pace1224_2:
(Start: 161 @359 has 29 MA's), (399, 632), (425, 683), (463, 719), (490, 779), (499, 800), (594, 932), (607, 968), (618, 989), (640, 1019), (675, 1058), (679, 1067), (820, 1220), (882, 1298), (949, 1364), (962, 1391), (1074, 1490), (1160, 1604), (1187, 1628), (1205, 1649), (1263, 1700), (1280, 1715), (1353, 1808), (1425, 1892), (1431, 1898),

Gene: PacerPaul_11 Start: 7247, Stop: 8935, Start Num: 102
Candidate Starts for PacerPaul_11:
(Start: 102 @7247 has 400 MA's), (Start: 309 @7427 has 15 MA's), (381, 7511), (408, 7547), (424, 7574), (513, 7697), (581, 7805), (620, 7895), (631, 7919), (679, 7994), (774, 8150), (809, 8210), (1001, 8435), (1009, 8444), (1021, 8456), (1080, 8498), (1100, 8519), (1117, 8546), (1193, 8654), (1279, 8744), (1365, 8849),

Gene: PackMan_13 Start: 8109, Stop: 9896, Start Num: 103
Candidate Starts for PackMan_13:

(Start: 103 @8109 has 236 MA's), (Start: 117 @8124 has 10 MA's), (Start: 121 @8130 has 5 MA's), (241, 8241), (298, 8340), (424, 8502), (487, 8574), (513, 8628), (538, 8667), (581, 8739), (620, 8829), (631, 8853), (704, 8970), (722, 8985), (778, 9093), (823, 9168), (848, 9204), (898, 9264), (992, 9384), (1006, 9405), (1064, 9444), (1113, 9498), (1115, 9501), (1129, 9519), (1163, 9573), (1182, 9603), (1193, 9615), (1279, 9705), (1295, 9723), (1405, 9852), (1433, 9879), (1435, 9882),

Gene: PaddyBaddy_9 Start: 2274, Stop: 3944, Start Num: 394
Candidate Starts for PaddyBaddy_9:
(Start: 394 @2274 has 48 MA's), (427, 2337), (551, 2571), (598, 2673), (693, 2853), (710, 2877), (724, 2895), (732, 2907), (768, 2970), (776, 2982), (808, 3027), (815, 3042), (873, 3120), (911, 3165), (934, 3219), (935, 3225), (1000, 3339), (1104, 3483), (1124, 3519), (1218, 3672), (1232, 3684), (1279, 3741), (1307, 3777), (1346, 3828), (1372, 3864), (1374, 3867), (1438, 3933),

Gene: Padfoot_8 Start: 1637, Stop: 3058, Start Num: 247
Candidate Starts for Padfoot_8:
(Start: 165 @1565 has 76 MA's), (Start: 230 @1625 has 31 MA's), (Start: 247 @1637 has 171 MA's), (Start: 336 @1748 has 12 MA's), (342, 1754), (391, 1832), (402, 1841), (425, 1889), (444, 1907), (487, 1976), (514, 2018), (517, 2024), (532, 2051), (533, 2054), (607, 2171), (611, 2180), (675, 2261), (792, 2375), (820, 2423), (827, 2435), (851, 2465), (870, 2489), (880, 2501), (959, 2579), (962, 2585), (1112, 2729), (1146, 2762), (1187, 2816), (1353, 2993), (1425, 3047),

Gene: Padpat_8 Start: 1593, Stop: 3017, Start Num: 247
Candidate Starts for Padpat_8:
(Start: 165 @1521 has 76 MA's), (Start: 230 @1581 has 31 MA's), (Start: 247 @1593 has 171 MA's), (Start: 336 @1704 has 12 MA's), (342, 1710), (391, 1788), (402, 1797), (425, 1845), (444, 1863), (487, 1932), (514, 1974), (517, 1980), (532, 2007), (533, 2010), (607, 2127), (611, 2136), (675, 2217), (792, 2331), (820, 2379), (827, 2391), (851, 2421), (870, 2445), (880, 2457), (959, 2535), (962, 2541), (1112, 2688), (1146, 2721), (1187, 2775), (1353, 2952), (1425, 3006),

Gene: Paedore_6 Start: 2247, Stop: 3908, Start Num: 95
Candidate Starts for Paedore_6:
(Start: 95 @2247 has 98 MA's), (407, 2565), (485, 2658), (490, 2673), (504, 2700), (515, 2721), (575, 2808), (620, 2904), (636, 2937), (675, 2991), (693, 3024), (712, 3048), (751, 3117), (813, 3180), (816, 3186), (838, 3216), (851, 3234), (928, 3300), (981, 3363), (983, 3366), (992, 3378), (997, 3387), (1004, 3396), (1064, 3450), (1088, 3477), (1193, 3624), (1214, 3645), (1236, 3669), (1292, 3729), (1372, 3825), (1445, 3903),

Gene: Paella_16 Start: 7583, Stop: 9367, Start Num: 307
Candidate Starts for Paella_16:
(Start: 303 @7577 has 2 MA's), (Start: 307 @7583 has 198 MA's), (367, 7682), (460, 7856), (493, 7931), (516, 7979), (556, 8057), (570, 8075), (572, 8078), (599, 8147), (644, 8249), (675, 8294), (680, 8306), (709, 8363), (750, 8435), (805, 8534), (837, 8591), (847, 8606), (892, 8663), (950, 8732), (956, 8744), (1009, 8837), (1053, 8897), (1071, 8915), (1076, 8921), (1120, 8984), (1123, 8987), (1150, 9026), (1244, 9158), (1273, 9191), (1290, 9215), (1299, 9227), (1315, 9245), (1370, 9317), (1372, 9320),

Gene: PaintedDog_2 Start: 522, Stop: 2081, Start Num: 152
Candidate Starts for PaintedDog_2:
(Start: 152 @522 has 15 MA's), (Start: 232 @612 has 1 MA's), (Start: 305 @699 has 33 MA's), (345, 756), (381, 819), (463, 936), (468, 945), (499, 1017), (527, 1053), (598, 1161), (606, 1173), (607, 1176), (634, 1215), (643, 1233), (788, 1380), (817, 1422), (891, 1506), (908, 1527), (965, 1590), (1038, 1668), (1041, 1671), (1049, 1683), (1172, 1818), (1174, 1821), (1235, 1884), (1237, 1887), (1277, 1920), (1351, 2001), (1380, 2034),

Gene: PainterBoy_13 Start: 7527, Stop: 9281, Start Num: 103
Candidate Starts for PainterBoy_13:
(Start: 103 @7527 has 236 MA's), (241, 7659), (298, 7758), (362, 7845), (424, 7920), (487, 7989), (512, 8040), (513, 8043), (581, 8151), (620, 8241), (631, 8265), (718, 8394), (722, 8397), (735, 8433), (916, 8673), (923, 8682), (983, 8757), (1064, 8829), (1080, 8844), (1113, 8883), (1129, 8904), (1182, 8988), (1193, 9000), (1292, 9105), (1365, 9195), (1372, 9204), (1405, 9237), (1433, 9264), (1435, 9267), (1438, 9270), (1440, 9273),

Gene: Paito_2 Start: 555, Stop: 1928, Start Num: 322
Candidate Starts for Paito_2:
(Start: 161 @354 has 29 MA's), (Start: 299 @516 has 5 MA's), (Start: 322 @555 has 1 MA's), (399, 666), (425, 717), (463, 753), (490, 813), (499, 834), (594, 978), (607, 1014), (618, 1035), (640, 1065), (675, 1104), (679, 1113), (820, 1266), (865, 1326), (949, 1395), (962, 1422), (972, 1437), (1074, 1521), (1142, 1602), (1157, 1629), (1160, 1635), (1172, 1641), (1187, 1659), (1205, 1680), (1259, 1725), (1280, 1746), (1353, 1839), (1428, 1920),

Gene: Palestino_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Palestino_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Panamaxus_12 Start: 7044, Stop: 8741, Start Num: 102
Candidate Starts for Panamaxus_12:
(Start: 102 @7044 has 400 MA's), (Start: 124 @7068 has 46 MA's), (381, 7314), (508, 7488), (513, 7500), (538, 7539), (550, 7551), (581, 7608), (593, 7632), (620, 7698), (623, 7707), (675, 7788), (693, 7821), (774, 7953), (780, 7965), (812, 8019), (825, 8040), (848, 8073), (914, 8127), (983, 8214), (999, 8238), (1001, 8241), (1006, 8247), (1015, 8256), (1080, 8304), (1113, 8343), (1115, 8346), (1129, 8364), (1193, 8460), (1241, 8514), (1374, 8667), (1405, 8697), (1435, 8727), (1438, 8730),

Gene: Panchino_2 Start: 509, Stop: 2044, Start Num: 227
Candidate Starts for Panchino_2:
(Start: 227 @509 has 25 MA's), (Start: 230 @512 has 31 MA's), (Start: 249 @527 has 1 MA's), (292, 584), (Start: 307 @602 has 198 MA's), (316, 614), (331, 635), (Start: 333 @638 has 4 MA's), (390, 686), (412, 722), (419, 737), (422, 743), (474, 806), (539, 926), (583, 1010), (613, 1076), (659, 1148), (661, 1151), (677, 1163), (747, 1289), (766, 1313), (808, 1376), (878, 1460), (940, 1517), (950, 1532), (987, 1607), (1003, 1625), (1152, 1769), (1187, 1790), (1213, 1823), (1226, 1838), (1278, 1874), (1346, 1952), (1349, 1955), (1353, 1961),

Gene: PandaPo_2 Start: 551, Stop: 2257, Start Num: 128
Candidate Starts for PandaPo_2:
(Start: 128 @551 has 7 MA's), (214, 617), (486, 923), (513, 980), (546, 1028), (595, 1118), (604, 1142), (623, 1172), (693, 1292), (851, 1505), (881, 1544), (1165, 1886), (1193, 1922), (1209, 1937), (1226, 1955), (1292, 2072), (1372, 2168), (1381, 2180),

Gene: PantheRoc_2 Start: 318, Stop: 1901, Start Num: 151
Candidate Starts for PantheRoc_2:
(Start: 151 @318 has 55 MA's), (259, 426), (Start: 318 @504 has 1 MA's), (342, 537), (421, 621), (425, 630), (491, 726), (566, 816), (607, 912), (620, 936), (648, 978), (723, 1071), (778, 1137), (808, 1179), (882, 1257), (904, 1281), (919, 1293), (946, 1314), (959, 1338), (962, 1344), (971, 1365), (1054, 1455),

(1109, 1500), (1112, 1506), (1146, 1539), (1187, 1593), (1216, 1629), (1280, 1680), (1334, 1743), (1408, 1827), (1443, 1857),

Gene: PaoPu_3 Start: 1074, Stop: 2534, Start Num: 250
Candidate Starts for PaoPu_3:
(Start: 250 @1074 has 144 MA's), (Start: 254 @1080 has 2 MA's), (358, 1242), (363, 1251), (399, 1311), (444, 1380), (465, 1401), (488, 1452), (619, 1656), (806, 1869), (817, 1884), (842, 1920), (880, 1962), (911, 1995), (926, 2013), (1015, 2133), (1020, 2136), (1039, 2148), (1113, 2223), (1172, 2286), (1187, 2304), (1190, 2307), (1330, 2469), (1337, 2478), (1344, 2487), (1372, 2526),

Gene: Paola_6 Start: 1326, Stop: 2753, Start Num: 262
Candidate Starts for Paola_6:
(156, 1233), (Start: 262 @1326 has 67 MA's), (310, 1383), (Start: 322 @1404 has 1 MA's), (Start: 336 @1428 has 12 MA's), (391, 1512), (402, 1521), (405, 1527), (425, 1569), (444, 1587), (463, 1605), (487, 1656), (532, 1731), (591, 1809), (607, 1851), (611, 1860), (613, 1863), (675, 1941), (792, 2055), (820, 2103), (851, 2145), (870, 2169), (880, 2181), (903, 2208), (956, 2253), (962, 2265), (1107, 2412), (1142, 2451), (1187, 2508), (1208, 2532), (1235, 2556), (1263, 2580), (1348, 2679), (1353, 2685), (1425, 2742),

Gene: Paolo_8 Start: 2800, Stop: 4446, Start Num: 95
Candidate Starts for Paolo_8:
(Start: 95 @2800 has 98 MA's), (Start: 251 @2950 has 3 MA's), (381, 3070), (402, 3094), (485, 3196), (504, 3238), (508, 3244), (515, 3259), (575, 3346), (603, 3418), (620, 3442), (680, 3541), (701, 3577), (722, 3595), (798, 3688), (813, 3718), (838, 3754), (905, 3817), (983, 3904), (997, 3925), (1006, 3937), (1088, 4015), (1113, 4042), (1165, 4123), (1193, 4162), (1214, 4183), (1236, 4207), (1292, 4267), (1372, 4363),

Gene: Papez_13 Start: 8442, Stop: 10130, Start Num: 102
Candidate Starts for Papez_13:
(Start: 102 @8442 has 400 MA's), (Start: 309 @8622 has 15 MA's), (381, 8706), (408, 8742), (424, 8769), (513, 8892), (535, 8925), (581, 9000), (620, 9090), (631, 9114), (647, 9141), (679, 9189), (774, 9345), (809, 9405), (1009, 9639), (1021, 9651), (1080, 9693), (1100, 9714), (1117, 9741), (1193, 9849), (1279, 9939), (1365, 10044),

Gene: Paphu_10 Start: 6436, Stop: 8124, Start Num: 102
Candidate Starts for Paphu_10:
(Start: 102 @6436 has 400 MA's), (381, 6700), (402, 6724), (513, 6886), (535, 6919), (620, 7084), (631, 7108), (647, 7135), (679, 7183), (728, 7252), (774, 7339), (809, 7399), (1009, 7633), (1021, 7645), (1080, 7687), (1100, 7708), (1117, 7735), (1193, 7843), (1279, 7933), (1365, 8038),

Gene: Parada_6 Start: 1978, Stop: 3408, Start Num: 317
Candidate Starts for Parada_6:
(Start: 176 @1810 has 3 MA's), (Start: 179 @1813 has 1 MA's), (188, 1822), (Start: 317 @1978 has 15 MA's), (Start: 330 @1996 has 14 MA's), (431, 2119), (459, 2137), (481, 2176), (484, 2185), (536, 2269), (594, 2353), (600, 2368), (613, 2401), (659, 2467), (752, 2599), (893, 2788), (903, 2800), (954, 2848), (973, 2890), (1023, 2941), (1111, 3016), (1112, 3019), (1139, 3046), (1187, 3106), (1213, 3139), (1226, 3154), (1278, 3190), (1317, 3232), (1336, 3259), (1371, 3295), (1377, 3301), (1409, 3340),

Gene: Paraselene_10 Start: 6748, Stop: 8436, Start Num: 102
Candidate Starts for Paraselene_10:
(Start: 102 @6748 has 400 MA's), (Start: 309 @6928 has 15 MA's), (381, 7012), (408, 7048), (424, 7075), (513, 7198), (581, 7306), (620, 7396), (631, 7420), (647, 7447), (679, 7495), (774, 7651), (809,

7711), (1001, 7936), (1009, 7945), (1021, 7957), (1080, 7999), (1100, 8020), (1117, 8047), (1193, 8155), (1279, 8245), (1365, 8350),

Gene: Pari_12 Start: 7215, Stop: 8903, Start Num: 102
Candidate Starts for Pari_12:
(Start: 102 @7215 has 400 MA's), (Start: 309 @7395 has 15 MA's), (381, 7479), (408, 7515), (424, 7542), (499, 7638), (513, 7665), (535, 7698), (581, 7773), (620, 7863), (631, 7887), (647, 7914), (679, 7962), (728, 8031), (774, 8118), (778, 8127), (809, 8178), (1009, 8412), (1021, 8424), (1080, 8466), (1100, 8487), (1117, 8514), (1193, 8622), (1279, 8712), (1365, 8817),

Gene: Parliament_10 Start: 6818, Stop: 8506, Start Num: 102
Candidate Starts for Parliament_10:
(Start: 102 @6818 has 400 MA's), (381, 7082), (402, 7106), (513, 7268), (535, 7301), (581, 7376), (620, 7466), (631, 7490), (647, 7517), (679, 7565), (767, 7709), (774, 7721), (809, 7781), (1001, 8006), (1009, 8015), (1021, 8027), (1080, 8069), (1100, 8090), (1117, 8117), (1193, 8225), (1279, 8315), (1365, 8420),

Gene: Parmesanjohn_2 Start: 501, Stop: 2036, Start Num: 227
Candidate Starts for Parmesanjohn_2:
(Start: 227 @501 has 25 MA's), (Start: 230 @504 has 31 MA's), (246, 516), (Start: 249 @519 has 1 MA's), (292, 576), (Start: 307 @594 has 198 MA's), (316, 606), (390, 678), (Start: 403 @696 has 1 MA's), (412, 714), (422, 735), (474, 798), (490, 837), (507, 870), (539, 918), (583, 1002), (593, 1017), (613, 1068), (618, 1077), (637, 1101), (659, 1140), (661, 1143), (677, 1155), (747, 1281), (766, 1305), (808, 1368), (878, 1452), (950, 1524), (962, 1548), (981, 1590), (987, 1599), (1043, 1656), (1080, 1695), (1136, 1752), (1146, 1758), (1152, 1761), (1187, 1782), (1226, 1830), (1278, 1866), (1349, 1947), (1353, 1953),

Gene: Partridge_8 Start: 3215, Stop: 4897, Start Num: 107
Candidate Starts for Partridge_8:
(Start: 107 @3215 has 35 MA's), (Start: 309 @3401 has 15 MA's), (362, 3473), (381, 3485), (408, 3521), (523, 3689), (567, 3749), (620, 3857), (770, 4112), (812, 4184), (956, 4328), (983, 4370), (1006, 4403), (1080, 4460), (1088, 4472), (1193, 4616), (1236, 4661), (1292, 4721), (1372, 4820), (1405, 4853), (1433, 4880), (1435, 4883), (1438, 4886),

Gene: PartyCup_5 Start: 3104, Stop: 4672, Start Num: 165
Candidate Starts for PartyCup_5:
(Start: 165 @3104 has 76 MA's), (314, 3290), (Start: 397 @3371 has 4 MA's), (405, 3383), (419, 3413), (426, 3428), (463, 3461), (518, 3563), (569, 3644), (593, 3692), (620, 3758), (643, 3806), (648, 3815), (753, 3890), (770, 3917), (790, 3947), (961, 4166), (1009, 4238), (1046, 4274), (1133, 4370), (1212, 4436), (1264, 4466), (1274, 4472), (1328, 4538), (1451, 4658),

Gene: PascalRango_10 Start: 6614, Stop: 8302, Start Num: 102
Candidate Starts for PascalRango_10:
(Start: 102 @6614 has 400 MA's), (381, 6878), (402, 6902), (513, 7064), (535, 7097), (581, 7172), (620, 7262), (631, 7286), (647, 7313), (679, 7361), (774, 7517), (809, 7577), (1001, 7802), (1009, 7811), (1021, 7823), (1080, 7865), (1100, 7886), (1117, 7913), (1193, 8021), (1279, 8111), (1365, 8216),

Gene: PastaFagioli_3 Start: 769, Stop: 2394, Start Num: 225
Candidate Starts for PastaFagioli_3:
(Start: 225 @769 has 84 MA's), (339, 925), (431, 1033), (490, 1117), (520, 1162), (594, 1267), (620, 1330), (630, 1351), (662, 1408), (916, 1744), (1020, 1876), (1117, 1978), (1328, 2227), (1369, 2275), (1447, 2344),

Gene: Pat3_8 Start: 2003, Stop: 3673, Start Num: 389
Candidate Starts for Pat3_8:
(Start: 389 @2003 has 11 MA's), (551, 2300), (598, 2402), (693, 2582), (710, 2606), (724, 2624), (732, 2636), (768, 2699), (808, 2756), (815, 2771), (873, 2849), (911, 2894), (934, 2948), (935, 2954), (1000, 3068), (1037, 3116), (1104, 3212), (1124, 3248), (1218, 3401), (1232, 3413), (1279, 3470), (1307, 3506), (1346, 3557), (1372, 3593), (1374, 3596), (1438, 3662),

Gene: Patio_27 Start: 13048, Stop: 14727, Start Num: 155
Candidate Starts for Patio_27:
(Start: 155 @13048 has 202 MA's), (Start: 317 @13198 has 15 MA's), (353, 13255), (372, 13282), (379, 13294), (408, 13333), (424, 13366), (621, 13708), (635, 13735), (740, 13903), (748, 13915), (768, 13948), (824, 14026), (953, 14128), (1034, 14242), (1104, 14323), (1113, 14338), (1146, 14380), (1196, 14446), (1203, 14458), (1237, 14494), (1258, 14521), (1320, 14590), (1325, 14593), (1387, 14662),

Gene: PatoPoderoso_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for PatoPoderoso_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: PatriciaStar_2 Start: 584, Stop: 2191, Start Num: 185
Candidate Starts for PatriciaStar_2:
(Start: 185 @584 has 14 MA's), (339, 767), (465, 902), (487, 950), (532, 1022), (539, 1034), (593, 1112), (620, 1175), (648, 1217), (675, 1247), (723, 1310), (737, 1352), (745, 1361), (778, 1412), (804, 1445), (813, 1463), (855, 1508), (888, 1541), (912, 1568), (970, 1646), (1024, 1709), (1055, 1733), (1080, 1757), (1149, 1823), (1170, 1850), (1172, 1853), (1187, 1871), (1353, 2042),

Gene: Patt_9 Start: 2502, Stop: 3842, Start Num: 336
Candidate Starts for Patt_9:
(Start: 247 @2397 has 171 MA's), (Start: 336 @2502 has 12 MA's), (391, 2586), (402, 2595), (419, 2631), (425, 2643), (463, 2685), (487, 2736), (493, 2754), (517, 2784), (591, 2889), (607, 2931), (611, 2940), (613, 2943), (675, 3021), (679, 3030), (792, 3135), (816, 3177), (820, 3183), (851, 3225), (962, 3342), (992, 3384), (1042, 3429), (1111, 3498), (1150, 3543), (1160, 3564), (1187, 3588), (1277, 3672), (1353, 3765), (1425, 3831), (1431, 3837),

Gene: PattyP_13 Start: 7272, Stop: 8960, Start Num: 110
Candidate Starts for PattyP_13:
(Start: 110 @7272 has 24 MA's), (302, 7443), (Start: 309 @7452 has 15 MA's), (381, 7536), (Start: 403 @7563 has 1 MA's), (408, 7572), (513, 7722), (535, 7755), (581, 7830), (620, 7920), (631, 7944), (647, 7971), (679, 8019), (774, 8175), (809, 8235), (1001, 8460), (1009, 8469), (1021, 8481), (1080, 8523), (1100, 8544), (1117, 8571), (1193, 8679), (1279, 8769), (1365, 8874),

Gene: Pavo_7 Start: 2498, Stop: 4144, Start Num: 95
Candidate Starts for Pavo_7:

(Start: 89 @2489 has 1 MA's), (Start: 95 @2498 has 98 MA's), (Start: 98 @2501 has 2 MA's), (Start: 113 @2516 has 11 MA's), (Start: 330 @2720 has 14 MA's), (362, 2756), (407, 2801), (485, 2894), (490, 2909), (504, 2936), (509, 2945), (515, 2957), (575, 3044), (594, 3092), (620, 3140), (680, 3239), (704, 3278), (803, 3392), (812, 3413), (838, 3452), (926, 3533), (983, 3602), (987, 3608), (997, 3623), (1064, 3686), (1164, 3818), (1193, 3860), (1219, 3887), (1236, 3905), (1281, 3953), (1372, 4061),

Gene: Pawn_13 Start: 7029, Stop: 8729, Start Num: 105
Candidate Starts for Pawn_13:
(Start: 105 @7029 has 85 MA's), (Start: 145 @7077 has 1 MA's), (Start: 232 @7149 has 1 MA's), (302, 7212), (513, 7491), (620, 7689), (675, 7779), (718, 7842), (809, 8004), (983, 8202), (999, 8226), (1001, 8229), (1080, 8292), (1088, 8304), (1100, 8313), (1113, 8331), (1129, 8352), (1193, 8448), (1241, 8502), (1279, 8538), (1405, 8685), (1435, 8715), (1438, 8718),

Gene: Payneful_11 Start: 6561, Stop: 8249, Start Num: 102
Candidate Starts for Payneful_11:
(Start: 102 @6561 has 400 MA's), (381, 6825), (402, 6849), (513, 7011), (535, 7044), (581, 7119), (620, 7209), (631, 7233), (679, 7308), (774, 7464), (778, 7473), (808, 7521), (809, 7524), (1001, 7749), (1009, 7758), (1021, 7770), (1080, 7812), (1100, 7833), (1117, 7860), (1193, 7968), (1279, 8058), (1365, 8163),

Gene: PeaceMeal1_10 Start: 4783, Stop: 6474, Start Num: 102
Candidate Starts for PeaceMeal1_10:
(Start: 102 @4783 has 400 MA's), (Start: 124 @4807 has 46 MA's), (Start: 251 @4930 has 3 MA's), (320, 4999), (362, 5050), (381, 5062), (411, 5104), (424, 5125), (490, 5203), (513, 5248), (538, 5287), (575, 5335), (581, 5356), (593, 5380), (620, 5431), (693, 5554), (782, 5701), (816, 5761), (848, 5806), (983, 5947), (1028, 6001), (1080, 6037), (1113, 6076), (1129, 6097), (1193, 6193), (1250, 6262), (1405, 6430), (1435, 6460), (1438, 6463),

Gene: Peaches_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Peaches_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Peanam_8 Start: 1660, Stop: 3090, Start Num: 247
Candidate Starts for Peanam_8:
(Start: 197 @1618 has 3 MA's), (Start: 230 @1648 has 31 MA's), (Start: 247 @1660 has 171 MA's), (Start: 322 @1750 has 1 MA's), (Start: 336 @1774 has 12 MA's), (342, 1780), (363, 1819), (391, 1858), (402, 1867), (405, 1873), (425, 1915), (444, 1933), (463, 1951), (487, 2002), (517, 2050), (607, 2197), (611, 2206), (742, 2335), (792, 2401), (816, 2443), (820, 2449), (827, 2461), (851, 2491), (870, 2515), (893, 2542), (962, 2611), (993, 2653), (1042, 2683), (1064, 2707), (1112, 2755), (1160, 2818), (1187, 2842), (1235, 2893), (1283, 2932), (1353, 3022), (1389, 3061), (1425, 3079), (1431, 3085),

Gene: PeanutPie_2 Start: 401, Stop: 2077, Start Num: 138
Candidate Starts for PeanutPie_2:
(Start: 138 @401 has 120 MA's), (Start: 318 @617 has 1 MA's), (349, 656), (380, 713), (396, 737), (421, 782), (426, 794), (431, 803), (444, 809), (483, 866), (490, 887), (495, 899), (558, 989), (659, 1178), (745, 1274), (766, 1304), (778, 1325), (902, 1466), (919, 1478), (959, 1523), (1107, 1676), (1112, 1685), (1139, 1712), (1172, 1754), (1187, 1772), (1278, 1856), (1290, 1871), (1463, 2060),

Gene: Peas_2 Start: 625, Stop: 2373, Start Num: 330

Candidate Starts for Peas_2:
(294, 574), (311, 601), (Start: 330 @625 has 14 MA's), (370, 685), (388, 718), (441, 820), (469, 859), (473, 865), (481, 883), (486, 898), (487, 901), (493, 919), (499, 931), (513, 961), (554, 1039), (566, 1063), (576, 1075), (590, 1114), (598, 1135), (611, 1168), (656, 1255), (660, 1261), (732, 1363), (766, 1420), (774, 1435), (807, 1474), (873, 1570), (986, 1747), (994, 1762), (1011, 1786), (1147, 1996), (1158, 2020), (1165, 2038), (1187, 2068), (1197, 2083), (1232, 2125), (1253, 2152), (1281, 2176), (1289, 2185), (1372, 2290),

Gene: Pecas_3 Start: 676, Stop: 2304, Start Num: 225
Candidate Starts for Pecas_3:
(Start: 225 @676 has 84 MA's), (339, 832), (431, 940), (490, 1024), (503, 1048), (518, 1066), (569, 1123), (594, 1174), (595, 1177), (620, 1237), (628, 1255), (643, 1285), (662, 1315), (1003, 1771), (1020, 1786), (1328, 2137), (1464, 2293),

Gene: Peeb_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for Peeb_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (744, 1118), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (977, 1409), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Peel_8 Start: 1637, Stop: 3058, Start Num: 247
Candidate Starts for Peel_8:
(Start: 165 @1565 has 76 MA's), (Start: 230 @1625 has 31 MA's), (Start: 247 @1637 has 171 MA's), (Start: 336 @1748 has 12 MA's), (342, 1754), (391, 1832), (402, 1841), (425, 1889), (444, 1907), (487, 1976), (514, 2018), (517, 2024), (532, 2051), (533, 2054), (607, 2171), (611, 2180), (675, 2261), (792, 2375), (820, 2423), (827, 2435), (851, 2465), (870, 2489), (880, 2501), (959, 2579), (962, 2585), (1112, 2729), (1146, 2762), (1187, 2816), (1353, 2993), (1425, 3047),

Gene: PegLeg_14 Start: 4718, Stop: 6262, Start Num: 170
Candidate Starts for PegLeg_14:
(Start: 170 @4718 has 103 MA's), (215, 4766), (398, 4967), (487, 5105), (606, 5297), (776, 5507), (809, 5558), (863, 5630), (959, 5693), (970, 5717), (977, 5732), (1041, 5792), (1050, 5804), (1113, 5864), (1142, 5897), (1160, 5930), (1190, 5957), (1228, 6005), (1400, 6191), (1420, 6212),

Gene: PeggyLeg03_2 Start: 626, Stop: 2374, Start Num: 330
Candidate Starts for PeggyLeg03_2:
(294, 575), (311, 602), (Start: 330 @626 has 14 MA's), (388, 719), (469, 860), (473, 866), (486, 899), (487, 902), (493, 920), (513, 962), (566, 1064), (576, 1076), (590, 1115), (598, 1136), (611, 1169), (641, 1223), (656, 1256), (660, 1262), (732, 1364), (766, 1421), (774, 1436), (807, 1475), (873, 1571), (986, 1748), (994, 1763), (1011, 1787), (1135, 1970), (1147, 1997), (1158, 2021), (1165, 2039), (1187, 2069), (1232, 2126), (1253, 2153), (1281, 2177), (1289, 2186), (1332, 2237), (1372, 2291),

Gene: Pelletreau_4 Start: 958, Stop: 2538, Start Num: 238
Candidate Starts for Pelletreau_4:
(Start: 171 @892 has 16 MA's), (Start: 238 @958 has 22 MA's), (Start: 309 @1054 has 15 MA's), (314, 1063), (Start: 318 @1072 has 1 MA's), (334, 1093), (374, 1117), (Start: 397 @1144 has 4 MA's), (405, 1156), (424, 1195), (431, 1210), (463, 1234), (474, 1255), (598, 1456), (620, 1507), (628, 1525), (650, 1567), (665, 1588), (700, 1648), (720, 1678), (731, 1687), (774, 1750), (961, 1978), (983, 2017), (1003, 2044), (1020, 2059), (1048, 2089), (1096, 2128), (1151, 2206), (1176, 2236), (1200, 2263), (1364, 2446), (1369, 2452), (1385, 2473), (1449, 2527),

Gene: Pelly_12 Start: 7447, Stop: 9135, Start Num: 102
Candidate Starts for Pelly_12:
(Start: 102 @7447 has 400 MA's), (Start: 309 @7627 has 15 MA's), (381, 7711), (408, 7747), (424, 7774), (513, 7897), (581, 8005), (620, 8095), (631, 8119), (647, 8146), (728, 8263), (767, 8338), (774, 8350), (809, 8410), (1009, 8644), (1021, 8656), (1080, 8698), (1100, 8719), (1117, 8746), (1193, 8854), (1279, 8944), (1365, 9049),

Gene: Pemberton_27 Start: 10374, Stop: 12101, Start Num: 155
Candidate Starts for Pemberton_27:
(Start: 155 @10374 has 202 MA's), (Start: 317 @10524 has 15 MA's), (351, 10575), (379, 10620), (Start: 403 @10650 has 1 MA's), (408, 10659), (464, 10782), (473, 10800), (621, 11082), (635, 11109), (740, 11277), (748, 11289), (824, 11400), (1007, 11583), (1104, 11697), (1113, 11712), (1136, 11745), (1196, 11820), (1320, 11964), (1365, 12006), (1387, 12036), (1432, 12078),

Gene: Pembroke_13 Start: 6958, Stop: 8658, Start Num: 105
Candidate Starts for Pembroke_13:
(Start: 105 @6958 has 85 MA's), (Start: 145 @7006 has 1 MA's), (302, 7141), (467, 7333), (513, 7420), (620, 7618), (675, 7708), (718, 7771), (809, 7933), (983, 8131), (999, 8155), (1001, 8158), (1080, 8221), (1100, 8242), (1129, 8281), (1193, 8377), (1241, 8431), (1279, 8467), (1405, 8614), (1435, 8644), (1438, 8647),

Gene: Penny1_13 Start: 6957, Stop: 8657, Start Num: 105
Candidate Starts for Penny1_13:
(Start: 105 @6957 has 85 MA's), (Start: 145 @7005 has 1 MA's), (302, 7140), (467, 7332), (513, 7419), (620, 7617), (675, 7707), (718, 7770), (809, 7932), (983, 8130), (999, 8154), (1001, 8157), (1080, 8220), (1100, 8241), (1129, 8280), (1193, 8376), (1241, 8430), (1279, 8466), (1405, 8613), (1435, 8643), (1438, 8646),

Gene: Penoan_4 Start: 1350, Stop: 2837, Start Num: 201
Candidate Starts for Penoan_4:
(21, 1002), (64, 1176), (114, 1251), (123, 1260), (187, 1335), (Start: 201 @1350 has 6 MA's), (Start: 318 @1503 has 1 MA's), (331, 1518), (334, 1524), (419, 1623), (424, 1632), (488, 1725), (513, 1767), (586, 1881), (588, 1884), (607, 1929), (750, 2109), (803, 2181), (827, 2229), (860, 2262), (922, 2325), (924, 2328), (996, 2427), (1031, 2460), (1045, 2472), (1074, 2493), (1156, 2568), (1226, 2640), (1324, 2727), (1369, 2781),

Gene: Pepe_12 Start: 7470, Stop: 9158, Start Num: 102
Candidate Starts for Pepe_12:
(Start: 102 @7470 has 400 MA's), (381, 7734), (402, 7758), (513, 7920), (535, 7953), (581, 8028), (620, 8118), (631, 8142), (647, 8169), (679, 8217), (767, 8361), (774, 8373), (809, 8433), (1001, 8658), (1009, 8667), (1021, 8679), (1080, 8721), (1100, 8742), (1117, 8769), (1193, 8877), (1279, 8967), (1365, 9072),

Gene: Pepperoni_2 Start: 498, Stop: 2234, Start Num: 305
Candidate Starts for Pepperoni_2:
(Start: 295 @483 has 6 MA's), (Start: 305 @498 has 33 MA's), (373, 588), (404, 627), (439, 702), (466, 735), (473, 750), (486, 771), (499, 804), (510, 828), (526, 858), (555, 915), (590, 987), (595, 999), (660, 1134), (696, 1185), (728, 1227), (732, 1233), (782, 1317), (807, 1344), (885, 1455), (908, 1482), (913, 1500), (1007, 1650), (1013, 1659), (1191, 1932), (1194, 1935), (1197, 1941), (1212, 1962), (1241, 1995), (1245, 2001), (1281, 2049), (1289, 2058), (1307, 2082), (1332, 2100), (1374, 2157), (1445, 2220), (1448, 2223),

Gene: Pepy6_014 Start: 12293, Stop: 14038, Start Num: 307
Candidate Starts for Pepy6_014:
(Start: 307 @12293 has 198 MA's), (310, 12299), (342, 12347), (363, 12386), (367, 12392), (417, 12482), (435, 12515), (489, 12629), (556, 12767), (570, 12785), (572, 12788), (599, 12857), (615, 12896), (631, 12929), (637, 12941), (644, 12959), (675, 13004), (680, 13016), (722, 13085), (750, 13145), (785, 13211), (805, 13244), (808, 13250), (837, 13301), (872, 13349), (892, 13373), (1052, 13565), (1053, 13568), (1058, 13574), (1104, 13625), (1111, 13634), (1117, 13649), (1120, 13655), (1123, 13658), (1290, 13886), (1299, 13898), (1370, 13988), (1372, 13991),

Gene: Percival_2 Start: 640, Stop: 2388, Start Num: 122
Candidate Starts for Percival_2:
(Start: 122 @640 has 14 MA's), (Start: 143 @658 has 16 MA's), (477, 1000), (504, 1051), (513, 1069), (571, 1162), (595, 1219), (851, 1642), (983, 1804), (987, 1810), (1146, 1984), (1193, 2059), (1209, 2074), (1269, 2155), (1355, 2278), (1372, 2299), (1381, 2311),

Gene: Periodt_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for Periodt_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Perkunas_15 Start: 8013, Stop: 9758, Start Num: 307
Candidate Starts for Perkunas_15:
(Start: 307 @8013 has 198 MA's), (310, 8019), (363, 8106), (367, 8112), (387, 8148), (417, 8202), (467, 8298), (556, 8487), (570, 8505), (572, 8508), (599, 8577), (644, 8679), (666, 8715), (680, 8736), (693, 8760), (750, 8865), (785, 8931), (805, 8964), (808, 8970), (823, 9000), (837, 9021), (892, 9093), (1053, 9288), (1104, 9345), (1111, 9354), (1120, 9375), (1123, 9378), (1160, 9438), (1274, 9585), (1290, 9606), (1299, 9618), (1334, 9663), (1336, 9666), (1370, 9708), (1372, 9711),

Gene: Perplexer_11 Start: 6887, Stop: 8584, Start Num: 102
Candidate Starts for Perplexer_11:
(Start: 102 @6887 has 400 MA's), (Start: 124 @6911 has 46 MA's), (381, 7157), (512, 7340), (513, 7343), (538, 7382), (581, 7451), (593, 7475), (620, 7541), (675, 7631), (774, 7796), (825, 7883), (953, 8009), (983, 8057), (999, 8081), (1080, 8147), (1113, 8186), (1129, 8207), (1193, 8303), (1402, 8537), (1405, 8540), (1435, 8570), (1438, 8573),

Gene: PerroGrande22_14 Start: 12513, Stop: 14258, Start Num: 307
Candidate Starts for PerroGrande22_14:
(Start: 307 @12513 has 198 MA's), (310, 12519), (342, 12567), (363, 12606), (367, 12612), (417, 12702), (435, 12735), (489, 12849), (556, 12987), (570, 13005), (572, 13008), (599, 13077), (631, 13149), (644, 13179), (675, 13224), (722, 13305), (727, 13311), (750, 13365), (785, 13431), (805, 13464), (808, 13470), (837, 13521), (872, 13569), (892, 13593), (1052, 13785), (1053, 13788), (1058, 13794), (1104, 13845), (1111, 13854), (1117, 13869), (1120, 13875), (1123, 13878), (1160, 13938), (1290, 14106), (1299, 14118), (1370, 14208), (1372, 14211),

Gene: Perseus_12 Start: 7131, Stop: 8819, Start Num: 102
Candidate Starts for Perseus_12:
(Start: 102 @7131 has 400 MA's), (Start: 309 @7311 has 15 MA's), (381, 7395), (408, 7431), (513, 7581), (581, 7689), (620, 7779), (631, 7803), (679, 7878), (728, 7947), (774, 8034), (809, 8094), (1009, 8328), (1021, 8340), (1080, 8382), (1100, 8403), (1117, 8430), (1193, 8538), (1279, 8628), (1365,

8733),

Gene: Persistence_2 Start: 689, Stop: 2329, Start Num: 253
Candidate Starts for Persistence_2:
(Start: 171 @596 has 16 MA's), (Start: 253 @689 has 2 MA's), (Start: 256 @692 has 6 MA's), (Start: 330 @782 has 14 MA's), (346, 806), (364, 842), (377, 845), (415, 905), (473, 1013), (513, 1100), (571, 1187), (615, 1277), (636, 1319), (650, 1340), (677, 1376), (761, 1511), (765, 1517), (808, 1556), (854, 1625), (956, 1691), (962, 1703), (987, 1739), (1029, 1787), (1062, 1823), (1113, 1880), (1115, 1883), (1150, 1943), (1194, 2027), (1295, 2153), (1365, 2234), (1397, 2276), (1433, 2315),

Gene: PestoPenguin_19 Start: 10301, Stop: 12046, Start Num: 307
Candidate Starts for PestoPenguin_19:
(Start: 307 @10301 has 198 MA's), (310, 10307), (363, 10394), (367, 10400), (387, 10436), (417, 10490), (502, 10667), (525, 10712), (556, 10775), (572, 10796), (599, 10865), (644, 10967), (680, 11024), (709, 11081), (722, 11093), (750, 11153), (805, 11252), (808, 11258), (841, 11315), (892, 11381), (1053, 11576), (1088, 11618), (1111, 11642), (1120, 11663), (1123, 11666), (1290, 11894), (1299, 11906), (1370, 11996), (1372, 11999),

Gene: PeterPeter_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for PeterPeter_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Petersenfast_11 Start: 8027, Stop: 9790, Start Num: 103
Candidate Starts for Petersenfast_11:
(Start: 103 @8027 has 236 MA's), (Start: 121 @8048 has 5 MA's), (Start: 217 @8135 has 1 MA's), (298, 8264), (314, 8288), (362, 8351), (487, 8495), (512, 8546), (513, 8549), (581, 8660), (593, 8684), (594, 8687), (620, 8750), (623, 8759), (631, 8774), (704, 8891), (722, 8906), (751, 8966), (803, 9050), (992, 9278), (999, 9290), (1064, 9338), (1080, 9353), (1113, 9392), (1129, 9413), (1155, 9452), (1182, 9497), (1193, 9509), (1405, 9746), (1433, 9773),

Gene: Peterson_14 Start: 8430, Stop: 10118, Start Num: 102
Candidate Starts for Peterson_14:
(Start: 102 @8430 has 400 MA's), (381, 8694), (402, 8718), (499, 8853), (513, 8880), (535, 8913), (581, 8988), (620, 9078), (631, 9102), (647, 9129), (679, 9177), (774, 9333), (809, 9393), (1001, 9618), (1009, 9627), (1021, 9639), (1080, 9681), (1100, 9702), (1117, 9729), (1193, 9837), (1279, 9927), (1365, 10032),

Gene: PeteyPab_12 Start: 6676, Stop: 8742, Start Num: 5
Candidate Starts for PeteyPab_12:
(Start: 5 @6676 has 5 MA's), (16, 6733), (38, 6871), (48, 6901), (58, 6925), (Start: 138 @7042 has 120 MA's), (Start: 155 @7063 has 202 MA's), (Start: 176 @7087 has 3 MA's), (Start: 235 @7150 has 7 MA's), (Start: 254 @7174 has 2 MA's), (379, 7336), (Start: 389 @7351 has 11 MA's), (402, 7369), (Start: 403 @7372 has 1 MA's), (414, 7396), (424, 7414), (473, 7471), (475, 7474), (496, 7516), (510, 7543), (520, 7561), (535, 7588), (545, 7606), (546, 7609), (581, 7663), (621, 7747), (622, 7750), (633, 7771), (647, 7792), (694, 7864), (717, 7894), (740, 7945), (801, 8026), (817, 8059), (985, 8221), (1088, 8323), (1113, 8350), (1117, 8359), (1203, 8470), (1258, 8533), (1365, 8644), (1372, 8653), (1450, 8734),

Gene: PetiteSangsue_11 Start: 6893, Stop: 8590, Start Num: 102

Candidate Starts for PetiteSangsue_11:
(Start: 102 @6893 has 400 MA's), (Start: 124 @6917 has 46 MA's), (381, 7163), (512, 7346), (513, 7349), (538, 7388), (581, 7457), (593, 7481), (620, 7547), (675, 7637), (774, 7802), (825, 7889), (953, 8015), (983, 8063), (999, 8087), (1064, 8138), (1080, 8153), (1113, 8192), (1129, 8213), (1193, 8309), (1402, 8543), (1405, 8546), (1435, 8576), (1438, 8579),

Gene: Petito_14 Start: 7718, Stop: 9463, Start Num: 307
Candidate Starts for Petito_14:
(Start: 307 @7718 has 198 MA's), (310, 7724), (367, 7817), (387, 7853), (417, 7907), (467, 8003), (516, 8114), (556, 8192), (570, 8210), (572, 8213), (599, 8282), (644, 8384), (693, 8465), (728, 8522), (750, 8570), (785, 8636), (805, 8669), (823, 8705), (837, 8726), (841, 8732), (892, 8798), (1053, 8993), (1104, 9050), (1111, 9059), (1120, 9080), (1123, 9083), (1160, 9143), (1244, 9254), (1274, 9290), (1290, 9311), (1299, 9323), (1334, 9368), (1336, 9371), (1370, 9413), (1372, 9416),

Gene: Petra_2 Start: 334, Stop: 1959, Start Num: 119
Candidate Starts for Petra_2:
(Start: 119 @334 has 2 MA's), (Start: 167 @355 has 9 MA's), (Start: 173 @361 has 36 MA's), (289, 475), (293, 484), (Start: 318 @517 has 1 MA's), (Start: 333 @535 has 4 MA's), (342, 550), (384, 571), (399, 592), (431, 655), (465, 691), (483, 727), (487, 739), (513, 781), (515, 784), (620, 961), (648, 1003), (661, 1018), (675, 1033), (677, 1036), (745, 1111), (778, 1162), (919, 1318), (946, 1339), (949, 1342), (1002, 1429), (1015, 1441), (1057, 1474), (1060, 1477), (1107, 1516), (1111, 1522), (1112, 1525), (1172, 1594), (1174, 1597), (1224, 1657), (1226, 1660), (1234, 1669), (1317, 1738), (1466, 1942),

Gene: Petruchio_11 Start: 6689, Stop: 8377, Start Num: 102
Candidate Starts for Petruchio_11:
(Start: 102 @6689 has 400 MA's), (Start: 309 @6869 has 15 MA's), (381, 6953), (408, 6989), (424, 7016), (513, 7139), (535, 7172), (581, 7247), (620, 7337), (631, 7361), (647, 7388), (679, 7436), (767, 7580), (774, 7592), (809, 7652), (1001, 7877), (1009, 7886), (1021, 7898), (1080, 7940), (1100, 7961), (1117, 7988), (1193, 8096), (1279, 8186), (1365, 8291),

Gene: PetterN_10 Start: 5984, Stop: 7735, Start Num: 67
Candidate Starts for PetterN_10:
(Start: 54 @5957 has 19 MA's), (Start: 67 @5984 has 32 MA's), (Start: 108 @6044 has 1 MA's), (Start: 115 @6053 has 1 MA's), (147, 6092), (Start: 237 @6167 has 1 MA's), (241, 6173), (362, 6305), (424, 6380), (425, 6383), (551, 6557), (620, 6689), (641, 6734), (690, 6812), (693, 6818), (793, 6983), (812, 7016), (825, 7037), (983, 7211), (999, 7235), (1113, 7337), (1129, 7358), (1163, 7412), (1182, 7442), (1193, 7454), (1241, 7508), (1402, 7688), (1405, 7691), (1438, 7724), (1443, 7730),

Gene: Ph8s_13 Start: 6262, Stop: 8046, Start Num: 103
Candidate Starts for Ph8s_13:
(Start: 103 @6262 has 236 MA's), (298, 6493), (362, 6580), (490, 6733), (512, 6775), (513, 6778), (581, 6889), (593, 6913), (594, 6916), (620, 6979), (631, 7003), (722, 7135), (1113, 7648), (1129, 7669), (1182, 7753), (1193, 7765), (1281, 7858), (1295, 7873), (1405, 8002), (1433, 8029), (1435, 8032),

Gene: Phaby_7 Start: 3521, Stop: 5260, Start Num: 307
Candidate Starts for Phaby_7:
(Start: 303 @3515 has 2 MA's), (Start: 307 @3521 has 198 MA's), (367, 3620), (433, 3740), (485, 3839), (516, 3911), (556, 3989), (572, 4010), (611, 4112), (644, 4181), (656, 4205), (663, 4214), (750, 4367), (791, 4442), (805, 4466), (872, 4571), (892, 4595), (956, 4676), (1053, 4790), (1071, 4808), (1076, 4814), (1111, 4856), (1120, 4877), (1123, 4880), (1242, 5045), (1249, 5060), (1273, 5084), (1290, 5108), (1299, 5120), (1315, 5138), (1370, 5210), (1372, 5213),

Gene: Phacado_11 Start: 6883, Stop: 8580, Start Num: 102
Candidate Starts for Phacado_11:
(Start: 102 @6883 has 400 MA's), (Start: 124 @6907 has 46 MA's), (Start: 251 @7030 has 3 MA's), (350, 7120), (381, 7153), (467, 7252), (512, 7336), (513, 7339), (538, 7378), (581, 7447), (593, 7471), (620, 7537), (675, 7627), (774, 7792), (825, 7879), (848, 7912), (923, 7978), (981, 8050), (983, 8053), (999, 8077), (1064, 8128), (1080, 8143), (1113, 8182), (1129, 8203), (1193, 8299), (1405, 8536), (1435, 8566), (1438, 8569),

Gene: Phaded_15 Start: 9549, Stop: 11327, Start Num: 103
Candidate Starts for Phaded_15:
(Start: 103 @9549 has 236 MA's), (Start: 121 @9567 has 5 MA's), (241, 9678), (Start: 251 @9690 has 3 MA's), (275, 9732), (281, 9744), (282, 9753), (298, 9777), (362, 9864), (512, 10059), (513, 10062), (538, 10101), (581, 10170), (620, 10260), (631, 10284), (693, 10383), (722, 10416), (916, 10716), (983, 10803), (1088, 10902), (1113, 10929), (1129, 10950), (1193, 11046), (1405, 11283), (1433, 11310), (1435, 11313),

Gene: Phaeder_13 Start: 8124, Stop: 9896, Start Num: 117
Candidate Starts for Phaeder_13:
(Start: 103 @8109 has 236 MA's), (Start: 117 @8124 has 10 MA's), (Start: 121 @8130 has 5 MA's), (241, 8241), (298, 8340), (424, 8502), (487, 8574), (513, 8628), (538, 8667), (581, 8739), (620, 8829), (631, 8853), (704, 8970), (722, 8985), (778, 9093), (823, 9168), (848, 9204), (898, 9264), (992, 9384), (1006, 9405), (1064, 9444), (1113, 9498), (1115, 9501), (1129, 9519), (1163, 9573), (1182, 9603), (1193, 9615), (1279, 9705), (1295, 9723), (1405, 9852), (1433, 9879), (1435, 9882),

Gene: PhailMary_7 Start: 3222, Stop: 4904, Start Num: 107
Candidate Starts for PhailMary_7:
(Start: 107 @3222 has 35 MA's), (Start: 309 @3408 has 15 MA's), (362, 3480), (381, 3492), (402, 3516), (408, 3528), (513, 3681), (523, 3696), (567, 3756), (620, 3864), (647, 3921), (770, 4119), (780, 4137), (812, 4191), (956, 4335), (983, 4377), (1006, 4410), (1080, 4467), (1088, 4479), (1193, 4623), (1236, 4668), (1292, 4728), (1372, 4827), (1405, 4860), (1433, 4887), (1435, 4890), (1438, 4893),

Gene: Phaila_8 Start: 3499, Stop: 5232, Start Num: 307
Candidate Starts for Phaila_8:
(Start: 307 @3499 has 198 MA's), (367, 3598), (417, 3688), (493, 3835), (516, 3883), (556, 3961), (570, 3979), (572, 3982), (599, 4051), (644, 4153), (656, 4177), (693, 4234), (750, 4339), (805, 4438), (820, 4468), (847, 4510), (892, 4567), (950, 4636), (956, 4648), (1053, 4762), (1071, 4780), (1120, 4849), (1123, 4852), (1249, 5032), (1273, 5056), (1290, 5080), (1299, 5092), (1309, 5104), (1334, 5137), (1370, 5182), (1372, 5185),

Gene: Phalconet_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Phalconet_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: Phalm_2 Start: 400, Stop: 2076, Start Num: 138

Candidate Starts for Phalm_2:
(Start: 138 @400 has 120 MA's), (Start: 318 @616 has 1 MA's), (349, 655), (380, 712), (384, 718), (396, 736), (421, 781), (426, 793), (431, 802), (444, 808), (483, 865), (490, 886), (495, 898), (558, 988), (659, 1177), (745, 1273), (766, 1303), (778, 1324), (902, 1465), (919, 1477), (959, 1522), (1107, 1675), (1112, 1684), (1139, 1711), (1172, 1753), (1187, 1771), (1278, 1855), (1290, 1870), (1463, 2059),

Gene: PhancyPhin_2 Start: 509, Stop: 2044, Start Num: 227
Candidate Starts for PhancyPhin_2:
(Start: 227 @509 has 25 MA's), (Start: 230 @512 has 31 MA's), (Start: 249 @527 has 1 MA's), (292, 584), (Start: 307 @602 has 198 MA's), (316, 614), (390, 686), (412, 722), (422, 743), (474, 806), (539, 926), (583, 1010), (613, 1076), (659, 1148), (661, 1151), (677, 1163), (747, 1289), (766, 1313), (808, 1376), (878, 1460), (940, 1517), (950, 1532), (987, 1607), (1003, 1625), (1152, 1769), (1187, 1790), (1213, 1823), (1226, 1838), (1278, 1874), (1346, 1952), (1349, 1955), (1353, 1961),

Gene: Phanphagia_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Phanphagia_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: Phantastic_11 Start: 6458, Stop: 8155, Start Num: 102
Candidate Starts for Phantastic_11:
(Start: 102 @6458 has 400 MA's), (168, 6530), (381, 6728), (424, 6791), (508, 6902), (513, 6914), (538, 6953), (550, 6965), (581, 7022), (593, 7046), (604, 7076), (620, 7112), (623, 7121), (675, 7202), (690, 7229), (774, 7367), (812, 7433), (825, 7454), (848, 7487), (923, 7553), (983, 7628), (999, 7652), (1001, 7655), (1006, 7661), (1015, 7670), (1080, 7718), (1113, 7757), (1129, 7778), (1193, 7874), (1241, 7928), (1374, 8081), (1405, 8111), (1435, 8141), (1438, 8144),

Gene: PhaoMing_1 Start: 438, Stop: 2204, Start Num: 72
Candidate Starts for PhaoMing_1:
(70, 435), (Start: 72 @438 has 7 MA's), (92, 462), (132, 510), (Start: 137 @516 has 4 MA's), (163, 546), (Start: 256 @648 has 6 MA's), (Start: 309 @690 has 15 MA's), (Start: 322 @711 has 1 MA's), (362, 762), (363, 765), (381, 774), (402, 798), (410, 810), (467, 870), (469, 876), (485, 897), (487, 903), (490, 912), (504, 939), (549, 1011), (553, 1020), (620, 1143), (650, 1206), (675, 1239), (718, 1299), (722, 1302), (738, 1338), (740, 1344), (753, 1362), (756, 1365), (808, 1422), (866, 1509), (918, 1539), (953, 1569), (954, 1572), (956, 1575), (992, 1629), (1001, 1644), (1015, 1659), (1088, 1722), (1149, 1830), (1174, 1872), (1182, 1899), (1193, 1911), (1214, 1941), (1255, 1986), (1281, 2010), (1306, 2040), (1325, 2058), (1332, 2064), (1365, 2109), (1372, 2118), (1381, 2130), (1383, 2133), (1411, 2157),

Gene: Pharaoh_12 Start: 7906, Stop: 9693, Start Num: 103
Candidate Starts for Pharaoh_12:
(Start: 103 @7906 has 236 MA's), (Start: 121 @7927 has 5 MA's), (234, 8029), (241, 8038), (298, 8137), (Start: 317 @8167 has 15 MA's), (Start: 318 @8170 has 1 MA's), (490, 8380), (513, 8425), (538, 8464), (581, 8536), (593, 8560), (620, 8626), (631, 8650), (693, 8749), (704, 8767), (722, 8782), (928, 9097), (983, 9169), (1064, 9241), (1088, 9268), (1113, 9295), (1115, 9298), (1129, 9316), (1193, 9412), (1402, 9646), (1405, 9649), (1433, 9676), (1435, 9679), (1438, 9682),

Gene: Pharb_7 Start: 1288, Stop: 2712, Start Num: 247
Candidate Starts for Pharb_7:
(Start: 176 @1225 has 3 MA's), (188, 1237), (Start: 230 @1276 has 31 MA's), (Start: 247 @1288 has 171 MA's), (Start: 297 @1333 has 6 MA's), (Start: 322 @1375 has 1 MA's), (Start: 336 @1399 has 12 MA's), (391, 1483), (402, 1492), (424, 1537), (425, 1540), (444, 1558), (487, 1627), (514, 1669), (517, 1675), (532, 1702), (591, 1780), (607, 1822), (611, 1831), (675, 1912), (686, 1930), (792, 2026), (820, 2074), (827, 2086), (851, 2116), (870, 2140), (880, 2152), (893, 2167), (962, 2236), (992, 2278), (1002, 2290), (1111, 2377), (1112, 2380), (1150, 2422), (1157, 2437), (1160, 2443), (1184, 2464), (1187, 2467), (1353, 2644),

Gene: Phasih_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Phasih_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: Phatniss_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for Phatniss_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 204 @617 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1 MA's), (Start: 330 @737 has 14 MA's), (353, 758), (412, 845), (414, 851), (454, 905), (473, 917), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (516, 998), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (740, 1397), (862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1250, 1979), (1265, 2006), (1297, 2039), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: Phayonce_2 Start: 401, Stop: 2080, Start Num: 138
Candidate Starts for Phayonce_2:
(32, 191), (43, 239), (Start: 138 @401 has 120 MA's), (285, 563), (314, 608), (Start: 318 @617 has 1 MA's), (349, 656), (380, 713), (384, 719), (396, 737), (421, 782), (426, 794), (431, 803), (444, 809), (483, 866), (488, 881), (490, 887), (495, 899), (558, 989), (659, 1178), (680, 1208), (766, 1304), (902, 1466), (919, 1478), (959, 1523), (972, 1553), (1057, 1634), (1112, 1685), (1172, 1754), (1187, 1772), (1278, 1856), (1280, 1859), (1290, 1871), (1463, 2063),

Gene: Phegasus_2 Start: 413, Stop: 2089, Start Num: 138
Candidate Starts for Phegasus_2:
(Start: 138 @413 has 120 MA's), (Start: 318 @629 has 1 MA's), (349, 668), (380, 725), (384, 731), (396, 749), (421, 794), (422, 797), (426, 806), (431, 815), (444, 821), (445, 824), (483, 878), (490, 899), (495, 911), (558, 1001), (659, 1190), (745, 1286), (778, 1337), (902, 1478), (919, 1490), (1024, 1622), (1107, 1688), (1112, 1697), (1139, 1724), (1172, 1766), (1187, 1784), (1278, 1868), (1290, 1883), (1463, 2072),

Gene: Phelipe_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Phelipe_11:

(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: PhelpsODU_7 Start: 1549, Stop: 2976, Start Num: 247
Candidate Starts for PhelpsODU_7:
(Start: 247 @1549 has 171 MA's), (Start: 322 @1639 has 1 MA's), (Start: 336 @1663 has 12 MA's), (342, 1669), (391, 1747), (402, 1756), (425, 1804), (444, 1822), (487, 1891), (505, 1930), (517, 1939), (532, 1966), (591, 2044), (607, 2086), (611, 2095), (675, 2176), (742, 2224), (792, 2290), (816, 2332), (820, 2338), (827, 2350), (834, 2356), (851, 2380), (875, 2410), (893, 2431), (962, 2500), (993, 2542), (1107, 2635), (1146, 2677), (1160, 2707), (1187, 2731), (1235, 2779), (1353, 2908), (1425, 2965), (1431, 2971),

Gene: Phepper_17 Start: 10301, Stop: 12046, Start Num: 307
Candidate Starts for Phepper_17:
(Start: 307 @10301 has 198 MA's), (310, 10307), (367, 10400), (387, 10436), (417, 10490), (433, 10520), (502, 10667), (556, 10775), (570, 10793), (572, 10796), (599, 10865), (637, 10949), (644, 10967), (680, 11024), (750, 11153), (805, 11252), (808, 11258), (872, 11357), (892, 11381), (1050, 11567), (1053, 11576), (1111, 11642), (1120, 11663), (1123, 11666), (1249, 11846), (1288, 11891), (1290, 11894), (1299, 11906), (1370, 11996), (1372, 11999),

Gene: Pherobrine_14 Start: 8056, Stop: 9801, Start Num: 307
Candidate Starts for Pherobrine_14:
(Start: 307 @8056 has 198 MA's), (310, 8062), (363, 8149), (367, 8155), (387, 8191), (417, 8245), (435, 8278), (493, 8404), (532, 8482), (556, 8530), (570, 8548), (572, 8551), (599, 8620), (644, 8722), (680, 8779), (750, 8908), (805, 9007), (808, 9013), (823, 9043), (841, 9070), (892, 9136), (1022, 9295), (1052, 9328), (1053, 9331), (1058, 9337), (1088, 9373), (1111, 9397), (1120, 9418), (1123, 9421), (1290, 9649), (1299, 9661), (1315, 9679), (1370, 9751), (1372, 9754),

Gene: PherrisBueller_12 Start: 6899, Stop: 8587, Start Num: 102
Candidate Starts for PherrisBueller_12:
(Start: 102 @6899 has 400 MA's), (Start: 309 @7079 has 15 MA's), (381, 7163), (408, 7199), (513, 7349), (581, 7457), (620, 7547), (631, 7571), (647, 7598), (679, 7646), (774, 7802), (809, 7862), (1009, 8096), (1021, 8108), (1080, 8150), (1100, 8171), (1117, 8198), (1193, 8306), (1279, 8396), (1365, 8501),

Gene: PherryCruz_6 Start: 2653, Stop: 4398, Start Num: 307
Candidate Starts for PherryCruz_6:
(Start: 307 @2653 has 198 MA's), (310, 2659), (342, 2707), (363, 2746), (367, 2752), (516, 3049), (556, 3127), (572, 3148), (599, 3217), (644, 3319), (750, 3505), (808, 3610), (892, 3733), (950, 3805), (1071, 3946), (1120, 4015), (1123, 4018), (1223, 4156), (1274, 4225), (1290, 4246), (1293, 4249), (1299, 4258), (1315, 4276), (1336, 4306), (1370, 4348), (1372, 4351),

Gene: PhesterPhotato_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for PhesterPhotato_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010,

1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: Phettuccine_6 Start: 2402, Stop: 4048, Start Num: 95
Candidate Starts for Phettuccine_6:
(Start: 95 @2402 has 98 MA's), (Start: 113 @2420 has 11 MA's), (Start: 330 @2624 has 14 MA's), (407, 2705), (504, 2840), (515, 2861), (575, 2948), (603, 3020), (620, 3044), (680, 3143), (722, 3197), (803, 3296), (838, 3356), (992, 3518), (997, 3527), (1088, 3617), (1113, 3644), (1164, 3722), (1165, 3725), (1193, 3764), (1214, 3785), (1219, 3791), (1236, 3809), (1325, 3905), (1372, 3965),

Gene: PhigPhack_3 Start: 689, Stop: 2317, Start Num: 225
Candidate Starts for PhigPhack_3:
(Start: 225 @689 has 84 MA's), (339, 845), (431, 953), (490, 1037), (503, 1061), (518, 1079), (569, 1136), (594, 1187), (595, 1190), (620, 1250), (628, 1268), (643, 1298), (662, 1328), (1003, 1784), (1020, 1799), (1328, 2150), (1369, 2198), (1464, 2306),

Gene: Phighter1804_11 Start: 6860, Stop: 8557, Start Num: 102
Candidate Starts for Phighter1804_11:
(Start: 102 @6860 has 400 MA's), (Start: 124 @6884 has 46 MA's), (Start: 251 @7007 has 3 MA's), (350, 7097), (381, 7130), (467, 7229), (512, 7313), (513, 7316), (538, 7355), (581, 7424), (593, 7448), (620, 7514), (675, 7604), (774, 7769), (825, 7856), (848, 7889), (923, 7955), (981, 8027), (983, 8030), (999, 8054), (1064, 8105), (1080, 8120), (1113, 8159), (1129, 8180), (1193, 8276), (1405, 8513), (1435, 8543), (1438, 8546),

Gene: Phillis_9 Start: 5664, Stop: 7418, Start Num: 67
Candidate Starts for Phillis_9:
(Start: 67 @5664 has 32 MA's), (92, 5706), (Start: 128 @5745 has 7 MA's), (241, 5853), (424, 6060), (490, 6138), (567, 6261), (579, 6288), (620, 6369), (693, 6498), (793, 6663), (812, 6696), (926, 6816), (981, 6888), (983, 6891), (1100, 7002), (1129, 7041), (1193, 7137), (1292, 7242), (1372, 7341), (1405, 7374), (1438, 7407), (1443, 7413),

Gene: Philonius_2 Start: 501, Stop: 2036, Start Num: 227
Candidate Starts for Philonius_2:
(Start: 227 @501 has 25 MA's), (Start: 230 @504 has 31 MA's), (246, 516), (Start: 249 @519 has 1 MA's), (292, 576), (Start: 307 @594 has 198 MA's), (316, 606), (390, 678), (Start: 403 @696 has 1 MA's), (412, 714), (422, 735), (474, 798), (490, 837), (507, 870), (539, 918), (583, 1002), (593, 1017), (613, 1068), (618, 1077), (637, 1101), (659, 1140), (661, 1143), (677, 1155), (747, 1281), (766, 1305), (808, 1368), (878, 1452), (950, 1524), (962, 1548), (981, 1590), (987, 1599), (1043, 1656), (1080, 1695), (1136, 1752), (1146, 1758), (1152, 1761), (1187, 1782), (1226, 1830), (1278, 1866), (1349, 1947), (1353, 1953),

Gene: Philus_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for Philus_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 204 @617 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (261, 674), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (414, 851), (454, 905), (473, 917), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (736, 1388), (740, 1397), (862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1250, 1979), (1265, 2006), (1297, 2039), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: Phineas_2 Start: 401, Stop: 2077, Start Num: 138
Candidate Starts for Phineas_2:
(Start: 138 @401 has 120 MA's), (Start: 318 @617 has 1 MA's), (349, 656), (380, 713), (384, 719), (396, 737), (421, 782), (426, 794), (431, 803), (444, 809), (483, 866), (490, 887), (495, 899), (558, 989), (659, 1178), (745, 1274), (766, 1304), (778, 1325), (919, 1478), (1107, 1676), (1112, 1685), (1139, 1712), (1172, 1754), (1187, 1772), (1278, 1856), (1290, 1871), (1463, 2060),

Gene: PhinkBoden_30 Start: 9066, Stop: 10814, Start Num: 148
Candidate Starts for PhinkBoden_30:
(Start: 148 @9066 has 26 MA's), (Start: 176 @9096 has 3 MA's), (325, 9225), (457, 9411), (473, 9450), (488, 9474), (502, 9504), (512, 9522), (529, 9549), (543, 9579), (645, 9771), (654, 9789), (756, 9951), (787, 9999), (797, 10014), (963, 10197), (966, 10203), (1026, 10287), (1086, 10374), (1115, 10407), (1198, 10521), (1229, 10557), (1250, 10581), (1258, 10596), (1412, 10770), (1418, 10776),

Gene: PhirstandPhine_4 Start: 1013, Stop: 2494, Start Num: 309
Candidate Starts for PhirstandPhine_4:
(Start: 171 @848 has 16 MA's), (Start: 309 @1013 has 15 MA's), (334, 1052), (Start: 397 @1103 has 4 MA's), (405, 1115), (422, 1151), (431, 1169), (569, 1352), (620, 1466), (625, 1478), (628, 1484), (650, 1526), (658, 1538), (665, 1547), (677, 1562), (713, 1619), (961, 1934), (1003, 2000), (1015, 2012), (1048, 2045), (1096, 2084), (1105, 2096), (1117, 2117), (1151, 2162), (1176, 2192), (1212, 2237), (1257, 2279), (1364, 2402), (1369, 2408), (1385, 2429), (1394, 2441), (1447, 2480), (1449, 2483),

Gene: Phisb_3 Start: 677, Stop: 2305, Start Num: 225
Candidate Starts for Phisb_3:
(Start: 225 @677 has 84 MA's), (339, 833), (431, 941), (490, 1025), (503, 1049), (518, 1067), (569, 1124), (594, 1175), (595, 1178), (620, 1238), (628, 1256), (643, 1286), (662, 1316), (1003, 1772), (1020, 1787), (1219, 2015), (1328, 2138), (1369, 2186), (1464, 2294),

Gene: Phish_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for Phish_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: PhishRPhriends_12 Start: 6220, Stop: 7920, Start Num: 105
Candidate Starts for PhishRPhriends_12:
(Start: 105 @6220 has 85 MA's), (Start: 145 @6268 has 1 MA's), (Start: 232 @6340 has 1 MA's), (302, 6403), (513, 6682), (620, 6880), (675, 6970), (718, 7033), (809, 7195), (983, 7393), (999, 7417), (1001, 7420), (1080, 7483), (1088, 7495), (1100, 7504), (1113, 7522), (1129, 7543), (1193, 7639), (1241, 7693), (1279, 7729), (1405, 7876), (1435, 7906), (1438, 7909),

Gene: Phives_3 Start: 1606, Stop: 3312, Start Num: 124
Candidate Starts for Phives_3:
(Start: 124 @1606 has 46 MA's), (513, 2035), (546, 2083), (595, 2173), (667, 2305), (693, 2347), (881, 2599), (983, 2722), (1165, 2941), (1193, 2977), (1209, 2992), (1292, 3127), (1372, 3223), (1381, 3235),

Gene: Phlei_8 Start: 7957, Stop: 9663, Start Num: 147
Candidate Starts for Phlei_8:

(Start: 103 @7912 has 236 MA's), (147, 7957), (288, 8119), (298, 8137), (Start: 330 @8188 has 14 MA's), (381, 8236), (424, 8299), (487, 8368), (490, 8377), (513, 8422), (581, 8533), (593, 8557), (594, 8560), (620, 8623), (623, 8632), (631, 8647), (679, 8722), (722, 8779), (735, 8815), (751, 8839), (803, 8923), (825, 8965), (914, 9052), (923, 9064), (983, 9139), (992, 9151), (999, 9163), (1001, 9166), (1080, 9226), (1113, 9265), (1117, 9274), (1129, 9286), (1193, 9382), (1250, 9451), (1365, 9577), (1372, 9586), (1374, 9589), (1405, 9619), (1433, 9646), (1435, 9649),

Gene: PhlipPhlop_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for PhlipPhlop_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: Phloodle_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for Phloodle_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Phlorence_9 Start: 6269, Stop: 8047, Start Num: 54
Candidate Starts for Phlorence_9:
(Start: 54 @6269 has 19 MA's), (Start: 67 @6296 has 32 MA's), (Start: 115 @6365 has 1 MA's), (147, 6404), (Start: 237 @6479 has 1 MA's), (241, 6485), (362, 6617), (424, 6692), (425, 6695), (523, 6830), (551, 6869), (567, 6893), (620, 7001), (641, 7046), (690, 7124), (693, 7130), (793, 7295), (812, 7328), (825, 7349), (983, 7523), (999, 7547), (1001, 7550), (1080, 7610), (1088, 7622), (1113, 7649), (1129, 7670), (1182, 7754), (1193, 7766), (1405, 8003), (1438, 8036), (1443, 8042),

Gene: Phloss_2 Start: 504, Stop: 2036, Start Num: 230
Candidate Starts for Phloss_2:
(Start: 227 @501 has 25 MA's), (Start: 230 @504 has 31 MA's), (246, 516), (Start: 249 @519 has 1 MA's), (292, 576), (Start: 307 @594 has 198 MA's), (316, 606), (390, 678), (Start: 403 @696 has 1 MA's), (412, 714), (422, 735), (474, 798), (490, 837), (507, 870), (539, 918), (583, 1002), (593, 1017), (613, 1068), (618, 1077), (637, 1101), (659, 1140), (661, 1143), (677, 1155), (747, 1281), (766, 1305), (808, 1368), (878, 1452), (950, 1524), (962, 1548), (981, 1590), (987, 1599), (1043, 1656), (1080, 1695), (1136, 1752), (1146, 1758), (1152, 1761), (1187, 1782), (1226, 1830), (1278, 1866), (1349, 1947), (1353, 1953),

Gene: PhluffyCoco_2 Start: 370, Stop: 1992, Start Num: 193
Candidate Starts for PhluffyCoco_2:
(Start: 171 @349 has 16 MA's), (Start: 193 @370 has 21 MA's), (Start: 397 @601 has 4 MA's), (399, 604), (405, 613), (422, 649), (431, 667), (488, 745), (569, 850), (620, 964), (631, 988), (650, 1024), (665, 1045), (677, 1060), (713, 1120), (774, 1204), (954, 1420), (961, 1432), (975, 1459), (1003, 1498), (1009, 1504), (1048, 1543), (1080, 1570), (1096, 1582), (1117, 1615), (1126, 1627), (1151, 1660), (1305, 1831), (1364, 1900), (1369, 1906), (1385, 1927), (1403, 1948), (1447, 1978), (1449, 1981),

(1451, 1984),

Gene: Phoebe_13 Start: 6955, Stop: 8655, Start Num: 105
Candidate Starts for Phoebe_13:
(Start: 105 @6955 has 85 MA's), (Start: 145 @7003 has 1 MA's), (302, 7138), (467, 7330), (513, 7417), (620, 7615), (675, 7705), (718, 7768), (809, 7930), (983, 8128), (999, 8152), (1001, 8155), (1080, 8218), (1100, 8239), (1129, 8278), (1193, 8374), (1241, 8428), (1279, 8464), (1405, 8611), (1435, 8641), (1438, 8644),

Gene: Phomeo_23 Start: 12804, Stop: 14531, Start Num: 153
Candidate Starts for Phomeo_23:
(30, 12570), (Start: 72 @12699 has 7 MA's), (Start: 153 @12804 has 15 MA's), (Start: 317 @12954 has 15 MA's), (351, 13005), (353, 13011), (379, 13050), (Start: 403 @13080 has 1 MA's), (414, 13104), (424, 13122), (437, 13149), (464, 13212), (473, 13230), (621, 13515), (635, 13542), (691, 13626), (740, 13710), (748, 13722), (768, 13755), (824, 13833), (883, 13911), (983, 13983), (1007, 14016), (1054, 14079), (1080, 14106), (1104, 14130), (1117, 14154), (1196, 14253), (1237, 14301), (1365, 14439), (1387, 14469), (1445, 14523),

Gene: Phonnegut_13 Start: 8163, Stop: 9929, Start Num: 121
Candidate Starts for Phonnegut_13:
(Start: 103 @8142 has 236 MA's), (Start: 117 @8157 has 10 MA's), (Start: 121 @8163 has 5 MA's), (241, 8274), (298, 8373), (424, 8535), (487, 8607), (513, 8661), (538, 8700), (581, 8772), (620, 8862), (631, 8886), (704, 9003), (722, 9018), (778, 9126), (823, 9201), (848, 9237), (898, 9297), (992, 9417), (1006, 9438), (1064, 9477), (1113, 9531), (1115, 9534), (1129, 9552), (1163, 9606), (1182, 9636), (1193, 9648), (1279, 9738), (1295, 9756), (1405, 9885), (1433, 9912), (1435, 9915),

Gene: Phontbonne_11 Start: 6828, Stop: 8525, Start Num: 102
Candidate Starts for Phontbonne_11:
(28, 6651), (34, 6669), (38, 6699), (Start: 102 @6828 has 400 MA's), (Start: 124 @6852 has 46 MA's), (Start: 251 @6975 has 3 MA's), (350, 7065), (381, 7098), (467, 7197), (512, 7281), (513, 7284), (538, 7323), (581, 7392), (593, 7416), (620, 7482), (675, 7572), (774, 7737), (825, 7824), (848, 7857), (923, 7923), (981, 7995), (983, 7998), (999, 8022), (1064, 8073), (1080, 8088), (1113, 8127), (1129, 8148), (1193, 8244), (1405, 8481), (1435, 8511), (1438, 8514),

Gene: PhorbesPhlower_2 Start: 375, Stop: 1757, Start Num: 297
Candidate Starts for PhorbesPhlower_2:
(Start: 225 @312 has 84 MA's), (Start: 297 @375 has 6 MA's), (365, 486), (463, 615), (490, 675), (517, 714), (583, 804), (602, 846), (611, 870), (623, 894), (636, 903), (640, 912), (641, 915), (773, 1041), (851, 1158), (940, 1239), (959, 1266), (962, 1272), (1042, 1341), (1082, 1383), (1111, 1410), (1129, 1425), (1150, 1455), (1157, 1470), (1160, 1476), (1187, 1500), (1263, 1575), (1283, 1590), (1348, 1674), (1353, 1680), (1358, 1686), (1364, 1692), (1367, 1695),

Gene: Phoxy_13 Start: 7041, Stop: 8741, Start Num: 105
Candidate Starts for Phoxy_13:
(Start: 105 @7041 has 85 MA's), (Start: 145 @7089 has 1 MA's), (302, 7224), (467, 7416), (513, 7503), (620, 7701), (675, 7791), (718, 7854), (809, 8016), (983, 8214), (999, 8238), (1001, 8241), (1080, 8304), (1100, 8325), (1129, 8364), (1193, 8460), (1241, 8514), (1279, 8550), (1405, 8697), (1435, 8727), (1438, 8730),

Gene: Phrank_7 Start: 1515, Stop: 2942, Start Num: 247
Candidate Starts for Phrank_7:
(Start: 247 @1515 has 171 MA's), (Start: 322 @1605 has 1 MA's), (Start: 336 @1629 has 12 MA's), (342, 1635), (391, 1713), (402, 1722), (425, 1770), (444, 1788), (487, 1857), (505, 1896), (517, 1905),

(532, 1932), (591, 2010), (607, 2052), (611, 2061), (675, 2142), (742, 2190), (792, 2256), (816, 2298), (820, 2304), (827, 2316), (834, 2322), (851, 2346), (870, 2370), (875, 2376), (893, 2397), (962, 2466), (993, 2508), (1107, 2601), (1111, 2607), (1112, 2610), (1146, 2643), (1160, 2673), (1187, 2697), (1235, 2745), (1353, 2874), (1425, 2931), (1431, 2937),

Gene: Phrank15_2 Start: 597, Stop: 2330, Start Num: 171
Candidate Starts for Phrank15_2:
(Start: 171 @597 has 16 MA's), (Start: 253 @690 has 2 MA's), (Start: 256 @693 has 6 MA's), (Start: 330 @783 has 14 MA's), (346, 807), (364, 843), (377, 846), (415, 906), (473, 1014), (513, 1101), (525, 1119), (571, 1188), (615, 1278), (631, 1311), (636, 1320), (650, 1341), (677, 1377), (761, 1512), (765, 1518), (808, 1557), (854, 1626), (956, 1692), (962, 1704), (987, 1740), (1029, 1788), (1062, 1824), (1113, 1881), (1150, 1944), (1194, 2028), (1214, 2052), (1241, 2094), (1292, 2151), (1295, 2154), (1304, 2166), (1365, 2235), (1397, 2277), (1422, 2304), (1433, 2316),

Gene: Phrankenstein_8 Start: 3156, Stop: 4838, Start Num: 107
Candidate Starts for Phrankenstein_8:
(Start: 107 @3156 has 35 MA's), (Start: 309 @3342 has 15 MA's), (362, 3414), (381, 3426), (402, 3450), (408, 3462), (513, 3615), (523, 3630), (567, 3690), (620, 3798), (647, 3855), (770, 4053), (780, 4071), (812, 4125), (956, 4269), (981, 4308), (983, 4311), (1006, 4344), (1088, 4413), (1193, 4557), (1236, 4602), (1292, 4662), (1372, 4761), (1405, 4794), (1433, 4821), (1435, 4824), (1438, 4827),

Gene: Phrann_2 Start: 509, Stop: 2044, Start Num: 227
Candidate Starts for Phrann_2:
(Start: 227 @509 has 25 MA's), (Start: 230 @512 has 31 MA's), (Start: 249 @527 has 1 MA's), (292, 584), (Start: 307 @602 has 198 MA's), (316, 614), (331, 635), (Start: 333 @638 has 4 MA's), (390, 686), (412, 722), (422, 743), (474, 806), (539, 926), (583, 1010), (613, 1076), (659, 1148), (661, 1151), (677, 1163), (747, 1289), (766, 1313), (808, 1376), (878, 1460), (940, 1517), (950, 1532), (987, 1607), (1003, 1625), (1152, 1769), (1187, 1790), (1213, 1823), (1226, 1838), (1278, 1874), (1346, 1952), (1349, 1955), (1353, 1961),

Gene: Phranny_14 Start: 7027, Stop: 8727, Start Num: 105
Candidate Starts for Phranny_14:
(Start: 105 @7027 has 85 MA's), (Start: 145 @7075 has 1 MA's), (302, 7210), (513, 7489), (620, 7687), (675, 7777), (718, 7840), (809, 8002), (983, 8200), (999, 8224), (1001, 8227), (1080, 8290), (1088, 8302), (1100, 8311), (1113, 8329), (1129, 8350), (1193, 8446), (1241, 8500), (1279, 8536), (1405, 8683), (1435, 8713), (1438, 8716),

Gene: Phreak_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for Phreak_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: PhriskyACE_2 Start: 318, Stop: 1877, Start Num: 151
Candidate Starts for PhriskyACE_2:
(88, 258), (Start: 151 @318 has 55 MA's), (259, 426), (Start: 318 @504 has 1 MA's), (342, 537), (421, 621), (425, 630), (465, 666), (501, 744), (566, 816), (568, 819), (583, 855), (607, 912), (611, 921), (620, 936), (680, 1020), (723, 1071), (778, 1137), (808, 1179), (919, 1293), (962, 1344), (971, 1365), (1009, 1410), (1054, 1446), (1057, 1449), (1109, 1491), (1112, 1497), (1146, 1530), (1216, 1620), (1226, 1632), (1280, 1671), (1461, 1860),

Gene: PhrostedPhlake_2 Start: 360, Stop: 1928, Start Num: 173
Candidate Starts for PhrostedPhlake_2:
(65, 255), (Start: 119 @333 has 2 MA's), (Start: 173 @360 has 36 MA's), (259, 444), (289, 477), (Start: 318 @519 has 1 MA's), (Start: 333 @537 has 4 MA's), (342, 552), (384, 573), (399, 594), (419, 633), (465, 693), (483, 729), (487, 741), (515, 786), (520, 795), (539, 822), (593, 900), (648, 1005), (661, 1020), (675, 1035), (745, 1113), (778, 1164), (919, 1320), (956, 1359), (973, 1398), (1002, 1431), (1015, 1443), (1071, 1488), (1074, 1491), (1078, 1497), (1107, 1518), (1112, 1527), (1113, 1530), (1146, 1560), (1174, 1599), (1278, 1701), (1317, 1743), (1326, 1758), (1346, 1779), (1358, 1794), (1449, 1890), (1459, 1902), (1463, 1911),

Gene: PhrostyMug_11 Start: 7045, Stop: 8733, Start Num: 102
Candidate Starts for PhrostyMug_11:
(Start: 102 @7045 has 400 MA's), (381, 7309), (402, 7333), (513, 7495), (535, 7528), (581, 7603), (620, 7693), (631, 7717), (647, 7744), (679, 7792), (774, 7948), (809, 8008), (1001, 8233), (1009, 8242), (1021, 8254), (1080, 8296), (1100, 8317), (1117, 8344), (1193, 8452), (1279, 8542), (1365, 8647),

Gene: Phrux_8 Start: 2260, Stop: 3930, Start Num: 394
Candidate Starts for Phrux_8:
(Start: 394 @2260 has 48 MA's), (427, 2323), (551, 2557), (598, 2659), (693, 2839), (710, 2863), (724, 2881), (732, 2893), (768, 2956), (776, 2968), (808, 3013), (815, 3028), (873, 3106), (911, 3151), (934, 3205), (935, 3211), (1000, 3325), (1104, 3469), (1116, 3490), (1124, 3505), (1218, 3658), (1232, 3670), (1279, 3727), (1307, 3763), (1346, 3814), (1372, 3850), (1374, 3853), (1438, 3919),

Gene: Piatt_8 Start: 1637, Stop: 3058, Start Num: 247
Candidate Starts for Piatt_8:
(Start: 165 @1565 has 76 MA's), (Start: 230 @1625 has 31 MA's), (Start: 247 @1637 has 171 MA's), (Start: 336 @1748 has 12 MA's), (342, 1754), (391, 1832), (402, 1841), (425, 1889), (444, 1907), (487, 1976), (514, 2018), (517, 2024), (532, 2051), (533, 2054), (607, 2171), (611, 2180), (675, 2261), (792, 2375), (820, 2423), (827, 2435), (851, 2465), (870, 2489), (880, 2501), (959, 2579), (962, 2585), (1112, 2729), (1146, 2762), (1187, 2816), (1353, 2993), (1425, 3047),

Gene: Picconator_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for Picconator_3:
(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (806, 1881), (817, 1896), (842, 1932), (880, 1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298), (1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: Pickett_2 Start: 318, Stop: 1889, Start Num: 151
Candidate Starts for Pickett_2:
(Start: 151 @318 has 55 MA's), (Start: 318 @504 has 1 MA's), (342, 537), (421, 621), (425, 630), (465, 666), (491, 726), (566, 816), (568, 819), (607, 912), (620, 936), (648, 978), (689, 1032), (723, 1071), (778, 1137), (789, 1149), (808, 1179), (840, 1212), (919, 1293), (959, 1338), (962, 1344), (971, 1365), (1054, 1455), (1109, 1500), (1112, 1506), (1142, 1536), (1146, 1539), (1187, 1593), (1216, 1629), (1280, 1680), (1331, 1740), (1334, 1743), (1371, 1785), (1461, 1872),

Gene: PickleBack_9 Start: 5979, Stop: 7757, Start Num: 54
Candidate Starts for PickleBack_9:
(Start: 54 @5979 has 19 MA's), (Start: 67 @6006 has 32 MA's), (Start: 115 @6075 has 1 MA's), (147, 6114), (Start: 237 @6189 has 1 MA's), (241, 6195), (362, 6327), (424, 6402), (425, 6405), (523, 6540), (551, 6579), (567, 6603), (620, 6711), (641, 6756), (690, 6834), (693, 6840), (793, 7005), (812, 7038),

(825, 7059), (983, 7233), (999, 7257), (1001, 7260), (1080, 7320), (1088, 7332), (1113, 7359), (1129, 7380), (1182, 7464), (1193, 7476), (1405, 7713), (1438, 7746), (1443, 7752),

Gene: Picnic_3 Start: 1074, Stop: 2534, Start Num: 250
Candidate Starts for Picnic_3:
(Start: 250 @1074 has 144 MA's), (358, 1242), (363, 1251), (399, 1311), (444, 1380), (465, 1401), (488, 1452), (619, 1656), (806, 1869), (817, 1884), (842, 1920), (880, 1962), (911, 1995), (926, 2013), (1015, 2133), (1020, 2136), (1039, 2148), (1113, 2223), (1172, 2286), (1187, 2304), (1190, 2307), (1330, 2469), (1337, 2478), (1344, 2487), (1372, 2526),

Gene: Pimento_6 Start: 1978, Stop: 3408, Start Num: 317
Candidate Starts for Pimento_6:
(Start: 176 @1810 has 3 MA's), (Start: 179 @1813 has 1 MA's), (182, 1816), (188, 1822), (Start: 317 @1978 has 15 MA's), (Start: 330 @1996 has 14 MA's), (431, 2119), (459, 2137), (484, 2185), (536, 2269), (594, 2353), (600, 2368), (613, 2401), (659, 2467), (712, 2536), (752, 2599), (893, 2788), (903, 2800), (954, 2848), (973, 2890), (1023, 2941), (1112, 3019), (1139, 3046), (1187, 3106), (1213, 3139), (1226, 3154), (1278, 3190), (1317, 3232), (1336, 3259), (1371, 3295), (1377, 3301), (1409, 3340),

Gene: Pineda_4 Start: 1013, Stop: 2494, Start Num: 309
Candidate Starts for Pineda_4:
(Start: 171 @848 has 16 MA's), (Start: 309 @1013 has 15 MA's), (334, 1052), (Start: 397 @1103 has 4 MA's), (405, 1115), (422, 1151), (431, 1169), (569, 1352), (620, 1466), (625, 1478), (650, 1526), (665, 1547), (677, 1562), (713, 1619), (961, 1934), (1003, 2000), (1015, 2012), (1048, 2045), (1096, 2084), (1102, 2093), (1105, 2096), (1151, 2162), (1176, 2192), (1212, 2237), (1257, 2279), (1283, 2306), (1286, 2309), (1364, 2402), (1369, 2408), (1385, 2429), (1394, 2441), (1447, 2480), (1449, 2483),

Gene: PinkFriday_2 Start: 599, Stop: 1993, Start Num: 307
Candidate Starts for PinkFriday_2:
(Start: 165 @428 has 76 MA's), (Start: 307 @599 has 198 MA's), (Start: 397 @692 has 4 MA's), (Start: 403 @701 has 1 MA's), (419, 734), (426, 749), (431, 758), (463, 782), (488, 836), (559, 947), (569, 965), (595, 1019), (620, 1079), (650, 1139), (672, 1169), (790, 1268), (818, 1316), (936, 1442), (941, 1451), (961, 1487), (964, 1493), (985, 1529), (1015, 1565), (1085, 1637), (1100, 1643), (1328, 1859), (1404, 1940), (1451, 1979),

Gene: PinkPlastic_10 Start: 6814, Stop: 8502, Start Num: 102
Candidate Starts for PinkPlastic_10:
(Start: 102 @6814 has 400 MA's), (Start: 309 @6994 has 15 MA's), (381, 7078), (408, 7114), (424, 7141), (499, 7237), (513, 7264), (535, 7297), (581, 7372), (620, 7462), (631, 7486), (679, 7561), (728, 7630), (774, 7717), (778, 7726), (809, 7777), (1009, 8011), (1021, 8023), (1080, 8065), (1100, 8086), (1117, 8113), (1193, 8221), (1279, 8311), (1365, 8416),

Gene: PinkYoshi_2 Start: 359, Stop: 1891, Start Num: 161
Candidate Starts for PinkYoshi_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Pinnie_3 Start: 905, Stop: 2404, Start Num: 251
Candidate Starts for Pinnie_3:

(147, 803), (Start: 161 @818 has 29 MA's), (Start: 251 @905 has 3 MA's), (Start: 272 @929 has 1 MA's), (310, 986), (463, 1205), (490, 1265), (594, 1430), (607, 1466), (618, 1487), (637, 1511), (640, 1517), (679, 1565), (820, 1718), (880, 1793), (962, 1892), (977, 1916), (1112, 2042), (1152, 2087), (1205, 2150), (1263, 2201), (1280, 2216), (1353, 2309), (1373, 2333), (1387, 2351), (1428, 2396),

Gene: Pinto_13 Start: 7121, Stop: 8809, Start Num: 102
Candidate Starts for Pinto_13:
(Start: 102 @7121 has 400 MA's), (381, 7385), (402, 7409), (513, 7571), (535, 7604), (581, 7679), (620, 7769), (631, 7793), (647, 7820), (679, 7868), (774, 8024), (809, 8084), (1001, 8309), (1009, 8318), (1021, 8330), (1080, 8372), (1100, 8393), (1117, 8420), (1193, 8528), (1279, 8618), (1365, 8723),

Gene: Pioneer_13 Start: 8157, Stop: 9929, Start Num: 117
Candidate Starts for Pioneer_13:
(Start: 103 @8142 has 236 MA's), (Start: 117 @8157 has 10 MA's), (Start: 121 @8163 has 5 MA's), (241, 8274), (298, 8373), (424, 8535), (487, 8607), (513, 8661), (538, 8700), (581, 8772), (620, 8862), (631, 8886), (704, 9003), (722, 9018), (778, 9126), (823, 9201), (848, 9237), (898, 9297), (992, 9417), (1006, 9438), (1064, 9477), (1113, 9531), (1115, 9534), (1129, 9552), (1163, 9606), (1182, 9636), (1193, 9648), (1279, 9738), (1295, 9756), (1405, 9885), (1433, 9912), (1435, 9915),

Gene: Pipcraft_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Pipcraft_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Pipp_2 Start: 359, Stop: 1927, Start Num: 173
Candidate Starts for Pipp_2:
(65, 254), (69, 263), (Start: 173 @359 has 36 MA's), (289, 476), (Start: 318 @518 has 1 MA's), (Start: 333 @536 has 4 MA's), (342, 551), (384, 572), (399, 593), (415, 626), (419, 632), (465, 692), (483, 728), (487, 740), (515, 785), (520, 794), (539, 821), (593, 899), (648, 1004), (661, 1019), (675, 1034), (745, 1112), (778, 1163), (919, 1319), (956, 1358), (959, 1364), (1002, 1430), (1015, 1442), (1071, 1487), (1074, 1490), (1078, 1496), (1107, 1517), (1112, 1526), (1113, 1529), (1146, 1559), (1174, 1598), (1224, 1658), (1278, 1700), (1317, 1742), (1326, 1757), (1346, 1778), (1358, 1793), (1449, 1889), (1459, 1901), (1463, 1910),

Gene: Pippin_13 Start: 7322, Stop: 9010, Start Num: 110
Candidate Starts for Pippin_13:
(Start: 110 @7322 has 24 MA's), (302, 7493), (Start: 309 @7502 has 15 MA's), (381, 7586), (Start: 403 @7613 has 1 MA's), (408, 7622), (513, 7772), (535, 7805), (581, 7880), (620, 7970), (631, 7994), (647, 8021), (679, 8069), (774, 8225), (809, 8285), (1001, 8510), (1009, 8519), (1021, 8531), (1080, 8573), (1100, 8594), (1117, 8621), (1193, 8729), (1279, 8819), (1365, 8924),

Gene: Pippin15_11 Start: 6982, Stop: 8742, Start Num: 307
Candidate Starts for Pippin15_11:
(Start: 307 @6982 has 198 MA's), (Start: 318 @7003 has 1 MA's), (354, 7057), (363, 7075), (367, 7081), (396, 7132), (496, 7336), (505, 7354), (516, 7378), (533, 7411), (556, 7456), (572, 7477), (644, 7648), (666, 7684), (727, 7780), (728, 7786), (750, 7834), (805, 7933), (841, 7996), (847, 8005), (892, 8062), (950, 8146), (956, 8158), (962, 8170), (1053, 8272), (1120, 8359), (1123, 8362), (1273, 8566), (1290, 8590), (1299, 8602), (1363, 8683), (1372, 8695),

Gene: Pippy_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for Pippy_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 204 @617 has 1 MA's), (Start: 217 @629 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (454, 905), (473, 917), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (516, 998), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (736, 1388), (740, 1397), (862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1250, 1979), (1265, 2006), (1297, 2039), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: Pipsqueaks_2 Start: 501, Stop: 2036, Start Num: 227
Candidate Starts for Pipsqueaks_2:
(Start: 227 @501 has 25 MA's), (Start: 230 @504 has 31 MA's), (246, 516), (Start: 249 @519 has 1 MA's), (292, 576), (Start: 307 @594 has 198 MA's), (316, 606), (390, 678), (Start: 403 @696 has 1 MA's), (412, 714), (422, 735), (474, 798), (490, 837), (507, 870), (539, 918), (583, 1002), (593, 1017), (613, 1068), (618, 1077), (637, 1101), (659, 1140), (661, 1143), (677, 1155), (747, 1281), (766, 1305), (808, 1368), (878, 1452), (950, 1524), (962, 1548), (981, 1590), (987, 1599), (1043, 1656), (1080, 1695), (1136, 1752), (1146, 1758), (1152, 1761), (1187, 1782), (1226, 1830), (1278, 1866), (1349, 1947), (1353, 1953),

Gene: Pirate_2 Start: 373, Stop: 1884, Start Num: 228
Candidate Starts for Pirate_2:
(Start: 228 @373 has 40 MA's), (248, 397), (274, 430), (Start: 297 @457 has 6 MA's), (314, 475), (Start: 333 @502 has 4 MA's), (334, 505), (Start: 393 @553 has 3 MA's), (Start: 400 @562 has 2 MA's), (405, 568), (424, 607), (426, 613), (465, 646), (474, 664), (485, 688), (487, 694), (506, 733), (512, 742), (513, 745), (533, 784), (535, 787), (572, 856), (591, 901), (593, 904), (602, 925), (607, 940), (611, 949), (618, 961), (641, 1000), (653, 1021), (664, 1036), (667, 1039), (669, 1042), (681, 1063), (776, 1174), (809, 1222), (855, 1288), (922, 1321), (954, 1351), (973, 1393), (1054, 1471), (1062, 1480), (1075, 1492), (1112, 1525), (1130, 1546), (1131, 1549), (1134, 1552), (1143, 1564), (1160, 1594), (1170, 1597), (1184, 1615), (1190, 1621), (1226, 1666), (1278, 1699), (1280, 1702), (1290, 1714), (1299, 1726), (1366, 1792), (1373, 1801), (1378, 1807), (1385, 1816), (1433, 1870), (1443, 1876),

Gene: Piro94_13 Start: 7941, Stop: 9728, Start Num: 103
Candidate Starts for Piro94_13:
(23, 7755), (50, 7857), (Start: 103 @7941 has 236 MA's), (Start: 217 @8049 has 1 MA's), (234, 8070), (298, 8178), (513, 8463), (581, 8571), (620, 8661), (631, 8685), (704, 8802), (722, 8817), (983, 9204), (1113, 9330), (1129, 9351), (1182, 9435), (1193, 9447), (1405, 9684), (1433, 9711), (1435, 9714), (1438, 9717), (1440, 9720),

Gene: Pisa1_7 Start: 1362, Stop: 2783, Start Num: 247
Candidate Starts for Pisa1_7:
(Start: 165 @1290 has 76 MA's), (Start: 230 @1350 has 31 MA's), (Start: 247 @1362 has 171 MA's), (Start: 336 @1473 has 12 MA's), (342, 1479), (391, 1557), (402, 1566), (425, 1614), (444, 1632), (487, 1701), (514, 1743), (517, 1749), (532, 1776), (533, 1779), (607, 1896), (611, 1905), (675, 1986), (792, 2100), (820, 2148), (827, 2160), (851, 2190), (870, 2214), (880, 2226), (962, 2310), (1112, 2454), (1146, 2487), (1187, 2541), (1353, 2718), (1425, 2772),

Gene: Pisa4_7 Start: 1362, Stop: 2783, Start Num: 247
Candidate Starts for Pisa4_7:

(Start: 165 @1290 has 76 MA's), (Start: 230 @1350 has 31 MA's), (Start: 247 @1362 has 171 MA's), (Start: 336 @1473 has 12 MA's), (342, 1479), (391, 1557), (402, 1566), (425, 1614), (444, 1632), (487, 1701), (514, 1743), (517, 1749), (532, 1776), (533, 1779), (607, 1896), (611, 1905), (675, 1986), (792, 2100), (820, 2148), (827, 2160), (851, 2190), (870, 2214), (880, 2226), (962, 2310), (1112, 2454), (1146, 2487), (1187, 2541), (1353, 2718), (1425, 2772),

Gene: Pistachio_12 Start: 6043, Stop: 7740, Start Num: 102
Candidate Starts for Pistachio_12:
(Start: 102 @6043 has 400 MA's), (Start: 124 @6067 has 46 MA's), (168, 6115), (381, 6313), (424, 6376), (508, 6487), (513, 6499), (538, 6538), (550, 6550), (581, 6607), (593, 6631), (620, 6697), (623, 6706), (675, 6787), (690, 6814), (774, 6952), (825, 7039), (848, 7072), (923, 7138), (983, 7213), (999, 7237), (1001, 7240), (1006, 7246), (1015, 7255), (1064, 7288), (1080, 7303), (1129, 7363), (1193, 7459), (1236, 7504), (1241, 7513), (1374, 7666), (1405, 7696), (1435, 7726), (1438, 7729),

Gene: Pita2_13 Start: 7479, Stop: 9167, Start Num: 102
Candidate Starts for Pita2_13:
(Start: 102 @7479 has 400 MA's), (Start: 309 @7659 has 15 MA's), (381, 7743), (408, 7779), (424, 7806), (513, 7929), (581, 8037), (620, 8127), (631, 8151), (647, 8178), (679, 8226), (774, 8382), (809, 8442), (1009, 8676), (1021, 8688), (1080, 8730), (1100, 8751), (1117, 8778), (1193, 8886), (1279, 8976), (1365, 9081),

Gene: PitaDog_2 Start: 426, Stop: 1991, Start Num: 165
Candidate Starts for PitaDog_2:
(Start: 165 @426 has 76 MA's), (270, 549), (Start: 317 @615 has 15 MA's), (Start: 333 @636 has 4 MA's), (334, 639), (Start: 397 @690 has 4 MA's), (419, 732), (431, 756), (463, 780), (557, 942), (620, 1077), (630, 1098), (650, 1137), (770, 1236), (790, 1266), (803, 1281), (818, 1314), (852, 1362), (861, 1371), (941, 1449), (961, 1485), (983, 1524), (1009, 1557), (1020, 1566), (1046, 1593), (1105, 1647), (1133, 1689), (1197, 1734), (1212, 1755), (1232, 1779), (1328, 1857),

Gene: Pitbull_2 Start: 374, Stop: 1795, Start Num: 297
Candidate Starts for Pitbull_2:
(Start: 191 @278 has 4 MA's), (199, 287), (Start: 238 @317 has 22 MA's), (Start: 297 @374 has 6 MA's), (Start: 299 @377 has 5 MA's), (310, 395), (Start: 336 @437 has 12 MA's), (399, 533), (402, 536), (422, 578), (430, 593), (434, 599), (465, 623), (482, 656), (487, 671), (490, 680), (568, 773), (611, 875), (613, 878), (637, 920), (641, 929), (748, 1022), (813, 1118), (820, 1127), (827, 1139), (906, 1232), (925, 1250), (979, 1310), (1010, 1349), (1019, 1355), (1112, 1436), (1125, 1448), (1166, 1505), (1168, 1508), (1195, 1538), (1220, 1571), (1235, 1586), (1237, 1589), (1263, 1610), (1277, 1622), (1284, 1628), (1383, 1745), (1392, 1757), (1421, 1784), (1423, 1787),

Gene: Pixelle_2 Start: 533, Stop: 2239, Start Num: 124
Candidate Starts for Pixelle_2:
(Start: 124 @533 has 46 MA's), (214, 599), (486, 905), (513, 962), (525, 983), (546, 1010), (595, 1100), (623, 1154), (645, 1199), (693, 1274), (881, 1526), (983, 1649), (1146, 1829), (1193, 1904), (1209, 1919), (1292, 2054), (1325, 2090), (1372, 2150), (1381, 2162), (1413, 2192),

Gene: Pixie_7 Start: 1239, Stop: 2663, Start Num: 247
Candidate Starts for Pixie_7:
(Start: 230 @1227 has 31 MA's), (Start: 247 @1239 has 171 MA's), (Start: 322 @1326 has 1 MA's), (Start: 336 @1350 has 12 MA's), (391, 1434), (402, 1443), (444, 1509), (463, 1527), (487, 1578), (514, 1620), (517, 1626), (532, 1653), (591, 1731), (607, 1773), (611, 1782), (675, 1863), (686, 1881), (792, 1977), (820, 2025), (827, 2037), (851, 2067), (870, 2091), (880, 2103), (962, 2187), (992, 2229), (1002, 2241), (1111, 2328), (1112, 2331), (1150, 2373), (1157, 2388), (1160, 2394), (1184, 2415), (1187, 2418), (1353, 2595), (1431, 2658),

Gene: Plagueis_2 Start: 359, Stop: 1891, Start Num: 161
Candidate Starts for Plagueis_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Pleakley_33 Start: 12932, Stop: 14611, Start Num: 152
Candidate Starts for Pleakley_33:
(Start: 152 @12932 has 15 MA's), (Start: 157 @12938 has 1 MA's), (261, 13043), (353, 13142), (379, 13181), (Start: 403 @13211 has 1 MA's), (414, 13235), (516, 13391), (621, 13592), (647, 13637), (740, 13787), (748, 13799), (1007, 14093), (1034, 14126), (1104, 14207), (1196, 14330), (1203, 14342), (1258, 14405), (1320, 14474), (1365, 14516), (1387, 14546), (1432, 14588), (1445, 14603),

Gene: Pmask_15 Start: 7523, Stop: 9277, Start Num: 103
Candidate Starts for Pmask_15:
(Start: 103 @7523 has 236 MA's), (298, 7754), (Start: 330 @7805 has 14 MA's), (362, 7841), (424, 7916), (513, 8039), (538, 8078), (581, 8147), (593, 8171), (594, 8174), (620, 8237), (631, 8261), (718, 8390), (722, 8393), (780, 8504), (914, 8666), (983, 8753), (992, 8765), (999, 8777), (1064, 8825), (1080, 8840), (1113, 8879), (1129, 8900), (1182, 8984), (1193, 8996), (1405, 9233), (1433, 9260), (1435, 9263),

Gene: PoRanda_3 Start: 1104, Stop: 2564, Start Num: 250
Candidate Starts for PoRanda_3:
(Start: 250 @1104 has 144 MA's), (Start: 254 @1110 has 2 MA's), (358, 1272), (363, 1281), (399, 1341), (444, 1410), (465, 1431), (483, 1467), (488, 1482), (619, 1686), (755, 1821), (806, 1899), (817, 1914), (829, 1932), (842, 1950), (880, 1992), (911, 2025), (926, 2043), (1015, 2163), (1020, 2166), (1039, 2178), (1047, 2190), (1113, 2253), (1160, 2310), (1172, 2316), (1178, 2325), (1187, 2334), (1190, 2337), (1330, 2499), (1337, 2508), (1344, 2517), (1372, 2556),

Gene: Pocahontas_12 Start: 7041, Stop: 8738, Start Num: 102
Candidate Starts for Pocahontas_12:
(Start: 102 @7041 has 400 MA's), (Start: 124 @7065 has 46 MA's), (381, 7311), (508, 7485), (513, 7497), (538, 7536), (550, 7548), (581, 7605), (593, 7629), (620, 7695), (623, 7704), (675, 7785), (693, 7818), (774, 7950), (780, 7962), (812, 8016), (825, 8037), (848, 8070), (914, 8124), (983, 8211), (999, 8235), (1001, 8238), (1006, 8244), (1015, 8253), (1080, 8301), (1113, 8340), (1115, 8343), (1129, 8361), (1193, 8457), (1241, 8511), (1374, 8664), (1405, 8694), (1435, 8724), (1438, 8727),

Gene: Poco6_016 Start: 15744, Stop: 17489, Start Num: 307
Candidate Starts for Poco6_016:
(Start: 307 @15744 has 198 MA's), (310, 15750), (342, 15798), (363, 15837), (367, 15843), (417, 15933), (435, 15966), (489, 16080), (556, 16218), (570, 16236), (572, 16239), (599, 16308), (631, 16380), (644, 16410), (675, 16455), (722, 16536), (727, 16542), (750, 16596), (785, 16662), (805, 16695), (808, 16701), (837, 16752), (872, 16800), (892, 16824), (1052, 17016), (1053, 17019), (1058, 17025), (1104, 17076), (1111, 17085), (1117, 17100), (1120, 17106), (1123, 17109), (1160, 17169), (1290, 17337), (1299, 17349), (1370, 17439), (1372, 17442),

Gene: PoeMe_8 Start: 3533, Stop: 5266, Start Num: 307
Candidate Starts for PoeMe_8:

(Start: 307 @3533 has 198 MA's), (367, 3632), (493, 3869), (516, 3917), (556, 3995), (570, 4013), (572, 4016), (599, 4085), (644, 4187), (656, 4211), (693, 4268), (750, 4373), (805, 4472), (820, 4502), (847, 4544), (892, 4601), (950, 4670), (956, 4682), (1053, 4796), (1071, 4814), (1120, 4883), (1123, 4886), (1249, 5066), (1273, 5090), (1290, 5114), (1299, 5126), (1309, 5138), (1334, 5171), (1370, 5216), (1372, 5219),

Gene: Poenanya_2 Start: 571, Stop: 2208, Start Num: 155
Candidate Starts for Poenanya_2:
(Start: 155 @571 has 202 MA's), (163, 580), (Start: 176 @595 has 3 MA's), (Start: 247 @652 has 171 MA's), (Start: 250 @655 has 144 MA's), (Start: 318 @718 has 1 MA's), (353, 757), (412, 844), (454, 904), (473, 916), (484, 928), (487, 937), (488, 940), (496, 961), (508, 982), (548, 1054), (575, 1093), (602, 1162), (604, 1168), (621, 1198), (622, 1201), (627, 1210), (635, 1225), (647, 1243), (680, 1294), (736, 1387), (740, 1396), (862, 1567), (874, 1579), (983, 1663), (1005, 1693), (1007, 1696), (1010, 1699), (1080, 1756), (1097, 1771), (1101, 1777), (1104, 1780), (1113, 1795), (1117, 1804), (1164, 1873), (1190, 1903), (1196, 1912), (1225, 1945), (1250, 1978), (1265, 2005), (1297, 2038), (1325, 2068), (1349, 2089), (1365, 2113), (1372, 2122), (1374, 2125), (1429, 2182),

Gene: Poise_35 Start: 10438, Stop: 12180, Start Num: 170
Candidate Starts for Poise_35:
(Start: 170 @10438 has 103 MA's), (302, 10555), (Start: 330 @10600 has 14 MA's), (369, 10666), (374, 10681), (402, 10714), (Start: 403 @10717 has 1 MA's), (411, 10732), (425, 10756), (426, 10759), (467, 10789), (479, 10810), (485, 10828), (488, 10837), (505, 10873), (513, 10888), (543, 10933), (575, 10975), (590, 11014), (595, 11026), (603, 11047), (632, 11098), (647, 11119), (798, 11341), (866, 11446), (874, 11455), (930, 11488), (954, 11509), (956, 11512), (969, 11539), (983, 11569), (992, 11581), (1001, 11596), (1009, 11605), (1015, 11611), (1062, 11653), (1074, 11662), (1084, 11677), (1100, 11692), (1146, 11752), (1163, 11791), (1185, 11824), (1214, 11854), (1217, 11857), (1265, 11941), (1292, 11995), (1304, 12010), (1332, 12037), (1372, 12091), (1451, 12163), (1453, 12166),

Gene: Pokerus_7 Start: 1547, Stop: 2968, Start Num: 247
Candidate Starts for Pokerus_7:
(Start: 165 @1475 has 76 MA's), (Start: 230 @1535 has 31 MA's), (Start: 247 @1547 has 171 MA's), (Start: 336 @1658 has 12 MA's), (342, 1664), (391, 1742), (402, 1751), (425, 1799), (444, 1817), (487, 1886), (514, 1928), (517, 1934), (532, 1961), (533, 1964), (607, 2081), (611, 2090), (675, 2171), (792, 2285), (820, 2333), (827, 2345), (851, 2375), (870, 2399), (880, 2411), (959, 2489), (962, 2495), (1112, 2639), (1146, 2672), (1187, 2726), (1353, 2903), (1425, 2957),

Gene: Polka_3 Start: 684, Stop: 2330, Start Num: 171
Candidate Starts for Polka_3:
(Start: 171 @684 has 16 MA's), (Start: 309 @849 has 15 MA's), (334, 888), (Start: 397 @939 has 4 MA's), (405, 951), (422, 987), (431, 1005), (569, 1188), (620, 1302), (625, 1314), (650, 1362), (665, 1383), (677, 1398), (713, 1455), (961, 1770), (1003, 1836), (1048, 1881), (1096, 1920), (1105, 1932), (1151, 1998), (1176, 2028), (1212, 2073), (1257, 2115), (1283, 2142), (1286, 2145), (1364, 2238), (1369, 2244), (1385, 2265), (1394, 2277), (1447, 2316), (1449, 2319),

Gene: Polka14_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for Polka14_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 217 @629 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (454, 905), (473, 917), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (736, 1388), (740, 1397), (862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781),

(1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1250, 1979), (1265, 2006), (1297, 2039), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: Polkaroo_2 Start: 413, Stop: 2089, Start Num: 138
Candidate Starts for Polkaroo_2:
(Start: 138 @413 has 120 MA's), (Start: 318 @629 has 1 MA's), (349, 668), (380, 725), (384, 731), (396, 749), (421, 794), (426, 806), (431, 815), (444, 821), (483, 878), (490, 899), (495, 911), (558, 1001), (659, 1190), (745, 1286), (766, 1316), (778, 1337), (902, 1478), (919, 1490), (959, 1535), (1107, 1688), (1112, 1697), (1139, 1724), (1172, 1766), (1187, 1784), (1278, 1868), (1290, 1883), (1463, 2072),

Gene: Pollux_2 Start: 485, Stop: 2284, Start Num: 87
Candidate Starts for Pollux_2:
(Start: 87 @485 has 22 MA's), (Start: 207 @623 has 6 MA's), (229, 650), (354, 782), (362, 797), (430, 881), (469, 911), (477, 923), (485, 932), (502, 971), (513, 992), (552, 1052), (573, 1076), (602, 1148), (623, 1184), (642, 1220), (696, 1310), (711, 1331), (732, 1376), (735, 1382), (746, 1400), (759, 1415), (927, 1589), (956, 1616), (1001, 1685), (1006, 1691), (1080, 1757), (1088, 1769), (1102, 1796), (1165, 1907), (1182, 1943), (1193, 1955), (1197, 1961), (1211, 1979), (1234, 2006), (1249, 2030), (1287, 2093), (1325, 2135), (1370, 2192), (1381, 2207), (1399, 2222), (1445, 2270), (1448, 2273),

Gene: Polly_2 Start: 498, Stop: 2222, Start Num: 305
Candidate Starts for Polly_2:
(Start: 295 @483 has 6 MA's), (Start: 305 @498 has 33 MA's), (373, 588), (510, 828), (513, 834), (526, 858), (555, 915), (590, 987), (696, 1185), (728, 1227), (732, 1233), (782, 1317), (807, 1344), (885, 1455), (908, 1482), (1013, 1659), (1191, 1932), (1194, 1935), (1197, 1941), (1212, 1962), (1245, 2001), (1281, 2049), (1289, 2058), (1307, 2082), (1332, 2100), (1374, 2157), (1439, 2214),

Gene: Polo2Bam_2 Start: 652, Stop: 2208, Start Num: 247
Candidate Starts for Polo2Bam_2:
(Start: 155 @571 has 202 MA's), (163, 580), (Start: 176 @595 has 3 MA's), (Start: 217 @628 has 1 MA's), (Start: 247 @652 has 171 MA's), (Start: 250 @655 has 144 MA's), (Start: 318 @718 has 1 MA's), (353, 757), (412, 844), (454, 904), (484, 928), (487, 937), (488, 940), (496, 961), (508, 982), (516, 997), (548, 1054), (575, 1093), (602, 1162), (604, 1168), (621, 1198), (622, 1201), (627, 1210), (635, 1225), (647, 1243), (680, 1294), (736, 1387), (740, 1396), (862, 1567), (874, 1579), (983, 1663), (1005, 1693), (1007, 1696), (1010, 1699), (1080, 1756), (1097, 1771), (1101, 1777), (1104, 1780), (1113, 1795), (1117, 1804), (1164, 1873), (1190, 1903), (1196, 1912), (1225, 1945), (1239, 1963), (1250, 1978), (1265, 2005), (1297, 2038), (1320, 2065), (1325, 2068), (1349, 2089), (1365, 2113), (1372, 2122), (1374, 2125), (1429, 2182),

Gene: Polymorphads_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Polymorphads_11:
(28, 6707), (34, 6725), (38, 6755), (Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Polyphemus_15 Start: 7525, Stop: 9279, Start Num: 103
Candidate Starts for Polyphemus_15:
(Start: 103 @7525 has 236 MA's), (298, 7756), (Start: 330 @7807 has 14 MA's), (362, 7843), (424, 7918), (513, 8041), (538, 8080), (581, 8149), (593, 8173), (594, 8176), (620, 8239), (631, 8263), (718, 8392), (722, 8395), (780, 8506), (914, 8668), (983, 8755), (992, 8767), (999, 8779), (1064, 8827),

(1080, 8842), (1113, 8881), (1129, 8902), (1182, 8986), (1193, 8998), (1405, 9235), (1433, 9262), (1435, 9265),

Gene: Polyyuki_28 Start: 14049, Stop: 15722, Start Num: 155
Candidate Starts for Polyyuki_28:
(Start: 155 @14049 has 202 MA's), (Start: 317 @14193 has 15 MA's), (351, 14244), (379, 14289), (473, 14418), (487, 14439), (496, 14463), (510, 14490), (531, 14523), (571, 14589), (591, 14637), (621, 14700), (635, 14727), (740, 14895), (748, 14907), (824, 15018), (858, 15069), (985, 15168), (1054, 15267), (1064, 15279), (1088, 15306), (1104, 15318), (1113, 15333), (1163, 15408), (1196, 15441), (1225, 15474), (1297, 15558), (1315, 15579), (1365, 15627), (1434, 15702),

Gene: Pomar16_15 Start: 7416, Stop: 9203, Start Num: 103
Candidate Starts for Pomar16_15:
(33, 7257), (36, 7284), (78, 7380), (Start: 103 @7416 has 236 MA's), (Start: 217 @7524 has 1 MA's), (234, 7545), (278, 7611), (298, 7653), (362, 7740), (512, 7935), (513, 7938), (581, 8046), (620, 8136), (631, 8160), (693, 8259), (718, 8289), (722, 8292), (780, 8403), (916, 8592), (1064, 8751), (1080, 8766), (1088, 8778), (1113, 8805), (1129, 8826), (1182, 8910), (1193, 8922), (1279, 9012), (1405, 9159), (1433, 9186), (1435, 9189),

Gene: PondAmelia_5 Start: 960, Stop: 2585, Start Num: 225
Candidate Starts for PondAmelia_5:
(Start: 225 @960 has 84 MA's), (339, 1116), (405, 1170), (431, 1224), (459, 1239), (490, 1308), (520, 1353), (594, 1458), (595, 1461), (620, 1521), (628, 1539), (630, 1542), (643, 1569), (662, 1599), (774, 1761), (956, 1977), (1003, 2052), (1015, 2064), (1328, 2418),

Gene: Pondwater_3 Start: 1074, Stop: 2534, Start Num: 250
Candidate Starts for Pondwater_3:
(Start: 250 @1074 has 144 MA's), (Start: 254 @1080 has 2 MA's), (358, 1242), (363, 1251), (399, 1311), (444, 1380), (465, 1401), (488, 1452), (619, 1656), (806, 1869), (817, 1884), (842, 1920), (880, 1962), (911, 1995), (926, 2013), (1015, 2133), (1020, 2136), (1039, 2148), (1113, 2223), (1172, 2286), (1187, 2304), (1190, 2307), (1330, 2469), (1337, 2478), (1344, 2487), (1372, 2526),

Gene: Pons_4 Start: 897, Stop: 2573, Start Num: 170
Candidate Starts for Pons_4:
(Start: 170 @897 has 103 MA's), (Start: 232 @948 has 1 MA's), (Start: 249 @969 has 1 MA's), (304, 1014), (415, 1158), (477, 1221), (490, 1254), (509, 1290), (513, 1299), (515, 1302), (535, 1335), (543, 1350), (595, 1449), (603, 1470), (625, 1506), (636, 1527), (659, 1563), (701, 1629), (735, 1683), (842, 1863), (866, 1896), (954, 1962), (956, 1965), (987, 2028), (992, 2034), (1146, 2199), (1163, 2232), (1219, 2301), (1226, 2307), (1292, 2379), (1295, 2382), (1370, 2472), (1374, 2478), (1394, 2499), (1454, 2559), (1456, 2562),

Gene: Poochiewood_4 Start: 1058, Stop: 2635, Start Num: 142
Candidate Starts for Poochiewood_4:
(Start: 138 @1052 has 120 MA's), (Start: 142 @1058 has 6 MA's), (293, 1229), (361, 1316), (396, 1334), (402, 1340), (419, 1376), (513, 1514), (515, 1517), (566, 1592), (591, 1646), (593, 1649), (594, 1652), (710, 1820), (762, 1874), (766, 1883), (776, 1898), (791, 1919), (813, 1958), (827, 1979), (832, 1985), (855, 2012), (900, 2054), (942, 2078), (954, 2096), (959, 2105), (962, 2111), (977, 2144), (1009, 2177), (1050, 2216), (1057, 2222), (1060, 2225), (1116, 2270), (1172, 2336), (1213, 2387), (1226, 2402), (1234, 2411), (1263, 2426), (1266, 2429), (1373, 2531), (1394, 2558), (1448, 2609), (1450, 2612),

Gene: Poompha_10 Start: 4781, Stop: 6472, Start Num: 102
Candidate Starts for Poompha_10:

(Start: 102 @4781 has 400 MA's), (Start: 124 @4805 has 46 MA's), (320, 4997), (362, 5048), (381, 5060), (424, 5123), (490, 5201), (513, 5246), (538, 5285), (575, 5333), (581, 5354), (593, 5378), (620, 5429), (693, 5552), (782, 5699), (816, 5759), (848, 5804), (983, 5945), (1028, 5999), (1080, 6035), (1113, 6074), (1129, 6095), (1193, 6191), (1250, 6260), (1405, 6428), (1435, 6458), (1438, 6461),

Gene: PopTart_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for PopTart_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: Popcicle_12 Start: 7041, Stop: 8738, Start Num: 102
Candidate Starts for Popcicle_12:
(Start: 102 @7041 has 400 MA's), (Start: 124 @7065 has 46 MA's), (381, 7311), (508, 7485), (513, 7497), (538, 7536), (550, 7548), (581, 7605), (593, 7629), (620, 7695), (623, 7704), (675, 7785), (693, 7818), (774, 7950), (780, 7962), (812, 8016), (825, 8037), (848, 8070), (914, 8124), (983, 8211), (999, 8235), (1001, 8238), (1006, 8244), (1015, 8253), (1080, 8301), (1113, 8340), (1115, 8343), (1129, 8361), (1193, 8457), (1241, 8511), (1374, 8664), (1405, 8694), (1435, 8724), (1438, 8727),

Gene: Popper_4 Start: 1461, Stop: 3161, Start Num: 209
Candidate Starts for Popper_4:
(Start: 190 @1440 has 1 MA's), (Start: 209 @1461 has 22 MA's), (Start: 309 @1605 has 15 MA's), (Start: 317 @1620 has 15 MA's), (339, 1653), (399, 1698), (402, 1701), (422, 1743), (431, 1761), (434, 1764), (463, 1785), (520, 1890), (569, 1944), (620, 2058), (665, 2139), (708, 2214), (803, 2370), (852, 2436), (865, 2451), (964, 2598), (973, 2622), (979, 2631), (997, 2661), (1020, 2679), (1061, 2721), (1126, 2793), (1177, 2835), (1305, 2952), (1307, 2955), (1313, 2961), (1353, 3012), (1364, 3024), (1400, 3069), (1433, 3102), (1462, 3141), (1464, 3150),

Gene: Popy_7 Start: 2850, Stop: 4595, Start Num: 307
Candidate Starts for Popy_7:
(Start: 307 @2850 has 198 MA's), (342, 2904), (345, 2907), (363, 2943), (367, 2949), (488, 3183), (535, 3282), (556, 3324), (572, 3345), (589, 3387), (594, 3399), (637, 3498), (644, 3516), (666, 3552), (791, 3777), (805, 3801), (808, 3807), (892, 3930), (950, 3999), (1050, 4116), (1071, 4143), (1120, 4212), (1123, 4215), (1156, 4266), (1223, 4353), (1273, 4419), (1290, 4443), (1299, 4455), (1315, 4473), (1370, 4545), (1372, 4548),

Gene: Porcelain_10 Start: 3527, Stop: 5059, Start Num: 233
Candidate Starts for Porcelain_10:
(159, 3443), (Start: 198 @3485 has 4 MA's), (Start: 205 @3494 has 1 MA's), (Start: 233 @3527 has 12 MA's), (331, 3641), (380, 3704), (Start: 403 @3737 has 1 MA's), (405, 3740), (426, 3785), (484, 3860), (487, 3869), (566, 3971), (568, 3974), (583, 4010), (599, 4043), (766, 4292), (808, 4355), (822, 4382), (960, 4541), (975, 4577), (1005, 4607), (1015, 4616), (1082, 4670), (1112, 4694), (1349, 4928), (1358, 4940),

Gene: Porky_7 Start: 1834, Stop: 3504, Start Num: 389
Candidate Starts for Porky_7:

(Start: 389 @1834 has 11 MA's), (551, 2131), (598, 2233), (693, 2413), (710, 2437), (724, 2455), (732, 2467), (768, 2530), (776, 2542), (808, 2587), (815, 2602), (873, 2680), (911, 2725), (934, 2779), (935, 2785), (1000, 2899), (1037, 2947), (1104, 3043), (1116, 3064), (1124, 3079), (1218, 3232), (1232, 3244), (1279, 3301), (1307, 3337), (1346, 3388), (1372, 3424), (1374, 3427), (1438, 3493),

Gene: Posh_2 Start: 485, Stop: 2284, Start Num: 87
Candidate Starts for Posh_2:
(Start: 87 @485 has 22 MA's), (Start: 207 @623 has 6 MA's), (354, 782), (362, 797), (430, 881), (469, 911), (477, 923), (485, 932), (502, 971), (513, 992), (573, 1076), (595, 1130), (602, 1148), (620, 1175), (661, 1259), (696, 1310), (711, 1331), (756, 1412), (825, 1490), (956, 1616), (992, 1670), (1001, 1685), (1006, 1691), (1015, 1700), (1080, 1757), (1088, 1769), (1165, 1907), (1182, 1943), (1193, 1955), (1197, 1961), (1211, 1979), (1234, 2006), (1249, 2030), (1287, 2093), (1325, 2135), (1370, 2192), (1381, 2207), (1399, 2222), (1402, 2225), (1416, 2240), (1445, 2270), (1448, 2273),

Gene: PotPie_4 Start: 1762, Stop: 3438, Start Num: 170
Candidate Starts for PotPie_4:
(Start: 170 @1762 has 103 MA's), (Start: 232 @1813 has 1 MA's), (Start: 249 @1834 has 1 MA's), (304, 1879), (Start: 330 @1921 has 14 MA's), (362, 1957), (415, 2023), (477, 2086), (490, 2119), (509, 2155), (513, 2164), (515, 2167), (543, 2215), (550, 2227), (595, 2314), (701, 2494), (735, 2548), (842, 2728), (866, 2761), (954, 2827), (987, 2893), (992, 2899), (1080, 2983), (1146, 3064), (1163, 3097), (1219, 3166), (1292, 3244), (1374, 3343), (1394, 3364), (1400, 3370), (1454, 3424), (1456, 3427),

Gene: PotatoChip_12 Start: 6678, Stop: 8744, Start Num: 5
Candidate Starts for PotatoChip_12:
(Start: 5 @6678 has 5 MA's), (16, 6735), (38, 6873), (48, 6903), (58, 6927), (Start: 138 @7044 has 120 MA's), (Start: 155 @7065 has 202 MA's), (Start: 176 @7089 has 3 MA's), (Start: 235 @7152 has 7 MA's), (Start: 254 @7176 has 2 MA's), (379, 7338), (Start: 389 @7353 has 11 MA's), (402, 7371), (Start: 403 @7374 has 1 MA's), (414, 7398), (424, 7416), (473, 7473), (475, 7476), (496, 7518), (510, 7545), (520, 7563), (535, 7590), (545, 7608), (546, 7611), (581, 7665), (621, 7749), (622, 7752), (633, 7773), (647, 7794), (694, 7866), (717, 7896), (740, 7947), (801, 8028), (817, 8061), (985, 8223), (1088, 8325), (1113, 8352), (1117, 8361), (1203, 8472), (1258, 8535), (1365, 8646), (1372, 8655), (1450, 8736),

Gene: PotatoSplit_14 Start: 6957, Stop: 8657, Start Num: 105
Candidate Starts for PotatoSplit_14:
(Start: 105 @6957 has 85 MA's), (Start: 145 @7005 has 1 MA's), (302, 7140), (467, 7332), (513, 7419), (620, 7617), (675, 7707), (718, 7770), (809, 7932), (983, 8130), (999, 8154), (1001, 8157), (1080, 8220), (1100, 8241), (1129, 8280), (1193, 8376), (1241, 8430), (1279, 8466), (1405, 8613), (1435, 8643), (1438, 8646),

Gene: Potatoes_5 Start: 3127, Stop: 4692, Start Num: 165
Candidate Starts for Potatoes_5:
(Start: 165 @3127 has 76 MA's), (Start: 333 @3337 has 4 MA's), (Start: 397 @3391 has 4 MA's), (431, 3457), (463, 3481), (584, 3697), (593, 3712), (595, 3718), (620, 3778), (650, 3838), (770, 3937), (790, 3967), (803, 3982), (852, 4063), (936, 4141), (941, 4150), (961, 4186), (983, 4225), (1009, 4258), (1020, 4267), (1046, 4294), (1105, 4348), (1133, 4390), (1197, 4435), (1212, 4456), (1328, 4558), (1451, 4678),

Gene: Poushou_3 Start: 1236, Stop: 2873, Start Num: 162
Candidate Starts for Poushou_3:
(Start: 162 @1236 has 4 MA's), (183, 1260), (Start: 253 @1338 has 2 MA's), (320, 1404), (408, 1503), (415, 1521), (424, 1530), (426, 1536), (473, 1584), (477, 1590), (485, 1599), (504, 1641), (508, 1647), (509, 1650), (513, 1659), (558, 1737), (620, 1854), (625, 1866), (626, 1869), (631, 1878), (675, 1941),

(722, 2013), (735, 2046), (808, 2124), (907, 2235), (956, 2280), (1105, 2412), (1111, 2418), (1179, 2550), (1210, 2589), (1279, 2679), (1301, 2706), (1370, 2787), (1381, 2802), (1383, 2805), (1396, 2814), (1442, 2862),

Gene: Powelldog_7 Start: 3349, Stop: 5097, Start Num: 307
Candidate Starts for Powelldog_7:
(Start: 307 @3349 has 198 MA's), (367, 3448), (433, 3568), (516, 3745), (532, 3775), (556, 3823), (572, 3844), (611, 3946), (644, 4015), (656, 4039), (750, 4201), (777, 4246), (791, 4276), (805, 4300), (892, 4429), (950, 4501), (956, 4513), (1053, 4627), (1109, 4690), (1120, 4714), (1123, 4717), (1150, 4756), (1190, 4810), (1252, 4906), (1290, 4945), (1299, 4957), (1315, 4975), (1372, 5050),

Gene: Power_12 Start: 7386, Stop: 9173, Start Num: 103
Candidate Starts for Power_12:
(Start: 103 @7386 has 236 MA's), (Start: 217 @7494 has 1 MA's), (234, 7515), (298, 7623), (314, 7647), (408, 7758), (424, 7785), (512, 7905), (513, 7908), (581, 8016), (620, 8106), (631, 8130), (704, 8247), (722, 8262), (916, 8562), (1088, 8748), (1113, 8775), (1129, 8796), (1193, 8892), (1405, 9129), (1433, 9156), (1435, 9159),

Gene: PowerRanger_11 Start: 7306, Stop: 8994, Start Num: 102
Candidate Starts for PowerRanger_11:
(Start: 102 @7306 has 400 MA's), (Start: 309 @7486 has 15 MA's), (381, 7570), (408, 7606), (424, 7633), (513, 7756), (581, 7864), (620, 7954), (631, 7978), (647, 8005), (679, 8053), (728, 8122), (774, 8209), (809, 8269), (1001, 8494), (1009, 8503), (1021, 8515), (1080, 8557), (1100, 8578), (1117, 8605), (1193, 8713), (1279, 8803), (1365, 8908),

Gene: Powerball_2 Start: 318, Stop: 1877, Start Num: 151
Candidate Starts for Powerball_2:
(88, 258), (Start: 151 @318 has 55 MA's), (259, 426), (Start: 318 @504 has 1 MA's), (342, 537), (421, 621), (425, 630), (465, 666), (501, 744), (566, 816), (568, 819), (583, 855), (607, 912), (611, 921), (620, 936), (675, 1008), (680, 1020), (723, 1071), (778, 1137), (808, 1179), (919, 1293), (962, 1344), (971, 1365), (1009, 1410), (1054, 1446), (1057, 1449), (1109, 1491), (1112, 1497), (1216, 1620), (1226, 1632), (1280, 1671), (1461, 1860),

Gene: Powerpuff_2 Start: 533, Stop: 2290, Start Num: 124
Candidate Starts for Powerpuff_2:
(13, 242), (15, 251), (Start: 124 @533 has 46 MA's), (486, 905), (513, 962), (546, 1010), (595, 1100), (623, 1154), (693, 1274), (748, 1364), (881, 1526), (983, 1700), (1193, 1955), (1209, 1970), (1250, 2024), (1292, 2105), (1363, 2189), (1381, 2213),

Gene: PrairieDogTown_3 Start: 1243, Stop: 2838, Start Num: 206
Candidate Starts for PrairieDogTown_3:
(Start: 206 @1243 has 13 MA's), (419, 1501), (431, 1525), (444, 1531), (620, 1822), (634, 1852), (665, 1903), (672, 1912), (764, 2014), (770, 2026), (867, 2149), (973, 2278), (1151, 2506), (1186, 2548), (1449, 2827),

Gene: Preamble_2 Start: 426, Stop: 1991, Start Num: 165
Candidate Starts for Preamble_2:
(Start: 165 @426 has 76 MA's), (270, 549), (Start: 397 @690 has 4 MA's), (402, 696), (424, 741), (431, 756), (444, 762), (463, 780), (593, 1011), (595, 1017), (620, 1077), (770, 1236), (790, 1266), (803, 1281), (867, 1380), (936, 1440), (941, 1449), (983, 1524), (1009, 1557), (1020, 1566), (1046, 1593), (1105, 1647), (1133, 1689), (1212, 1755), (1328, 1857), (1451, 1977),

Gene: Priamo_15 Start: 7551, Stop: 9305, Start Num: 103

Candidate Starts for Priamo_15:
(Start: 103 @7551 has 236 MA's), (298, 7782), (Start: 330 @7833 has 14 MA's), (362, 7869), (424, 7944), (513, 8067), (538, 8106), (581, 8175), (593, 8199), (594, 8202), (620, 8265), (631, 8289), (693, 8388), (696, 8391), (718, 8418), (722, 8421), (923, 8706), (992, 8793), (999, 8805), (1080, 8868), (1113, 8907), (1129, 8928), (1182, 9012), (1193, 9024), (1405, 9261), (1433, 9288), (1435, 9291),

Gene: Primanti_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for Primanti_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Prinashe11_10 Start: 6156, Stop: 7907, Start Num: 67
Candidate Starts for Prinashe11_10:
(Start: 54 @6129 has 19 MA's), (Start: 67 @6156 has 32 MA's), (Start: 115 @6225 has 1 MA's), (Start: 237 @6339 has 1 MA's), (241, 6345), (362, 6477), (424, 6552), (425, 6555), (467, 6588), (487, 6621), (551, 6729), (567, 6753), (581, 6786), (620, 6861), (641, 6906), (690, 6984), (693, 6990), (728, 7035), (793, 7155), (812, 7188), (825, 7209), (983, 7383), (999, 7407), (1001, 7410), (1080, 7470), (1088, 7482), (1113, 7509), (1129, 7530), (1182, 7614), (1193, 7626), (1405, 7863), (1438, 7896), (1443, 7902),

Gene: PrincePatrick_2 Start: 379, Stop: 1929, Start Num: 193
Candidate Starts for PrincePatrick_2:
(Start: 119 @334 has 2 MA's), (Start: 151 @349 has 55 MA's), (Start: 167 @355 has 9 MA's), (Start: 173 @361 has 36 MA's), (Start: 175 @364 has 2 MA's), (Start: 193 @379 has 21 MA's), (255, 442), (289, 478), (Start: 306 @505 has 2 MA's), (Start: 318 @520 has 1 MA's), (342, 553), (384, 574), (399, 595), (419, 634), (431, 658), (465, 694), (487, 742), (513, 784), (520, 796), (593, 901), (661, 1021), (675, 1036), (745, 1114), (767, 1147), (778, 1165), (919, 1321), (946, 1342), (956, 1360), (1002, 1432), (1060, 1480), (1078, 1498), (1107, 1519), (1112, 1528), (1113, 1531), (1146, 1561), (1187, 1615), (1278, 1702), (1317, 1744), (1358, 1795), (1463, 1912), (1464, 1918),

Gene: Pringar_35 Start: 10750, Stop: 12492, Start Num: 170
Candidate Starts for Pringar_35:
(Start: 170 @10750 has 103 MA's), (302, 10867), (Start: 330 @10912 has 14 MA's), (369, 10978), (374, 10993), (402, 11026), (Start: 403 @11029 has 1 MA's), (411, 11044), (425, 11068), (426, 11071), (467, 11101), (479, 11122), (485, 11140), (488, 11149), (505, 11185), (513, 11200), (543, 11245), (575, 11287), (590, 11326), (595, 11338), (603, 11359), (632, 11410), (647, 11431), (798, 11653), (866, 11758), (874, 11767), (930, 11800), (954, 11821), (956, 11824), (969, 11851), (983, 11881), (992, 11893), (1001, 11908), (1009, 11917), (1015, 11923), (1062, 11965), (1074, 11974), (1084, 11989), (1100, 12004), (1146, 12064), (1163, 12103), (1185, 12136), (1214, 12166), (1217, 12169), (1265, 12253), (1292, 12307), (1304, 12322), (1332, 12349), (1372, 12403), (1451, 12475), (1453, 12478),

Gene: Priscilla_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for Priscilla_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 204 @617 has 1 MA's), (Start: 217 @629 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (454, 905), (473, 917), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (516, 998), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (736, 1388), (740, 1397),

(862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1250, 1979), (1265, 2006), (1297, 2039), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: Prithvi_8 Start: 1562, Stop: 2983, Start Num: 247
Candidate Starts for Prithvi_8:
(Start: 165 @1490 has 76 MA's), (Start: 230 @1550 has 31 MA's), (Start: 247 @1562 has 171 MA's), (Start: 336 @1673 has 12 MA's), (342, 1679), (391, 1757), (402, 1766), (425, 1814), (444, 1832), (487, 1901), (514, 1943), (517, 1949), (532, 1976), (533, 1979), (607, 2096), (611, 2105), (675, 2186), (792, 2300), (820, 2348), (827, 2360), (851, 2390), (870, 2414), (880, 2426), (959, 2504), (962, 2510), (1112, 2654), (1146, 2687), (1187, 2741), (1353, 2918), (1425, 2972),

Gene: Priya_13 Start: 8140, Stop: 9927, Start Num: 103
Candidate Starts for Priya_13:
(Start: 103 @8140 has 236 MA's), (Start: 117 @8155 has 10 MA's), (Start: 121 @8161 has 5 MA's), (241, 8272), (298, 8371), (424, 8533), (487, 8605), (513, 8659), (538, 8698), (581, 8770), (620, 8860), (631, 8884), (704, 9001), (722, 9016), (778, 9124), (823, 9199), (848, 9235), (898, 9295), (992, 9415), (1006, 9436), (1064, 9475), (1113, 9529), (1115, 9532), (1129, 9550), (1163, 9604), (1182, 9634), (1193, 9646), (1279, 9736), (1295, 9754), (1405, 9883), (1433, 9910), (1435, 9913),

Gene: ProMouse_10 Start: 7442, Stop: 9130, Start Num: 102
Candidate Starts for ProMouse_10:
(Start: 102 @7442 has 400 MA's), (Start: 309 @7622 has 15 MA's), (381, 7706), (Start: 403 @7733 has 1 MA's), (408, 7742), (424, 7769), (513, 7892), (581, 8000), (620, 8090), (631, 8114), (679, 8189), (728, 8258), (774, 8345), (778, 8354), (808, 8402), (809, 8405), (1009, 8639), (1021, 8651), (1080, 8693), (1100, 8714), (1117, 8741), (1193, 8849), (1279, 8939), (1365, 9044),

Gene: Procrass1_2 Start: 373, Stop: 1884, Start Num: 228
Candidate Starts for Procrass1_2:
(Start: 225 @370 has 84 MA's), (Start: 228 @373 has 40 MA's), (Start: 238 @385 has 22 MA's), (248, 397), (Start: 262 @412 has 67 MA's), (314, 475), (Start: 333 @502 has 4 MA's), (334, 505), (Start: 393 @553 has 3 MA's), (Start: 400 @562 has 2 MA's), (405, 568), (419, 598), (465, 646), (474, 664), (485, 688), (487, 694), (506, 733), (512, 742), (513, 745), (533, 784), (535, 787), (572, 856), (591, 901), (593, 904), (602, 925), (607, 940), (611, 949), (618, 961), (641, 1000), (653, 1021), (664, 1036), (667, 1039), (669, 1042), (674, 1048), (681, 1063), (745, 1129), (763, 1150), (776, 1174), (797, 1201), (809, 1222), (855, 1288), (922, 1321), (954, 1351), (973, 1393), (1054, 1471), (1062, 1480), (1075, 1492), (1112, 1525), (1130, 1546), (1131, 1549), (1134, 1552), (1143, 1564), (1160, 1594), (1172, 1600), (1184, 1615), (1190, 1621), (1278, 1699), (1280, 1702), (1290, 1714), (1299, 1726), (1366, 1792), (1378, 1807), (1403, 1837), (1433, 1870), (1443, 1876),

Gene: ProfFrink_8 Start: 3618, Stop: 5366, Start Num: 307
Candidate Starts for ProfFrink_8:
(Start: 295 @3600 has 6 MA's), (Start: 307 @3618 has 198 MA's), (363, 3711), (367, 3717), (401, 3774), (433, 3837), (516, 4014), (556, 4092), (572, 4113), (611, 4215), (644, 4284), (651, 4299), (680, 4341), (750, 4470), (791, 4545), (805, 4569), (872, 4674), (892, 4698), (956, 4782), (1053, 4896), (1071, 4914), (1120, 4983), (1123, 4986), (1156, 5037), (1190, 5079), (1249, 5166), (1274, 5193), (1290, 5214), (1299, 5226), (1315, 5244), (1372, 5319),

Gene: Prospero_4 Start: 800, Stop: 2290, Start Num: 202
Candidate Starts for Prospero_4:
(Start: 202 @800 has 39 MA's), (245, 845), (Start: 318 @947 has 1 MA's), (Start: 333 @965 has 4 MA's), (Start: 336 @974 has 12 MA's), (Start: 397 @1025 has 4 MA's), (399, 1028), (405, 1037), (419,

1067), (434, 1094), (506, 1193), (577, 1292), (585, 1316), (586, 1319), (588, 1322), (607, 1367), (789, 1601), (820, 1649), (827, 1661), (864, 1700), (886, 1718), (902, 1730), (904, 1733), (922, 1754), (937, 1760), (946, 1772), (987, 1850), (1047, 1904), (1112, 1958), (1121, 1970), (1156, 2015), (1206, 2063), (1299, 2147), (1349, 2204), (1406, 2273),

Gene: Provolone_7 Start: 2219, Stop: 3874, Start Num: 89
Candidate Starts for Provolone_7:
(Start: 89 @2219 has 1 MA's), (Start: 95 @2228 has 98 MA's), (Start: 98 @2231 has 2 MA's), (Start: 113 @2246 has 11 MA's), (Start: 251 @2378 has 3 MA's), (Start: 330 @2450 has 14 MA's), (362, 2486), (407, 2531), (485, 2624), (490, 2639), (504, 2666), (509, 2675), (515, 2687), (575, 2774), (594, 2822), (620, 2870), (680, 2969), (704, 3008), (803, 3122), (812, 3143), (838, 3182), (926, 3263), (983, 3332), (987, 3338), (997, 3353), (1064, 3416), (1164, 3548), (1193, 3590), (1219, 3617), (1236, 3635), (1281, 3683), (1372, 3791),

Gene: Prudy_14 Start: 9237, Stop: 11024, Start Num: 103
Candidate Starts for Prudy_14:
(Start: 103 @9237 has 236 MA's), (Start: 217 @9345 has 1 MA's), (234, 9366), (298, 9474), (Start: 330 @9525 has 14 MA's), (362, 9561), (424, 9636), (512, 9756), (513, 9759), (581, 9867), (620, 9957), (631, 9981), (722, 10113), (983, 10500), (1080, 10587), (1088, 10599), (1113, 10626), (1129, 10647), (1193, 10743), (1405, 10980), (1433, 11007), (1435, 11010), (1438, 11013), (1440, 11016),

Gene: Psycho_6 Start: 1349, Stop: 2776, Start Num: 262
Candidate Starts for Psycho_6:
(Start: 262 @1349 has 67 MA's), (310, 1406), (Start: 322 @1427 has 1 MA's), (Start: 336 @1451 has 12 MA's), (391, 1535), (402, 1544), (405, 1550), (424, 1589), (425, 1592), (444, 1610), (463, 1628), (487, 1679), (505, 1718), (532, 1754), (568, 1781), (591, 1832), (607, 1874), (611, 1883), (613, 1886), (675, 1964), (792, 2078), (820, 2126), (827, 2138), (851, 2168), (880, 2204), (903, 2231), (962, 2288), (1042, 2372), (1064, 2396), (1142, 2474), (1187, 2531), (1208, 2555), (1235, 2579), (1353, 2708), (1425, 2765),

Gene: PsychoKiller_4 Start: 1113, Stop: 2792, Start Num: 170
Candidate Starts for PsychoKiller_4:
(Start: 170 @1113 has 103 MA's), (Start: 232 @1164 has 1 MA's), (Start: 249 @1185 has 1 MA's), (Start: 251 @1188 has 3 MA's), (300, 1224), (304, 1230), (362, 1311), (415, 1377), (424, 1386), (485, 1458), (490, 1473), (509, 1509), (513, 1518), (543, 1569), (595, 1668), (623, 1722), (645, 1758), (735, 1902), (760, 1938), (780, 1977), (798, 2010), (825, 2058), (848, 2091), (866, 2115), (921, 2148), (954, 2181), (981, 2238), (987, 2247), (1076, 2331), (1146, 2418), (1214, 2514), (1282, 2586), (1292, 2598), (1394, 2718), (1454, 2778), (1456, 2781),

Gene: Pterodactyl_2 Start: 426, Stop: 1991, Start Num: 165
Candidate Starts for Pterodactyl_2:
(Start: 165 @426 has 76 MA's), (270, 549), (310, 603), (Start: 397 @690 has 4 MA's), (419, 732), (431, 756), (463, 780), (557, 942), (620, 1077), (630, 1098), (650, 1137), (770, 1236), (790, 1266), (803, 1281), (818, 1314), (852, 1362), (861, 1371), (941, 1449), (961, 1485), (983, 1524), (1009, 1557), (1020, 1566), (1046, 1593), (1105, 1647), (1133, 1689), (1197, 1734), (1212, 1755), (1232, 1779), (1328, 1857),

Gene: Ptowny_8 Start: 1901, Stop: 3571, Start Num: 394
Candidate Starts for Ptowny_8:
(Start: 394 @1901 has 48 MA's), (427, 1964), (551, 2198), (598, 2300), (693, 2480), (710, 2504), (724, 2522), (732, 2534), (768, 2597), (776, 2609), (808, 2654), (815, 2669), (873, 2747), (911, 2792), (934, 2846), (935, 2852), (1000, 2966), (1037, 3014), (1104, 3110), (1116, 3131), (1124, 3146), (1218, 3299), (1232, 3311), (1279, 3368), (1307, 3404), (1346, 3455), (1372, 3491), (1374, 3494), (1438,

3560),

Gene: Publix_3 Start: 1095, Stop: 2555, Start Num: 250
Candidate Starts for Publix_3:
(Start: 250 @1095 has 144 MA's), (Start: 254 @1101 has 2 MA's), (358, 1263), (363, 1272), (399, 1332), (444, 1401), (465, 1422), (488, 1473), (619, 1677), (755, 1812), (817, 1905), (829, 1923), (842, 1941), (880, 1983), (911, 2016), (926, 2034), (1015, 2154), (1020, 2157), (1039, 2169), (1047, 2181), (1060, 2193), (1113, 2244), (1160, 2301), (1172, 2307), (1178, 2316), (1187, 2325), (1190, 2328), (1330, 2490), (1337, 2499), (1344, 2508), (1372, 2547),

Gene: Pucara_2 Start: 625, Stop: 2373, Start Num: 330
Candidate Starts for Pucara_2:
(294, 574), (311, 601), (Start: 330 @625 has 14 MA's), (388, 718), (469, 859), (473, 865), (481, 883), (486, 898), (487, 901), (554, 1039), (590, 1114), (598, 1135), (660, 1261), (732, 1363), (766, 1420), (774, 1435), (807, 1474), (986, 1747), (994, 1762), (1011, 1786), (1147, 1996), (1158, 2020), (1165, 2038), (1187, 2068), (1232, 2125), (1253, 2152), (1281, 2176), (1289, 2185), (1372, 2290),

Gene: Puddles3_3 Start: 1074, Stop: 2534, Start Num: 250
Candidate Starts for Puddles3_3:
(Start: 250 @1074 has 144 MA's), (358, 1242), (363, 1251), (399, 1311), (444, 1380), (465, 1401), (488, 1452), (619, 1656), (806, 1869), (817, 1884), (842, 1920), (880, 1962), (911, 1995), (926, 2013), (1015, 2133), (1020, 2136), (1039, 2148), (1113, 2223), (1172, 2286), (1187, 2304), (1190, 2307), (1330, 2469), (1337, 2478), (1344, 2487), (1372, 2526),

Gene: PuffyCat_3 Start: 1104, Stop: 2564, Start Num: 250
Candidate Starts for PuffyCat_3:
(Start: 250 @1104 has 144 MA's), (Start: 254 @1110 has 2 MA's), (358, 1272), (363, 1281), (399, 1341), (444, 1410), (465, 1431), (488, 1482), (619, 1686), (755, 1821), (806, 1899), (817, 1914), (829, 1932), (842, 1950), (880, 1992), (911, 2025), (926, 2043), (1015, 2163), (1020, 2166), (1039, 2178), (1047, 2190), (1060, 2202), (1113, 2253), (1160, 2310), (1172, 2316), (1178, 2325), (1187, 2334), (1190, 2337), (1330, 2499), (1337, 2508), (1344, 2517), (1372, 2556),

Gene: Puginator_8 Start: 2746, Stop: 4392, Start Num: 95
Candidate Starts for Puginator_8:
(Start: 95 @2746 has 98 MA's), (Start: 251 @2896 has 3 MA's), (381, 3016), (485, 3142), (504, 3184), (508, 3190), (515, 3205), (575, 3292), (603, 3364), (620, 3388), (680, 3487), (701, 3523), (722, 3541), (813, 3664), (838, 3700), (983, 3850), (997, 3871), (1088, 3961), (1113, 3988), (1165, 4069), (1193, 4108), (1214, 4129), (1236, 4153), (1292, 4213), (1372, 4309),

Gene: Pukovnik_14 Start: 9110, Stop: 10888, Start Num: 103
Candidate Starts for Pukovnik_14:
(Start: 103 @9110 has 236 MA's), (Start: 121 @9128 has 5 MA's), (241, 9239), (Start: 251 @9251 has 3 MA's), (275, 9293), (281, 9305), (282, 9314), (298, 9338), (362, 9425), (512, 9620), (513, 9623), (538, 9662), (581, 9731), (620, 9821), (631, 9845), (722, 9977), (916, 10277), (983, 10364), (1064, 10436), (1088, 10463), (1113, 10490), (1115, 10493), (1129, 10511), (1193, 10607), (1405, 10844), (1435, 10874),

Gene: Pumancara_2 Start: 428, Stop: 1993, Start Num: 165
Candidate Starts for Pumancara_2:
(Start: 165 @428 has 76 MA's), (Start: 307 @599 has 198 MA's), (Start: 397 @692 has 4 MA's), (Start: 403 @701 has 1 MA's), (419, 734), (431, 758), (463, 782), (488, 836), (559, 947), (569, 965), (593, 1013), (595, 1019), (620, 1079), (650, 1139), (672, 1169), (790, 1268), (936, 1442), (941, 1451), (961, 1487), (964, 1493), (985, 1529), (1015, 1565), (1083, 1634), (1085, 1637), (1100, 1643), (1235, 1784),

(1328, 1859), (1404, 1940), (1451, 1979),

Gene: Pumbaa_11 Start: 6859, Stop: 8556, Start Num: 102
Candidate Starts for Pumbaa_11:
(Start: 102 @6859 has 400 MA's), (Start: 124 @6883 has 46 MA's), (Start: 251 @7006 has 3 MA's), (350, 7096), (381, 7129), (467, 7228), (512, 7312), (513, 7315), (538, 7354), (581, 7423), (593, 7447), (620, 7513), (675, 7603), (774, 7768), (825, 7855), (848, 7888), (923, 7954), (981, 8026), (983, 8029), (999, 8053), (1064, 8104), (1080, 8119), (1113, 8158), (1129, 8179), (1193, 8275), (1405, 8512), (1435, 8542), (1438, 8545),

Gene: Pumpkin_9 Start: 2278, Stop: 3948, Start Num: 394
Candidate Starts for Pumpkin_9:
(Start: 394 @2278 has 48 MA's), (427, 2341), (551, 2575), (598, 2677), (693, 2857), (710, 2881), (724, 2899), (732, 2911), (768, 2974), (776, 2986), (808, 3031), (815, 3046), (873, 3124), (911, 3169), (934, 3223), (935, 3229), (1000, 3343), (1104, 3487), (1124, 3523), (1218, 3676), (1232, 3688), (1279, 3745), (1307, 3781), (1346, 3832), (1372, 3868), (1374, 3871), (1438, 3937),

Gene: Pumpkins_2 Start: 547, Stop: 2244, Start Num: 124
Candidate Starts for Pumpkins_2:
(Start: 124 @547 has 46 MA's), (Start: 232 @634 has 1 MA's), (486, 919), (513, 976), (538, 1018), (595, 1114), (623, 1168), (693, 1288), (748, 1378), (983, 1663), (1088, 1774), (1146, 1843), (1193, 1918), (1209, 1933), (1292, 2059), (1363, 2143), (1381, 2167),

Gene: Puppers_2 Start: 482, Stop: 2065, Start Num: 211
Candidate Starts for Puppers_2:
(8, 53), (10, 59), (22, 158), (Start: 211 @482 has 13 MA's), (339, 656), (Start: 397 @698 has 4 MA's), (419, 740), (481, 824), (513, 884), (567, 947), (571, 953), (593, 998), (628, 1082), (648, 1121), (748, 1190), (790, 1253), (830, 1307), (877, 1355), (922, 1406), (952, 1442), (972, 1487), (979, 1499), (1006, 1535), (1020, 1544), (1040, 1562), (1122, 1673), (1177, 1745), (1180, 1748), (1197, 1766), (1225, 1802), (1305, 1901), (1451, 2057),

Gene: Puppet_11 Start: 7062, Stop: 8750, Start Num: 102
Candidate Starts for Puppet_11:
(Start: 102 @7062 has 400 MA's), (381, 7326), (402, 7350), (513, 7512), (535, 7545), (581, 7620), (620, 7710), (631, 7734), (647, 7761), (679, 7809), (728, 7878), (767, 7953), (774, 7965), (809, 8025), (1009, 8259), (1021, 8271), (1080, 8313), (1100, 8334), (1117, 8361), (1193, 8469), (1279, 8559), (1365, 8664),

Gene: Puppy_12 Start: 6115, Stop: 7812, Start Num: 102
Candidate Starts for Puppy_12:
(Start: 102 @6115 has 400 MA's), (Start: 124 @6139 has 46 MA's), (168, 6187), (381, 6385), (424, 6448), (508, 6559), (513, 6571), (538, 6610), (550, 6622), (581, 6679), (593, 6703), (620, 6769), (623, 6778), (675, 6859), (690, 6886), (774, 7024), (825, 7111), (848, 7144), (923, 7210), (983, 7285), (999, 7309), (1001, 7312), (1006, 7318), (1015, 7327), (1064, 7360), (1080, 7375), (1129, 7435), (1193, 7531), (1236, 7576), (1241, 7585), (1374, 7738), (1405, 7768), (1435, 7798), (1438, 7801),

Gene: Purgamenstris_2 Start: 512, Stop: 2044, Start Num: 230
Candidate Starts for Purgamenstris_2:
(Start: 227 @509 has 25 MA's), (Start: 230 @512 has 31 MA's), (Start: 249 @527 has 1 MA's), (292, 584), (Start: 307 @602 has 198 MA's), (316, 614), (390, 686), (412, 722), (422, 743), (474, 806), (539, 926), (583, 1010), (613, 1076), (659, 1148), (661, 1151), (677, 1163), (747, 1289), (766, 1313), (808, 1376), (878, 1460), (940, 1517), (950, 1532), (987, 1607), (1003, 1625), (1152, 1769), (1187, 1790), (1213, 1823), (1226, 1838), (1278, 1874), (1346, 1952), (1349, 1955), (1353, 1961),

Gene: Purky_2 Start: 401, Stop: 2077, Start Num: 138
Candidate Starts for Purky_2:
(45, 248), (55, 275), (Start: 138 @401 has 120 MA's), (Start: 235 @512 has 7 MA's), (285, 563), (Start: 318 @617 has 1 MA's), (349, 656), (380, 713), (396, 737), (421, 782), (426, 794), (431, 803), (444, 809), (483, 866), (490, 887), (495, 899), (558, 989), (745, 1274), (778, 1325), (902, 1466), (919, 1478), (949, 1502), (1015, 1601), (1057, 1634), (1107, 1676), (1112, 1685), (1139, 1712), (1149, 1724), (1172, 1754), (1187, 1772), (1278, 1856), (1290, 1871), (1463, 2060),

Gene: PurpleHaze_13 Start: 7028, Stop: 8728, Start Num: 105
Candidate Starts for PurpleHaze_13:
(Start: 105 @7028 has 85 MA's), (Start: 145 @7076 has 1 MA's), (Start: 232 @7148 has 1 MA's), (302, 7211), (513, 7490), (620, 7688), (675, 7778), (718, 7841), (809, 8003), (983, 8201), (999, 8225), (1001, 8228), (1080, 8291), (1088, 8303), (1100, 8312), (1113, 8330), (1129, 8351), (1193, 8447), (1241, 8501), (1279, 8537), (1405, 8684), (1435, 8714), (1438, 8717),

Gene: Pygmy_2 Start: 401, Stop: 2077, Start Num: 138
Candidate Starts for Pygmy_2:
(Start: 138 @401 has 120 MA's), (Start: 318 @617 has 1 MA's), (349, 656), (380, 713), (384, 719), (396, 737), (421, 782), (426, 794), (431, 803), (444, 809), (483, 866), (490, 887), (495, 899), (558, 989), (659, 1178), (745, 1274), (778, 1325), (919, 1478), (1107, 1676), (1112, 1685), (1139, 1712), (1172, 1754), (1187, 1772), (1278, 1856), (1290, 1871), (1463, 2060),

Gene: Pytheas_2 Start: 485, Stop: 2284, Start Num: 87
Candidate Starts for Pytheas_2:
(Start: 87 @485 has 22 MA's), (Start: 207 @623 has 6 MA's), (354, 782), (362, 797), (430, 881), (469, 911), (477, 923), (485, 932), (502, 971), (513, 992), (573, 1076), (602, 1148), (623, 1184), (642, 1220), (696, 1310), (711, 1331), (735, 1382), (759, 1415), (927, 1589), (956, 1616), (983, 1658), (1001, 1685), (1006, 1691), (1080, 1757), (1088, 1769), (1102, 1796), (1165, 1907), (1182, 1943), (1193, 1955), (1211, 1979), (1234, 2006), (1249, 2030), (1287, 2093), (1325, 2135), (1370, 2192), (1381, 2207), (1399, 2222), (1402, 2225), (1416, 2240), (1445, 2270), (1448, 2273),

Gene: QMacho_4 Start: 1159, Stop: 2787, Start Num: 225
Candidate Starts for QMacho_4:
(Start: 225 @1159 has 84 MA's), (339, 1315), (431, 1423), (485, 1492), (490, 1507), (594, 1657), (595, 1660), (620, 1720), (643, 1768), (662, 1798), (1003, 2254), (1020, 2269), (1328, 2620), (1369, 2668), (1464, 2776),

Gene: QTRlifeCrisis_11 Start: 7447, Stop: 9135, Start Num: 102
Candidate Starts for QTRlifeCrisis_11:
(Start: 102 @7447 has 400 MA's), (381, 7711), (408, 7747), (513, 7897), (581, 8005), (620, 8095), (631, 8119), (679, 8194), (728, 8263), (774, 8350), (809, 8410), (1001, 8635), (1009, 8644), (1021, 8656), (1080, 8698), (1100, 8719), (1117, 8746), (1193, 8854), (1279, 8944), (1365, 9049),

Gene: Qhanda_9 Start: 2583, Stop: 3920, Start Num: 336
Candidate Starts for Qhanda_9:
(Start: 247 @2478 has 171 MA's), (Start: 336 @2583 has 12 MA's), (391, 2667), (402, 2676), (419, 2712), (425, 2724), (434, 2739), (463, 2766), (487, 2817), (493, 2835), (517, 2865), (532, 2892), (591, 2970), (611, 3021), (613, 3024), (675, 3102), (679, 3111), (742, 3150), (792, 3216), (820, 3264), (851, 3306), (962, 3423), (992, 3465), (1042, 3510), (1111, 3579), (1150, 3624), (1160, 3645), (1187, 3669), (1353, 3846), (1425, 3909), (1431, 3915),

Gene: Qobbit_13 Start: 8160, Stop: 9926, Start Num: 121

Candidate Starts for Qobbit_13:
(Start: 103 @8139 has 236 MA's), (Start: 117 @8154 has 10 MA's), (Start: 121 @8160 has 5 MA's), (241, 8271), (298, 8370), (424, 8532), (487, 8604), (513, 8658), (538, 8697), (581, 8769), (620, 8859), (631, 8883), (704, 9000), (722, 9015), (778, 9123), (823, 9198), (848, 9234), (898, 9294), (992, 9414), (1006, 9435), (1064, 9474), (1113, 9528), (1115, 9531), (1129, 9549), (1163, 9603), (1182, 9633), (1193, 9645), (1279, 9735), (1295, 9753), (1405, 9882), (1433, 9909), (1435, 9912),

Gene: Quaker_3 Start: 1071, Stop: 2531, Start Num: 250
Candidate Starts for Quaker_3:
(Start: 250 @1071 has 144 MA's), (Start: 254 @1077 has 2 MA's), (358, 1239), (363, 1248), (399, 1308), (444, 1377), (465, 1398), (488, 1449), (619, 1653), (637, 1677), (755, 1788), (806, 1866), (817, 1881), (842, 1917), (880, 1959), (911, 1992), (926, 2010), (1015, 2130), (1020, 2133), (1039, 2145), (1113, 2220), (1172, 2283), (1187, 2301), (1190, 2304), (1330, 2466), (1337, 2475), (1372, 2523),

Gene: Quasar_4 Start: 1734, Stop: 3413, Start Num: 170
Candidate Starts for Quasar_4:
(Start: 170 @1734 has 103 MA's), (Start: 232 @1785 has 1 MA's), (Start: 249 @1806 has 1 MA's), (304, 1851), (362, 1932), (415, 1998), (424, 2007), (485, 2079), (490, 2094), (509, 2130), (513, 2139), (543, 2190), (595, 2289), (623, 2343), (645, 2379), (735, 2523), (760, 2559), (780, 2598), (798, 2631), (825, 2679), (848, 2712), (866, 2736), (921, 2769), (954, 2802), (981, 2859), (987, 2868), (1076, 2952), (1146, 3039), (1214, 3135), (1282, 3207), (1292, 3219), (1394, 3339), (1454, 3399), (1456, 3402),

Gene: Quby_4 Start: 771, Stop: 2333, Start Num: 138
Candidate Starts for Quby_4:
(Start: 138 @771 has 120 MA's), (Start: 142 @777 has 6 MA's), (Start: 284 @927 has 1 MA's), (Start: 333 @993 has 4 MA's), (357, 1023), (396, 1047), (407, 1062), (426, 1104), (515, 1230), (594, 1368), (602, 1389), (611, 1413), (675, 1488), (710, 1536), (776, 1614), (791, 1635), (807, 1659), (809, 1665), (827, 1695), (832, 1701), (863, 1737), (942, 1794), (962, 1827), (1050, 1932), (1060, 1941), (1104, 1965), (1116, 1986), (1172, 2052), (1278, 2154), (1394, 2274), (1400, 2280), (1420, 2301), (1448, 2325),

Gene: QueenB2_12 Start: 7454, Stop: 9241, Start Num: 103
Candidate Starts for QueenB2_12:
(Start: 103 @7454 has 236 MA's), (Start: 217 @7562 has 1 MA's), (234, 7583), (298, 7691), (424, 7853), (513, 7976), (581, 8084), (620, 8174), (631, 8198), (704, 8315), (722, 8330), (916, 8630), (1088, 8816), (1113, 8843), (1129, 8864), (1193, 8960), (1405, 9197), (1433, 9224), (1435, 9227),

Gene: QueenBeesly_12 Start: 7386, Stop: 9173, Start Num: 103
Candidate Starts for QueenBeesly_12:
(Start: 103 @7386 has 236 MA's), (Start: 217 @7494 has 1 MA's), (234, 7515), (298, 7623), (424, 7785), (512, 7905), (513, 7908), (581, 8016), (620, 8106), (631, 8130), (704, 8247), (722, 8262), (916, 8562), (1088, 8748), (1113, 8775), (1129, 8796), (1193, 8892), (1405, 9129), (1433, 9156), (1435, 9159),

Gene: QueenBey_2 Start: 378, Stop: 1889, Start Num: 228
Candidate Starts for QueenBey_2:
(Start: 228 @378 has 40 MA's), (Start: 262 @417 has 67 MA's), (274, 435), (314, 480), (Start: 333 @507 has 4 MA's), (334, 510), (Start: 393 @558 has 3 MA's), (Start: 400 @567 has 2 MA's), (405, 573), (419, 603), (424, 612), (426, 618), (431, 627), (465, 651), (474, 669), (485, 693), (487, 699), (506, 738), (512, 747), (513, 750), (533, 789), (535, 792), (572, 861), (586, 897), (591, 906), (593, 909), (602, 930), (607, 945), (611, 954), (618, 966), (641, 1005), (653, 1026), (667, 1044), (669, 1047), (681, 1068), (745, 1134), (776, 1179), (797, 1206), (809, 1227), (850, 1287), (855, 1293), (942, 1335), (953, 1353), (954, 1356), (973, 1398), (1054, 1476), (1062, 1485), (1075, 1497), (1112, 1530), (1130, 1551),

(1131, 1554), (1134, 1557), (1143, 1569), (1160, 1599), (1170, 1602), (1184, 1620), (1190, 1626), (1206, 1647), (1213, 1656), (1226, 1671), (1278, 1704), (1280, 1707), (1290, 1719), (1299, 1731), (1366, 1797), (1373, 1806), (1378, 1812), (1394, 1833), (1433, 1875), (1443, 1881),

Gene: QueenHazel_2 Start: 521, Stop: 2080, Start Num: 152
Candidate Starts for QueenHazel_2:
(Start: 152 @521 has 15 MA's), (Start: 232 @611 has 1 MA's), (Start: 305 @698 has 33 MA's), (345, 755), (381, 818), (463, 935), (468, 944), (499, 1016), (527, 1052), (580, 1118), (598, 1160), (606, 1172), (607, 1175), (634, 1214), (643, 1232), (788, 1379), (817, 1421), (891, 1505), (908, 1526), (965, 1589), (1038, 1667), (1041, 1670), (1049, 1682), (1172, 1817), (1174, 1820), (1235, 1883), (1237, 1886), (1277, 1919), (1351, 2000), (1380, 2033),

Gene: Quenya_4 Start: 931, Stop: 2496, Start Num: 225
Candidate Starts for Quenya_4:
(Start: 225 @931 has 84 MA's), (Start: 307 @1039 has 198 MA's), (339, 1087), (Start: 397 @1129 has 4 MA's), (431, 1195), (444, 1201), (459, 1210), (490, 1279), (510, 1306), (523, 1330), (569, 1378), (594, 1429), (620, 1492), (650, 1552), (662, 1570), (865, 1843), (973, 1981), (1100, 2113), (1124, 2149), (1403, 2443), (1457, 2488),

Gene: Qui_16 Start: 7583, Stop: 9367, Start Num: 307
Candidate Starts for Qui_16:
(Start: 303 @7577 has 2 MA's), (Start: 307 @7583 has 198 MA's), (367, 7682), (460, 7856), (493, 7931), (516, 7979), (556, 8057), (570, 8075), (572, 8078), (599, 8147), (644, 8249), (675, 8294), (680, 8306), (709, 8363), (750, 8435), (805, 8534), (837, 8591), (847, 8606), (892, 8663), (950, 8732), (956, 8744), (1009, 8837), (1053, 8897), (1071, 8915), (1076, 8921), (1120, 8984), (1123, 8987), (1150, 9026), (1244, 9158), (1273, 9191), (1290, 9215), (1299, 9227), (1315, 9245), (1370, 9317), (1372, 9320),

Gene: QuickMath_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for QuickMath_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: QuincyRose_7 Start: 1613, Stop: 3034, Start Num: 247
Candidate Starts for QuincyRose_7:
(Start: 165 @1541 has 76 MA's), (Start: 230 @1601 has 31 MA's), (Start: 247 @1613 has 171 MA's), (Start: 336 @1724 has 12 MA's), (342, 1730), (391, 1808), (402, 1817), (425, 1865), (444, 1883), (487, 1952), (514, 1994), (517, 2000), (532, 2027), (533, 2030), (607, 2147), (611, 2156), (675, 2237), (792, 2351), (820, 2399), (827, 2411), (851, 2441), (870, 2465), (880, 2477), (959, 2555), (962, 2561), (1112, 2705), (1146, 2738), (1187, 2792), (1353, 2969), (1425, 3023),

Gene: QuinnAvery_6 Start: 1935, Stop: 3635, Start Num: 209
Candidate Starts for QuinnAvery_6:
(Start: 155 @1878 has 202 MA's), (Start: 190 @1914 has 1 MA's), (Start: 209 @1935 has 22 MA's), (270, 2010), (Start: 295 @2058 has 6 MA's), (Start: 309 @2079 has 15 MA's), (Start: 317 @2094 has 15 MA's), (339, 2127), (Start: 397 @2169 has 4 MA's), (399, 2172), (422, 2217), (431, 2235), (434,

2238), (444, 2241), (520, 2364), (532, 2388), (569, 2418), (620, 2532), (650, 2592), (665, 2613), (703, 2679), (803, 2844), (852, 2910), (865, 2925), (973, 3096), (1061, 3195), (1100, 3228), (1124, 3264), (1126, 3267), (1177, 3309), (1212, 3351), (1283, 3399), (1305, 3426), (1307, 3429), (1313, 3435), (1364, 3498), (1433, 3576), (1464, 3624),

Gene: QuinnKiro_11 Start: 7044, Stop: 8741, Start Num: 102
Candidate Starts for QuinnKiro_11:
(Start: 102 @7044 has 400 MA's), (Start: 124 @7068 has 46 MA's), (381, 7314), (508, 7488), (513, 7500), (538, 7539), (550, 7551), (581, 7608), (593, 7632), (620, 7698), (623, 7707), (675, 7788), (693, 7821), (774, 7953), (780, 7965), (812, 8019), (825, 8040), (848, 8073), (914, 8127), (983, 8214), (999, 8238), (1001, 8241), (1006, 8247), (1015, 8256), (1080, 8304), (1113, 8343), (1115, 8346), (1129, 8364), (1193, 8460), (1241, 8514), (1374, 8667), (1405, 8697), (1435, 8727), (1438, 8730),

Gene: Quokka_10 Start: 6379, Stop: 8160, Start Num: 103
Candidate Starts for Quokka_10:
(Start: 103 @6379 has 236 MA's), (Start: 251 @6523 has 3 MA's), (278, 6568), (298, 6610), (314, 6634), (362, 6697), (411, 6751), (512, 6892), (513, 6895), (538, 6934), (581, 7003), (620, 7093), (631, 7117), (718, 7246), (722, 7249), (892, 7522), (1113, 7762), (1129, 7783), (1182, 7867), (1193, 7879), (1405, 8116), (1433, 8143), (1435, 8146), (1438, 8149),

Gene: R4_6 Start: 2205, Stop: 3866, Start Num: 95
Candidate Starts for R4_6:
(Start: 95 @2205 has 98 MA's), (320, 2427), (407, 2523), (485, 2616), (490, 2631), (504, 2658), (515, 2679), (575, 2766), (620, 2862), (636, 2895), (675, 2949), (693, 2982), (712, 3006), (751, 3075), (813, 3138), (816, 3144), (838, 3174), (928, 3258), (981, 3321), (983, 3324), (992, 3336), (997, 3345), (1004, 3354), (1064, 3408), (1088, 3435), (1193, 3582), (1214, 3603), (1236, 3627), (1292, 3687), (1372, 3783), (1445, 3861),

Gene: RADical_5 Start: 1114, Stop: 2793, Start Num: 170
Candidate Starts for RADical_5:
(Start: 170 @1114 has 103 MA's), (Start: 232 @1165 has 1 MA's), (Start: 249 @1186 has 1 MA's), (Start: 251 @1189 has 3 MA's), (304, 1231), (362, 1312), (415, 1378), (424, 1387), (485, 1459), (490, 1474), (509, 1510), (513, 1519), (543, 1570), (595, 1669), (623, 1723), (735, 1903), (760, 1939), (780, 1978), (798, 2011), (825, 2059), (848, 2092), (866, 2116), (921, 2149), (954, 2182), (981, 2239), (987, 2248), (1076, 2332), (1100, 2359), (1146, 2419), (1214, 2515), (1282, 2587), (1292, 2599), (1394, 2719), (1454, 2779), (1456, 2782),

Gene: RAP15_5 Start: 3133, Stop: 4698, Start Num: 165
Candidate Starts for RAP15_5:
(Start: 165 @3133 has 76 MA's), (Start: 333 @3343 has 4 MA's), (Start: 397 @3397 has 4 MA's), (431, 3463), (463, 3487), (584, 3703), (593, 3718), (595, 3724), (620, 3784), (650, 3844), (770, 3943), (790, 3973), (803, 3988), (852, 4069), (936, 4147), (941, 4156), (961, 4192), (983, 4231), (1009, 4264), (1020, 4273), (1046, 4300), (1105, 4354), (1133, 4396), (1197, 4441), (1212, 4462), (1232, 4486), (1328, 4564), (1451, 4684),

Gene: REQ1_66 Start: 29500, Stop: 31053, Start Num: 223
Candidate Starts for REQ1_66:
(Start: 223 @29500 has 1 MA's), (Start: 333 @29638 has 4 MA's), (Start: 403 @29734 has 1 MA's), (524, 29911), (542, 29947), (544, 29950), (599, 30061), (606, 30079), (613, 30094), (634, 30121), (808, 30373), (822, 30394), (1030, 30646), (1191, 30820), (1290, 30898), (1314, 30922), (1382, 31000),

Gene: REQ2_02 Start: 393, Stop: 1919, Start Num: 238

Candidate Starts for REQ2_02:
(Start: 238 @393 has 22 MA's), (Start: 397 @606 has 4 MA's), (463, 696), (487, 747), (490, 756), (491, 759), (533, 825), (568, 849), (583, 885), (594, 906), (604, 933), (611, 951), (613, 954), (637, 996), (744, 1092), (813, 1194), (820, 1203), (851, 1248), (977, 1389), (1169, 1617), (1310, 1770), (1354, 1821), (1428, 1902),

Gene: RER2_1 Start: 28, Stop: 1710, Start Num: 107
Candidate Starts for RER2_1:
(Start: 107 @28 has 35 MA's), (Start: 309 @214 has 15 MA's), (362, 286), (381, 298), (402, 322), (408, 334), (513, 487), (523, 502), (567, 562), (620, 670), (647, 727), (770, 925), (780, 943), (812, 997), (956, 1141), (981, 1180), (983, 1183), (1006, 1216), (1088, 1285), (1193, 1429), (1236, 1474), (1292, 1534), (1372, 1633), (1405, 1666), (1433, 1693), (1435, 1696), (1438, 1699),

Gene: RRH1_02 Start: 655, Stop: 1965, Start Num: 318
Candidate Starts for RRH1_02:
(Start: 208 @541 has 5 MA's), (Start: 318 @655 has 1 MA's), (354, 694), (418, 766), (434, 796), (463, 817), (487, 868), (513, 913), (535, 940), (545, 949), (560, 964), (605, 1063), (638, 1117), (647, 1132), (808, 1324), (960, 1492), (975, 1525), (985, 1540), (1078, 1621), (1149, 1696), (1214, 1759), (1263, 1798), (1299, 1834), (1358, 1903),

Gene: RSchmailzl_5 Start: 1254, Stop: 2933, Start Num: 170
Candidate Starts for RSchmailzl_5:
(Start: 170 @1254 has 103 MA's), (Start: 232 @1305 has 1 MA's), (Start: 249 @1326 has 1 MA's), (304, 1371), (Start: 330 @1413 has 14 MA's), (362, 1452), (Start: 403 @1491 has 1 MA's), (415, 1518), (424, 1527), (485, 1599), (490, 1614), (509, 1650), (513, 1659), (543, 1710), (595, 1809), (623, 1863), (645, 1899), (735, 2043), (760, 2079), (780, 2118), (798, 2151), (825, 2199), (848, 2232), (866, 2256), (921, 2289), (954, 2322), (981, 2379), (987, 2388), (1076, 2472), (1100, 2499), (1146, 2559), (1214, 2655), (1282, 2727), (1292, 2739), (1394, 2859), (1454, 2919), (1456, 2922),

Gene: Rabbitrun_14 Start: 5332, Stop: 6777, Start Num: 230
Candidate Starts for Rabbitrun_14:
(Start: 230 @5332 has 31 MA's), (314, 5437), (Start: 317 @5443 has 15 MA's), (396, 5518), (465, 5611), (510, 5692), (566, 5761), (595, 5821), (607, 5854), (611, 5863), (622, 5884), (651, 5923), (776, 6061), (794, 6088), (843, 6157), (1047, 6385), (1113, 6439), (1146, 6469), (1174, 6508), (1288, 6616), (1293, 6622), (1352, 6679),

Gene: Rabbs_2 Start: 456, Stop: 1892, Start Num: 262
Candidate Starts for Rabbs_2:
(Start: 161 @360 has 29 MA's), (Start: 262 @456 has 67 MA's), (Start: 273 @459 has 4 MA's), (Start: 299 @495 has 5 MA's), (Start: 322 @534 has 1 MA's), (425, 696), (487, 783), (490, 792), (499, 810), (505, 822), (594, 942), (607, 978), (618, 999), (636, 1020), (675, 1068), (679, 1077), (820, 1230), (865, 1290), (882, 1308), (949, 1359), (962, 1386), (972, 1401), (973, 1404), (1074, 1485), (1109, 1530), (1172, 1605), (1187, 1623), (1205, 1644), (1259, 1689), (1277, 1707), (1280, 1710), (1353, 1803), (1428, 1884),

Gene: Rachaly_15 Start: 9139, Stop: 10920, Start Num: 103
Candidate Starts for Rachaly_15:
(41, 9019), (82, 9112), (Start: 103 @9139 has 236 MA's), (241, 9271), (282, 9346), (298, 9370), (Start: 330 @9421 has 14 MA's), (512, 9652), (513, 9655), (538, 9694), (581, 9763), (620, 9853), (631, 9877), (693, 9976), (718, 10006), (722, 10009), (1064, 10468), (1080, 10483), (1088, 10495), (1113, 10522), (1129, 10543), (1193, 10639), (1405, 10876), (1433, 10903), (1435, 10906),

Gene: Radiance_2 Start: 571, Stop: 2208, Start Num: 155

Candidate Starts for Radiance_2:
(Start: 155 @571 has 202 MA's), (163, 580), (Start: 176 @595 has 3 MA's), (Start: 247 @652 has 171 MA's), (Start: 250 @655 has 144 MA's), (Start: 318 @718 has 1 MA's), (353, 757), (412, 844), (454, 904), (473, 916), (484, 928), (487, 937), (488, 940), (496, 961), (508, 982), (548, 1054), (575, 1093), (602, 1162), (604, 1168), (621, 1198), (622, 1201), (627, 1210), (635, 1225), (647, 1243), (680, 1294), (736, 1387), (740, 1396), (862, 1567), (874, 1579), (983, 1663), (1005, 1693), (1007, 1696), (1010, 1699), (1080, 1756), (1097, 1771), (1101, 1777), (1104, 1780), (1113, 1795), (1117, 1804), (1164, 1873), (1190, 1903), (1196, 1912), (1225, 1945), (1250, 1978), (1265, 2005), (1297, 2038), (1325, 2068), (1349, 2089), (1365, 2113), (1372, 2122), (1374, 2125), (1429, 2182),

Gene: Raela_35 Start: 10993, Stop: 12735, Start Num: 170
Candidate Starts for Raela_35:
(Start: 170 @10993 has 103 MA's), (302, 11110), (Start: 330 @11155 has 14 MA's), (369, 11221), (374, 11236), (402, 11269), (Start: 403 @11272 has 1 MA's), (411, 11287), (425, 11311), (426, 11314), (467, 11344), (479, 11365), (485, 11383), (488, 11392), (505, 11428), (513, 11443), (543, 11488), (575, 11530), (590, 11569), (595, 11581), (603, 11602), (632, 11653), (647, 11674), (798, 11896), (866, 12001), (874, 12010), (930, 12043), (954, 12064), (956, 12067), (969, 12094), (983, 12124), (992, 12136), (1001, 12151), (1009, 12160), (1015, 12166), (1062, 12208), (1074, 12217), (1084, 12232), (1100, 12247), (1146, 12307), (1163, 12346), (1185, 12379), (1214, 12409), (1217, 12412), (1265, 12496), (1292, 12550), (1304, 12565), (1332, 12592), (1372, 12646), (1451, 12718), (1453, 12721),

Gene: Rahalelujah_11 Start: 6185, Stop: 7972, Start Num: 103
Candidate Starts for Rahalelujah_11:
(Start: 103 @6185 has 236 MA's), (241, 6314), (298, 6413), (424, 6575), (448, 6608), (487, 6647), (513, 6701), (538, 6740), (581, 6812), (620, 6902), (631, 6926), (704, 7043), (722, 7058), (778, 7166), (823, 7241), (901, 7340), (928, 7373), (992, 7457), (1006, 7478), (1064, 7520), (1080, 7535), (1088, 7547), (1113, 7574), (1129, 7595), (1163, 7649), (1193, 7691), (1279, 7781), (1295, 7799), (1340, 7850), (1405, 7928), (1433, 7955), (1435, 7958),

Gene: Rahul_2 Start: 517, Stop: 1917, Start Num: 252
Candidate Starts for Rahul_2:
(Start: 252 @517 has 5 MA's), (Start: 301 @583 has 2 MA's), (Start: 318 @610 has 1 MA's), (399, 685), (405, 694), (418, 721), (419, 724), (425, 736), (444, 754), (484, 814), (487, 823), (488, 826), (607, 1027), (844, 1321), (924, 1399), (946, 1414), (960, 1438), (963, 1444), (968, 1453), (975, 1471), (1073, 1561), (1142, 1627), (1184, 1672), (1228, 1723), (1288, 1768), (1315, 1795), (1364, 1858), (1397, 1900),

Gene: Raid_11 Start: 6738, Stop: 8426, Start Num: 102
Candidate Starts for Raid_11:
(Start: 102 @6738 has 400 MA's), (381, 7002), (402, 7026), (513, 7188), (581, 7296), (620, 7386), (631, 7410), (647, 7437), (679, 7485), (767, 7629), (774, 7641), (809, 7701), (1001, 7926), (1009, 7935), (1021, 7947), (1080, 7989), (1100, 8010), (1117, 8037), (1193, 8145), (1279, 8235), (1365, 8340),

Gene: Rainydai_7 Start: 3411, Stop: 5153, Start Num: 305
Candidate Starts for Rainydai_7:
(Start: 305 @3411 has 33 MA's), (Start: 307 @3414 has 198 MA's), (310, 3420), (342, 3468), (345, 3471), (363, 3507), (367, 3513), (440, 3651), (460, 3687), (467, 3699), (556, 3882), (572, 3903), (608, 3996), (611, 4005), (637, 4056), (644, 4074), (805, 4359), (892, 4488), (950, 4557), (1022, 4647), (1050, 4674), (1071, 4701), (1120, 4770), (1123, 4773), (1152, 4815), (1156, 4824), (1249, 4953), (1274, 4980), (1290, 5001), (1299, 5013), (1315, 5031), (1370, 5103), (1372, 5106), (1381, 5118),

Gene: Rajelicia_11 Start: 6954, Stop: 8642, Start Num: 102
Candidate Starts for Rajelicia_11:
(Start: 102 @6954 has 400 MA's), (381, 7218), (402, 7242), (513, 7404), (535, 7437), (581, 7512), (620, 7602), (631, 7626), (647, 7653), (679, 7701), (767, 7845), (774, 7857), (809, 7917), (1001, 8142), (1009, 8151), (1021, 8163), (1080, 8205), (1100, 8226), (1117, 8253), (1193, 8361), (1279, 8451), (1365, 8556),

Gene: Ramen_8 Start: 1587, Stop: 3008, Start Num: 247
Candidate Starts for Ramen_8:
(Start: 165 @1515 has 76 MA's), (Start: 230 @1575 has 31 MA's), (Start: 247 @1587 has 171 MA's), (Start: 336 @1698 has 12 MA's), (342, 1704), (391, 1782), (402, 1791), (425, 1839), (444, 1857), (487, 1926), (514, 1968), (517, 1974), (532, 2001), (533, 2004), (607, 2121), (611, 2130), (675, 2211), (792, 2325), (820, 2373), (827, 2385), (851, 2415), (870, 2439), (880, 2451), (893, 2466), (959, 2529), (962, 2535), (1112, 2679), (1146, 2712), (1187, 2766), (1353, 2943), (1425, 2997),

Gene: Rana_6 Start: 2374, Stop: 4020, Start Num: 95
Candidate Starts for Rana_6:
(Start: 95 @2374 has 98 MA's), (Start: 113 @2392 has 11 MA's), (Start: 330 @2596 has 14 MA's), (362, 2632), (504, 2812), (515, 2833), (548, 2878), (575, 2920), (603, 2992), (620, 3016), (680, 3115), (690, 3130), (704, 3154), (712, 3160), (838, 3328), (983, 3478), (997, 3499), (1088, 3589), (1165, 3697), (1193, 3736), (1214, 3757), (1219, 3763), (1236, 3781), (1372, 3937), (1445, 4015),

Gene: RanchParmCat_7 Start: 1862, Stop: 3562, Start Num: 167
Candidate Starts for RanchParmCat_7:
(Start: 167 @1862 has 9 MA's), (Start: 232 @1916 has 1 MA's), (Start: 249 @1937 has 1 MA's), (266, 1964), (338, 2039), (362, 2075), (425, 2153), (490, 2237), (496, 2252), (513, 2282), (543, 2333), (595, 2432), (645, 2522), (701, 2612), (735, 2666), (780, 2741), (866, 2879), (952, 2939), (954, 2945), (987, 3011), (992, 3017), (1080, 3101), (1100, 3122), (1146, 3182), (1149, 3188), (1165, 3221), (1269, 3326), (1282, 3350), (1370, 3455), (1372, 3458), (1414, 3503), (1454, 3548), (1456, 3551),

Gene: Rando14_6 Start: 1416, Stop: 2843, Start Num: 262
Candidate Starts for Rando14_6:
(244, 1404), (Start: 262 @1416 has 67 MA's), (310, 1473), (Start: 322 @1494 has 1 MA's), (Start: 336 @1518 has 12 MA's), (391, 1602), (402, 1611), (424, 1656), (425, 1659), (444, 1677), (463, 1695), (487, 1746), (492, 1761), (532, 1821), (591, 1899), (607, 1941), (611, 1950), (613, 1953), (640, 1992), (675, 2031), (792, 2145), (809, 2175), (820, 2193), (851, 2235), (880, 2271), (903, 2298), (962, 2355), (1042, 2439), (1142, 2541), (1187, 2598), (1208, 2622), (1235, 2646), (1353, 2775), (1425, 2832),

Gene: Rapunzel97_8 Start: 1587, Stop: 3008, Start Num: 247
Candidate Starts for Rapunzel97_8:
(Start: 165 @1515 has 76 MA's), (Start: 230 @1575 has 31 MA's), (Start: 247 @1587 has 171 MA's), (Start: 336 @1698 has 12 MA's), (342, 1704), (391, 1782), (402, 1791), (425, 1839), (444, 1857), (487, 1926), (514, 1968), (517, 1974), (532, 2001), (533, 2004), (607, 2121), (611, 2130), (675, 2211), (792, 2325), (820, 2373), (827, 2385), (851, 2415), (870, 2439), (880, 2451), (893, 2466), (959, 2529), (962, 2535), (1112, 2679), (1146, 2712), (1187, 2766), (1353, 2943), (1425, 2997),

Gene: Raqqa_3 Start: 1118, Stop: 2458, Start Num: 334
Candidate Starts for Raqqa_3:
(Start: 238 @1001 has 22 MA's), (334, 1118), (Start: 336 @1121 has 12 MA's), (Start: 397 @1214 has 4 MA's), (451, 1298), (463, 1304), (487, 1355), (490, 1364), (607, 1550), (611, 1559), (613, 1562), (640, 1601), (641, 1604), (690, 1667), (786, 1742), (820, 1799), (967, 1970), (975, 1985), (1025, 2045), (1042, 2054), (1075, 2075), (1146, 2153), (1150, 2162), (1187, 2207), (1199, 2219), (1208, 2234), (1235, 2264), (1260, 2285), (1353, 2390),

Gene: Rasputin_8 Start: 3156, Stop: 4838, Start Num: 107
Candidate Starts for Rasputin_8:
(Start: 107 @3156 has 35 MA's), (Start: 309 @3342 has 15 MA's), (362, 3414), (381, 3426), (402, 3450), (408, 3462), (513, 3615), (523, 3630), (567, 3690), (620, 3798), (647, 3855), (770, 4053), (780, 4071), (812, 4125), (956, 4269), (983, 4311), (1006, 4344), (1088, 4413), (1193, 4557), (1236, 4602), (1292, 4662), (1372, 4761), (1405, 4794), (1433, 4821), (1435, 4824), (1438, 4827),

Gene: Rattail_2 Start: 373, Stop: 1995, Start Num: 193
Candidate Starts for Rattail_2:
(Start: 171 @352 has 16 MA's), (Start: 193 @373 has 21 MA's), (Start: 397 @604 has 4 MA's), (405, 616), (422, 652), (431, 670), (444, 676), (488, 748), (598, 916), (620, 967), (631, 991), (650, 1027), (665, 1048), (677, 1063), (713, 1123), (774, 1207), (954, 1423), (961, 1435), (1003, 1501), (1009, 1507), (1048, 1546), (1096, 1585), (1100, 1591), (1117, 1618), (1151, 1663), (1364, 1903), (1385, 1930), (1403, 1951), (1447, 1981), (1449, 1984),

Gene: Rattrick_2 Start: 359, Stop: 1891, Start Num: 161
Candidate Starts for Rattrick_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Raunak_8 Start: 3618, Stop: 5366, Start Num: 307
Candidate Starts for Raunak_8:
(Start: 295 @3600 has 6 MA's), (Start: 307 @3618 has 198 MA's), (363, 3711), (367, 3717), (401, 3774), (433, 3837), (516, 4014), (556, 4092), (572, 4113), (611, 4215), (644, 4284), (651, 4299), (680, 4341), (750, 4470), (791, 4545), (805, 4569), (872, 4674), (892, 4698), (956, 4782), (1053, 4896), (1071, 4914), (1120, 4983), (1123, 4986), (1156, 5037), (1190, 5079), (1249, 5166), (1274, 5193), (1290, 5214), (1299, 5226), (1315, 5244), (1372, 5319),

Gene: Ravana_14 Start: 6654, Stop: 8351, Start Num: 103
Candidate Starts for Ravana_14:
(Start: 103 @6654 has 236 MA's), (120, 6672), (302, 6834), (487, 7059), (513, 7113), (581, 7221), (594, 7248), (620, 7311), (631, 7335), (999, 7851), (1080, 7914), (1115, 7956), (1193, 8070), (1292, 8175), (1405, 8307), (1433, 8334), (1435, 8337), (1438, 8340),

Gene: RavenCo17_2 Start: 498, Stop: 2222, Start Num: 305
Candidate Starts for RavenCo17_2:
(Start: 295 @483 has 6 MA's), (Start: 305 @498 has 33 MA's), (373, 588), (439, 702), (447, 714), (499, 804), (510, 828), (513, 834), (526, 858), (530, 864), (555, 915), (590, 987), (696, 1185), (728, 1227), (732, 1233), (782, 1317), (807, 1344), (873, 1440), (885, 1455), (908, 1482), (1013, 1659), (1191, 1932), (1194, 1935), (1197, 1941), (1212, 1962), (1245, 2001), (1281, 2049), (1289, 2058), (1307, 2082), (1332, 2100), (1374, 2157), (1439, 2214),

Gene: RavenPuff_6 Start: 2653, Stop: 4398, Start Num: 307
Candidate Starts for RavenPuff_6:
(Start: 307 @2653 has 198 MA's), (310, 2659), (342, 2707), (363, 2746), (367, 2752), (516, 3049), (556, 3127), (572, 3148), (599, 3217), (644, 3319), (750, 3505), (808, 3610), (892, 3733), (950, 3805), (1071, 3946), (1120, 4015), (1123, 4018), (1223, 4156), (1274, 4225), (1290, 4246), (1293, 4249), (1299, 4258), (1315, 4276), (1336, 4306), (1370, 4348), (1372, 4351),

Gene: RayTheFireFly_2 Start: 586, Stop: 2196, Start Num: 185
Candidate Starts for RayTheFireFly_2:
(Start: 185 @586 has 14 MA's), (339, 769), (465, 904), (487, 952), (532, 1024), (620, 1177), (648, 1219), (675, 1249), (723, 1312), (737, 1354), (745, 1363), (778, 1414), (803, 1444), (804, 1447), (813, 1465), (855, 1510), (888, 1543), (912, 1570), (1055, 1735), (1112, 1786), (1149, 1825), (1170, 1852), (1172, 1855), (1187, 1873), (1278, 1957), (1432, 2131),

Gene: Raya_2 Start: 335, Stop: 1786, Start Num: 244
Candidate Starts for Raya_2:
(199, 293), (Start: 225 @311 has 84 MA's), (244, 335), (Start: 301 @389 has 2 MA's), (310, 404), (320, 422), (Start: 322 @425 has 1 MA's), (Start: 324 @428 has 1 MA's), (331, 437), (Start: 336 @446 has 12 MA's), (347, 458), (356, 479), (381, 515), (424, 590), (430, 602), (444, 611), (463, 629), (487, 680), (490, 689), (505, 719), (518, 728), (591, 833), (607, 875), (611, 884), (613, 887), (637, 920), (640, 926), (641, 929), (748, 1022), (753, 1028), (820, 1127), (923, 1256), (954, 1277), (979, 1319), (1042, 1382), (1083, 1415), (1113, 1451), (1150, 1490), (1171, 1517), (1208, 1562), (1345, 1709),

Gene: Raymond7_2 Start: 509, Stop: 2044, Start Num: 227
Candidate Starts for Raymond7_2:
(Start: 227 @509 has 25 MA's), (Start: 230 @512 has 31 MA's), (Start: 249 @527 has 1 MA's), (292, 584), (Start: 307 @602 has 198 MA's), (316, 614), (331, 635), (Start: 333 @638 has 4 MA's), (390, 686), (412, 722), (422, 743), (474, 806), (539, 926), (583, 1010), (613, 1076), (659, 1148), (661, 1151), (677, 1163), (747, 1289), (766, 1313), (808, 1376), (878, 1460), (940, 1517), (950, 1532), (987, 1607), (1003, 1625), (1152, 1769), (1187, 1790), (1213, 1823), (1226, 1838), (1278, 1874), (1346, 1952), (1349, 1955), (1353, 1961),

Gene: RcigaStruga_5 Start: 3080, Stop: 4645, Start Num: 165
Candidate Starts for RcigaStruga_5:
(Start: 165 @3080 has 76 MA's), (Start: 309 @3254 has 15 MA's), (Start: 333 @3290 has 4 MA's), (Start: 397 @3344 has 4 MA's), (419, 3386), (431, 3410), (518, 3536), (584, 3650), (593, 3665), (595, 3671), (620, 3731), (650, 3791), (748, 3857), (770, 3890), (790, 3920), (803, 3935), (818, 3968), (827, 3983), (852, 4016), (941, 4103), (1117, 4322), (1133, 4343), (1176, 4364), (1232, 4433), (1328, 4511), (1361, 4550), (1393, 4580), (1404, 4592), (1451, 4631), (1458, 4640),

Gene: ReMo_14 Start: 6686, Stop: 8383, Start Num: 103
Candidate Starts for ReMo_14:
(Start: 103 @6686 has 236 MA's), (120, 6704), (302, 6866), (424, 7022), (487, 7091), (513, 7145), (581, 7253), (594, 7280), (620, 7343), (631, 7367), (999, 7883), (1080, 7946), (1115, 7988), (1193, 8102), (1292, 8207), (1405, 8339), (1433, 8366), (1435, 8369), (1438, 8372),

Gene: Rearden_7 Start: 2337, Stop: 3869, Start Num: 233
Candidate Starts for Rearden_7:
(159, 2253), (Start: 198 @2295 has 4 MA's), (Start: 205 @2304 has 1 MA's), (Start: 233 @2337 has 12 MA's), (331, 2451), (380, 2514), (Start: 403 @2547 has 1 MA's), (426, 2595), (484, 2670), (500, 2706), (566, 2781), (568, 2784), (583, 2820), (599, 2853), (766, 3102), (808, 3165), (822, 3192), (862, 3237), (960, 3351), (975, 3387), (1005, 3417), (1015, 3426), (1082, 3480), (1112, 3504), (1349, 3738), (1358, 3750),

Gene: Reba_14 Start: 6700, Stop: 8400, Start Num: 105
Candidate Starts for Reba_14:
(Start: 105 @6700 has 85 MA's), (Start: 145 @6748 has 1 MA's), (302, 6883), (513, 7162), (620, 7360), (675, 7450), (718, 7513), (809, 7675), (983, 7873), (999, 7897), (1001, 7900), (1080, 7963), (1088, 7975), (1100, 7984), (1113, 8002), (1129, 8023), (1193, 8119), (1241, 8173), (1279, 8209), (1405,

8356), (1435, 8386), (1438, 8389),

Gene: Rebel_2 Start: 509, Stop: 2044, Start Num: 227
Candidate Starts for Rebel_2:
(Start: 227 @509 has 25 MA's), (Start: 230 @512 has 31 MA's), (Start: 249 @527 has 1 MA's), (292, 584), (Start: 307 @602 has 198 MA's), (316, 614), (390, 686), (412, 722), (422, 743), (474, 806), (539, 926), (583, 1010), (613, 1076), (659, 1148), (661, 1151), (677, 1163), (747, 1289), (766, 1313), (808, 1376), (878, 1460), (940, 1517), (950, 1532), (987, 1607), (1003, 1625), (1152, 1769), (1187, 1790), (1213, 1823), (1226, 1838), (1278, 1874), (1346, 1952), (1349, 1955), (1353, 1961),

Gene: Rebeuca_12 Start: 6881, Stop: 8557, Start Num: 102
Candidate Starts for Rebeuca_12:
(Start: 102 @6881 has 400 MA's), (Start: 251 @7013 has 3 MA's), (381, 7145), (412, 7190), (490, 7286), (513, 7331), (538, 7370), (575, 7418), (581, 7439), (593, 7463), (620, 7514), (693, 7637), (774, 7769), (816, 7844), (848, 7889), (923, 7955), (983, 8030), (999, 8054), (1001, 8057), (1080, 8120), (1113, 8159), (1115, 8162), (1129, 8180), (1193, 8276), (1250, 8345), (1405, 8513), (1435, 8543), (1438, 8546),

Gene: Red305_5 Start: 1190, Stop: 2755, Start Num: 138
Candidate Starts for Red305_5:
(97, 1139), (Start: 105 @1148 has 85 MA's), (Start: 138 @1190 has 120 MA's), (Start: 142 @1196 has 6 MA's), (293, 1367), (Start: 317 @1397 has 15 MA's), (396, 1472), (402, 1478), (405, 1484), (506, 1640), (512, 1649), (513, 1652), (515, 1655), (566, 1730), (591, 1784), (593, 1787), (594, 1790), (766, 2021), (813, 2096), (827, 2117), (832, 2123), (900, 2192), (942, 2216), (954, 2234), (962, 2249), (1060, 2363), (1113, 2402), (1116, 2408), (1172, 2474), (1216, 2528), (1263, 2564), (1278, 2576), (1329, 2615), (1400, 2702), (1448, 2747), (1450, 2750),

Gene: RedBaron_6 Start: 1158, Stop: 2837, Start Num: 170
Candidate Starts for RedBaron_6:
(Start: 170 @1158 has 103 MA's), (Start: 232 @1209 has 1 MA's), (Start: 249 @1230 has 1 MA's), (Start: 251 @1233 has 3 MA's), (304, 1275), (362, 1356), (415, 1422), (424, 1431), (485, 1503), (490, 1518), (509, 1554), (513, 1563), (543, 1614), (595, 1713), (623, 1767), (645, 1803), (735, 1947), (760, 1983), (780, 2022), (798, 2055), (825, 2103), (848, 2136), (866, 2160), (921, 2193), (954, 2226), (981, 2283), (987, 2292), (1076, 2376), (1146, 2463), (1214, 2559), (1282, 2631), (1292, 2643), (1394, 2763), (1454, 2823), (1456, 2826),

Gene: RedBear_8 Start: 2648, Stop: 4294, Start Num: 95
Candidate Starts for RedBear_8:
(Start: 95 @2648 has 98 MA's), (Start: 113 @2666 has 11 MA's), (Start: 330 @2870 has 14 MA's), (407, 2951), (504, 3086), (515, 3107), (548, 3152), (575, 3194), (603, 3266), (620, 3290), (680, 3389), (722, 3443), (748, 3500), (838, 3602), (903, 3662), (930, 3689), (997, 3773), (1006, 3785), (1088, 3863), (1116, 3896), (1165, 3971), (1193, 4010), (1214, 4031), (1219, 4037), (1236, 4055), (1325, 4151), (1372, 4211),

Gene: RedBird_2 Start: 571, Stop: 2208, Start Num: 155
Candidate Starts for RedBird_2:
(Start: 155 @571 has 202 MA's), (163, 580), (Start: 176 @595 has 3 MA's), (Start: 247 @652 has 171 MA's), (Start: 250 @655 has 144 MA's), (Start: 318 @718 has 1 MA's), (353, 757), (412, 844), (454, 904), (473, 916), (484, 928), (487, 937), (488, 940), (496, 961), (508, 982), (548, 1054), (575, 1093), (602, 1162), (604, 1168), (621, 1198), (622, 1201), (627, 1210), (635, 1225), (647, 1243), (680, 1294), (736, 1387), (740, 1396), (862, 1567), (874, 1579), (983, 1663), (1005, 1693), (1007, 1696), (1010, 1699), (1080, 1756), (1097, 1771), (1101, 1777), (1104, 1780), (1113, 1795), (1117, 1804), (1164, 1873), (1190, 1903), (1196, 1912), (1225, 1945), (1250, 1978), (1265, 2005), (1297, 2038), (1325,

2068), (1349, 2089), (1365, 2113), (1372, 2122), (1374, 2125), (1429, 2182),

Gene: RedFox_2 Start: 370, Stop: 1992, Start Num: 193
Candidate Starts for RedFox_2:
(Start: 171 @349 has 16 MA's), (Start: 193 @370 has 21 MA's), (Start: 397 @601 has 4 MA's), (399, 604), (405, 613), (422, 649), (431, 667), (488, 745), (569, 850), (620, 964), (631, 988), (650, 1024), (665, 1045), (677, 1060), (713, 1120), (774, 1204), (954, 1420), (961, 1432), (975, 1459), (1003, 1498), (1009, 1504), (1048, 1543), (1080, 1570), (1096, 1582), (1117, 1615), (1126, 1627), (1151, 1660), (1305, 1831), (1364, 1900), (1369, 1906), (1385, 1927), (1403, 1948), (1447, 1978), (1449, 1981), (1451, 1984),

Gene: RedRaider_31 Start: 15061, Stop: 16740, Start Num: 155
Candidate Starts for RedRaider_31:
(Start: 155 @15061 has 202 MA's), (Start: 317 @15211 has 15 MA's), (353, 15268), (372, 15295), (379, 15307), (408, 15346), (424, 15379), (473, 15436), (621, 15721), (635, 15748), (740, 15916), (748, 15928), (768, 15961), (824, 16039), (953, 16141), (1034, 16255), (1080, 16312), (1104, 16336), (1113, 16351), (1146, 16393), (1163, 16426), (1196, 16459), (1237, 16507), (1258, 16534), (1320, 16603), (1325, 16606), (1387, 16675),

Gene: RedRaider77_35 Start: 10894, Stop: 12636, Start Num: 170
Candidate Starts for RedRaider77_35:
(Start: 170 @10894 has 103 MA's), (302, 11011), (Start: 330 @11056 has 14 MA's), (369, 11122), (374, 11137), (402, 11170), (Start: 403 @11173 has 1 MA's), (411, 11188), (425, 11212), (426, 11215), (467, 11245), (479, 11266), (485, 11284), (488, 11293), (505, 11329), (513, 11344), (543, 11389), (575, 11431), (590, 11470), (595, 11482), (603, 11503), (632, 11554), (647, 11575), (798, 11797), (866, 11902), (874, 11911), (930, 11944), (954, 11965), (956, 11968), (969, 11995), (983, 12025), (992, 12037), (1001, 12052), (1009, 12061), (1015, 12067), (1062, 12109), (1074, 12118), (1084, 12133), (1100, 12148), (1146, 12208), (1163, 12247), (1185, 12280), (1214, 12310), (1217, 12313), (1265, 12397), (1292, 12451), (1304, 12466), (1332, 12493), (1372, 12547), (1451, 12619), (1453, 12622),

Gene: RedRock_15 Start: 9396, Stop: 11156, Start Num: 103
Candidate Starts for RedRock_15:
(50, 9312), (Start: 103 @9396 has 236 MA's), (Start: 217 @9504 has 1 MA's), (234, 9525), (282, 9609), (298, 9633), (314, 9657), (362, 9720), (411, 9774), (487, 9864), (513, 9918), (581, 10026), (620, 10116), (631, 10140), (722, 10272), (803, 10416), (813, 10440), (916, 10548), (983, 10632), (1064, 10704), (1080, 10719), (1113, 10758), (1115, 10761), (1129, 10779), (1193, 10875), (1250, 10944), (1405, 11112), (1433, 11139), (1435, 11142), (1438, 11145), (1440, 11148),

Gene: Redi_2 Start: 512, Stop: 2044, Start Num: 230
Candidate Starts for Redi_2:
(Start: 227 @509 has 25 MA's), (Start: 230 @512 has 31 MA's), (Start: 249 @527 has 1 MA's), (292, 584), (Start: 307 @602 has 198 MA's), (316, 614), (390, 686), (412, 722), (422, 743), (474, 806), (539, 926), (583, 1010), (613, 1076), (659, 1148), (661, 1151), (677, 1163), (747, 1289), (766, 1313), (808, 1376), (878, 1460), (940, 1517), (950, 1532), (987, 1607), (1003, 1625), (1152, 1769), (1187, 1790), (1213, 1823), (1226, 1838), (1278, 1874), (1346, 1952), (1349, 1955), (1353, 1961),

Gene: Reedo_2 Start: 544, Stop: 2244, Start Num: 128
Candidate Starts for Reedo_2:
(Start: 128 @544 has 7 MA's), (214, 607), (486, 913), (513, 970), (546, 1018), (595, 1108), (623, 1162), (645, 1207), (693, 1282), (881, 1534), (932, 1591), (983, 1654), (1111, 1786), (1165, 1873), (1193, 1909), (1209, 1924), (1226, 1942), (1372, 2155), (1381, 2167),

Gene: Refuge_15 Start: 9750, Stop: 11534, Start Num: 103
Candidate Starts for Refuge_15:
(Start: 103 @9750 has 236 MA's), (Start: 232 @9870 has 1 MA's), (241, 9882), (281, 9948), (298, 9981), (362, 10068), (487, 10212), (513, 10266), (538, 10305), (581, 10377), (620, 10467), (631, 10491), (693, 10590), (704, 10608), (722, 10623), (803, 10767), (874, 10875), (983, 11010), (1064, 11082), (1080, 11097), (1129, 11157), (1193, 11253), (1279, 11343), (1374, 11460), (1402, 11487), (1405, 11490), (1433, 11517), (1435, 11520), (1438, 11523),

Gene: Regigigas_7 Start: 3411, Stop: 5153, Start Num: 305
Candidate Starts for Regigigas_7:
(Start: 305 @3411 has 33 MA's), (Start: 307 @3414 has 198 MA's), (310, 3420), (342, 3468), (345, 3471), (363, 3507), (367, 3513), (440, 3651), (460, 3687), (467, 3699), (556, 3882), (572, 3903), (608, 3996), (611, 4005), (637, 4056), (644, 4074), (805, 4359), (892, 4488), (950, 4557), (1022, 4647), (1050, 4674), (1071, 4701), (1120, 4770), (1123, 4773), (1152, 4815), (1156, 4824), (1249, 4953), (1274, 4980), (1290, 5001), (1299, 5013), (1315, 5031), (1370, 5103), (1372, 5106), (1381, 5118),

Gene: RegnumDei_6 Start: 3693, Stop: 5237, Start Num: 218
Candidate Starts for RegnumDei_6:
(Start: 218 @3693 has 8 MA's), (Start: 403 @3930 has 1 MA's), (405, 3933), (419, 3963), (489, 4068), (595, 4224), (599, 4236), (602, 4242), (613, 4269), (618, 4278), (641, 4320), (808, 4557), (923, 4692), (960, 4737), (975, 4773), (1080, 4878), (1113, 4908), (1126, 4932), (1190, 5010), (1278, 5076), (1322, 5127), (1391, 5196),

Gene: Reindeer_12 Start: 4590, Stop: 6134, Start Num: 170
Candidate Starts for Reindeer_12:
(Start: 170 @4590 has 103 MA's), (215, 4638), (487, 4977), (606, 5169), (618, 5193), (776, 5379), (809, 5430), (827, 5460), (832, 5466), (863, 5502), (959, 5565), (970, 5589), (977, 5604), (1041, 5664), (1050, 5676), (1080, 5706), (1113, 5736), (1142, 5769), (1160, 5802), (1190, 5829), (1228, 5877), (1278, 5910), (1400, 6063), (1420, 6084),

Gene: Relief_11 Start: 6885, Stop: 8582, Start Num: 102
Candidate Starts for Relief_11:
(Start: 102 @6885 has 400 MA's), (Start: 124 @6909 has 46 MA's), (Start: 251 @7032 has 3 MA's), (350, 7122), (381, 7155), (467, 7254), (512, 7338), (513, 7341), (538, 7380), (581, 7449), (593, 7473), (620, 7539), (675, 7629), (774, 7794), (825, 7881), (848, 7914), (923, 7980), (981, 8052), (983, 8055), (999, 8079), (1064, 8130), (1080, 8145), (1113, 8184), (1129, 8205), (1193, 8301), (1405, 8538), (1435, 8568), (1438, 8571),

Gene: Rem711_3 Start: 871, Stop: 2538, Start Num: 115
Candidate Starts for Rem711_3:
(59, 787), (75, 814), (93, 844), (106, 859), (Start: 115 @871 has 1 MA's), (Start: 318 @1078 has 1 MA's), (431, 1231), (444, 1237), (578, 1453), (583, 1465), (675, 1624), (680, 1636), (699, 1669), (706, 1687), (741, 1738), (766, 1774), (778, 1795), (794, 1816), (826, 1861), (891, 1924), (919, 1951), (1063, 2113), (1074, 2122), (1139, 2185), (1150, 2200), (1187, 2245), (1206, 2269), (1302, 2359), (1317, 2371), (1377, 2440),

Gene: Remus_14 Start: 6647, Stop: 8344, Start Num: 103
Candidate Starts for Remus_14:
(Start: 103 @6647 has 236 MA's), (120, 6665), (302, 6827), (487, 7052), (513, 7106), (581, 7214), (594, 7241), (620, 7304), (631, 7328), (999, 7844), (1080, 7907), (1115, 7949), (1193, 8063), (1292, 8168), (1405, 8300), (1433, 8327), (1435, 8330), (1438, 8333),

Gene: RemusLoopin_2 Start: 597, Stop: 2147, Start Num: 397

Candidate Starts for RemusLoopin_2:
(Start: 397 @597 has 4 MA's), (436, 669), (522, 816), (526, 825), (551, 873), (576, 918), (589, 954), (598, 978), (609, 1008), (614, 1017), (643, 1062), (656, 1092), (676, 1113), (693, 1146), (728, 1191), (735, 1203), (774, 1266), (803, 1296), (848, 1356), (916, 1455), (980, 1551), (982, 1554), (1035, 1623), (1070, 1674), (1075, 1680), (1081, 1689), (1107, 1731), (1164, 1833), (1165, 1836), (1178, 1854), (1201, 1881), (1240, 1929), (1305, 2010), (1325, 2034), (1332, 2037), (1391, 2112), (1417, 2133),

Gene: Remy19_2 Start: 359, Stop: 1891, Start Num: 161
Candidate Starts for Remy19_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Renaissance_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for Renaissance_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Renaldo_9 Start: 3540, Stop: 5273, Start Num: 307
Candidate Starts for Renaldo_9:
(Start: 307 @3540 has 198 MA's), (Start: 330 @3579 has 14 MA's), (354, 3615), (367, 3639), (493, 3876), (502, 3894), (516, 3924), (556, 4002), (572, 4023), (599, 4092), (644, 4194), (656, 4218), (693, 4275), (709, 4308), (750, 4380), (805, 4479), (820, 4509), (847, 4551), (892, 4608), (956, 4689), (1071, 4821), (1120, 4890), (1123, 4893), (1190, 4986), (1273, 5097), (1290, 5121), (1299, 5133), (1309, 5145), (1370, 5223), (1372, 5226),

Gene: Renaud18_2 Start: 458, Stop: 2236, Start Num: 87
Candidate Starts for Renaud18_2:
(Start: 87 @458 has 22 MA's), (Start: 131 @509 has 1 MA's), (147, 530), (Start: 175 @560 has 2 MA's), (183, 566), (Start: 198 @581 has 4 MA's), (257, 632), (Start: 322 @695 has 1 MA's), (Start: 330 @707 has 14 MA's), (362, 743), (408, 791), (414, 806), (424, 818), (426, 824), (484, 881), (485, 884), (487, 890), (492, 905), (502, 923), (504, 926), (513, 944), (595, 1085), (602, 1103), (620, 1130), (631, 1154), (645, 1187), (696, 1265), (748, 1355), (756, 1364), (765, 1379), (812, 1421), (813, 1424), (842, 1466), (848, 1475), (866, 1499), (927, 1541), (929, 1544), (956, 1568), (981, 1607), (983, 1610), (993, 1625), (1006, 1643), (1009, 1646), (1091, 1727), (1102, 1742), (1105, 1745), (1113, 1757), (1139, 1796), (1163, 1847), (1165, 1853), (1182, 1889), (1193, 1901), (1211, 1925), (1234, 1952), (1240, 1961), (1241, 1964), (1281, 2036), (1325, 2084), (1332, 2090), (1355, 2123), (1360, 2129), (1365, 2135), (1370, 2141), (1372, 2144), (1381, 2156), (1402, 2174), (1421, 2195), (1437, 2213), (1448, 2225),

Gene: Renna12_3 Start: 538, Stop: 2160, Start Num: 193
Candidate Starts for Renna12_3:
(Start: 171 @517 has 16 MA's), (Start: 193 @538 has 21 MA's), (Start: 309 @679 has 15 MA's), (399, 772), (405, 781), (422, 817), (431, 835), (488, 913), (569, 1018), (620, 1132), (650, 1192), (665, 1213), (677, 1228), (731, 1309), (774, 1372), (954, 1588), (961, 1600), (975, 1627), (1003, 1666), (1009, 1672), (1048, 1711), (1096, 1750), (1117, 1783), (1151, 1828), (1305, 1999), (1364, 2068), (1369,

2074), (1385, 2095), (1447, 2146), (1449, 2149),

Gene: Reptar3000_9 Start: 2501, Stop: 3841, Start Num: 336
Candidate Starts for Reptar3000_9:
(Start: 247 @2396 has 171 MA's), (Start: 336 @2501 has 12 MA's), (391, 2585), (402, 2594), (419, 2630), (425, 2642), (463, 2684), (487, 2735), (493, 2753), (517, 2783), (591, 2888), (607, 2930), (611, 2939), (613, 2942), (675, 3020), (679, 3029), (792, 3134), (816, 3176), (820, 3182), (851, 3224), (962, 3341), (992, 3383), (1042, 3428), (1111, 3497), (1150, 3542), (1160, 3563), (1187, 3587), (1277, 3671), (1353, 3764), (1425, 3830), (1431, 3836),

Gene: ResDef_12 Start: 7044, Stop: 8741, Start Num: 102
Candidate Starts for ResDef_12:
(Start: 102 @7044 has 400 MA's), (Start: 124 @7068 has 46 MA's), (381, 7314), (508, 7488), (513, 7500), (538, 7539), (550, 7551), (581, 7608), (593, 7632), (620, 7698), (623, 7707), (675, 7788), (693, 7821), (774, 7953), (780, 7965), (812, 8019), (825, 8040), (848, 8073), (914, 8127), (983, 8214), (999, 8238), (1001, 8241), (1006, 8247), (1015, 8256), (1080, 8304), (1113, 8343), (1115, 8346), (1129, 8364), (1193, 8460), (1241, 8514), (1374, 8667), (1405, 8697), (1435, 8727), (1438, 8730),

Gene: Retro23_12 Start: 7537, Stop: 9324, Start Num: 103
Candidate Starts for Retro23_12:
(Start: 103 @7537 has 236 MA's), (Start: 217 @7645 has 1 MA's), (234, 7666), (298, 7774), (424, 7936), (512, 8056), (513, 8059), (581, 8167), (620, 8257), (631, 8281), (704, 8398), (722, 8413), (916, 8713), (1088, 8899), (1113, 8926), (1129, 8947), (1193, 9043), (1405, 9280), (1433, 9307), (1435, 9310),

Gene: RexFury_8 Start: 3187, Stop: 4869, Start Num: 107
Candidate Starts for RexFury_8:
(Start: 107 @3187 has 35 MA's), (Start: 309 @3373 has 15 MA's), (362, 3445), (381, 3457), (402, 3481), (408, 3493), (513, 3646), (523, 3661), (567, 3721), (620, 3829), (647, 3886), (770, 4084), (780, 4102), (812, 4156), (956, 4300), (983, 4342), (1006, 4375), (1088, 4444), (1193, 4588), (1236, 4633), (1292, 4693), (1372, 4792), (1405, 4825), (1433, 4852), (1435, 4855), (1438, 4858),

Gene: Rey_18 Start: 5535, Stop: 7073, Start Num: 173
Candidate Starts for Rey_18:
(Start: 170 @5532 has 103 MA's), (Start: 173 @5535 has 36 MA's), (331, 5718), (342, 5736), (392, 5769), (398, 5778), (431, 5841), (487, 5916), (606, 6108), (678, 6201), (690, 6222), (809, 6369), (852, 6429), (1041, 6603), (1116, 6681), (1142, 6708), (1160, 6741), (1190, 6768), (1400, 7002), (1420, 7023),

Gene: Reyja_3 Start: 640, Stop: 2217, Start Num: 206
Candidate Starts for Reyja_3:
(127, 547), (Start: 206 @640 has 13 MA's), (347, 823), (402, 862), (405, 868), (419, 898), (490, 1006), (532, 1075), (569, 1105), (598, 1168), (630, 1240), (645, 1270), (648, 1276), (650, 1279), (827, 1525), (852, 1546), (865, 1561), (867, 1564), (877, 1576), (938, 1636), (964, 1681), (973, 1699), (979, 1708), (997, 1738), (1105, 1831), (1117, 1852), (1124, 1861), (1170, 1921), (1290, 2041), (1369, 2134), (1385, 2152), (1449, 2206),

Gene: Rhodalysa_8 Start: 3156, Stop: 4838, Start Num: 107
Candidate Starts for Rhodalysa_8:
(Start: 107 @3156 has 35 MA's), (Start: 309 @3342 has 15 MA's), (362, 3414), (381, 3426), (402, 3450), (408, 3462), (513, 3615), (523, 3630), (567, 3690), (620, 3798), (647, 3855), (770, 4053), (780, 4071), (812, 4125), (956, 4269), (981, 4308), (983, 4311), (1006, 4344), (1088, 4413), (1193, 4557), (1236, 4602), (1292, 4662), (1372, 4761), (1405, 4794), (1433, 4821), (1435, 4824), (1438, 4827),

Gene: Rhogar_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for Rhogar_3:
(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (806, 1881), (817, 1896), (842, 1932), (880, 1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298), (1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: RhynO_12 Start: 6844, Stop: 8535, Start Num: 102
Candidate Starts for RhynO_12:
(Start: 102 @6844 has 400 MA's), (Start: 124 @6868 has 46 MA's), (Start: 251 @6991 has 3 MA's), (Start: 318 @7057 has 1 MA's), (362, 7111), (381, 7123), (412, 7168), (467, 7222), (485, 7249), (490, 7264), (513, 7309), (538, 7348), (575, 7396), (581, 7417), (593, 7441), (620, 7492), (693, 7615), (782, 7762), (816, 7822), (848, 7867), (923, 7933), (983, 8008), (999, 8032), (1080, 8098), (1129, 8158), (1193, 8254), (1241, 8308), (1405, 8491), (1435, 8521), (1438, 8524),

Gene: Rhynn_11 Start: 7048, Stop: 8736, Start Num: 102
Candidate Starts for Rhynn_11:
(Start: 102 @7048 has 400 MA's), (381, 7312), (402, 7336), (513, 7498), (535, 7531), (581, 7606), (604, 7660), (620, 7696), (631, 7720), (647, 7747), (679, 7795), (728, 7864), (774, 7951), (809, 8011), (1009, 8245), (1021, 8257), (1080, 8299), (1100, 8320), (1117, 8347), (1193, 8455), (1279, 8545), (1365, 8650),

Gene: Rhysand_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for Rhysand_3:
(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (806, 1881), (817, 1896), (842, 1932), (880, 1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298), (1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: Richarlison_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for Richarlison_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Richo_8 Start: 1660, Stop: 3090, Start Num: 247
Candidate Starts for Richo_8:
(Start: 197 @1618 has 3 MA's), (Start: 230 @1648 has 31 MA's), (Start: 247 @1660 has 171 MA's), (Start: 322 @1750 has 1 MA's), (Start: 336 @1774 has 12 MA's), (342, 1780), (363, 1819), (391, 1858), (402, 1867), (405, 1873), (425, 1915), (444, 1933), (463, 1951), (487, 2002), (517, 2050), (607, 2197), (611, 2206), (742, 2335), (792, 2401), (816, 2443), (820, 2449), (827, 2461), (851, 2491), (870, 2515), (893, 2542), (962, 2611), (993, 2653), (1042, 2683), (1064, 2707), (1112, 2755), (1160, 2818), (1187, 2842), (1235, 2893), (1283, 2932), (1353, 3022), (1389, 3061), (1425, 3079), (1431, 3085),

Gene: Rickmore_16 Start: 9071, Stop: 10816, Start Num: 307
Candidate Starts for Rickmore_16:
(Start: 307 @9071 has 198 MA's), (310, 9077), (363, 9164), (367, 9170), (387, 9206), (417, 9260), (420, 9266), (502, 9437), (523, 9479), (525, 9482), (556, 9545), (572, 9566), (599, 9635), (644, 9737), (680, 9794), (709, 9851), (722, 9863), (750, 9923), (805, 10022), (808, 10028), (841, 10085), (892,

10151), (1050, 10337), (1053, 10346), (1111, 10412), (1120, 10433), (1123, 10436), (1249, 10616), (1288, 10661), (1290, 10664), (1299, 10676), (1370, 10766), (1372, 10769),

Gene: RidgeCB_11 Start: 6575, Stop: 8263, Start Num: 102
Candidate Starts for RidgeCB_11:
(Start: 102 @6575 has 400 MA's), (Start: 309 @6755 has 15 MA's), (381, 6839), (408, 6875), (424, 6902), (513, 7025), (581, 7133), (620, 7223), (631, 7247), (647, 7274), (679, 7322), (774, 7478), (809, 7538), (1009, 7772), (1021, 7784), (1080, 7826), (1100, 7847), (1117, 7874), (1193, 7982), (1279, 8072), (1365, 8177),

Gene: Rifter_15 Start: 7506, Stop: 9260, Start Num: 103
Candidate Starts for Rifter_15:
(Start: 103 @7506 has 236 MA's), (241, 7638), (298, 7737), (314, 7761), (Start: 330 @7788 has 14 MA's), (362, 7824), (424, 7899), (513, 8022), (523, 8037), (538, 8061), (581, 8130), (593, 8154), (594, 8157), (620, 8220), (631, 8244), (718, 8373), (722, 8376), (780, 8487), (914, 8649), (983, 8736), (992, 8748), (999, 8760), (1064, 8808), (1080, 8823), (1129, 8883), (1182, 8967), (1193, 8979), (1405, 9216), (1433, 9243), (1435, 9246),

Gene: Rileysaurus_2 Start: 377, Stop: 1888, Start Num: 228
Candidate Starts for Rileysaurus_2:
(Start: 228 @377 has 40 MA's), (Start: 262 @416 has 67 MA's), (274, 434), (314, 479), (Start: 333 @506 has 4 MA's), (334, 509), (Start: 393 @557 has 3 MA's), (Start: 400 @566 has 2 MA's), (405, 572), (424, 611), (426, 617), (474, 668), (485, 692), (487, 698), (506, 737), (512, 746), (513, 749), (533, 788), (535, 791), (566, 851), (572, 860), (591, 905), (593, 908), (602, 929), (607, 944), (611, 953), (618, 965), (653, 1025), (664, 1040), (667, 1043), (669, 1046), (745, 1133), (776, 1178), (797, 1205), (809, 1226), (855, 1292), (954, 1355), (973, 1397), (1112, 1529), (1130, 1550), (1131, 1553), (1134, 1556), (1143, 1568), (1160, 1598), (1170, 1601), (1184, 1619), (1190, 1625), (1213, 1655), (1278, 1703), (1280, 1706), (1373, 1805), (1389, 1826), (1394, 1832), (1397, 1835), (1433, 1874), (1443, 1880),

Gene: Rima_8 Start: 3146, Stop: 4891, Start Num: 307
Candidate Starts for Rima_8:
(Start: 307 @3146 has 198 MA's), (342, 3200), (345, 3203), (363, 3239), (367, 3245), (488, 3479), (535, 3578), (556, 3620), (572, 3641), (589, 3683), (594, 3695), (637, 3794), (644, 3812), (666, 3848), (791, 4073), (805, 4097), (808, 4103), (892, 4226), (950, 4295), (1050, 4412), (1052, 4418), (1071, 4439), (1120, 4508), (1123, 4511), (1156, 4562), (1223, 4649), (1273, 4715), (1290, 4739), (1299, 4751), (1315, 4769), (1370, 4841), (1372, 4844),

Gene: Ringer_11 Start: 7246, Stop: 8934, Start Num: 102
Candidate Starts for Ringer_11:
(Start: 102 @7246 has 400 MA's), (Start: 309 @7426 has 15 MA's), (381, 7510), (408, 7546), (424, 7573), (513, 7696), (581, 7804), (620, 7894), (631, 7918), (647, 7945), (679, 7993), (774, 8149), (809, 8209), (1001, 8434), (1009, 8443), (1021, 8455), (1080, 8497), (1100, 8518), (1117, 8545), (1193, 8653), (1279, 8743), (1365, 8848),

Gene: Riovina_2 Start: 429, Stop: 1994, Start Num: 165
Candidate Starts for Riovina_2:
(Start: 165 @429 has 76 MA's), (Start: 307 @600 has 198 MA's), (Start: 397 @693 has 4 MA's), (431, 759), (463, 783), (488, 837), (569, 966), (620, 1080), (650, 1140), (672, 1170), (790, 1269), (803, 1284), (852, 1365), (941, 1452), (983, 1527), (985, 1530), (1009, 1560), (1100, 1644), (1133, 1692), (1177, 1716), (1283, 1806), (1328, 1860), (1404, 1941), (1451, 1980),

Gene: Rira_3 Start: 1113, Stop: 2573, Start Num: 250
Candidate Starts for Rira_3:

(Start: 250 @1113 has 144 MA's), (Start: 254 @1119 has 2 MA's), (358, 1281), (363, 1290), (399, 1350), (444, 1419), (465, 1440), (488, 1491), (619, 1695), (755, 1830), (806, 1908), (817, 1923), (829, 1941), (842, 1959), (880, 2001), (911, 2034), (926, 2052), (1015, 2172), (1020, 2175), (1039, 2187), (1047, 2199), (1060, 2211), (1113, 2262), (1160, 2319), (1172, 2325), (1178, 2334), (1187, 2343), (1190, 2346), (1330, 2508), (1337, 2517), (1344, 2526), (1372, 2565),

Gene: Rita_2 Start: 588, Stop: 2225, Start Num: 155
Candidate Starts for Rita_2:
(Start: 155 @588 has 202 MA's), (168, 603), (Start: 176 @612 has 3 MA's), (182, 618), (Start: 217 @645 has 1 MA's), (Start: 247 @669 has 171 MA's), (Start: 250 @672 has 144 MA's), (Start: 318 @735 has 1 MA's), (Start: 330 @753 has 14 MA's), (353, 774), (412, 861), (414, 867), (454, 921), (473, 933), (484, 945), (487, 954), (488, 957), (496, 978), (508, 999), (516, 1014), (548, 1071), (575, 1110), (602, 1179), (604, 1185), (621, 1215), (622, 1218), (627, 1227), (635, 1242), (647, 1260), (680, 1311), (740, 1413), (862, 1584), (874, 1596), (920, 1614), (983, 1680), (1005, 1710), (1007, 1713), (1010, 1716), (1080, 1773), (1097, 1788), (1101, 1794), (1104, 1797), (1113, 1812), (1117, 1821), (1164, 1890), (1190, 1920), (1196, 1929), (1225, 1962), (1250, 1995), (1265, 2022), (1297, 2055), (1320, 2082), (1325, 2085), (1349, 2106), (1365, 2130), (1372, 2139), (1374, 2142), (1429, 2199),

Gene: RitaG_2 Start: 571, Stop: 2208, Start Num: 155
Candidate Starts for RitaG_2:
(Start: 155 @571 has 202 MA's), (163, 580), (Start: 176 @595 has 3 MA's), (Start: 247 @652 has 171 MA's), (Start: 250 @655 has 144 MA's), (Start: 318 @718 has 1 MA's), (353, 757), (412, 844), (454, 904), (473, 916), (484, 928), (487, 937), (488, 940), (496, 961), (508, 982), (548, 1054), (575, 1093), (602, 1162), (604, 1168), (621, 1198), (622, 1201), (627, 1210), (635, 1225), (647, 1243), (680, 1294), (736, 1387), (740, 1396), (862, 1567), (874, 1579), (983, 1663), (1005, 1693), (1007, 1696), (1010, 1699), (1080, 1756), (1097, 1771), (1101, 1777), (1104, 1780), (1113, 1795), (1117, 1804), (1164, 1873), (1190, 1903), (1196, 1912), (1225, 1945), (1250, 1978), (1265, 2005), (1297, 2038), (1325, 2068), (1349, 2089), (1365, 2113), (1372, 2122), (1374, 2125), (1429, 2182),

Gene: RiverMonster_8 Start: 2274, Stop: 3944, Start Num: 394
Candidate Starts for RiverMonster_8:
(Start: 394 @2274 has 48 MA's), (427, 2337), (551, 2571), (598, 2673), (693, 2853), (710, 2877), (724, 2895), (732, 2907), (768, 2970), (776, 2982), (808, 3027), (815, 3042), (873, 3120), (911, 3165), (934, 3219), (935, 3225), (1000, 3339), (1104, 3483), (1124, 3519), (1218, 3672), (1232, 3684), (1279, 3741), (1307, 3777), (1346, 3828), (1372, 3864), (1374, 3867), (1438, 3933),

Gene: Riverdale_5 Start: 3064, Stop: 4629, Start Num: 165
Candidate Starts for Riverdale_5:
(Start: 165 @3064 has 76 MA's), (Start: 333 @3274 has 4 MA's), (Start: 397 @3328 has 4 MA's), (431, 3394), (463, 3418), (584, 3634), (593, 3649), (595, 3655), (620, 3715), (770, 3874), (790, 3904), (803, 3919), (852, 4000), (936, 4078), (941, 4087), (961, 4123), (983, 4162), (1009, 4195), (1020, 4204), (1046, 4231), (1105, 4285), (1133, 4327), (1197, 4372), (1212, 4393), (1232, 4417), (1328, 4495), (1451, 4615),

Gene: Rizz_4 Start: 820, Stop: 2379, Start Num: 151
Candidate Starts for Rizz_4:
(88, 760), (Start: 151 @820 has 55 MA's), (259, 928), (Start: 318 @1006 has 1 MA's), (342, 1039), (419, 1120), (421, 1123), (425, 1132), (465, 1168), (491, 1228), (566, 1318), (568, 1321), (607, 1414), (611, 1423), (620, 1438), (680, 1522), (723, 1573), (778, 1639), (808, 1681), (875, 1750), (880, 1756), (919, 1795), (946, 1816), (959, 1840), (962, 1846), (971, 1867), (1009, 1912), (1054, 1948), (1057, 1951), (1109, 1993), (1216, 2122), (1280, 2173), (1390, 2302), (1461, 2362),

Gene: Roary_9 Start: 5668, Stop: 7422, Start Num: 67

Candidate Starts for Roary_9:
(Start: 67 @5668 has 32 MA's), (92, 5710), (Start: 128 @5749 has 7 MA's), (241, 5857), (424, 6064), (567, 6265), (620, 6373), (693, 6502), (793, 6667), (812, 6700), (926, 6820), (983, 6895), (1100, 7006), (1113, 7024), (1129, 7045), (1163, 7099), (1193, 7141), (1250, 7210), (1292, 7246), (1372, 7345), (1405, 7378), (1438, 7411), (1443, 7417),

Gene: Roberts_4 Start: 1251, Stop: 2789, Start Num: 211
Candidate Starts for Roberts_4:
(Start: 211 @1251 has 13 MA's), (259, 1296), (405, 1455), (458, 1518), (495, 1605), (611, 1845), (618, 1857), (650, 1914), (750, 2073), (808, 2160), (938, 2292), (1084, 2460), (1228, 2592),

Gene: RockScotty_2 Start: 594, Stop: 2282, Start Num: 143
Candidate Starts for RockScotty_2:
(Start: 143 @594 has 16 MA's), (477, 939), (490, 963), (513, 1008), (573, 1095), (595, 1149), (617, 1188), (693, 1323), (759, 1425), (952, 1647), (983, 1698), (1165, 1917), (1193, 1953), (1209, 1968), (1372, 2193), (1381, 2205), (1399, 2220), (1445, 2271),

Gene: RockieBear_10 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for RockieBear_10:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Rockne_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Rockne_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1244, 1982), (1250, 1994), (1265, 2021), (1297, 2054), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: Rockstar_11 Start: 6367, Stop: 8064, Start Num: 102
Candidate Starts for Rockstar_11:
(Start: 102 @6367 has 400 MA's), (168, 6439), (381, 6637), (424, 6700), (508, 6811), (513, 6823), (550, 6874), (581, 6931), (593, 6955), (620, 7021), (623, 7030), (675, 7111), (690, 7138), (774, 7276), (812, 7342), (825, 7363), (848, 7396), (923, 7462), (983, 7537), (999, 7561), (1001, 7564), (1006, 7570), (1015, 7579), (1080, 7627), (1113, 7666), (1129, 7687), (1193, 7783), (1241, 7837), (1374, 7990), (1405, 8020), (1435, 8050), (1438, 8053),

Gene: Rohr_12 Start: 7254, Stop: 8942, Start Num: 102
Candidate Starts for Rohr_12:
(Start: 102 @7254 has 400 MA's), (Start: 309 @7434 has 15 MA's), (381, 7518), (408, 7554), (424, 7581), (513, 7704), (535, 7737), (581, 7812), (620, 7902), (631, 7926), (647, 7953), (679, 8001), (774, 8157), (809, 8217), (1001, 8442), (1009, 8451), (1021, 8463), (1080, 8505), (1100, 8526), (1117, 8553), (1193, 8661), (1279, 8751), (1365, 8856),

Gene: Roimos_11 Start: 6465, Stop: 8162, Start Num: 102

Candidate Starts for Roimos_11:
(Start: 102 @6465 has 400 MA's), (168, 6537), (381, 6735), (508, 6909), (513, 6921), (538, 6960), (550, 6972), (581, 7029), (593, 7053), (620, 7119), (623, 7128), (675, 7209), (774, 7374), (812, 7440), (825, 7461), (848, 7494), (923, 7560), (983, 7635), (999, 7659), (1001, 7662), (1006, 7668), (1015, 7677), (1080, 7725), (1129, 7785), (1193, 7881), (1236, 7926), (1241, 7935), (1374, 8088), (1405, 8118), (1435, 8148), (1438, 8151),

Gene: Roksolana_15 Start: 7533, Stop: 9287, Start Num: 103
Candidate Starts for Roksolana_15:
(Start: 103 @7533 has 236 MA's), (241, 7665), (298, 7764), (314, 7788), (Start: 330 @7815 has 14 MA's), (362, 7851), (424, 7926), (513, 8049), (523, 8064), (538, 8088), (581, 8157), (593, 8181), (594, 8184), (620, 8247), (631, 8271), (718, 8400), (722, 8403), (780, 8514), (914, 8676), (983, 8763), (992, 8775), (999, 8787), (1064, 8835), (1080, 8850), (1113, 8889), (1129, 8910), (1182, 8994), (1193, 9006), (1405, 9243), (1433, 9270), (1435, 9273),

Gene: Rollins_2 Start: 653, Stop: 2215, Start Num: 225
Candidate Starts for Rollins_2:
(Start: 225 @653 has 84 MA's), (Start: 307 @761 has 198 MA's), (339, 809), (431, 917), (444, 923), (459, 932), (461, 938), (463, 941), (515, 1037), (569, 1100), (620, 1214), (650, 1274), (662, 1292), (822, 1520), (865, 1565), (973, 1703), (1290, 2030), (1453, 2204), (1457, 2207),

Gene: Romney_11 Start: 6883, Stop: 8580, Start Num: 102
Candidate Starts for Romney_11:
(Start: 102 @6883 has 400 MA's), (Start: 124 @6907 has 46 MA's), (Start: 251 @7030 has 3 MA's), (350, 7120), (381, 7153), (467, 7252), (512, 7336), (513, 7339), (538, 7378), (581, 7447), (593, 7471), (620, 7537), (675, 7627), (774, 7792), (825, 7879), (848, 7912), (923, 7978), (981, 8050), (983, 8053), (999, 8077), (1064, 8128), (1080, 8143), (1113, 8182), (1129, 8203), (1193, 8299), (1405, 8536), (1435, 8566), (1438, 8569),

Gene: RonRayGun_3 Start: 724, Stop: 2607, Start Num: 72
Candidate Starts for RonRayGun_3:
(9, 475), (Start: 72 @724 has 7 MA's), (Start: 137 @805 has 4 MA's), (144, 814), (Start: 232 @910 has 1 MA's), (241, 922), (362, 1054), (488, 1201), (490, 1207), (504, 1234), (513, 1252), (553, 1315), (625, 1450), (738, 1651), (790, 1708), (987, 1927), (1028, 1978), (1054, 2002), (1091, 2053), (1167, 2182), (1185, 2221), (1193, 2230), (1226, 2281), (1251, 2320), (1281, 2407), (1292, 2419), (1370, 2512), (1381, 2527), (1383, 2530),

Gene: Rona_3 Start: 944, Stop: 2563, Start Num: 225
Candidate Starts for Rona_3:
(4, 410), (Start: 220 @938 has 6 MA's), (Start: 225 @944 has 84 MA's), (339, 1100), (422, 1190), (431, 1208), (459, 1223), (490, 1292), (503, 1316), (518, 1334), (569, 1391), (594, 1442), (595, 1445), (620, 1505), (630, 1526), (643, 1553), (662, 1583), (921, 1922), (1015, 2045), (1296, 2360), (1328, 2399), (1447, 2516),

Gene: Ronaldo_37 Start: 10775, Stop: 12181, Start Num: 256
Candidate Starts for Ronaldo_37:
(Start: 207 @10718 has 6 MA's), (Start: 256 @10775 has 6 MA's), (359, 10901), (418, 10961), (422, 10970), (485, 11054), (511, 11108), (591, 11234), (595, 11240), (602, 11258), (637, 11324), (672, 11378), (692, 11411), (745, 11456), (809, 11549), (876, 11627), (953, 11672), (962, 11690), (1009, 11753), (1015, 11759), (1150, 11885), (1188, 11930), (1202, 11948), (1389, 12122),

Gene: Roney_13 Start: 7213, Stop: 8958, Start Num: 307
Candidate Starts for Roney_13:

(Start: 307 @7213 has 198 MA's), (310, 7219), (363, 7306), (367, 7312), (387, 7348), (417, 7402), (556, 7687), (570, 7705), (572, 7708), (599, 7777), (644, 7879), (666, 7915), (680, 7936), (693, 7960), (728, 8017), (750, 8065), (785, 8131), (805, 8164), (808, 8170), (823, 8200), (837, 8221), (892, 8293), (1053, 8488), (1111, 8554), (1120, 8575), (1123, 8578), (1160, 8638), (1244, 8749), (1274, 8785), (1290, 8806), (1299, 8818), (1336, 8866), (1370, 8908), (1372, 8911),

Gene: Ronnie_4 Start: 800, Stop: 2290, Start Num: 202
Candidate Starts for Ronnie_4:
(Start: 202 @800 has 39 MA's), (245, 845), (Start: 318 @947 has 1 MA's), (Start: 333 @965 has 4 MA's), (Start: 336 @974 has 12 MA's), (Start: 397 @1025 has 4 MA's), (399, 1028), (405, 1037), (419, 1067), (434, 1094), (506, 1193), (577, 1292), (585, 1316), (586, 1319), (588, 1322), (607, 1367), (789, 1601), (820, 1649), (827, 1661), (864, 1700), (886, 1718), (902, 1730), (904, 1733), (922, 1754), (937, 1760), (946, 1772), (987, 1850), (1047, 1904), (1112, 1958), (1121, 1970), (1156, 2015), (1206, 2063), (1299, 2147), (1349, 2204), (1406, 2273),

Gene: Roosevelt_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Roosevelt_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Root_4 Start: 1296, Stop: 2876, Start Num: 141
Candidate Starts for Root_4:
(Start: 141 @1296 has 2 MA's), (187, 1347), (196, 1356), (268, 1443), (Start: 318 @1515 has 1 MA's), (Start: 333 @1533 has 4 MA's), (Start: 397 @1593 has 4 MA's), (399, 1596), (405, 1605), (419, 1635), (488, 1737), (513, 1779), (586, 1893), (588, 1896), (607, 1941), (637, 1986), (641, 1995), (789, 2175), (797, 2187), (803, 2193), (820, 2229), (827, 2241), (922, 2337), (981, 2424), (1021, 2460), (1031, 2472), (1043, 2481), (1060, 2493), (1086, 2523), (1112, 2541), (1154, 2598), (1174, 2622), (1263, 2709), (1290, 2733), (1299, 2745), (1324, 2772),

Gene: RootBeer_2 Start: 477, Stop: 2246, Start Num: 299
Candidate Starts for RootBeer_2:
(289, 459), (Start: 299 @477 has 5 MA's), (373, 594), (416, 660), (423, 672), (432, 690), (466, 741), (516, 843), (590, 990), (626, 1068), (734, 1239), (782, 1320), (808, 1350), (857, 1422), (964, 1593), (1013, 1665), (1147, 1869), (1187, 1935), (1194, 1944), (1212, 1971), (1241, 2004), (1258, 2034), (1281, 2058), (1289, 2067), (1332, 2109), (1379, 2172), (1437, 2235),

Gene: Rooter_3 Start: 342, Stop: 1781, Start Num: 258
Candidate Starts for Rooter_3:
(Start: 258 @342 has 2 MA's), (Start: 322 @417 has 1 MA's), (Start: 397 @525 has 4 MA's), (402, 531), (411, 549), (424, 576), (425, 579), (478, 642), (487, 666), (531, 744), (568, 774), (595, 834), (607, 867), (611, 876), (618, 888), (640, 918), (641, 921), (675, 957), (680, 969), (785, 1077), (804, 1104), (873, 1203), (959, 1284), (981, 1320), (1005, 1350), (1010, 1356), (1077, 1395), (1085, 1407), (1099, 1422), (1107, 1431), (1111, 1437), (1195, 1527), (1290, 1623),

Gene: Rosa24_10 Start: 6859, Stop: 8556, Start Num: 102
Candidate Starts for Rosa24_10:
(Start: 102 @6859 has 400 MA's), (Start: 124 @6883 has 46 MA's), (Start: 251 @7006 has 3 MA's), (350, 7096), (381, 7129), (512, 7312), (513, 7315), (538, 7354), (581, 7423), (593, 7447), (620, 7513), (675, 7603), (774, 7768), (825, 7855), (848, 7888), (923, 7954), (981, 8026), (983, 8029), (999, 8053), (1064, 8104), (1080, 8119), (1113, 8158), (1129, 8179), (1193, 8275), (1405, 8512), (1435, 8542),

(1438, 8545),

Gene: RosaAsantewaa_7 Start: 2623, Stop: 4365, Start Num: 307
Candidate Starts for RosaAsantewaa_7:
(Start: 303 @2617 has 2 MA's), (Start: 307 @2623 has 198 MA's), (354, 2698), (363, 2716), (367, 2722), (429, 2836), (516, 3019), (532, 3049), (556, 3097), (572, 3118), (589, 3160), (641, 3280), (644, 3289), (745, 3469), (750, 3475), (805, 3574), (808, 3580), (892, 3703), (950, 3772), (1050, 3886), (1071, 3913), (1120, 3982), (1123, 3985), (1156, 4036), (1290, 4213), (1299, 4225), (1315, 4243), (1370, 4315), (1372, 4318),

Gene: Rosalind_14 Start: 6808, Stop: 8505, Start Num: 103
Candidate Starts for Rosalind_14:
(Start: 103 @6808 has 236 MA's), (120, 6826), (302, 6988), (424, 7144), (487, 7213), (513, 7267), (581, 7375), (594, 7402), (620, 7465), (631, 7489), (999, 8005), (1080, 8068), (1115, 8110), (1193, 8224), (1292, 8329), (1405, 8461), (1433, 8488), (1435, 8491), (1438, 8494),

Gene: RoscoWindex_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for RoscoWindex_3:
(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (806, 1881), (817, 1896), (842, 1932), (880, 1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298), (1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: Rose5_4 Start: 1052, Stop: 2635, Start Num: 138
Candidate Starts for Rose5_4:
(Start: 138 @1052 has 120 MA's), (Start: 142 @1058 has 6 MA's), (293, 1229), (361, 1316), (396, 1334), (402, 1340), (419, 1376), (513, 1514), (515, 1517), (566, 1592), (591, 1646), (593, 1649), (594, 1652), (710, 1820), (762, 1874), (766, 1883), (776, 1898), (791, 1919), (813, 1958), (827, 1979), (832, 1985), (855, 2012), (900, 2054), (942, 2078), (954, 2096), (959, 2105), (962, 2111), (977, 2144), (1009, 2177), (1050, 2216), (1057, 2222), (1060, 2225), (1116, 2270), (1172, 2336), (1213, 2387), (1226, 2402), (1234, 2411), (1263, 2426), (1266, 2429), (1373, 2531), (1394, 2558), (1448, 2609), (1450, 2612),

Gene: RoseMarie_14 Start: 4966, Stop: 6510, Start Num: 170
Candidate Starts for RoseMarie_14:
(Start: 170 @4966 has 103 MA's), (215, 5014), (487, 5353), (595, 5515), (606, 5545), (618, 5569), (776, 5755), (809, 5806), (863, 5878), (953, 5929), (959, 5941), (970, 5965), (1041, 6040), (1050, 6052), (1113, 6112), (1142, 6145), (1155, 6166), (1160, 6178), (1190, 6205), (1213, 6235), (1228, 6253), (1400, 6439), (1420, 6460),

Gene: Rosmarinus_8 Start: 1637, Stop: 3058, Start Num: 247
Candidate Starts for Rosmarinus_8:
(Start: 165 @1565 has 76 MA's), (Start: 230 @1625 has 31 MA's), (Start: 247 @1637 has 171 MA's), (Start: 336 @1748 has 12 MA's), (342, 1754), (391, 1832), (402, 1841), (425, 1889), (444, 1907), (487, 1976), (514, 2018), (517, 2024), (532, 2051), (533, 2054), (607, 2171), (611, 2180), (675, 2261), (792, 2375), (820, 2423), (827, 2435), (851, 2465), (870, 2489), (880, 2501), (959, 2579), (962, 2585), (1112, 2729), (1146, 2762), (1187, 2816), (1353, 2993), (1425, 3047),

Gene: Rossetti_4 Start: 1069, Stop: 2637, Start Num: 138
Candidate Starts for Rossetti_4:
(Start: 138 @1069 has 120 MA's), (Start: 142 @1075 has 6 MA's), (Start: 284 @1231 has 1 MA's), (396, 1351), (407, 1366), (512, 1528), (515, 1534), (556, 1594), (591, 1666), (594, 1672), (602, 1693), (675, 1792), (710, 1840), (762, 1894), (776, 1918), (807, 1963), (809, 1969), (827, 1999), (832, 2005),

(855, 2032), (863, 2041), (942, 2098), (946, 2104), (959, 2125), (962, 2131), (1020, 2206), (1023, 2209), (1060, 2245), (1116, 2290), (1172, 2356), (1213, 2407), (1234, 2431), (1266, 2449), (1278, 2458), (1420, 2605), (1448, 2629), (1450, 2632),

Gene: Rowa_2 Start: 530, Stop: 2230, Start Num: 330
Candidate Starts for Rowa_2:
(308, 494), (321, 518), (Start: 330 @530 has 14 MA's), (405, 638), (427, 683), (513, 842), (556, 926), (598, 1016), (615, 1055), (656, 1136), (732, 1241), (782, 1325), (807, 1352), (873, 1448), (926, 1526), (935, 1553), (953, 1580), (959, 1583), (994, 1640), (1000, 1649), (1008, 1661), (1082, 1763), (1145, 1868), (1147, 1874), (1158, 1898), (1165, 1916), (1194, 1955), (1212, 1982), (1246, 2015), (1332, 2114), (1374, 2171), (1379, 2177),

Gene: Rowdy_14 Start: 6755, Stop: 8446, Start Num: 102
Candidate Starts for Rowdy_14:
(Start: 102 @6755 has 400 MA's), (Start: 124 @6779 has 46 MA's), (Start: 251 @6902 has 3 MA's), (Start: 318 @6968 has 1 MA's), (362, 7022), (381, 7034), (412, 7079), (467, 7133), (485, 7160), (490, 7175), (513, 7220), (538, 7259), (575, 7307), (581, 7328), (593, 7352), (620, 7403), (693, 7526), (782, 7673), (816, 7733), (848, 7778), (923, 7844), (983, 7919), (999, 7943), (1080, 8009), (1129, 8069), (1193, 8165), (1241, 8219), (1405, 8402), (1435, 8432), (1438, 8435),

Gene: Royals2015_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Royals2015_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: Rozby_5 Start: 3064, Stop: 4629, Start Num: 165
Candidate Starts for Rozby_5:
(Start: 165 @3064 has 76 MA's), (Start: 333 @3274 has 4 MA's), (Start: 397 @3328 has 4 MA's), (431, 3394), (463, 3418), (584, 3634), (591, 3646), (593, 3649), (595, 3655), (620, 3715), (650, 3775), (770, 3874), (790, 3904), (803, 3919), (852, 4000), (936, 4078), (941, 4087), (961, 4123), (983, 4162), (1009, 4195), (1020, 4204), (1046, 4231), (1105, 4285), (1133, 4327), (1197, 4372), (1212, 4393), (1232, 4417), (1328, 4495), (1451, 4615),

Gene: Rubeelu_2 Start: 495, Stop: 2030, Start Num: 227
Candidate Starts for Rubeelu_2:
(Start: 227 @495 has 25 MA's), (Start: 230 @498 has 31 MA's), (Start: 249 @513 has 1 MA's), (292, 570), (Start: 307 @588 has 198 MA's), (316, 600), (390, 672), (418, 720), (422, 729), (474, 792), (507, 864), (539, 912), (593, 1011), (613, 1062), (659, 1134), (677, 1149), (687, 1167), (747, 1275), (766, 1299), (808, 1362), (878, 1446), (940, 1503), (950, 1518), (975, 1575), (987, 1593), (1012, 1620), (1080, 1689), (1136, 1746), (1152, 1755), (1187, 1776), (1213, 1809), (1260, 1845), (1278, 1860), (1349, 1941), (1353, 1947),

Gene: Rubeus_12 Start: 7080, Stop: 8768, Start Num: 110
Candidate Starts for Rubeus_12:
(Start: 110 @7080 has 24 MA's), (302, 7251), (Start: 309 @7260 has 15 MA's), (381, 7344), (Start: 403 @7371 has 1 MA's), (408, 7380), (513, 7530), (535, 7563), (581, 7638), (620, 7728), (631, 7752), (647,

7779), (679, 7827), (774, 7983), (809, 8043), (1001, 8268), (1009, 8277), (1021, 8289), (1080, 8331), (1100, 8352), (1117, 8379), (1193, 8487), (1279, 8577), (1365, 8682),

Gene: Ruby_2 Start: 573, Stop: 2210, Start Num: 155
Candidate Starts for Ruby_2:
(Start: 155 @573 has 202 MA's), (163, 582), (Start: 176 @597 has 3 MA's), (Start: 204 @618 has 1 MA's), (Start: 247 @654 has 171 MA's), (Start: 250 @657 has 144 MA's), (261, 675), (Start: 318 @720 has 1 MA's), (353, 759), (412, 846), (454, 906), (484, 930), (487, 939), (488, 942), (496, 963), (508, 984), (516, 999), (548, 1056), (575, 1095), (602, 1164), (604, 1170), (621, 1200), (622, 1203), (627, 1212), (635, 1227), (647, 1245), (680, 1296), (736, 1389), (740, 1398), (862, 1569), (874, 1581), (983, 1665), (1005, 1695), (1007, 1698), (1010, 1701), (1080, 1758), (1097, 1773), (1101, 1779), (1104, 1782), (1113, 1797), (1117, 1806), (1164, 1875), (1190, 1905), (1196, 1914), (1225, 1947), (1250, 1980), (1265, 2007), (1297, 2040), (1325, 2070), (1349, 2091), (1365, 2115), (1372, 2124), (1374, 2127), (1429, 2184),

Gene: Ruchi_3 Start: 1027, Stop: 2607, Start Num: 238
Candidate Starts for Ruchi_3:
(150, 937), (Start: 171 @961 has 16 MA's), (Start: 238 @1027 has 22 MA's), (Start: 309 @1123 has 15 MA's), (310, 1126), (314, 1132), (405, 1225), (424, 1264), (431, 1279), (463, 1303), (518, 1405), (620, 1576), (625, 1588), (650, 1636), (665, 1657), (700, 1717), (720, 1747), (731, 1756), (774, 1819), (867, 1936), (954, 2035), (961, 2047), (1003, 2113), (1020, 2128), (1048, 2158), (1096, 2197), (1102, 2206), (1110, 2215), (1133, 2251), (1176, 2305), (1364, 2515), (1397, 2557), (1449, 2596),

Gene: Rufus_12 Start: 7137, Stop: 8825, Start Num: 110
Candidate Starts for Rufus_12:
(Start: 110 @7137 has 24 MA's), (302, 7308), (Start: 309 @7317 has 15 MA's), (381, 7401), (Start: 403 @7428 has 1 MA's), (408, 7437), (513, 7587), (535, 7620), (581, 7695), (620, 7785), (631, 7809), (647, 7836), (679, 7884), (728, 7953), (767, 8028), (774, 8040), (809, 8100), (1009, 8334), (1021, 8346), (1080, 8388), (1100, 8409), (1117, 8436), (1193, 8544), (1279, 8634), (1365, 8739),

Gene: Ruin_11 Start: 6883, Stop: 8580, Start Num: 102
Candidate Starts for Ruin_11:
(Start: 102 @6883 has 400 MA's), (Start: 124 @6907 has 46 MA's), (Start: 251 @7030 has 3 MA's), (350, 7120), (381, 7153), (467, 7252), (512, 7336), (513, 7339), (538, 7378), (581, 7447), (593, 7471), (620, 7537), (675, 7627), (774, 7792), (825, 7879), (848, 7912), (923, 7978), (981, 8050), (983, 8053), (999, 8077), (1064, 8128), (1080, 8143), (1113, 8182), (1129, 8203), (1193, 8299), (1405, 8536), (1435, 8566), (1438, 8569),

Gene: Rummer_13 Start: 7041, Stop: 8741, Start Num: 105
Candidate Starts for Rummer_13:
(Start: 105 @7041 has 85 MA's), (Start: 145 @7089 has 1 MA's), (302, 7224), (467, 7416), (513, 7503), (620, 7701), (675, 7791), (718, 7854), (809, 8016), (983, 8214), (999, 8238), (1001, 8241), (1080, 8304), (1100, 8325), (1129, 8364), (1193, 8460), (1241, 8514), (1279, 8550), (1405, 8697), (1435, 8727), (1438, 8730),

Gene: Rumpelstiltskin_4 Start: 1069, Stop: 2637, Start Num: 138
Candidate Starts for Rumpelstiltskin_4:
(Start: 138 @1069 has 120 MA's), (Start: 142 @1075 has 6 MA's), (Start: 284 @1231 has 1 MA's), (426, 1408), (512, 1528), (515, 1534), (556, 1594), (591, 1666), (594, 1672), (602, 1693), (675, 1792), (677, 1795), (710, 1840), (762, 1894), (776, 1918), (807, 1963), (809, 1969), (827, 1999), (832, 2005), (855, 2032), (863, 2041), (942, 2098), (946, 2104), (959, 2125), (962, 2131), (1020, 2206), (1023, 2209), (1060, 2245), (1116, 2290), (1172, 2356), (1234, 2431), (1266, 2449), (1278, 2458), (1420, 2605), (1448, 2629), (1450, 2632),

Gene: Runhaar_17 Start: 10303, Stop: 12048, Start Num: 307
Candidate Starts for Runhaar_17:
(Start: 307 @10303 has 198 MA's), (310, 10309), (363, 10396), (367, 10402), (387, 10438), (417, 10492), (433, 10522), (502, 10669), (556, 10777), (570, 10795), (572, 10798), (599, 10867), (637, 10951), (644, 10969), (680, 11026), (750, 11155), (805, 11254), (808, 11260), (872, 11359), (892, 11383), (1050, 11569), (1053, 11578), (1111, 11644), (1120, 11665), (1123, 11668), (1288, 11893), (1290, 11896), (1299, 11908), (1370, 11998), (1372, 12001),

Gene: Ruotula_10 Start: 7196, Stop: 8884, Start Num: 102
Candidate Starts for Ruotula_10:
(Start: 102 @7196 has 400 MA's), (381, 7460), (402, 7484), (513, 7646), (535, 7679), (581, 7754), (620, 7844), (631, 7868), (647, 7895), (679, 7943), (728, 8012), (774, 8099), (809, 8159), (1009, 8393), (1021, 8405), (1080, 8447), (1100, 8468), (1117, 8495), (1193, 8603), (1279, 8693), (1365, 8798),

Gene: Ruriko_2 Start: 359, Stop: 1891, Start Num: 161
Candidate Starts for Ruriko_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Rusticus_7 Start: 2580, Stop: 4208, Start Num: 113
Candidate Starts for Rusticus_7:
(Start: 95 @2562 has 98 MA's), (Start: 113 @2580 has 11 MA's), (Start: 330 @2784 has 14 MA's), (407, 2865), (504, 3000), (515, 3021), (548, 3066), (575, 3108), (603, 3180), (620, 3204), (675, 3291), (680, 3303), (722, 3357), (803, 3456), (838, 3516), (992, 3678), (997, 3687), (1088, 3777), (1116, 3810), (1164, 3882), (1165, 3885), (1193, 3924), (1214, 3945), (1219, 3951), (1236, 3969), (1325, 4065), (1372, 4125),

Gene: RustyBoy_7 Start: 3427, Stop: 5175, Start Num: 307
Candidate Starts for RustyBoy_7:
(Start: 307 @3427 has 198 MA's), (367, 3526), (433, 3646), (516, 3823), (556, 3901), (572, 3922), (611, 4024), (644, 4093), (750, 4279), (777, 4324), (791, 4354), (805, 4378), (872, 4483), (892, 4507), (950, 4579), (1053, 4705), (1115, 4780), (1120, 4792), (1123, 4795), (1147, 4828), (1150, 4834), (1290, 5023), (1299, 5035), (1315, 5053), (1370, 5125), (1372, 5128),

Gene: Rutherferd_13 Start: 7598, Stop: 9286, Start Num: 110
Candidate Starts for Rutherferd_13:
(Start: 110 @7598 has 24 MA's), (Start: 309 @7778 has 15 MA's), (381, 7862), (Start: 403 @7889 has 1 MA's), (408, 7898), (513, 8048), (535, 8081), (581, 8156), (620, 8246), (631, 8270), (647, 8297), (679, 8345), (774, 8501), (809, 8561), (1001, 8786), (1009, 8795), (1021, 8807), (1080, 8849), (1100, 8870), (1117, 8897), (1193, 9005), (1279, 9095), (1365, 9200),

Gene: Ruthiejr_8 Start: 2201, Stop: 3646, Start Num: 247
Candidate Starts for Ruthiejr_8:
(Start: 247 @2201 has 171 MA's), (Start: 336 @2306 has 12 MA's), (391, 2390), (402, 2399), (425, 2447), (434, 2462), (463, 2489), (487, 2540), (493, 2558), (517, 2588), (532, 2615), (591, 2693), (607, 2735), (611, 2744), (613, 2747), (675, 2825), (679, 2834), (742, 2873), (792, 2939), (820, 2987), (851, 3029), (870, 3053), (962, 3146), (992, 3188), (1042, 3233), (1111, 3302), (1150, 3347), (1160, 3368), (1187, 3392), (1353, 3569), (1425, 3635), (1431, 3641),

Gene: Ruthy_2 Start: 434, Stop: 1993, Start Num: 201
Candidate Starts for Ruthy_2:
(61, 278), (77, 302), (Start: 96 @335 has 1 MA's), (Start: 121 @365 has 5 MA's), (Start: 201 @434 has 6 MA's), (263, 500), (314, 560), (Start: 318 @569 has 1 MA's), (349, 608), (480, 758), (487, 779), (488, 782), (515, 824), (565, 878), (611, 986), (672, 1070), (675, 1073), (723, 1136), (733, 1166), (743, 1184), (745, 1187), (900, 1376), (954, 1430), (959, 1439), (962, 1445), (1015, 1514), (1060, 1550), (1071, 1559), (1078, 1568), (1111, 1595), (1112, 1598), (1139, 1625), (1187, 1685), (1203, 1706), (1317, 1811), (1341, 1844), (1462, 1973),

Gene: Ryadel_33 Start: 13890, Stop: 15404, Start Num: 181
Candidate Starts for Ryadel_33:
(Start: 181 @13890 has 17 MA's), (Start: 184 @13893 has 14 MA's), (Start: 322 @14073 has 1 MA's), (381, 14166), (424, 14241), (451, 14274), (474, 14301), (487, 14331), (591, 14484), (594, 14490), (607, 14526), (611, 14535), (675, 14616), (679, 14625), (680, 14628), (744, 14667), (788, 14724), (809, 14760), (810, 14763), (957, 14919), (962, 14928), (1025, 14997), (1042, 15006), (1046, 15012), (1080, 15045), (1112, 15081), (1187, 15168), (1203, 15189), (1277, 15252), (1283, 15255), (1286, 15258), (1299, 15276), (1317, 15297), (1353, 15339), (1386, 15375), (1415, 15387),

Gene: Ryan_6 Start: 2079, Stop: 3779, Start Num: 209
Candidate Starts for Ryan_6:
(Start: 155 @2022 has 202 MA's), (Start: 190 @2058 has 1 MA's), (Start: 209 @2079 has 22 MA's), (Start: 295 @2202 has 6 MA's), (Start: 309 @2223 has 15 MA's), (339, 2271), (399, 2316), (402, 2319), (422, 2361), (431, 2379), (434, 2382), (474, 2424), (518, 2505), (520, 2508), (569, 2562), (620, 2676), (650, 2736), (665, 2757), (803, 2988), (852, 3054), (865, 3069), (973, 3240), (1020, 3297), (1061, 3339), (1100, 3372), (1126, 3411), (1177, 3453), (1290, 3552), (1305, 3570), (1307, 3573), (1313, 3579), (1364, 3642), (1400, 3687), (1464, 3768),

Gene: RyeScarlet_14 Start: 8166, Stop: 9932, Start Num: 121
Candidate Starts for RyeScarlet_14:
(Start: 103 @8145 has 236 MA's), (Start: 117 @8160 has 10 MA's), (Start: 121 @8166 has 5 MA's), (241, 8277), (298, 8376), (424, 8538), (487, 8610), (513, 8664), (538, 8703), (581, 8775), (620, 8865), (631, 8889), (704, 9006), (722, 9021), (778, 9129), (823, 9204), (848, 9240), (898, 9300), (992, 9420), (1006, 9441), (1064, 9480), (1113, 9534), (1115, 9537), (1129, 9555), (1163, 9609), (1182, 9639), (1193, 9651), (1279, 9741), (1295, 9759), (1405, 9888), (1433, 9915), (1435, 9918),

Gene: SFuller_9 Start: 5560, Stop: 7113, Start Num: 223
Candidate Starts for SFuller_9:
(Start: 218 @5554 has 8 MA's), (Start: 223 @5560 has 1 MA's), (Start: 403 @5794 has 1 MA's), (524, 5971), (542, 6007), (544, 6010), (599, 6121), (606, 6139), (613, 6154), (634, 6181), (808, 6433), (822, 6454), (868, 6505), (1023, 6697), (1191, 6880), (1278, 6943), (1290, 6958), (1314, 6982), (1382, 7060),

Gene: SG4_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for SG4_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320,

2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: SKKY_2 Start: 385, Stop: 1896, Start Num: 228
Candidate Starts for SKKY_2:
(Start: 228 @385 has 40 MA's), (Start: 262 @424 has 67 MA's), (274, 442), (314, 487), (Start: 333 @514 has 4 MA's), (334, 517), (Start: 393 @565 has 3 MA's), (Start: 400 @574 has 2 MA's), (405, 580), (419, 610), (424, 619), (426, 625), (465, 658), (474, 676), (485, 700), (487, 706), (506, 745), (512, 754), (513, 757), (533, 796), (535, 799), (572, 868), (591, 913), (593, 916), (602, 937), (607, 952), (611, 961), (618, 973), (641, 1012), (653, 1033), (664, 1048), (667, 1051), (669, 1054), (674, 1060), (681, 1075), (745, 1141), (763, 1162), (809, 1234), (855, 1300), (922, 1333), (1054, 1483), (1062, 1492), (1075, 1504), (1112, 1537), (1130, 1558), (1131, 1561), (1134, 1564), (1143, 1576), (1160, 1606), (1190, 1633), (1206, 1654), (1224, 1675), (1278, 1711), (1280, 1714), (1290, 1726), (1299, 1738), (1366, 1804), (1373, 1813), (1378, 1819), (1394, 1840), (1433, 1882), (1443, 1888),

Gene: SPB78_2 Start: 441, Stop: 2099, Start Num: 167
Candidate Starts for SPB78_2:
(Start: 167 @441 has 9 MA's), (Start: 232 @495 has 1 MA's), (241, 507), (302, 555), (312, 570), (Start: 318 @582 has 1 MA's), (362, 639), (Start: 403 @678 has 1 MA's), (469, 756), (485, 786), (505, 831), (513, 846), (523, 864), (625, 1041), (735, 1218), (780, 1293), (842, 1398), (866, 1431), (880, 1446), (954, 1497), (1001, 1584), (1015, 1599), (1068, 1641), (1080, 1656), (1088, 1668), (1117, 1704), (1165, 1776), (1192, 1812), (1209, 1830), (1241, 1869), (1269, 1884), (1285, 1911), (1442, 2079),

Gene: STLscum_12 Start: 7167, Stop: 8855, Start Num: 102
Candidate Starts for STLscum_12:
(Start: 102 @7167 has 400 MA's), (381, 7431), (402, 7455), (513, 7617), (535, 7650), (581, 7725), (620, 7815), (631, 7839), (647, 7866), (679, 7914), (774, 8070), (778, 8079), (809, 8130), (1009, 8364), (1021, 8376), (1080, 8418), (1100, 8439), (1117, 8466), (1193, 8574), (1279, 8664), (1365, 8769),

Gene: Saal_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for Saal_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 217 @629 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (454, 905), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (717, 1346), (736, 1388), (740, 1397), (862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1250, 1979), (1265, 2006), (1297, 2039), (1320, 2066), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: Sabbb_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Sabbb_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (717, 1361), (740, 1412), (862, 1583), (874, 1595), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1225, 1961), (1239, 1979), (1250, 1994), (1265, 2021), (1297, 2054), (1315, 2075), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: Sabertooth_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Sabertooth_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Sabia_13 Start: 6950, Stop: 8650, Start Num: 105
Candidate Starts for Sabia_13:
(Start: 105 @6950 has 85 MA's), (Start: 145 @6998 has 1 MA's), (302, 7133), (467, 7325), (513, 7412), (620, 7610), (675, 7700), (718, 7763), (809, 7925), (983, 8123), (999, 8147), (1001, 8150), (1080, 8213), (1100, 8234), (1129, 8273), (1193, 8369), (1241, 8423), (1279, 8459), (1405, 8606), (1435, 8636), (1438, 8639),

Gene: Sabinator_13 Start: 6955, Stop: 8655, Start Num: 105
Candidate Starts for Sabinator_13:
(Start: 105 @6955 has 85 MA's), (Start: 145 @7003 has 1 MA's), (302, 7138), (467, 7330), (513, 7417), (620, 7615), (675, 7705), (718, 7768), (809, 7930), (983, 8128), (999, 8152), (1001, 8155), (1080, 8218), (1100, 8239), (1129, 8278), (1193, 8374), (1241, 8428), (1279, 8464), (1405, 8611), (1435, 8641), (1438, 8644),

Gene: Sabourin_2 Start: 593, Stop: 2281, Start Num: 143
Candidate Starts for Sabourin_2:
(Start: 143 @593 has 16 MA's), (354, 794), (477, 938), (490, 962), (513, 1007), (573, 1094), (595, 1148), (617, 1187), (693, 1322), (759, 1424), (851, 1535), (952, 1646), (983, 1697), (1193, 1952), (1209, 1967), (1372, 2192), (1381, 2204), (1399, 2219),

Gene: Sachet_3 Start: 1074, Stop: 2534, Start Num: 250
Candidate Starts for Sachet_3:
(Start: 250 @1074 has 144 MA's), (Start: 254 @1080 has 2 MA's), (358, 1242), (363, 1251), (399, 1311), (444, 1380), (465, 1401), (488, 1452), (619, 1656), (806, 1869), (817, 1884), (842, 1920), (880, 1962), (911, 1995), (926, 2013), (1015, 2133), (1020, 2136), (1039, 2148), (1113, 2223), (1172, 2286), (1187, 2304), (1190, 2307), (1330, 2469), (1337, 2478), (1344, 2487), (1372, 2526),

Gene: Sachima_11 Start: 8124, Stop: 9896, Start Num: 117
Candidate Starts for Sachima_11:
(Start: 103 @8109 has 236 MA's), (Start: 117 @8124 has 10 MA's), (Start: 121 @8130 has 5 MA's), (241, 8241), (298, 8340), (424, 8502), (487, 8574), (513, 8628), (538, 8667), (581, 8739), (620, 8829), (631, 8853), (704, 8970), (722, 8985), (778, 9093), (823, 9168), (848, 9204), (898, 9264), (992, 9384), (1006, 9405), (1064, 9444), (1113, 9498), (1115, 9501), (1129, 9519), (1163, 9573), (1182, 9603), (1193, 9615), (1279, 9705), (1295, 9723), (1405, 9852), (1433, 9879), (1435, 9882),

Gene: Saftant_6 Start: 2534, Stop: 4177, Start Num: 98
Candidate Starts for Saftant_6:
(Start: 95 @2531 has 98 MA's), (Start: 98 @2534 has 2 MA's), (Start: 113 @2549 has 11 MA's), (168, 2606), (Start: 330 @2753 has 14 MA's), (362, 2789), (408, 2837), (490, 2942), (504, 2969), (509, 2978), (515, 2990), (594, 3125), (620, 3173), (680, 3272), (722, 3326), (751, 3386), (803, 3425), (838, 3485), (851, 3503), (926, 3566), (983, 3635), (997, 3656), (1064, 3719), (1088, 3746), (1113, 3773), (1129, 3794), (1165, 3854), (1193, 3893), (1219, 3920), (1236, 3938), (1387, 4115),

Gene: Sage7_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for Sage7_3:

(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (806, 1881), (817, 1896), (842, 1932), (880, 1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298), (1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: Sagefire_12 Start: 7849, Stop: 9537, Start Num: 102
Candidate Starts for Sagefire_12:
(Start: 102 @7849 has 400 MA's), (381, 8113), (402, 8137), (513, 8299), (535, 8332), (581, 8407), (620, 8497), (631, 8521), (647, 8548), (679, 8596), (774, 8752), (809, 8812), (1009, 9046), (1021, 9058), (1080, 9100), (1100, 9121), (1117, 9148), (1193, 9256), (1279, 9346), (1365, 9451),

Gene: Sahara_2 Start: 318, Stop: 1889, Start Num: 151
Candidate Starts for Sahara_2:
(Start: 151 @318 has 55 MA's), (259, 426), (Start: 318 @504 has 1 MA's), (342, 537), (421, 621), (425, 630), (465, 666), (491, 726), (566, 816), (568, 819), (607, 912), (620, 936), (648, 978), (723, 1071), (778, 1137), (789, 1149), (808, 1179), (919, 1293), (959, 1338), (962, 1344), (971, 1365), (1054, 1455), (1109, 1500), (1112, 1506), (1142, 1536), (1146, 1539), (1187, 1593), (1216, 1629), (1280, 1680), (1331, 1740), (1334, 1743), (1371, 1785), (1461, 1872),

Gene: Saintcarr_5 Start: 1939, Stop: 3639, Start Num: 209
Candidate Starts for Saintcarr_5:
(Start: 155 @1882 has 202 MA's), (Start: 190 @1918 has 1 MA's), (Start: 209 @1939 has 22 MA's), (Start: 295 @2062 has 6 MA's), (Start: 309 @2083 has 15 MA's), (339, 2131), (399, 2176), (402, 2179), (422, 2221), (431, 2239), (434, 2242), (444, 2245), (520, 2368), (569, 2422), (595, 2476), (620, 2536), (650, 2596), (665, 2617), (803, 2848), (852, 2914), (865, 2929), (973, 3100), (1009, 3148), (1020, 3157), (1061, 3199), (1100, 3232), (1126, 3271), (1177, 3313), (1283, 3403), (1305, 3430), (1307, 3433), (1313, 3439), (1364, 3502), (1433, 3580), (1464, 3628),

Gene: Saints25_9 Start: 2474, Stop: 4144, Start Num: 394
Candidate Starts for Saints25_9:
(Start: 394 @2474 has 48 MA's), (427, 2537), (551, 2771), (598, 2873), (693, 3053), (710, 3077), (724, 3095), (732, 3107), (768, 3170), (776, 3182), (808, 3227), (815, 3242), (873, 3320), (911, 3365), (934, 3419), (935, 3425), (1000, 3539), (1037, 3587), (1104, 3683), (1116, 3704), (1124, 3719), (1218, 3872), (1232, 3884), (1279, 3941), (1307, 3977), (1346, 4028), (1372, 4064), (1374, 4067), (1438, 4133),

Gene: Saintus_9 Start: 5681, Stop: 7435, Start Num: 67
Candidate Starts for Saintus_9:
(Start: 67 @5681 has 32 MA's), (92, 5723), (Start: 128 @5762 has 7 MA's), (241, 5870), (424, 6077), (567, 6278), (620, 6386), (693, 6515), (793, 6680), (812, 6713), (926, 6833), (983, 6908), (1100, 7019), (1113, 7037), (1129, 7058), (1163, 7112), (1193, 7154), (1372, 7358), (1405, 7391), (1438, 7424), (1443, 7430),

Gene: Salk_8 Start: 3618, Stop: 5366, Start Num: 307
Candidate Starts for Salk_8:
(Start: 295 @3600 has 6 MA's), (Start: 307 @3618 has 198 MA's), (363, 3711), (367, 3717), (401, 3774), (433, 3837), (516, 4014), (556, 4092), (572, 4113), (611, 4215), (644, 4284), (750, 4470), (791, 4545), (805, 4569), (872, 4674), (892, 4698), (956, 4782), (1053, 4896), (1071, 4914), (1120, 4983), (1123, 4986), (1156, 5037), (1190, 5079), (1249, 5166), (1274, 5193), (1290, 5214), (1299, 5226), (1315, 5244), (1372, 5319),

Gene: SallySpecial_2 Start: 441, Stop: 1871, Start Num: 252
Candidate Starts for SallySpecial_2:

(Start: 145 @354 has 1 MA's), (174, 387), (Start: 208 @420 has 5 MA's), (Start: 252 @441 has 5 MA's), (Start: 307 @519 has 198 MA's), (Start: 318 @537 has 1 MA's), (Start: 397 @609 has 4 MA's), (402, 615), (405, 621), (418, 648), (426, 666), (444, 681), (487, 747), (488, 750), (519, 801), (538, 837), (572, 882), (613, 978), (637, 1011), (707, 1092), (763, 1149), (917, 1335), (922, 1341), (962, 1386), (971, 1404), (1043, 1479), (1075, 1506), (1112, 1539), (1156, 1596), (1263, 1692), (1280, 1704), (1358, 1797), (1397, 1845),

Gene: Salvus_6 Start: 2100, Stop: 3764, Start Num: 170
Candidate Starts for Salvus_6:
(Start: 170 @2100 has 103 MA's), (222, 2139), (241, 2163), (362, 2292), (485, 2439), (490, 2454), (513, 2499), (543, 2547), (569, 2583), (594, 2640), (603, 2664), (625, 2700), (748, 2898), (760, 2913), (780, 2952), (932, 3138), (969, 3189), (983, 3219), (1165, 3432), (1188, 3462), (1214, 3489), (1226, 3501), (1269, 3537), (1270, 3540), (1346, 3633), (1387, 3690),

Gene: Salz_12 Start: 8021, Stop: 9784, Start Num: 103
Candidate Starts for Salz_12:
(Start: 103 @8021 has 236 MA's), (Start: 121 @8042 has 5 MA's), (Start: 217 @8129 has 1 MA's), (298, 8258), (314, 8282), (362, 8345), (487, 8489), (512, 8540), (513, 8543), (581, 8654), (593, 8678), (594, 8681), (620, 8744), (623, 8753), (631, 8768), (704, 8885), (722, 8900), (751, 8960), (803, 9044), (923, 9185), (992, 9272), (999, 9284), (1064, 9332), (1080, 9347), (1113, 9386), (1129, 9407), (1155, 9446), (1182, 9491), (1193, 9503), (1405, 9740), (1433, 9767),

Gene: SamScheppers_7 Start: 2180, Stop: 3520, Start Num: 336
Candidate Starts for SamScheppers_7:
(Start: 247 @2075 has 171 MA's), (Start: 336 @2180 has 12 MA's), (391, 2264), (402, 2273), (419, 2309), (425, 2321), (434, 2336), (463, 2363), (487, 2414), (493, 2432), (517, 2462), (532, 2489), (591, 2567), (611, 2618), (613, 2621), (675, 2699), (679, 2708), (742, 2747), (792, 2813), (820, 2861), (851, 2903), (962, 3020), (992, 3062), (1042, 3107), (1111, 3176), (1150, 3221), (1160, 3242), (1187, 3266), (1353, 3443), (1425, 3509), (1431, 3515),

Gene: SamW_2 Start: 374, Stop: 1957, Start Num: 220
Candidate Starts for SamW_2:
(Start: 218 @371 has 8 MA's), (Start: 220 @374 has 6 MA's), (Start: 225 @380 has 84 MA's), (350, 551), (Start: 397 @629 has 4 MA's), (Start: 403 @638 has 1 MA's), (513, 812), (587, 914), (591, 920), (595, 929), (598, 938), (623, 998), (648, 1046), (650, 1049), (748, 1112), (809, 1205), (867, 1271), (983, 1427), (998, 1445), (1049, 1490), (1080, 1532), (1114, 1568), (1122, 1583), (1142, 1610), (1146, 1613), (1154, 1628), (1183, 1661), (1197, 1676), (1235, 1724), (1277, 1754), (1291, 1772), (1350, 1847), (1411, 1922), (1448, 1946),

Gene: Samba_2 Start: 360, Stop: 1928, Start Num: 173
Candidate Starts for Samba_2:
(65, 255), (Start: 173 @360 has 36 MA's), (289, 477), (Start: 318 @519 has 1 MA's), (Start: 333 @537 has 4 MA's), (342, 552), (384, 573), (399, 594), (419, 633), (465, 693), (483, 729), (487, 741), (515, 786), (520, 795), (539, 822), (593, 900), (648, 1005), (661, 1020), (675, 1035), (745, 1113), (778, 1164), (919, 1320), (956, 1359), (973, 1398), (1002, 1431), (1015, 1443), (1071, 1488), (1074, 1491), (1078, 1497), (1107, 1518), (1112, 1527), (1113, 1530), (1146, 1560), (1157, 1584), (1174, 1599), (1263, 1689), (1278, 1701), (1317, 1743), (1326, 1758), (1346, 1779), (1358, 1794), (1459, 1902), (1463, 1911), (1464, 1917),

Gene: Samman98_3 Start: 820, Stop: 2379, Start Num: 151
Candidate Starts for Samman98_3:
(88, 760), (Start: 151 @820 has 55 MA's), (259, 928), (Start: 295 @973 has 6 MA's), (Start: 318 @1006 has 1 MA's), (342, 1039), (419, 1120), (421, 1123), (425, 1132), (465, 1168), (491, 1228), (566, 1318),

(568, 1321), (607, 1414), (620, 1438), (675, 1510), (723, 1573), (778, 1639), (808, 1681), (875, 1750), (880, 1756), (919, 1795), (946, 1816), (959, 1840), (962, 1846), (971, 1867), (1009, 1912), (1054, 1948), (1057, 1951), (1109, 1993), (1216, 2122), (1280, 2173), (1390, 2302), (1461, 2362),

Gene: Samora_2 Start: 588, Stop: 2150, Start Num: 397
Candidate Starts for Samora_2:
(Start: 397 @588 has 4 MA's), (526, 816), (530, 822), (551, 864), (589, 945), (590, 948), (598, 969), (599, 972), (609, 999), (643, 1053), (656, 1083), (671, 1098), (693, 1137), (699, 1149), (728, 1182), (803, 1287), (934, 1479), (978, 1542), (1008, 1590), (1021, 1602), (1035, 1617), (1070, 1668), (1075, 1674), (1081, 1683), (1104, 1722), (1164, 1827), (1165, 1830), (1219, 1899), (1300, 1998), (1305, 2004), (1319, 2016), (1325, 2028), (1332, 2031),

Gene: Samty_5 Start: 1186, Stop: 2751, Start Num: 138
Candidate Starts for Samty_5:
(Start: 138 @1186 has 120 MA's), (Start: 142 @1192 has 6 MA's), (293, 1363), (396, 1468), (405, 1480), (506, 1636), (512, 1645), (513, 1648), (515, 1651), (566, 1726), (591, 1780), (593, 1783), (594, 1786), (766, 2017), (813, 2092), (827, 2113), (832, 2119), (900, 2188), (942, 2212), (954, 2230), (962, 2245), (1060, 2359), (1113, 2398), (1116, 2404), (1172, 2470), (1263, 2560), (1278, 2572), (1329, 2611), (1400, 2698), (1448, 2743), (1450, 2746),

Gene: SamuelLPlaqson_8 Start: 1566, Stop: 2987, Start Num: 247
Candidate Starts for SamuelLPlaqson_8:
(Start: 165 @1494 has 76 MA's), (Start: 204 @1533 has 1 MA's), (Start: 230 @1554 has 31 MA's), (Start: 247 @1566 has 171 MA's), (Start: 336 @1677 has 12 MA's), (342, 1683), (391, 1761), (402, 1770), (425, 1818), (444, 1836), (487, 1905), (514, 1947), (517, 1953), (532, 1980), (533, 1983), (568, 2007), (607, 2100), (611, 2109), (675, 2190), (686, 2208), (792, 2304), (820, 2352), (827, 2364), (851, 2394), (870, 2418), (880, 2430), (959, 2508), (962, 2514), (1112, 2658), (1146, 2691), (1187, 2745), (1353, 2922), (1425, 2976),

Gene: Samy_5 Start: 1792, Stop: 3501, Start Num: 148
Candidate Starts for Samy_5:
(Start: 148 @1792 has 26 MA's), (163, 1807), (212, 1849), (Start: 238 @1864 has 22 MA's), (Start: 250 @1879 has 144 MA's), (Start: 299 @1912 has 5 MA's), (323, 1945), (355, 1981), (467, 2164), (488, 2200), (615, 2440), (654, 2515), (768, 2698), (775, 2707), (846, 2812), (1146, 3100), (1174, 3148), (1210, 3193), (1307, 3340), (1321, 3355), (1365, 3406), (1372, 3415),

Gene: SanaSana_4 Start: 960, Stop: 2585, Start Num: 225
Candidate Starts for SanaSana_4:
(Start: 225 @960 has 84 MA's), (339, 1116), (431, 1224), (459, 1239), (490, 1308), (520, 1353), (594, 1458), (595, 1461), (620, 1521), (628, 1539), (630, 1542), (643, 1569), (662, 1599), (774, 1761), (956, 1977), (1003, 2052), (1015, 2064), (1328, 2418), (1369, 2466),

Gene: Sandaddy_10 Start: 6972, Stop: 8660, Start Num: 102
Candidate Starts for Sandaddy_10:
(Start: 102 @6972 has 400 MA's), (Start: 309 @7152 has 15 MA's), (381, 7236), (408, 7272), (424, 7299), (513, 7422), (581, 7530), (620, 7620), (631, 7644), (647, 7671), (679, 7719), (774, 7875), (809, 7935), (1001, 8160), (1009, 8169), (1021, 8181), (1080, 8223), (1100, 8244), (1117, 8271), (1193, 8379), (1279, 8469), (1365, 8574),

Gene: Sandalphon_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Sandalphon_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318

@734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: Sandman_4 Start: 874, Stop: 2364, Start Num: 202
Candidate Starts for Sandman_4:
(Start: 202 @874 has 39 MA's), (245, 919), (Start: 318 @1021 has 1 MA's), (Start: 333 @1039 has 4 MA's), (Start: 336 @1048 has 12 MA's), (Start: 397 @1099 has 4 MA's), (399, 1102), (405, 1111), (419, 1141), (434, 1168), (506, 1267), (577, 1366), (585, 1390), (586, 1393), (588, 1396), (607, 1441), (789, 1675), (820, 1723), (827, 1735), (864, 1774), (886, 1792), (902, 1804), (904, 1807), (922, 1828), (937, 1834), (946, 1846), (987, 1924), (1047, 1978), (1112, 2032), (1121, 2044), (1156, 2089), (1206, 2137), (1299, 2221), (1349, 2278), (1406, 2347),

Gene: Sangak_7 Start: 2655, Stop: 4400, Start Num: 307
Candidate Starts for Sangak_7:
(Start: 307 @2655 has 198 MA's), (310, 2661), (342, 2709), (363, 2748), (367, 2754), (516, 3051), (556, 3129), (570, 3147), (572, 3150), (599, 3219), (611, 3252), (644, 3321), (699, 3414), (750, 3507), (808, 3612), (892, 3735), (950, 3807), (1071, 3948), (1120, 4017), (1123, 4020), (1223, 4158), (1274, 4227), (1290, 4248), (1293, 4251), (1299, 4260), (1315, 4278), (1336, 4308), (1370, 4350), (1372, 4353),

Gene: SansAfet_3 Start: 677, Stop: 2305, Start Num: 225
Candidate Starts for SansAfet_3:
(Start: 225 @677 has 84 MA's), (339, 833), (431, 941), (490, 1025), (503, 1049), (518, 1067), (569, 1124), (594, 1175), (595, 1178), (620, 1238), (628, 1256), (643, 1286), (662, 1316), (1003, 1772), (1020, 1787), (1328, 2138), (1369, 2186), (1464, 2294),

Gene: SantasSleigh_3 Start: 1110, Stop: 2570, Start Num: 250
Candidate Starts for SantasSleigh_3:
(Start: 250 @1110 has 144 MA's), (Start: 254 @1116 has 2 MA's), (358, 1278), (363, 1287), (399, 1347), (444, 1416), (465, 1437), (488, 1488), (619, 1692), (806, 1905), (817, 1920), (842, 1956), (880, 1998), (911, 2031), (926, 2049), (1015, 2169), (1020, 2172), (1039, 2184), (1113, 2259), (1172, 2322), (1187, 2340), (1190, 2343), (1330, 2505), (1337, 2514), (1344, 2523), (1372, 2562),

Gene: Santhid_2 Start: 511, Stop: 2100, Start Num: 206
Candidate Starts for Santhid_2:
(Start: 206 @511 has 13 MA's), (314, 646), (Start: 317 @652 has 15 MA's), (347, 694), (402, 733), (419, 769), (463, 817), (490, 877), (518, 919), (520, 922), (532, 946), (533, 949), (569, 976), (598, 1039), (630, 1111), (645, 1141), (648, 1147), (650, 1150), (852, 1417), (865, 1432), (867, 1435), (877, 1447), (938, 1507), (964, 1552), (973, 1570), (979, 1579), (997, 1609), (1105, 1702), (1117, 1723), (1124, 1732), (1170, 1792), (1190, 1816), (1219, 1852), (1369, 2017), (1385, 2035), (1449, 2089),

Gene: Sanya_10 Start: 7634, Stop: 9322, Start Num: 102
Candidate Starts for Sanya_10:
(Start: 102 @7634 has 400 MA's), (381, 7898), (402, 7922), (513, 8084), (535, 8117), (581, 8192), (620, 8282), (631, 8306), (647, 8333), (679, 8381), (728, 8450), (774, 8537), (778, 8546), (809, 8597), (1001, 8822), (1009, 8831), (1021, 8843), (1080, 8885), (1100, 8906), (1117, 8933), (1193, 9041), (1279, 9131), (1365, 9236),

Gene: Saphira_4 Start: 800, Stop: 2290, Start Num: 202
Candidate Starts for Saphira_4:
(Start: 202 @800 has 39 MA's), (245, 845), (Start: 318 @947 has 1 MA's), (Start: 336 @974 has 12 MA's), (Start: 397 @1025 has 4 MA's), (405, 1037), (419, 1067), (425, 1079), (434, 1094), (485, 1160), (513, 1205), (577, 1292), (585, 1316), (586, 1319), (588, 1322), (607, 1367), (620, 1391), (631, 1400), (677, 1466), (725, 1529), (745, 1541), (776, 1583), (789, 1601), (827, 1661), (886, 1718), (902, 1730), (922, 1754), (946, 1772), (987, 1850), (1047, 1904), (1112, 1958), (1121, 1970), (1127, 1979), (1201, 2054), (1206, 2063), (1228, 2090), (1299, 2147), (1346, 2201), (1406, 2273),

Gene: Sapo_1 Start: 60, Stop: 1748, Start Num: 71
Candidate Starts for Sapo_1:
(Start: 71 @60 has 4 MA's), (591, 750), (598, 768), (630, 840), (650, 879), (807, 1032), (873, 1107), (896, 1134), (979, 1245), (983, 1251), (987, 1257), (1020, 1293), (1105, 1383), (1149, 1437), (1177, 1470), (1383, 1680), (1385, 1683),

Gene: SarBear_3 Start: 676, Stop: 2304, Start Num: 225
Candidate Starts for SarBear_3:
(Start: 225 @676 has 84 MA's), (339, 832), (431, 940), (490, 1024), (503, 1048), (569, 1123), (594, 1174), (595, 1177), (620, 1237), (628, 1255), (643, 1285), (662, 1315), (1003, 1771), (1020, 1786), (1328, 2137), (1464, 2293),

Gene: SarFire_11 Start: 6833, Stop: 8521, Start Num: 102
Candidate Starts for SarFire_11:
(Start: 102 @6833 has 400 MA's), (Start: 309 @7013 has 15 MA's), (381, 7097), (408, 7133), (424, 7160), (513, 7283), (535, 7316), (581, 7391), (620, 7481), (631, 7505), (647, 7532), (679, 7580), (774, 7736), (778, 7745), (809, 7796), (1009, 8030), (1021, 8042), (1080, 8084), (1100, 8105), (1117, 8132), (1193, 8240), (1279, 8330), (1365, 8435),

Gene: Sara_3 Start: 1074, Stop: 2534, Start Num: 250
Candidate Starts for Sara_3:
(Start: 250 @1074 has 144 MA's), (Start: 254 @1080 has 2 MA's), (358, 1242), (363, 1251), (399, 1311), (444, 1380), (465, 1401), (488, 1452), (619, 1656), (806, 1869), (817, 1884), (842, 1920), (880, 1962), (911, 1995), (926, 2013), (1015, 2133), (1020, 2136), (1039, 2148), (1113, 2223), (1172, 2286), (1187, 2304), (1190, 2307), (1330, 2469), (1337, 2478), (1344, 2487), (1372, 2526),

Gene: SarahRose_6 Start: 2376, Stop: 4022, Start Num: 95
Candidate Starts for SarahRose_6:
(Start: 95 @2376 has 98 MA's), (Start: 113 @2394 has 11 MA's), (Start: 251 @2526 has 3 MA's), (Start: 330 @2598 has 14 MA's), (362, 2634), (504, 2814), (515, 2835), (548, 2880), (575, 2922), (603, 2994), (620, 3018), (680, 3117), (690, 3132), (704, 3156), (712, 3162), (838, 3330), (983, 3480), (997, 3501), (1064, 3564), (1088, 3591), (1165, 3699), (1193, 3738), (1214, 3759), (1219, 3765), (1236, 3783), (1325, 3879), (1372, 3939), (1445, 4017),

Gene: Sarge_2 Start: 371, Stop: 1759, Start Num: 297
Candidate Starts for Sarge_2:
(109, 170), (112, 173), (120, 185), (Start: 179 @257 has 1 MA's), (Start: 235 @311 has 7 MA's), (Start: 297 @371 has 6 MA's), (310, 392), (Start: 322 @413 has 1 MA's), (347, 446), (365, 482), (Start: 397 @527 has 4 MA's), (399, 530), (418, 566), (425, 581), (451, 611), (474, 638), (517, 716), (568, 770), (611, 872), (613, 875), (690, 980), (813, 1106), (820, 1115), (956, 1256), (959, 1262), (962, 1268), (1005, 1328), (1010, 1334), (1077, 1373), (1099, 1400), (1107, 1409), (1178, 1487), (1195, 1505), (1245, 1562), (1358, 1682), (1376, 1703), (1425, 1748),

Gene: Sarshaun_4 Start: 1069, Stop: 2637, Start Num: 138

Candidate Starts for Sarshaun_4:
(Start: 138 @1069 has 120 MA's), (Start: 142 @1075 has 6 MA's), (Start: 284 @1231 has 1 MA's), (512, 1528), (515, 1534), (556, 1594), (591, 1666), (594, 1672), (675, 1792), (710, 1840), (762, 1894), (776, 1918), (807, 1963), (809, 1969), (827, 1999), (832, 2005), (855, 2032), (863, 2041), (942, 2098), (946, 2104), (959, 2125), (962, 2131), (1020, 2206), (1023, 2209), (1060, 2245), (1116, 2290), (1172, 2356), (1234, 2431), (1266, 2449), (1278, 2458), (1420, 2605), (1448, 2629), (1450, 2632),

Gene: Saskia_11 Start: 8024, Stop: 9787, Start Num: 103
Candidate Starts for Saskia_11:
(18, 7775), (Start: 103 @8024 has 236 MA's), (Start: 121 @8045 has 5 MA's), (Start: 217 @8132 has 1 MA's), (298, 8261), (314, 8285), (362, 8348), (487, 8492), (512, 8543), (513, 8546), (581, 8657), (593, 8681), (594, 8684), (620, 8747), (623, 8756), (631, 8771), (704, 8888), (722, 8903), (751, 8963), (803, 9047), (923, 9188), (992, 9275), (999, 9287), (1064, 9335), (1080, 9350), (1113, 9389), (1129, 9410), (1155, 9449), (1182, 9494), (1193, 9506), (1405, 9743), (1433, 9770),

Gene: Sassafras_2 Start: 571, Stop: 2208, Start Num: 155
Candidate Starts for Sassafras_2:
(Start: 155 @571 has 202 MA's), (163, 580), (Start: 176 @595 has 3 MA's), (Start: 247 @652 has 171 MA's), (Start: 250 @655 has 144 MA's), (Start: 318 @718 has 1 MA's), (353, 757), (412, 844), (454, 904), (473, 916), (484, 928), (487, 937), (488, 940), (496, 961), (508, 982), (548, 1054), (575, 1093), (602, 1162), (604, 1168), (621, 1198), (622, 1201), (627, 1210), (635, 1225), (647, 1243), (680, 1294), (736, 1387), (740, 1396), (862, 1567), (874, 1579), (983, 1663), (1005, 1693), (1007, 1696), (1010, 1699), (1080, 1756), (1097, 1771), (1101, 1777), (1104, 1780), (1113, 1795), (1117, 1804), (1164, 1873), (1190, 1903), (1196, 1912), (1225, 1945), (1250, 1978), (1265, 2005), (1297, 2038), (1325, 2068), (1349, 2089), (1365, 2113), (1372, 2122), (1374, 2125), (1429, 2182),

Gene: SassyB_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for SassyB_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: SaturnRing_11 Start: 6496, Stop: 8193, Start Num: 102
Candidate Starts for SaturnRing_11:
(Start: 102 @6496 has 400 MA's), (Start: 124 @6520 has 46 MA's), (168, 6568), (381, 6766), (424, 6829), (508, 6940), (513, 6952), (538, 6991), (550, 7003), (581, 7060), (593, 7084), (620, 7150), (623, 7159), (675, 7240), (690, 7267), (774, 7405), (825, 7492), (848, 7525), (923, 7591), (983, 7666), (999, 7690), (1001, 7693), (1006, 7699), (1015, 7708), (1064, 7741), (1080, 7756), (1129, 7816), (1193, 7912), (1236, 7957), (1241, 7966), (1374, 8119), (1405, 8149), (1435, 8179), (1438, 8182),

Gene: Savage_2 Start: 318, Stop: 1889, Start Num: 151
Candidate Starts for Savage_2:
(Start: 151 @318 has 55 MA's), (259, 426), (Start: 297 @474 has 6 MA's), (Start: 318 @504 has 1 MA's), (342, 537), (421, 621), (425, 630), (465, 666), (491, 726), (566, 816), (607, 912), (620, 936), (648, 978), (689, 1032), (723, 1071), (778, 1137), (789, 1149), (808, 1179), (840, 1212), (919, 1293), (959, 1338), (962, 1344), (971, 1365), (1054, 1455), (1109, 1500), (1112, 1506), (1142, 1536), (1146, 1539), (1187, 1593), (1216, 1629), (1280, 1680), (1331, 1740), (1334, 1743), (1371, 1785), (1461,

1872),

Gene: Savage2526_5 Start: 3127, Stop: 4692, Start Num: 165
Candidate Starts for Savage2526_5:
(Start: 165 @3127 has 76 MA's), (Start: 333 @3337 has 4 MA's), (334, 3340), (Start: 397 @3391 has 4 MA's), (431, 3457), (463, 3481), (584, 3697), (593, 3712), (595, 3718), (620, 3778), (658, 3850), (770, 3937), (790, 3967), (803, 3982), (852, 4063), (936, 4141), (941, 4150), (961, 4186), (983, 4225), (1009, 4258), (1020, 4267), (1046, 4294), (1105, 4348), (1133, 4390), (1197, 4435), (1212, 4456), (1232, 4480), (1328, 4558), (1451, 4678),

Gene: Sbash_2 Start: 488, Stop: 2038, Start Num: 225
Candidate Starts for Sbash_2:
(Start: 225 @488 has 84 MA's), (292, 566), (Start: 307 @584 has 198 MA's), (399, 677), (431, 740), (474, 785), (488, 818), (544, 914), (566, 950), (583, 989), (593, 1004), (607, 1043), (613, 1055), (622, 1073), (637, 1088), (659, 1127), (690, 1166), (747, 1268), (766, 1292), (894, 1454), (940, 1496), (962, 1535), (1012, 1610), (1043, 1640), (1113, 1709), (1115, 1712), (1152, 1754), (1226, 1844), (1278, 1880), (1290, 1895), (1342, 1952), (1349, 1961), (1353, 1967), (1364, 1979), (1374, 1988), (1402, 2015),

Gene: Scamander_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for Scamander_3:
(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (806, 1881), (817, 1896), (842, 1932), (880, 1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298), (1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: Scamp_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Scamp_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Scap1_7 Start: 2655, Stop: 4397, Start Num: 307
Candidate Starts for Scap1_7:
(Start: 307 @2655 has 198 MA's), (310, 2661), (342, 2709), (367, 2754), (467, 2940), (502, 3021), (516, 3051), (556, 3129), (572, 3150), (599, 3219), (644, 3321), (666, 3357), (722, 3447), (750, 3507), (805, 3606), (808, 3612), (892, 3735), (950, 3804), (1071, 3945), (1116, 4005), (1120, 4014), (1123, 4017), (1156, 4068), (1223, 4155), (1274, 4224), (1288, 4242), (1290, 4245), (1299, 4257), (1315, 4275), (1363, 4338), (1370, 4347), (1372, 4350),

Gene: Scarlett_7 Start: 1481, Stop: 2905, Start Num: 247
Candidate Starts for Scarlett_7:
(Start: 247 @1481 has 171 MA's), (Start: 322 @1568 has 1 MA's), (Start: 336 @1592 has 12 MA's), (342, 1598), (391, 1676), (402, 1685), (405, 1691), (425, 1733), (444, 1751), (463, 1769), (487, 1820), (505, 1859), (532, 1895), (591, 1973), (607, 2015), (611, 2024), (675, 2105), (792, 2219), (816, 2261), (820, 2267), (827, 2279), (851, 2309), (870, 2333), (880, 2345), (893, 2360), (962, 2429), (993, 2471), (1111, 2570), (1142, 2603), (1146, 2606), (1172, 2642), (1187, 2660), (1425, 2894),

Gene: Schaffner_2 Start: 545, Stop: 2242, Start Num: 124
Candidate Starts for Schaffner_2:

(13, 242), (Start: 124 @545 has 46 MA's), (Start: 232 @632 has 1 MA's), (486, 917), (513, 974), (538, 1016), (595, 1112), (623, 1166), (693, 1286), (748, 1376), (798, 1415), (983, 1661), (1088, 1772), (1146, 1841), (1193, 1916), (1209, 1931), (1292, 2057), (1363, 2141), (1381, 2165),

Gene: Scherzo_13 Start: 8163, Stop: 9929, Start Num: 121
Candidate Starts for Scherzo_13:
(Start: 103 @8142 has 236 MA's), (Start: 117 @8157 has 10 MA's), (Start: 121 @8163 has 5 MA's), (241, 8274), (298, 8373), (424, 8535), (487, 8607), (513, 8661), (538, 8700), (581, 8772), (620, 8862), (631, 8886), (704, 9003), (722, 9018), (778, 9126), (823, 9201), (848, 9237), (898, 9297), (992, 9417), (1006, 9438), (1064, 9477), (1113, 9531), (1115, 9534), (1129, 9552), (1163, 9606), (1182, 9636), (1193, 9648), (1279, 9738), (1295, 9756), (1405, 9885), (1433, 9912), (1435, 9915),

Gene: Schiebel_2 Start: 359, Stop: 1891, Start Num: 161
Candidate Starts for Schiebel_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Schiebs_2 Start: 487, Stop: 1824, Start Num: 301
Candidate Starts for Schiebs_2:
(Start: 208 @397 has 5 MA's), (Start: 301 @487 has 2 MA's), (Start: 307 @496 has 198 MA's), (Start: 318 @514 has 1 MA's), (331, 529), (354, 553), (405, 598), (421, 631), (426, 643), (463, 676), (490, 730), (525, 772), (540, 802), (541, 805), (588, 886), (598, 910), (607, 931), (647, 994), (832, 1222), (897, 1282), (909, 1294), (920, 1306), (924, 1309), (946, 1324), (962, 1351), (963, 1354), (985, 1396), (1043, 1447), (1076, 1474), (1080, 1480), (1156, 1564), (1172, 1570), (1286, 1666), (1297, 1681), (1317, 1699), (1353, 1747), (1364, 1759),

Gene: Schism_6 Start: 1957, Stop: 3657, Start Num: 209
Candidate Starts for Schism_6:
(Start: 155 @1900 has 202 MA's), (Start: 190 @1936 has 1 MA's), (Start: 209 @1957 has 22 MA's), (Start: 295 @2080 has 6 MA's), (Start: 309 @2101 has 15 MA's), (339, 2149), (399, 2194), (422, 2239), (431, 2257), (434, 2260), (444, 2263), (569, 2440), (620, 2554), (650, 2614), (665, 2635), (703, 2701), (803, 2866), (852, 2932), (865, 2947), (973, 3118), (1009, 3166), (1020, 3175), (1061, 3217), (1100, 3250), (1126, 3289), (1177, 3331), (1212, 3373), (1283, 3421), (1305, 3448), (1307, 3451), (1313, 3457), (1328, 3478), (1364, 3520), (1464, 3646),

Gene: Schmidt_5 Start: 1915, Stop: 3552, Start Num: 146
Candidate Starts for Schmidt_5:
(Start: 133 @1897 has 3 MA's), (Start: 146 @1915 has 2 MA's), (Start: 233 @1987 has 12 MA's), (242, 1999), (Start: 309 @2089 has 15 MA's), (314, 2098), (399, 2182), (402, 2185), (Start: 403 @2188 has 1 MA's), (426, 2236), (463, 2269), (569, 2428), (593, 2476), (595, 2482), (631, 2566), (632, 2569), (634, 2572), (648, 2599), (650, 2602), (809, 2761), (838, 2809), (848, 2824), (861, 2839), (905, 2893), (945, 2941), (958, 2965), (981, 3007), (1006, 3040), (1015, 3049), (1046, 3079), (1077, 3109), (1100, 3127), (1105, 3133), (1126, 3166), (1150, 3199), (1221, 3304), (1265, 3331), (1274, 3337), (1336, 3412), (1395, 3475), (1446, 3523), (1459, 3544),

Gene: Schnabeltier_2 Start: 521, Stop: 2170, Start Num: 137
Candidate Starts for Schnabeltier_2:
(Start: 137 @521 has 4 MA's), (Start: 317 @719 has 15 MA's), (Start: 318 @722 has 1 MA's), (487, 932), (490, 941), (501, 962), (530, 1007), (620, 1190), (723, 1325), (778, 1391), (808, 1433), (912,

1547), (939, 1565), (943, 1568), (1055, 1712), (1063, 1721), (1172, 1832), (1187, 1850), (1263, 1922), (1297, 1958), (1349, 2012), (1398, 2072), (1451, 2123),

Gene: Schnauzer_2 Start: 501, Stop: 2036, Start Num: 227
Candidate Starts for Schnauzer_2:
(Start: 227 @501 has 25 MA's), (Start: 230 @504 has 31 MA's), (246, 516), (Start: 249 @519 has 1 MA's), (292, 576), (Start: 307 @594 has 198 MA's), (316, 606), (390, 678), (Start: 403 @696 has 1 MA's), (412, 714), (422, 735), (474, 798), (490, 837), (507, 870), (539, 918), (583, 1002), (593, 1017), (613, 1068), (618, 1077), (637, 1101), (659, 1140), (661, 1143), (677, 1155), (747, 1281), (766, 1305), (808, 1368), (878, 1452), (950, 1524), (962, 1548), (981, 1590), (987, 1599), (1043, 1656), (1080, 1695), (1136, 1752), (1146, 1758), (1152, 1761), (1187, 1782), (1226, 1830), (1278, 1866), (1349, 1947), (1353, 1953),

Gene: SchoolBus_30 Start: 13077, Stop: 14591, Start Num: 181
Candidate Starts for SchoolBus_30:
(Start: 181 @13077 has 17 MA's), (Start: 184 @13080 has 14 MA's), (Start: 322 @13260 has 1 MA's), (381, 13353), (424, 13428), (451, 13461), (474, 13488), (487, 13518), (591, 13671), (594, 13677), (607, 13713), (611, 13722), (675, 13803), (679, 13812), (680, 13815), (744, 13854), (788, 13911), (809, 13947), (810, 13950), (957, 14106), (962, 14115), (1025, 14184), (1042, 14193), (1046, 14199), (1080, 14232), (1112, 14268), (1187, 14355), (1203, 14376), (1277, 14439), (1283, 14442), (1286, 14445), (1299, 14463), (1317, 14484), (1353, 14526), (1386, 14562), (1415, 14574),

Gene: Schuy_32 Start: 13466, Stop: 14977, Start Num: 184
Candidate Starts for Schuy_32:
(Start: 181 @13463 has 17 MA's), (Start: 184 @13466 has 14 MA's), (Start: 322 @13646 has 1 MA's), (381, 13739), (424, 13814), (451, 13847), (474, 13874), (487, 13904), (591, 14057), (594, 14063), (607, 14099), (611, 14108), (675, 14189), (679, 14198), (680, 14201), (744, 14240), (788, 14297), (809, 14333), (810, 14336), (957, 14492), (962, 14501), (1025, 14570), (1042, 14579), (1046, 14585), (1080, 14618), (1112, 14654), (1187, 14741), (1203, 14762), (1277, 14825), (1283, 14828), (1286, 14831), (1299, 14849), (1317, 14870), (1353, 14912), (1386, 14948), (1415, 14960),

Gene: Schwartz33_17 Start: 10077, Stop: 11822, Start Num: 307
Candidate Starts for Schwartz33_17:
(Start: 307 @10077 has 198 MA's), (310, 10083), (367, 10176), (387, 10212), (417, 10266), (460, 10350), (556, 10551), (572, 10572), (599, 10641), (644, 10743), (680, 10800), (722, 10869), (750, 10929), (805, 11028), (808, 11034), (841, 11091), (892, 11157), (987, 11295), (1053, 11352), (1088, 11394), (1111, 11418), (1120, 11439), (1123, 11442), (1290, 11670), (1299, 11682), (1370, 11772), (1372, 11775),

Gene: ScienceWizSam_8 Start: 3549, Stop: 5288, Start Num: 307
Candidate Starts for ScienceWizSam_8:
(Start: 307 @3549 has 198 MA's), (367, 3648), (485, 3867), (502, 3909), (516, 3939), (532, 3969), (556, 4017), (572, 4038), (611, 4140), (644, 4209), (656, 4233), (750, 4395), (791, 4470), (805, 4494), (892, 4623), (956, 4704), (1053, 4818), (1071, 4836), (1076, 4842), (1120, 4905), (1123, 4908), (1252, 5097), (1273, 5112), (1276, 5118), (1290, 5136), (1299, 5148), (1370, 5238), (1372, 5241),

Gene: Scitech_2 Start: 504, Stop: 2036, Start Num: 230
Candidate Starts for Scitech_2:
(Start: 227 @501 has 25 MA's), (Start: 230 @504 has 31 MA's), (246, 516), (Start: 249 @519 has 1 MA's), (292, 576), (Start: 307 @594 has 198 MA's), (316, 606), (390, 678), (Start: 403 @696 has 1 MA's), (412, 714), (422, 735), (474, 798), (490, 837), (507, 870), (539, 918), (583, 1002), (593, 1017), (613, 1068), (618, 1077), (637, 1101), (659, 1140), (661, 1143), (677, 1155), (747, 1281), (766, 1305), (808, 1368), (878, 1452), (950, 1524), (962, 1548), (981, 1590), (987, 1599), (1043, 1656), (1080,

1695), (1136, 1752), (1146, 1758), (1152, 1761), (1187, 1782), (1226, 1830), (1278, 1866), (1349, 1947), (1353, 1953),

Gene: Scorpia_10 Start: 5985, Stop: 7736, Start Num: 67
Candidate Starts for Scorpia_10:
(Start: 54 @5958 has 19 MA's), (Start: 67 @5985 has 32 MA's), (Start: 108 @6045 has 1 MA's), (Start: 115 @6054 has 1 MA's), (147, 6093), (241, 6174), (362, 6306), (424, 6381), (425, 6384), (551, 6558), (620, 6690), (641, 6735), (690, 6813), (693, 6819), (793, 6984), (812, 7017), (825, 7038), (983, 7212), (999, 7236), (1113, 7338), (1129, 7359), (1163, 7413), (1182, 7443), (1193, 7455), (1241, 7509), (1402, 7689), (1405, 7692), (1438, 7725), (1443, 7731),

Gene: Scotia_4 Start: 2180, Stop: 3946, Start Num: 299
Candidate Starts for Scotia_4:
(Start: 299 @2180 has 5 MA's), (373, 2303), (374, 2306), (423, 2381), (436, 2408), (466, 2450), (499, 2519), (516, 2552), (523, 2564), (576, 2660), (641, 2807), (729, 2942), (734, 2948), (782, 3029), (807, 3056), (808, 3059), (1013, 3374), (1037, 3404), (1093, 3482), (1212, 3677), (1225, 3689), (1281, 3764), (1289, 3773), (1303, 3791), (1437, 3935),

Gene: Scottish_2 Start: 571, Stop: 2208, Start Num: 155
Candidate Starts for Scottish_2:
(Start: 155 @571 has 202 MA's), (163, 580), (Start: 176 @595 has 3 MA's), (Start: 247 @652 has 171 MA's), (Start: 250 @655 has 144 MA's), (Start: 318 @718 has 1 MA's), (353, 757), (412, 844), (454, 904), (473, 916), (484, 928), (487, 937), (488, 940), (496, 961), (508, 982), (548, 1054), (575, 1093), (602, 1162), (604, 1168), (621, 1198), (622, 1201), (627, 1210), (635, 1225), (647, 1243), (680, 1294), (736, 1387), (740, 1396), (862, 1567), (874, 1579), (983, 1663), (1005, 1693), (1007, 1696), (1010, 1699), (1080, 1756), (1097, 1771), (1101, 1777), (1104, 1780), (1113, 1795), (1117, 1804), (1164, 1873), (1190, 1903), (1196, 1912), (1225, 1945), (1250, 1978), (1265, 2005), (1297, 2038), (1325, 2068), (1349, 2089), (1365, 2113), (1372, 2122), (1374, 2125), (1429, 2182),

Gene: Scout_11 Start: 5791, Stop: 7488, Start Num: 102
Candidate Starts for Scout_11:
(Start: 102 @5791 has 400 MA's), (168, 5863), (381, 6061), (508, 6235), (513, 6247), (538, 6286), (550, 6298), (581, 6355), (593, 6379), (620, 6445), (623, 6454), (675, 6535), (774, 6700), (812, 6766), (825, 6787), (842, 6811), (848, 6820), (923, 6886), (983, 6961), (999, 6985), (1001, 6988), (1006, 6994), (1015, 7003), (1080, 7051), (1113, 7090), (1129, 7111), (1193, 7207), (1236, 7252), (1241, 7261), (1374, 7414), (1405, 7444), (1435, 7474), (1438, 7477),

Gene: Scowl_12 Start: 7525, Stop: 9213, Start Num: 102
Candidate Starts for Scowl_12:
(Start: 102 @7525 has 400 MA's), (381, 7789), (402, 7813), (513, 7975), (535, 8008), (581, 8083), (620, 8173), (631, 8197), (647, 8224), (679, 8272), (728, 8341), (774, 8428), (809, 8488), (1001, 8713), (1009, 8722), (1021, 8734), (1080, 8776), (1100, 8797), (1117, 8824), (1193, 8932), (1279, 9022), (1365, 9127),

Gene: Scrunchy_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for Scrunchy_3:
(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (806, 1881), (817, 1896), (842, 1932), (880, 1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298), (1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: Scuba_33 Start: 13019, Stop: 14698, Start Num: 152
Candidate Starts for Scuba_33:

(Start: 152 @13019 has 15 MA's), (Start: 157 @13025 has 1 MA's), (261, 13130), (Start: 317 @13172 has 15 MA's), (353, 13229), (Start: 403 @13298 has 1 MA's), (408, 13307), (452, 13379), (487, 13418), (516, 13478), (621, 13679), (647, 13724), (740, 13874), (748, 13886), (1007, 14180), (1034, 14213), (1104, 14294), (1196, 14417), (1203, 14429), (1258, 14492), (1320, 14561), (1365, 14603), (1387, 14633), (1432, 14675), (1445, 14690),

Gene: Scuttle_5 Start: 3343, Stop: 4698, Start Num: 333
Candidate Starts for Scuttle_5:
(Start: 165 @3133 has 76 MA's), (Start: 333 @3343 has 4 MA's), (Start: 397 @3397 has 4 MA's), (426, 3454), (431, 3463), (463, 3487), (584, 3703), (593, 3718), (595, 3724), (620, 3784), (650, 3844), (770, 3943), (790, 3973), (803, 3988), (852, 4069), (936, 4147), (941, 4156), (961, 4192), (983, 4231), (1009, 4264), (1020, 4273), (1046, 4300), (1105, 4354), (1133, 4396), (1197, 4441), (1212, 4462), (1232, 4486), (1328, 4564), (1451, 4684),

Gene: SeaLumen_2 Start: 652, Stop: 2208, Start Num: 247
Candidate Starts for SeaLumen_2:
(Start: 155 @571 has 202 MA's), (163, 580), (Start: 176 @595 has 3 MA's), (Start: 217 @628 has 1 MA's), (Start: 247 @652 has 171 MA's), (Start: 250 @655 has 144 MA's), (Start: 318 @718 has 1 MA's), (353, 757), (412, 844), (454, 904), (484, 928), (487, 937), (488, 940), (496, 961), (508, 982), (516, 997), (548, 1054), (575, 1093), (602, 1162), (604, 1168), (621, 1198), (622, 1201), (627, 1210), (635, 1225), (647, 1243), (680, 1294), (736, 1387), (740, 1396), (862, 1567), (874, 1579), (983, 1663), (1005, 1693), (1007, 1696), (1010, 1699), (1080, 1756), (1097, 1771), (1101, 1777), (1104, 1780), (1113, 1795), (1117, 1804), (1164, 1873), (1190, 1903), (1196, 1912), (1225, 1945), (1239, 1963), (1250, 1978), (1265, 2005), (1297, 2038), (1320, 2065), (1325, 2068), (1349, 2089), (1365, 2113), (1372, 2122), (1374, 2125), (1429, 2182),

Gene: SeaWolves_3 Start: 1074, Stop: 2534, Start Num: 250
Candidate Starts for SeaWolves_3:
(Start: 250 @1074 has 144 MA's), (Start: 254 @1080 has 2 MA's), (358, 1242), (363, 1251), (399, 1311), (444, 1380), (465, 1401), (488, 1452), (619, 1656), (806, 1869), (817, 1884), (842, 1920), (880, 1962), (911, 1995), (926, 2013), (1015, 2133), (1020, 2136), (1039, 2148), (1113, 2223), (1172, 2286), (1187, 2304), (1190, 2307), (1330, 2469), (1337, 2478), (1344, 2487), (1372, 2526),

Gene: Seabastian_2 Start: 605, Stop: 2218, Start Num: 176
Candidate Starts for Seabastian_2:
(Start: 146 @578 has 2 MA's), (Start: 155 @581 has 202 MA's), (Start: 176 @605 has 3 MA's), (Start: 217 @638 has 1 MA's), (Start: 247 @662 has 171 MA's), (Start: 250 @665 has 144 MA's), (Start: 318 @728 has 1 MA's), (353, 767), (412, 854), (414, 860), (454, 914), (484, 938), (487, 947), (488, 950), (496, 971), (508, 992), (548, 1064), (575, 1103), (602, 1172), (604, 1178), (621, 1208), (622, 1211), (627, 1220), (635, 1235), (647, 1253), (680, 1304), (736, 1397), (740, 1406), (862, 1577), (874, 1589), (983, 1673), (1005, 1703), (1007, 1706), (1010, 1709), (1080, 1766), (1097, 1781), (1101, 1787), (1104, 1790), (1113, 1805), (1117, 1814), (1164, 1883), (1190, 1913), (1196, 1922), (1225, 1955), (1250, 1988), (1265, 2015), (1297, 2048), (1315, 2069), (1320, 2075), (1325, 2078), (1349, 2099), (1365, 2123), (1372, 2132), (1374, 2135), (1429, 2192),

Gene: Seabiscuit_13 Start: 7054, Stop: 8742, Start Num: 102
Candidate Starts for Seabiscuit_13:
(Start: 102 @7054 has 400 MA's), (381, 7318), (402, 7342), (499, 7477), (513, 7504), (535, 7537), (581, 7612), (620, 7702), (631, 7726), (647, 7753), (679, 7801), (728, 7870), (774, 7957), (778, 7966), (809, 8017), (1009, 8251), (1021, 8263), (1080, 8305), (1100, 8326), (1117, 8353), (1193, 8461), (1279, 8551), (1365, 8656),

Gene: Seanderson_12 Start: 7498, Stop: 9186, Start Num: 102

Candidate Starts for Seanderson_12:
(Start: 102 @7498 has 400 MA's), (Start: 309 @7678 has 15 MA's), (381, 7762), (408, 7798), (424, 7825), (513, 7948), (581, 8056), (620, 8146), (631, 8170), (647, 8197), (679, 8245), (728, 8314), (767, 8389), (774, 8401), (809, 8461), (1001, 8686), (1009, 8695), (1021, 8707), (1080, 8749), (1100, 8770), (1117, 8797), (1193, 8905), (1279, 8995), (1365, 9100),

Gene: Sebastisaurus_2 Start: 597, Stop: 2150, Start Num: 397
Candidate Starts for Sebastisaurus_2:
(Start: 397 @597 has 4 MA's), (436, 669), (522, 816), (526, 825), (551, 873), (556, 885), (589, 954), (598, 978), (609, 1008), (614, 1017), (643, 1062), (656, 1092), (676, 1113), (693, 1146), (728, 1191), (735, 1203), (774, 1266), (803, 1296), (848, 1356), (980, 1551), (982, 1554), (1035, 1623), (1070, 1674), (1075, 1680), (1081, 1689), (1093, 1713), (1107, 1731), (1164, 1833), (1165, 1836), (1178, 1854), (1201, 1881), (1240, 1929), (1305, 2010), (1325, 2034), (1332, 2037), (1391, 2112), (1417, 2133),

Gene: Secretariat_13 Start: 7676, Stop: 9421, Start Num: 307
Candidate Starts for Secretariat_13:
(200, 7514), (Start: 307 @7676 has 198 MA's), (310, 7682), (367, 7775), (387, 7811), (417, 7865), (435, 7898), (485, 8000), (556, 8150), (572, 8171), (599, 8240), (644, 8342), (680, 8399), (722, 8468), (750, 8528), (805, 8627), (808, 8633), (841, 8690), (892, 8756), (1022, 8915), (1050, 8942), (1053, 8951), (1058, 8957), (1088, 8993), (1111, 9017), (1120, 9038), (1123, 9041), (1156, 9092), (1290, 9269), (1299, 9281), (1370, 9371), (1372, 9374),

Gene: Sekhmet_3 Start: 820, Stop: 2379, Start Num: 151
Candidate Starts for Sekhmet_3:
(88, 760), (Start: 151 @820 has 55 MA's), (259, 928), (Start: 318 @1006 has 1 MA's), (342, 1039), (419, 1120), (421, 1123), (425, 1132), (465, 1168), (491, 1228), (566, 1318), (568, 1321), (583, 1357), (607, 1414), (611, 1423), (620, 1438), (675, 1510), (680, 1522), (723, 1573), (778, 1639), (808, 1681), (875, 1750), (880, 1756), (919, 1795), (946, 1816), (962, 1846), (971, 1867), (1009, 1912), (1054, 1948), (1057, 1951), (1109, 1993), (1216, 2122), (1280, 2173), (1390, 2302), (1461, 2362),

Gene: SemperFi_14 Start: 7814, Stop: 9601, Start Num: 103
Candidate Starts for SemperFi_14:
(Start: 103 @7814 has 236 MA's), (Start: 217 @7922 has 1 MA's), (234, 7943), (298, 8051), (424, 8213), (512, 8333), (513, 8336), (581, 8444), (620, 8534), (631, 8558), (704, 8675), (722, 8690), (916, 8990), (1088, 9176), (1113, 9203), (1129, 9224), (1193, 9320), (1405, 9557), (1433, 9584), (1435, 9587),

Gene: SendItCS_7 Start: 3414, Stop: 5153, Start Num: 307
Candidate Starts for SendItCS_7:
(Start: 305 @3411 has 33 MA's), (Start: 307 @3414 has 198 MA's), (310, 3420), (342, 3468), (345, 3471), (363, 3507), (367, 3513), (440, 3651), (460, 3687), (467, 3699), (556, 3882), (572, 3903), (608, 3996), (611, 4005), (637, 4056), (644, 4074), (805, 4359), (892, 4488), (950, 4557), (1022, 4647), (1050, 4674), (1071, 4701), (1120, 4770), (1123, 4773), (1152, 4815), (1156, 4824), (1249, 4953), (1274, 4980), (1290, 5001), (1299, 5013), (1315, 5031), (1370, 5103), (1372, 5106), (1381, 5118),

Gene: SenorClean_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for SenorClean_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Sephiroth_13 Start: 5118, Stop: 6593, Start Num: 230
Candidate Starts for Sephiroth_13:
(Start: 230 @5118 has 31 MA's), (342, 5265), (396, 5304), (405, 5316), (485, 5439), (487, 5445), (537, 5526), (566, 5580), (568, 5583), (595, 5640), (611, 5682), (618, 5694), (637, 5718), (651, 5742), (690, 5784), (832, 5964), (876, 6006), (956, 6087), (977, 6132), (997, 6156), (1047, 6201), (1116, 6261), (1174, 6324), (1178, 6330), (1256, 6402), (1278, 6420), (1293, 6438), (1387, 6537), (1403, 6555), (1431, 6585),

Gene: Serenabean_12 Start: 7437, Stop: 9197, Start Num: 309
Candidate Starts for Serenabean_12:
(Start: 305 @7431 has 33 MA's), (Start: 309 @7437 has 15 MA's), (367, 7533), (489, 7773), (505, 7809), (516, 7833), (533, 7866), (556, 7911), (572, 7932), (608, 8025), (615, 8040), (637, 8085), (644, 8103), (666, 8139), (722, 8229), (750, 8289), (805, 8388), (847, 8460), (892, 8517), (950, 8601), (956, 8613), (1071, 8745), (1109, 8790), (1120, 8814), (1123, 8817), (1190, 8910), (1232, 8967), (1290, 9045), (1299, 9057), (1336, 9105), (1372, 9150),

Gene: Serenity_11 Start: 6379, Stop: 8160, Start Num: 103
Candidate Starts for Serenity_11:
(Start: 103 @6379 has 236 MA's), (Start: 251 @6523 has 3 MA's), (278, 6568), (298, 6610), (314, 6634), (362, 6697), (411, 6751), (512, 6892), (513, 6895), (538, 6934), (581, 7003), (620, 7093), (631, 7117), (718, 7246), (722, 7249), (892, 7522), (1113, 7762), (1129, 7783), (1182, 7867), (1193, 7879), (1405, 8116), (1433, 8143), (1435, 8146), (1438, 8149),

Gene: Sergei_2 Start: 428, Stop: 1993, Start Num: 165
Candidate Starts for Sergei_2:
(Start: 165 @428 has 76 MA's), (Start: 307 @599 has 198 MA's), (Start: 397 @692 has 4 MA's), (Start: 403 @701 has 1 MA's), (419, 734), (426, 749), (431, 758), (463, 782), (488, 836), (559, 947), (593, 1013), (595, 1019), (620, 1079), (650, 1139), (672, 1169), (790, 1268), (936, 1442), (941, 1451), (961, 1487), (964, 1493), (985, 1529), (1015, 1565), (1048, 1598), (1085, 1637), (1100, 1643), (1235, 1784), (1328, 1859), (1404, 1940), (1451, 1979),

Gene: SerialPhiller_2 Start: 412, Stop: 1926, Start Num: 179
Candidate Starts for SerialPhiller_2:
(Start: 136 @361 has 1 MA's), (Start: 179 @412 has 1 MA's), (Start: 191 @424 has 4 MA's), (213, 448), (239, 472), (Start: 318 @583 has 1 MA's), (Start: 336 @610 has 12 MA's), (405, 673), (419, 703), (424, 712), (434, 730), (513, 841), (540, 874), (586, 955), (607, 1003), (657, 1084), (776, 1219), (794, 1246), (827, 1297), (860, 1330), (1021, 1513), (1121, 1606), (1154, 1645), (1156, 1651), (1174, 1660), (1206, 1699), (1299, 1783), (1317, 1798), (1364, 1858), (1387, 1888),

Gene: Seume_4 Start: 596, Stop: 2086, Start Num: 202
Candidate Starts for Seume_4:
(Start: 202 @596 has 39 MA's), (245, 641), (Start: 318 @743 has 1 MA's), (Start: 333 @761 has 4 MA's), (Start: 336 @770 has 12 MA's), (Start: 397 @821 has 4 MA's), (399, 824), (405, 833), (419, 863), (434, 890), (506, 989), (577, 1088), (585, 1112), (586, 1115), (588, 1118), (607, 1163), (714, 1313), (789, 1397), (820, 1445), (827, 1457), (864, 1496), (886, 1514), (902, 1526), (904, 1529), (922, 1550), (937, 1556), (946, 1568), (987, 1646), (1047, 1700), (1112, 1754), (1121, 1766), (1206, 1859), (1299, 1943), (1349, 2000), (1406, 2069),

Gene: Severus_10 Start: 4781, Stop: 6472, Start Num: 102
Candidate Starts for Severus_10:
(Start: 102 @4781 has 400 MA's), (Start: 124 @4805 has 46 MA's), (Start: 251 @4928 has 3 MA's), (320, 4997), (362, 5048), (381, 5060), (411, 5102), (424, 5123), (490, 5201), (513, 5246), (538, 5285),

(575, 5333), (581, 5354), (593, 5378), (620, 5429), (693, 5552), (782, 5699), (816, 5759), (848, 5804), (981, 5942), (983, 5945), (1028, 5999), (1080, 6035), (1113, 6074), (1129, 6095), (1193, 6191), (1250, 6260), (1405, 6428), (1435, 6458), (1438, 6461),

Gene: SgtBeansprout_4 Start: 847, Stop: 2271, Start Num: 247
Candidate Starts for SgtBeansprout_4:
(Start: 230 @835 has 31 MA's), (Start: 247 @847 has 171 MA's), (310, 913), (Start: 336 @958 has 12 MA's), (363, 1003), (391, 1042), (402, 1051), (425, 1099), (444, 1117), (463, 1135), (487, 1186), (517, 1234), (532, 1261), (607, 1381), (611, 1390), (637, 1426), (638, 1429), (675, 1471), (686, 1489), (792, 1585), (816, 1627), (820, 1633), (827, 1645), (851, 1675), (856, 1681), (870, 1699), (893, 1726), (962, 1795), (1042, 1867), (1112, 1939), (1146, 1972), (1150, 1981), (1172, 2008), (1187, 2026), (1353, 2203), (1425, 2260), (1431, 2266),

Gene: ShaboiShabazz_2 Start: 458, Stop: 1891, Start Num: 273
Candidate Starts for ShaboiShabazz_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Shaboozey_6 Start: 2259, Stop: 3791, Start Num: 233
Candidate Starts for Shaboozey_6:
(159, 2175), (Start: 198 @2217 has 4 MA's), (Start: 205 @2226 has 1 MA's), (Start: 233 @2259 has 12 MA's), (331, 2373), (Start: 403 @2469 has 1 MA's), (405, 2472), (426, 2517), (484, 2592), (566, 2703), (568, 2706), (583, 2742), (599, 2775), (766, 3024), (808, 3087), (822, 3114), (862, 3159), (960, 3273), (975, 3309), (1005, 3339), (1015, 3348), (1082, 3402), (1112, 3426), (1349, 3660), (1358, 3672),

Gene: Shadow1_6 Start: 1423, Stop: 2850, Start Num: 247
Candidate Starts for Shadow1_6:
(156, 1339), (Start: 247 @1423 has 171 MA's), (Start: 322 @1513 has 1 MA's), (Start: 336 @1537 has 12 MA's), (391, 1621), (402, 1630), (425, 1678), (444, 1696), (487, 1765), (505, 1804), (532, 1840), (591, 1918), (607, 1960), (611, 1969), (675, 2050), (742, 2098), (792, 2164), (816, 2206), (820, 2212), (827, 2224), (834, 2230), (851, 2254), (870, 2278), (875, 2284), (893, 2305), (962, 2374), (993, 2416), (1107, 2509), (1111, 2515), (1112, 2518), (1146, 2551), (1160, 2581), (1187, 2605), (1235, 2653), (1353, 2782), (1425, 2839), (1431, 2845),

Gene: ShaggyRogers_17 Start: 10300, Stop: 12045, Start Num: 307
Candidate Starts for ShaggyRogers_17:
(Start: 307 @10300 has 198 MA's), (310, 10306), (363, 10393), (367, 10399), (387, 10435), (417, 10489), (450, 10552), (502, 10666), (525, 10711), (556, 10774), (572, 10795), (599, 10864), (644, 10966), (709, 11080), (722, 11092), (750, 11152), (805, 11251), (808, 11257), (841, 11314), (892, 11380), (1053, 11575), (1088, 11617), (1111, 11641), (1120, 11662), (1123, 11665), (1290, 11893), (1299, 11905), (1370, 11995), (1372, 11998),

Gene: Shagrat_8 Start: 5149, Stop: 6693, Start Num: 218
Candidate Starts for Shagrat_8:
(Start: 218 @5149 has 8 MA's), (489, 5524), (595, 5680), (599, 5692), (602, 5698), (613, 5725), (618, 5734), (641, 5776), (808, 6013), (871, 6088), (960, 6193), (975, 6229), (1032, 6286), (1080, 6334), (1113, 6364), (1190, 6466), (1278, 6532), (1322, 6583), (1391, 6652),

Gene: Shaka_11 Start: 6884, Stop: 8581, Start Num: 102

Candidate Starts for Shaka_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: ShakeItOph_2 Start: 550, Stop: 2277, Start Num: 95
Candidate Starts for ShakeItOph_2:
(60, 490), (Start: 95 @550 has 98 MA's), (Start: 232 @661 has 1 MA's), (471, 925), (477, 934), (504, 985), (513, 1003), (546, 1051), (595, 1144), (1001, 1720), (1146, 1873), (1193, 1948), (1209, 1963), (1292, 2092), (1381, 2200), (1442, 2263),

Gene: Sham4_12 Start: 8027, Stop: 9790, Start Num: 103
Candidate Starts for Sham4_12:
(Start: 103 @8027 has 236 MA's), (Start: 121 @8048 has 5 MA's), (Start: 217 @8135 has 1 MA's), (298, 8264), (314, 8288), (362, 8351), (487, 8495), (512, 8546), (513, 8549), (581, 8660), (593, 8684), (594, 8687), (620, 8750), (623, 8759), (631, 8774), (704, 8891), (722, 8906), (751, 8966), (803, 9050), (992, 9278), (999, 9290), (1064, 9338), (1080, 9353), (1113, 9392), (1129, 9413), (1155, 9452), (1182, 9497), (1193, 9509), (1405, 9746), (1433, 9773),

Gene: Shambre1_3 Start: 1934, Stop: 3703, Start Num: 299
Candidate Starts for Shambre1_3:
(212, 1796), (265, 1868), (Start: 299 @1934 has 5 MA's), (373, 2054), (374, 2057), (Start: 400 @2087 has 2 MA's), (406, 2096), (416, 2120), (438, 2162), (473, 2216), (499, 2270), (530, 2327), (590, 2450), (597, 2468), (611, 2504), (732, 2696), (768, 2759), (807, 2807), (839, 2855), (857, 2882), (964, 3053), (974, 3065), (1187, 3398), (1191, 3404), (1194, 3407), (1212, 3434), (1225, 3446), (1281, 3521), (1289, 3530), (1291, 3533), (1298, 3542),

Gene: Shaobing_8 Start: 1660, Stop: 3090, Start Num: 247
Candidate Starts for Shaobing_8:
(Start: 197 @1618 has 3 MA's), (Start: 230 @1648 has 31 MA's), (Start: 247 @1660 has 171 MA's), (Start: 322 @1750 has 1 MA's), (Start: 336 @1774 has 12 MA's), (342, 1780), (363, 1819), (391, 1858), (402, 1867), (405, 1873), (425, 1915), (444, 1933), (463, 1951), (487, 2002), (517, 2050), (607, 2197), (611, 2206), (742, 2335), (792, 2401), (816, 2443), (820, 2449), (827, 2461), (851, 2491), (870, 2515), (893, 2542), (962, 2611), (993, 2653), (1042, 2683), (1064, 2707), (1112, 2755), (1160, 2818), (1187, 2842), (1235, 2893), (1283, 2932), (1353, 3022), (1389, 3061), (1425, 3079), (1431, 3085),

Gene: Shapes_14 Start: 6755, Stop: 8446, Start Num: 102
Candidate Starts for Shapes_14:
(Start: 102 @6755 has 400 MA's), (Start: 124 @6779 has 46 MA's), (Start: 251 @6902 has 3 MA's), (Start: 318 @6968 has 1 MA's), (362, 7022), (381, 7034), (412, 7079), (467, 7133), (485, 7160), (490, 7175), (513, 7220), (538, 7259), (575, 7307), (581, 7328), (593, 7352), (620, 7403), (693, 7526), (782, 7673), (816, 7733), (848, 7778), (923, 7844), (983, 7919), (999, 7943), (1080, 8009), (1129, 8069), (1193, 8165), (1241, 8219), (1405, 8402), (1435, 8432), (1438, 8435),

Gene: Sharkboy_3 Start: 943, Stop: 2562, Start Num: 225
Candidate Starts for Sharkboy_3:
(4, 409), (Start: 220 @937 has 6 MA's), (Start: 225 @943 has 84 MA's), (339, 1099), (422, 1189), (431, 1207), (459, 1222), (490, 1291), (503, 1315), (518, 1333), (569, 1390), (594, 1441), (595, 1444), (620, 1504), (630, 1525), (643, 1552), (662, 1582), (921, 1921), (1015, 2044), (1296, 2359), (1328, 2398), (1447, 2515),

Gene: Shauna1_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Shauna1_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: Shawty_2 Start: 588, Stop: 2165, Start Num: 393
Candidate Starts for Shawty_2:
(Start: 393 @588 has 3 MA's), (496, 771), (498, 774), (526, 825), (530, 831), (551, 873), (556, 885), (589, 954), (598, 978), (599, 981), (609, 1008), (623, 1029), (643, 1062), (671, 1107), (693, 1146), (728, 1191), (732, 1197), (848, 1356), (926, 1467), (949, 1512), (980, 1557), (982, 1560), (1070, 1680), (1075, 1686), (1164, 1839), (1305, 2016), (1332, 2043), (1385, 2115), (1427, 2160),

Gene: ShayRa_15 Start: 6808, Stop: 8505, Start Num: 103
Candidate Starts for ShayRa_15:
(Start: 103 @6808 has 236 MA's), (120, 6826), (302, 6988), (487, 7213), (513, 7267), (581, 7375), (594, 7402), (620, 7465), (631, 7489), (999, 8005), (1080, 8068), (1115, 8110), (1193, 8224), (1292, 8329), (1405, 8461), (1433, 8488), (1435, 8491), (1438, 8494),

Gene: Shayna_2 Start: 648, Stop: 2282, Start Num: 225
Candidate Starts for Shayna_2:
(Start: 225 @648 has 84 MA's), (Start: 295 @738 has 6 MA's), (314, 765), (431, 912), (490, 996), (520, 1041), (561, 1086), (569, 1095), (620, 1209), (643, 1257), (662, 1287), (675, 1302), (731, 1383), (954, 1671), (1328, 2115), (1369, 2163), (1464, 2271),

Gene: SheRa_7 Start: 2653, Stop: 4398, Start Num: 307
Candidate Starts for SheRa_7:
(Start: 307 @2653 has 198 MA's), (310, 2659), (342, 2707), (363, 2746), (367, 2752), (516, 3049), (556, 3127), (570, 3145), (572, 3148), (599, 3217), (611, 3250), (644, 3319), (656, 3343), (699, 3412), (750, 3505), (808, 3610), (892, 3733), (950, 3805), (1071, 3946), (1120, 4015), (1123, 4018), (1223, 4156), (1274, 4225), (1290, 4246), (1293, 4249), (1299, 4258), (1315, 4276), (1336, 4306), (1370, 4348), (1372, 4351),

Gene: SheaKeira_12 Start: 6325, Stop: 8097, Start Num: 117
Candidate Starts for SheaKeira_12:
(Start: 103 @6310 has 236 MA's), (Start: 117 @6325 has 10 MA's), (Start: 121 @6331 has 5 MA's), (241, 6442), (298, 6541), (424, 6703), (487, 6775), (513, 6829), (538, 6868), (581, 6940), (610, 7012), (620, 7030), (631, 7054), (704, 7171), (722, 7186), (778, 7294), (823, 7369), (898, 7465), (928, 7501), (1006, 7606), (1064, 7645), (1088, 7672), (1113, 7699), (1115, 7702), (1129, 7720), (1163, 7774), (1182, 7804), (1193, 7816), (1279, 7906), (1295, 7924), (1405, 8053), (1433, 8080), (1435, 8083),

Gene: SheckWes_3 Start: 948, Stop: 2573, Start Num: 232
Candidate Starts for SheckWes_3:
(Start: 170 @897 has 103 MA's), (Start: 232 @948 has 1 MA's), (Start: 249 @969 has 1 MA's), (304, 1014), (477, 1221), (490, 1254), (509, 1290), (513, 1299), (515, 1302), (535, 1335), (543, 1350), (595, 1449), (603, 1470), (625, 1506), (636, 1527), (659, 1563), (701, 1629), (735, 1683), (842, 1863), (866, 1896), (954, 1962), (987, 2028), (992, 2034), (1146, 2199), (1163, 2232), (1219, 2301), (1292, 2379),

(1295, 2382), (1370, 2472), (1374, 2478), (1394, 2499), (1454, 2559), (1456, 2562),

Gene: ShedlockHolmes_7 Start: 1488, Stop: 2912, Start Num: 247
Candidate Starts for ShedlockHolmes_7:
(Start: 230 @1476 has 31 MA's), (Start: 247 @1488 has 171 MA's), (Start: 322 @1575 has 1 MA's), (Start: 336 @1599 has 12 MA's), (391, 1683), (402, 1692), (425, 1740), (444, 1758), (463, 1776), (487, 1827), (514, 1869), (517, 1875), (532, 1902), (591, 1980), (607, 2022), (611, 2031), (675, 2112), (686, 2130), (792, 2226), (820, 2274), (827, 2286), (851, 2316), (870, 2340), (880, 2352), (962, 2436), (992, 2478), (1111, 2577), (1112, 2580), (1150, 2622), (1157, 2637), (1160, 2643), (1184, 2664), (1187, 2667), (1353, 2844), (1431, 2907),

Gene: Sheen_13 Start: 8359, Stop: 10059, Start Num: 102
Candidate Starts for Sheen_13:
(Start: 102 @8359 has 400 MA's), (Start: 161 @8422 has 29 MA's), (320, 8566), (350, 8596), (381, 8629), (424, 8692), (513, 8815), (523, 8830), (581, 8923), (593, 8947), (620, 9013), (722, 9169), (774, 9268), (825, 9355), (848, 9388), (914, 9442), (926, 9457), (981, 9526), (983, 9529), (999, 9553), (1088, 9631), (1193, 9775), (1236, 9820), (1295, 9883), (1374, 9982), (1405, 10012), (1435, 10045),

Gene: SheldonCooper_11 Start: 6862, Stop: 8559, Start Num: 102
Candidate Starts for SheldonCooper_11:
(Start: 102 @6862 has 400 MA's), (Start: 124 @6886 has 46 MA's), (Start: 251 @7009 has 3 MA's), (350, 7099), (381, 7132), (512, 7315), (513, 7318), (538, 7357), (581, 7426), (593, 7450), (620, 7516), (675, 7606), (774, 7771), (825, 7858), (848, 7891), (923, 7957), (981, 8029), (983, 8032), (999, 8056), (1064, 8107), (1080, 8122), (1113, 8161), (1129, 8182), (1193, 8278), (1405, 8515), (1435, 8545), (1438, 8548),

Gene: Shen_4 Start: 958, Stop: 2538, Start Num: 238
Candidate Starts for Shen_4:
(Start: 171 @892 has 16 MA's), (Start: 238 @958 has 22 MA's), (Start: 309 @1054 has 15 MA's), (314, 1063), (Start: 318 @1072 has 1 MA's), (374, 1117), (Start: 397 @1144 has 4 MA's), (405, 1156), (424, 1195), (431, 1210), (463, 1234), (474, 1255), (598, 1456), (620, 1507), (650, 1567), (665, 1588), (700, 1648), (720, 1678), (731, 1687), (774, 1750), (961, 1978), (983, 2017), (1003, 2044), (1020, 2059), (1048, 2089), (1096, 2128), (1151, 2206), (1176, 2236), (1200, 2263), (1364, 2446), (1369, 2452), (1385, 2473), (1449, 2527),

Gene: Sheng711_4 Start: 771, Stop: 2333, Start Num: 138
Candidate Starts for Sheng711_4:
(Start: 138 @771 has 120 MA's), (Start: 142 @777 has 6 MA's), (Start: 284 @927 has 1 MA's), (Start: 333 @993 has 4 MA's), (357, 1023), (396, 1047), (407, 1062), (426, 1104), (515, 1230), (594, 1368), (602, 1389), (611, 1413), (675, 1488), (710, 1536), (776, 1614), (791, 1635), (807, 1659), (809, 1665), (827, 1695), (832, 1701), (863, 1737), (962, 1827), (1050, 1932), (1060, 1941), (1104, 1965), (1116, 1986), (1172, 2052), (1278, 2154), (1394, 2274), (1400, 2280), (1420, 2301), (1448, 2325),

Gene: Shepard_7 Start: 3531, Stop: 5270, Start Num: 307
Candidate Starts for Shepard_7:
(Start: 303 @3525 has 2 MA's), (Start: 307 @3531 has 198 MA's), (367, 3630), (433, 3750), (485, 3849), (516, 3921), (556, 3999), (572, 4020), (611, 4122), (644, 4191), (656, 4215), (663, 4224), (750, 4377), (791, 4452), (805, 4476), (872, 4581), (892, 4605), (956, 4686), (1053, 4800), (1071, 4818), (1076, 4824), (1111, 4866), (1120, 4887), (1123, 4890), (1249, 5070), (1273, 5094), (1290, 5118), (1299, 5130), (1315, 5148), (1370, 5220), (1372, 5223),

Gene: ShiLan_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for ShiLan_2:

(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 217 @629 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (454, 905), (473, 917), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (736, 1388), (740, 1397), (862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1149, 1844), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1250, 1979), (1265, 2006), (1297, 2039), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: ShiaSurprise_8 Start: 1637, Stop: 3058, Start Num: 247
Candidate Starts for ShiaSurprise_8:
(Start: 165 @1565 has 76 MA's), (Start: 230 @1625 has 31 MA's), (Start: 247 @1637 has 171 MA's), (Start: 336 @1748 has 12 MA's), (342, 1754), (391, 1832), (402, 1841), (425, 1889), (444, 1907), (487, 1976), (514, 2018), (517, 2024), (532, 2051), (533, 2054), (607, 2171), (611, 2180), (675, 2261), (792, 2375), (820, 2423), (827, 2435), (851, 2465), (870, 2489), (880, 2501), (959, 2579), (962, 2585), (1112, 2729), (1146, 2762), (1187, 2816), (1353, 2993), (1425, 3047),

Gene: Shiba_8 Start: 3618, Stop: 5366, Start Num: 307
Candidate Starts for Shiba_8:
(Start: 295 @3600 has 6 MA's), (Start: 307 @3618 has 198 MA's), (363, 3711), (367, 3717), (401, 3774), (433, 3837), (516, 4014), (556, 4092), (572, 4113), (611, 4215), (644, 4284), (651, 4299), (680, 4341), (750, 4470), (791, 4545), (805, 4569), (872, 4674), (892, 4698), (956, 4782), (1053, 4896), (1071, 4914), (1120, 4983), (1123, 4986), (1156, 5037), (1190, 5079), (1249, 5166), (1274, 5193), (1290, 5214), (1299, 5226), (1315, 5244), (1372, 5319),

Gene: Shida_31 Start: 13370, Stop: 14884, Start Num: 181
Candidate Starts for Shida_31:
(Start: 181 @13370 has 17 MA's), (Start: 184 @13373 has 14 MA's), (Start: 322 @13553 has 1 MA's), (381, 13646), (383, 13649), (424, 13721), (451, 13754), (474, 13781), (487, 13811), (591, 13964), (594, 13970), (607, 14006), (611, 14015), (675, 14096), (679, 14105), (680, 14108), (744, 14147), (788, 14204), (809, 14240), (810, 14243), (957, 14399), (962, 14408), (1025, 14477), (1042, 14486), (1046, 14492), (1080, 14525), (1112, 14561), (1187, 14648), (1203, 14669), (1277, 14732), (1283, 14735), (1286, 14738), (1299, 14756), (1317, 14777), (1353, 14819), (1386, 14855), (1415, 14867),

Gene: Shipwreck_2 Start: 401, Stop: 2077, Start Num: 138
Candidate Starts for Shipwreck_2:
(Start: 138 @401 has 120 MA's), (Start: 318 @617 has 1 MA's), (349, 656), (380, 713), (384, 719), (396, 737), (421, 782), (426, 794), (431, 803), (444, 809), (483, 866), (490, 887), (495, 899), (558, 989), (659, 1178), (745, 1274), (778, 1325), (919, 1478), (1107, 1676), (1112, 1685), (1139, 1712), (1172, 1754), (1187, 1772), (1278, 1856), (1290, 1871), (1463, 2060),

Gene: Shlim410_2 Start: 318, Stop: 1901, Start Num: 151
Candidate Starts for Shlim410_2:
(Start: 151 @318 has 55 MA's), (259, 426), (Start: 318 @504 has 1 MA's), (342, 537), (419, 618), (421, 621), (425, 630), (465, 666), (491, 726), (566, 816), (568, 819), (583, 855), (607, 912), (611, 921), (620, 936), (675, 1008), (680, 1020), (723, 1071), (778, 1137), (808, 1179), (919, 1293), (959, 1338), (962, 1344), (971, 1365), (1054, 1455), (1057, 1458), (1109, 1500), (1142, 1536), (1146, 1539), (1172, 1575), (1187, 1593), (1216, 1629), (1280, 1680), (1334, 1743), (1371, 1785), (1408, 1827),

Gene: ShortQueendom_11 Start: 6640, Stop: 8328, Start Num: 102
Candidate Starts for ShortQueendom_11:

(Start: 102 @6640 has 400 MA's), (Start: 309 @6820 has 15 MA's), (381, 6904), (408, 6940), (513, 7090), (581, 7198), (620, 7288), (631, 7312), (679, 7387), (728, 7456), (774, 7543), (809, 7603), (1009, 7837), (1021, 7849), (1080, 7891), (1100, 7912), (1117, 7939), (1193, 8047), (1279, 8137), (1365, 8242),

Gene: ShowerHandel_2 Start: 573, Stop: 2210, Start Num: 155
Candidate Starts for ShowerHandel_2:
(Start: 155 @573 has 202 MA's), (163, 582), (Start: 176 @597 has 3 MA's), (Start: 204 @618 has 1 MA's), (Start: 247 @654 has 171 MA's), (Start: 250 @657 has 144 MA's), (261, 675), (Start: 318 @720 has 1 MA's), (353, 759), (412, 846), (454, 906), (484, 930), (487, 939), (488, 942), (496, 963), (508, 984), (516, 999), (548, 1056), (575, 1095), (602, 1164), (604, 1170), (621, 1200), (622, 1203), (627, 1212), (635, 1227), (647, 1245), (680, 1296), (736, 1389), (740, 1398), (862, 1569), (874, 1581), (983, 1665), (1005, 1695), (1007, 1698), (1010, 1701), (1080, 1758), (1097, 1773), (1101, 1779), (1104, 1782), (1113, 1797), (1117, 1806), (1149, 1845), (1164, 1875), (1190, 1905), (1196, 1914), (1225, 1947), (1250, 1980), (1265, 2007), (1297, 2040), (1325, 2070), (1349, 2091), (1365, 2115), (1372, 2124), (1374, 2127), (1429, 2184),

Gene: Shoya_2 Start: 342, Stop: 1781, Start Num: 258
Candidate Starts for Shoya_2:
(Start: 258 @342 has 2 MA's), (Start: 322 @417 has 1 MA's), (Start: 397 @525 has 4 MA's), (402, 531), (411, 549), (424, 576), (425, 579), (478, 642), (487, 666), (531, 744), (568, 774), (595, 834), (607, 867), (611, 876), (618, 888), (640, 918), (641, 921), (675, 957), (680, 969), (785, 1077), (804, 1104), (873, 1203), (959, 1284), (981, 1320), (1005, 1350), (1010, 1356), (1077, 1395), (1085, 1407), (1099, 1422), (1107, 1431), (1111, 1437), (1195, 1527), (1290, 1623),

Gene: ShrimpFriedEgg_2 Start: 512, Stop: 2044, Start Num: 230
Candidate Starts for ShrimpFriedEgg_2:
(Start: 227 @509 has 25 MA's), (Start: 230 @512 has 31 MA's), (Start: 249 @527 has 1 MA's), (292, 584), (Start: 307 @602 has 198 MA's), (316, 614), (390, 686), (412, 722), (422, 743), (474, 806), (539, 926), (583, 1010), (613, 1076), (659, 1148), (661, 1151), (677, 1163), (747, 1289), (766, 1313), (808, 1376), (878, 1460), (940, 1517), (950, 1532), (987, 1607), (1003, 1625), (1152, 1769), (1187, 1790), (1213, 1823), (1226, 1838), (1278, 1874), (1346, 1952), (1349, 1955), (1353, 1961),

Gene: ShroomBoi_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for ShroomBoi_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: Shuman_8 Start: 3156, Stop: 4838, Start Num: 107
Candidate Starts for Shuman_8:
(Start: 107 @3156 has 35 MA's), (Start: 309 @3342 has 15 MA's), (362, 3414), (381, 3426), (402, 3450), (408, 3462), (513, 3615), (523, 3630), (567, 3690), (620, 3798), (647, 3855), (770, 4053), (780, 4071), (812, 4125), (956, 4269), (983, 4311), (1006, 4344), (1088, 4413), (1193, 4557), (1236, 4602), (1292, 4662), (1372, 4761), (1405, 4794), (1433, 4821), (1435, 4824), (1438, 4827),

Gene: Shweta_2 Start: 512, Stop: 2044, Start Num: 230

Candidate Starts for Shweta_2:
(Start: 227 @509 has 25 MA's), (Start: 230 @512 has 31 MA's), (Start: 249 @527 has 1 MA's), (292, 584), (Start: 307 @602 has 198 MA's), (316, 614), (331, 635), (Start: 333 @638 has 4 MA's), (390, 686), (422, 743), (474, 806), (539, 926), (583, 1010), (613, 1076), (659, 1148), (661, 1151), (677, 1163), (747, 1289), (766, 1313), (808, 1376), (878, 1460), (940, 1517), (950, 1532), (987, 1607), (1003, 1625), (1152, 1769), (1187, 1790), (1213, 1823), (1226, 1838), (1278, 1874), (1346, 1952), (1349, 1955), (1353, 1961),

Gene: Shygu2_11 Start: 6887, Stop: 8584, Start Num: 102
Candidate Starts for Shygu2_11:
(Start: 102 @6887 has 400 MA's), (Start: 124 @6911 has 46 MA's), (381, 7157), (512, 7340), (513, 7343), (538, 7382), (581, 7451), (593, 7475), (620, 7541), (675, 7631), (774, 7796), (825, 7883), (848, 7916), (953, 8009), (983, 8057), (999, 8081), (1080, 8147), (1113, 8186), (1129, 8207), (1193, 8303), (1402, 8537), (1405, 8540), (1435, 8570), (1438, 8573),

Gene: SiSi_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for SiSi_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 204 @617 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (261, 674), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (454, 905), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (516, 998), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (736, 1388), (740, 1397), (862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1250, 1979), (1265, 2006), (1297, 2039), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: Sibs6_13 Start: 7273, Stop: 8961, Start Num: 110
Candidate Starts for Sibs6_13:
(Start: 110 @7273 has 24 MA's), (302, 7444), (Start: 309 @7453 has 15 MA's), (381, 7537), (Start: 403 @7564 has 1 MA's), (408, 7573), (513, 7723), (535, 7756), (581, 7831), (620, 7921), (631, 7945), (647, 7972), (679, 8020), (774, 8176), (809, 8236), (1001, 8461), (1009, 8470), (1021, 8482), (1080, 8524), (1100, 8545), (1117, 8572), (1193, 8680), (1279, 8770), (1365, 8875),

Gene: Sidious_2 Start: 318, Stop: 1901, Start Num: 151
Candidate Starts for Sidious_2:
(Start: 151 @318 has 55 MA's), (259, 426), (Start: 318 @504 has 1 MA's), (342, 537), (421, 621), (425, 630), (465, 666), (491, 726), (543, 798), (568, 819), (607, 912), (620, 936), (648, 978), (723, 1071), (778, 1137), (808, 1179), (880, 1254), (919, 1293), (959, 1338), (962, 1344), (971, 1365), (1054, 1455), (1057, 1458), (1109, 1500), (1112, 1506), (1146, 1539), (1172, 1575), (1187, 1593), (1216, 1629), (1263, 1665), (1278, 1677), (1280, 1680), (1334, 1743), (1371, 1785), (1408, 1827), (1443, 1857),

Gene: Silvafighter_2 Start: 501, Stop: 2036, Start Num: 227
Candidate Starts for Silvafighter_2:
(Start: 227 @501 has 25 MA's), (Start: 230 @504 has 31 MA's), (246, 516), (Start: 249 @519 has 1 MA's), (292, 576), (Start: 307 @594 has 198 MA's), (316, 606), (390, 678), (Start: 403 @696 has 1 MA's), (412, 714), (422, 735), (474, 798), (490, 837), (507, 870), (539, 918), (583, 1002), (593, 1017), (613, 1068), (618, 1077), (637, 1101), (659, 1140), (661, 1143), (677, 1155), (747, 1281), (766, 1305), (808, 1368), (878, 1452), (950, 1524), (962, 1548), (981, 1590), (987, 1599), (1043, 1656), (1080, 1695), (1136, 1752), (1146, 1758), (1152, 1761), (1187, 1782), (1226, 1830), (1278, 1866), (1349, 1947), (1353, 1953),

Gene: Silverleaf_4 Start: 1052, Stop: 2635, Start Num: 138

Candidate Starts for Silverleaf_4:
(Start: 138 @1052 has 120 MA's), (Start: 142 @1058 has 6 MA's), (293, 1229), (361, 1316), (396, 1334), (402, 1340), (419, 1376), (513, 1514), (515, 1517), (566, 1592), (591, 1646), (593, 1649), (594, 1652), (710, 1820), (762, 1874), (766, 1883), (776, 1898), (791, 1919), (813, 1958), (827, 1979), (832, 1985), (855, 2012), (900, 2054), (942, 2078), (954, 2096), (959, 2105), (962, 2111), (977, 2144), (1009, 2177), (1050, 2216), (1057, 2222), (1060, 2225), (1116, 2270), (1172, 2336), (1213, 2387), (1226, 2402), (1234, 2411), (1263, 2426), (1266, 2429), (1373, 2531), (1394, 2558), (1448, 2609), (1450, 2612),

Gene: Silvy_2 Start: 504, Stop: 2036, Start Num: 230
Candidate Starts for Silvy_2:
(Start: 227 @501 has 25 MA's), (Start: 230 @504 has 31 MA's), (246, 516), (Start: 249 @519 has 1 MA's), (292, 576), (Start: 307 @594 has 198 MA's), (316, 606), (390, 678), (Start: 403 @696 has 1 MA's), (412, 714), (422, 735), (474, 798), (490, 837), (507, 870), (539, 918), (583, 1002), (593, 1017), (613, 1068), (618, 1077), (637, 1101), (659, 1140), (661, 1143), (677, 1155), (747, 1281), (766, 1305), (808, 1368), (878, 1452), (950, 1524), (962, 1548), (981, 1590), (987, 1599), (1043, 1656), (1080, 1695), (1136, 1752), (1146, 1758), (1152, 1761), (1187, 1782), (1226, 1830), (1278, 1866), (1349, 1947), (1353, 1953),

Gene: Simpliphy_9 Start: 2465, Stop: 4135, Start Num: 394
Candidate Starts for Simpliphy_9:
(Start: 394 @2465 has 48 MA's), (427, 2528), (551, 2762), (598, 2864), (693, 3044), (710, 3068), (724, 3086), (732, 3098), (768, 3161), (776, 3173), (808, 3218), (815, 3233), (873, 3311), (911, 3356), (934, 3410), (935, 3416), (1000, 3530), (1104, 3674), (1124, 3710), (1218, 3863), (1232, 3875), (1279, 3932), (1307, 3968), (1346, 4019), (1372, 4055), (1374, 4058), (1438, 4124),

Gene: Simpson_2 Start: 533, Stop: 2239, Start Num: 124
Candidate Starts for Simpson_2:
(Start: 124 @533 has 46 MA's), (486, 905), (513, 962), (546, 1010), (595, 1100), (623, 1154), (693, 1274), (748, 1364), (881, 1526), (983, 1649), (1193, 1904), (1209, 1919), (1250, 1973), (1292, 2054), (1363, 2138), (1381, 2162),

Gene: Sippinontea_3 Start: 1071, Stop: 2531, Start Num: 250
Candidate Starts for Sippinontea_3:
(Start: 250 @1071 has 144 MA's), (Start: 254 @1077 has 2 MA's), (358, 1239), (363, 1248), (399, 1308), (444, 1377), (465, 1398), (488, 1449), (619, 1653), (637, 1677), (755, 1788), (806, 1866), (817, 1881), (842, 1917), (880, 1959), (911, 1992), (926, 2010), (1015, 2130), (1020, 2133), (1039, 2145), (1113, 2220), (1172, 2283), (1187, 2301), (1190, 2304), (1330, 2466), (1337, 2475), (1372, 2523),

Gene: SirBeanington_3 Start: 677, Stop: 2305, Start Num: 225
Candidate Starts for SirBeanington_3:
(Start: 225 @677 has 84 MA's), (339, 833), (431, 941), (490, 1025), (503, 1049), (518, 1067), (569, 1124), (594, 1175), (595, 1178), (620, 1238), (628, 1256), (643, 1286), (662, 1316), (1003, 1772), (1020, 1787), (1328, 2138), (1369, 2186), (1464, 2294),

Gene: SirDuracell_8 Start: 1963, Stop: 3633, Start Num: 389
Candidate Starts for SirDuracell_8:
(Start: 389 @1963 has 11 MA's), (551, 2260), (598, 2362), (693, 2542), (710, 2566), (724, 2584), (732, 2596), (768, 2659), (776, 2671), (808, 2716), (815, 2731), (873, 2809), (911, 2854), (934, 2908), (935, 2914), (1000, 3028), (1037, 3076), (1104, 3172), (1124, 3208), (1218, 3361), (1232, 3373), (1279, 3430), (1307, 3466), (1346, 3517), (1372, 3553), (1374, 3556), (1438, 3622),

Gene: SirPhilip_7 Start: 1382, Stop: 2806, Start Num: 247

Candidate Starts for SirPhilip_7:
(156, 1298), (Start: 230 @1370 has 31 MA's), (Start: 247 @1382 has 171 MA's), (Start: 322 @1469 has 1 MA's), (Start: 336 @1493 has 12 MA's), (342, 1499), (391, 1577), (402, 1586), (425, 1634), (444, 1652), (463, 1670), (474, 1691), (487, 1721), (488, 1724), (607, 1916), (611, 1925), (675, 2006), (792, 2120), (816, 2162), (820, 2168), (827, 2180), (851, 2210), (870, 2234), (880, 2246), (893, 2261), (962, 2330), (993, 2372), (1111, 2471), (1112, 2474), (1142, 2504), (1146, 2507), (1172, 2543), (1187, 2561), (1353, 2738), (1425, 2795), (1431, 2801),

Gene: Sizemore_2 Start: 359, Stop: 1891, Start Num: 161
Candidate Starts for Sizemore_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Skelbel_2 Start: 534, Stop: 2240, Start Num: 124
Candidate Starts for Skelbel_2:
(Start: 124 @534 has 46 MA's), (Start: 232 @621 has 1 MA's), (486, 906), (513, 963), (525, 984), (546, 1011), (595, 1101), (623, 1155), (645, 1200), (693, 1275), (798, 1404), (851, 1488), (881, 1527), (983, 1650), (1146, 1830), (1163, 1863), (1193, 1905), (1209, 1920), (1292, 2055), (1325, 2091), (1372, 2151), (1381, 2163),

Gene: SketchMex_3 Start: 1110, Stop: 2789, Start Num: 170
Candidate Starts for SketchMex_3:
(Start: 170 @1110 has 103 MA's), (Start: 232 @1161 has 1 MA's), (Start: 249 @1182 has 1 MA's), (300, 1221), (362, 1308), (407, 1353), (415, 1374), (424, 1383), (485, 1455), (509, 1506), (513, 1515), (543, 1566), (595, 1665), (603, 1686), (623, 1719), (645, 1755), (735, 1899), (760, 1935), (780, 1974), (798, 2007), (825, 2055), (866, 2112), (921, 2145), (954, 2178), (987, 2244), (992, 2250), (1062, 2316), (1076, 2328), (1146, 2415), (1214, 2511), (1269, 2559), (1330, 2634), (1394, 2715), (1454, 2775), (1456, 2778),

Gene: SkiPole_13 Start: 7147, Stop: 8835, Start Num: 102
Candidate Starts for SkiPole_13:
(Start: 102 @7147 has 400 MA's), (381, 7411), (402, 7435), (513, 7597), (535, 7630), (581, 7705), (620, 7795), (631, 7819), (679, 7894), (774, 8050), (778, 8059), (808, 8107), (809, 8110), (1009, 8344), (1021, 8356), (1080, 8398), (1100, 8419), (1117, 8446), (1193, 8554), (1279, 8644), (1365, 8749),

Gene: Skinny_15 Start: 4718, Stop: 6262, Start Num: 170
Candidate Starts for Skinny_15:
(Start: 170 @4718 has 103 MA's), (215, 4766), (331, 4907), (398, 4967), (487, 5105), (606, 5297), (776, 5507), (809, 5558), (863, 5630), (959, 5693), (970, 5717), (977, 5732), (1041, 5792), (1050, 5804), (1113, 5864), (1142, 5897), (1160, 5930), (1190, 5957), (1228, 6005), (1400, 6191), (1420, 6212),

Gene: SkinnyPete_2 Start: 509, Stop: 2044, Start Num: 227
Candidate Starts for SkinnyPete_2:
(Start: 227 @509 has 25 MA's), (Start: 230 @512 has 31 MA's), (Start: 249 @527 has 1 MA's), (292, 584), (Start: 307 @602 has 198 MA's), (316, 614), (331, 635), (Start: 333 @638 has 4 MA's), (390, 686), (412, 722), (419, 737), (422, 743), (474, 806), (539, 926), (583, 1010), (613, 1076), (659, 1148), (661, 1151), (677, 1163), (747, 1289), (766, 1313), (808, 1376), (878, 1460), (940, 1517), (950, 1532), (987, 1607), (1003, 1625), (1152, 1769), (1187, 1790), (1213, 1823), (1226, 1838), (1278, 1874),

(1346, 1952), (1349, 1955), (1353, 1961),

Gene: Skipitt_11 Start: 7031, Stop: 8581, Start Num: 251
Candidate Starts for Skipitt_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Skitty_2 Start: 424, Stop: 1761, Start Num: 336
Candidate Starts for Skitty_2:
(Start: 247 @316 has 171 MA's), (Start: 336 @424 has 12 MA's), (342, 430), (362, 466), (365, 472), (487, 658), (490, 667), (588, 805), (595, 820), (607, 853), (611, 862), (613, 865), (636, 895), (637, 898), (640, 904), (641, 907), (675, 943), (820, 1102), (827, 1114), (903, 1210), (954, 1252), (959, 1261), (967, 1273), (1042, 1357), (1112, 1423), (1142, 1453), (1146, 1456), (1150, 1465), (1171, 1492), (1199, 1522), (1208, 1537), (1353, 1693),

Gene: Sknot_12 Start: 7484, Stop: 9271, Start Num: 103
Candidate Starts for Sknot_12:
(23, 7298), (50, 7400), (Start: 103 @7484 has 236 MA's), (Start: 217 @7592 has 1 MA's), (234, 7613), (298, 7721), (513, 8006), (581, 8114), (620, 8204), (631, 8228), (679, 8303), (704, 8345), (722, 8360), (981, 8744), (983, 8747), (1113, 8873), (1129, 8894), (1182, 8978), (1193, 8990), (1405, 9227), (1433, 9254), (1435, 9257), (1438, 9260), (1440, 9263),

Gene: Skyerus_2 Start: 335, Stop: 1786, Start Num: 244
Candidate Starts for Skyerus_2:
(199, 293), (Start: 225 @311 has 84 MA's), (244, 335), (Start: 301 @389 has 2 MA's), (310, 404), (320, 422), (Start: 322 @425 has 1 MA's), (Start: 324 @428 has 1 MA's), (331, 437), (Start: 336 @446 has 12 MA's), (347, 458), (356, 479), (381, 515), (424, 590), (430, 602), (444, 611), (463, 629), (487, 680), (490, 689), (505, 719), (518, 728), (591, 833), (607, 875), (611, 884), (613, 887), (637, 920), (640, 926), (641, 929), (748, 1022), (753, 1028), (820, 1127), (923, 1256), (954, 1277), (979, 1319), (1042, 1382), (1083, 1415), (1113, 1451), (1150, 1490), (1171, 1517), (1208, 1562), (1345, 1709),

Gene: Skylord_2 Start: 593, Stop: 2155, Start Num: 225
Candidate Starts for Skylord_2:
(Start: 225 @593 has 84 MA's), (Start: 307 @701 has 198 MA's), (339, 749), (431, 857), (444, 863), (459, 872), (461, 878), (463, 881), (515, 977), (569, 1040), (620, 1154), (650, 1214), (662, 1232), (822, 1460), (865, 1505), (973, 1643), (1290, 1970), (1453, 2144), (1457, 2147),

Gene: Skysand_26 Start: 13268, Stop: 14947, Start Num: 155
Candidate Starts for Skysand_26:
(Start: 155 @13268 has 202 MA's), (Start: 317 @13418 has 15 MA's), (353, 13475), (372, 13502), (379, 13514), (408, 13553), (424, 13586), (621, 13928), (635, 13955), (740, 14123), (748, 14135), (768, 14168), (824, 14246), (953, 14348), (1034, 14462), (1104, 14543), (1113, 14558), (1146, 14600), (1196, 14666), (1203, 14678), (1237, 14714), (1258, 14741), (1320, 14810), (1325, 14813), (1387, 14882),

Gene: Slagathor_12 Start: 6925, Stop: 8613, Start Num: 102
Candidate Starts for Slagathor_12:
(Start: 102 @6925 has 400 MA's), (381, 7189), (402, 7213), (513, 7375), (535, 7408), (581, 7483), (620, 7573), (631, 7597), (647, 7624), (679, 7672), (767, 7816), (774, 7828), (809, 7888), (1009, 8122), (1021, 8134), (1080, 8176), (1100, 8197), (1117, 8224), (1193, 8332), (1279, 8422), (1365, 8527),

Gene: Slarp_9 Start: 2478, Stop: 3920, Start Num: 247
Candidate Starts for Slarp_9:
(Start: 247 @2478 has 171 MA's), (Start: 336 @2583 has 12 MA's), (391, 2667), (402, 2676), (419, 2712), (425, 2724), (434, 2739), (463, 2766), (487, 2817), (493, 2835), (517, 2865), (532, 2892), (591, 2970), (611, 3021), (613, 3024), (675, 3102), (679, 3111), (742, 3150), (792, 3216), (820, 3264), (851, 3306), (962, 3423), (992, 3465), (1042, 3510), (1111, 3579), (1150, 3624), (1160, 3645), (1187, 3669), (1353, 3846), (1425, 3909), (1431, 3915),

Gene: Slay_3 Start: 1159, Stop: 2781, Start Num: 225
Candidate Starts for Slay_3:
(Start: 225 @1159 has 84 MA's), (339, 1315), (431, 1423), (459, 1438), (474, 1468), (485, 1492), (490, 1507), (513, 1540), (569, 1606), (594, 1657), (595, 1660), (620, 1720), (662, 1798), (1003, 2248), (1020, 2263), (1328, 2614), (1464, 2770),

Gene: Sleepyhead_2 Start: 439, Stop: 1917, Start Num: 204
Candidate Starts for Sleepyhead_2:
(Start: 204 @439 has 1 MA's), (431, 712), (497, 808), (593, 967), (595, 970), (684, 1126), (791, 1243), (832, 1309), (1015, 1486), (1028, 1498), (1079, 1537), (1107, 1555), (1113, 1567), (1150, 1609), (1188, 1654), (1394, 1864),

Gene: Slentz_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for Slentz_3:
(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (806, 1881), (817, 1896), (842, 1932), (880, 1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298), (1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: SlimJimmy_13 Start: 4718, Stop: 6262, Start Num: 170
Candidate Starts for SlimJimmy_13:
(Start: 170 @4718 has 103 MA's), (215, 4766), (331, 4907), (398, 4967), (487, 5105), (606, 5297), (776, 5507), (809, 5558), (863, 5630), (959, 5693), (970, 5717), (977, 5732), (1041, 5792), (1050, 5804), (1113, 5864), (1142, 5897), (1160, 5930), (1190, 5957), (1228, 6005), (1400, 6191), (1420, 6212),

Gene: Slimphazie_8 Start: 1587, Stop: 3008, Start Num: 247
Candidate Starts for Slimphazie_8:
(Start: 165 @1515 has 76 MA's), (Start: 230 @1575 has 31 MA's), (Start: 247 @1587 has 171 MA's), (Start: 336 @1698 has 12 MA's), (342, 1704), (391, 1782), (402, 1791), (425, 1839), (444, 1857), (487, 1926), (514, 1968), (517, 1974), (532, 2001), (533, 2004), (607, 2121), (611, 2130), (675, 2211), (792, 2325), (820, 2373), (827, 2385), (851, 2415), (870, 2439), (880, 2451), (893, 2466), (959, 2529), (962, 2535), (1112, 2679), (1146, 2712), (1187, 2766), (1353, 2943), (1425, 2997),

Gene: Slizam_3 Start: 1113, Stop: 2573, Start Num: 250
Candidate Starts for Slizam_3:
(Start: 250 @1113 has 144 MA's), (Start: 254 @1119 has 2 MA's), (358, 1281), (363, 1290), (399, 1350), (444, 1419), (465, 1440), (488, 1491), (619, 1695), (755, 1830), (806, 1908), (817, 1923), (829, 1941), (842, 1959), (880, 2001), (911, 2034), (926, 2052), (1015, 2172), (1020, 2175), (1039, 2187), (1047, 2199), (1060, 2211), (1113, 2262), (1160, 2319), (1172, 2325), (1178, 2334), (1187, 2343), (1190, 2346), (1330, 2508), (1337, 2517), (1344, 2526), (1372, 2565),

Gene: Sloopyjoe_8 Start: 3601, Stop: 5367, Start Num: 295
Candidate Starts for Sloopyjoe_8:

(Start: 295 @3601 has 6 MA's), (Start: 307 @3619 has 198 MA's), (363, 3712), (367, 3718), (401, 3775), (433, 3838), (516, 4015), (556, 4093), (572, 4114), (611, 4216), (644, 4285), (651, 4300), (680, 4342), (750, 4471), (791, 4546), (805, 4570), (872, 4675), (892, 4699), (956, 4783), (1053, 4897), (1071, 4915), (1120, 4984), (1123, 4987), (1156, 5038), (1190, 5080), (1249, 5167), (1274, 5194), (1290, 5215), (1299, 5227), (1315, 5245), (1372, 5320),

Gene: Smairt_12 Start: 7444, Stop: 9132, Start Num: 102
Candidate Starts for Smairt_12:
(Start: 102 @7444 has 400 MA's), (Start: 309 @7624 has 15 MA's), (381, 7708), (408, 7744), (424, 7771), (513, 7894), (581, 8002), (620, 8092), (631, 8116), (679, 8191), (774, 8347), (809, 8407), (1001, 8632), (1009, 8641), (1021, 8653), (1080, 8695), (1100, 8716), (1117, 8743), (1193, 8851), (1279, 8941), (1365, 9046),

Gene: Smeadley_9 Start: 5701, Stop: 7455, Start Num: 67
Candidate Starts for Smeadley_9:
(Start: 67 @5701 has 32 MA's), (92, 5743), (Start: 128 @5782 has 7 MA's), (241, 5890), (424, 6097), (567, 6298), (620, 6406), (693, 6535), (793, 6700), (812, 6733), (926, 6853), (983, 6928), (1100, 7039), (1113, 7057), (1129, 7078), (1163, 7132), (1193, 7174), (1250, 7243), (1292, 7279), (1372, 7378), (1405, 7411), (1438, 7444), (1443, 7450),

Gene: Smeagan_14 Start: 7883, Stop: 9670, Start Num: 103
Candidate Starts for Smeagan_14:
(Start: 103 @7883 has 236 MA's), (Start: 217 @7991 has 1 MA's), (234, 8012), (278, 8078), (280, 8084), (298, 8120), (362, 8207), (512, 8402), (513, 8405), (581, 8513), (620, 8603), (631, 8627), (679, 8702), (704, 8744), (722, 8759), (916, 9059), (1088, 9245), (1113, 9272), (1129, 9293), (1193, 9389), (1405, 9626), (1435, 9656),

Gene: Smeagol_12 Start: 7865, Stop: 9553, Start Num: 102
Candidate Starts for Smeagol_12:
(Start: 102 @7865 has 400 MA's), (Start: 309 @8045 has 15 MA's), (381, 8129), (408, 8165), (424, 8192), (513, 8315), (581, 8423), (620, 8513), (631, 8537), (647, 8564), (679, 8612), (774, 8768), (809, 8828), (1001, 9053), (1009, 9062), (1021, 9074), (1080, 9116), (1100, 9137), (1117, 9164), (1193, 9272), (1279, 9362), (1365, 9467),

Gene: SmellyB_15 Start: 7533, Stop: 9287, Start Num: 103
Candidate Starts for SmellyB_15:
(Start: 103 @7533 has 236 MA's), (298, 7764), (Start: 330 @7815 has 14 MA's), (362, 7851), (424, 7926), (513, 8049), (538, 8088), (581, 8157), (593, 8181), (594, 8184), (620, 8247), (631, 8271), (693, 8370), (696, 8373), (718, 8400), (722, 8403), (923, 8688), (992, 8775), (999, 8787), (1080, 8850), (1113, 8889), (1129, 8910), (1182, 8994), (1193, 9006), (1405, 9243), (1433, 9270), (1435, 9273),

Gene: Smooch_33 Start: 14621, Stop: 16135, Start Num: 181
Candidate Starts for Smooch_33:
(Start: 181 @14621 has 17 MA's), (Start: 184 @14624 has 14 MA's), (Start: 322 @14804 has 1 MA's), (381, 14897), (424, 14972), (451, 15005), (474, 15032), (487, 15062), (591, 15215), (594, 15221), (607, 15257), (611, 15266), (675, 15347), (679, 15356), (680, 15359), (744, 15398), (788, 15455), (809, 15491), (810, 15494), (957, 15650), (962, 15659), (1025, 15728), (1042, 15737), (1046, 15743), (1080, 15776), (1112, 15812), (1187, 15899), (1203, 15920), (1277, 15983), (1283, 15986), (1286, 15989), (1299, 16007), (1317, 16028), (1353, 16070), (1386, 16106), (1415, 16118),

Gene: Smoothie_31 Start: 8683, Stop: 10431, Start Num: 148
Candidate Starts for Smoothie_31:

(Start: 148 @8683 has 26 MA's), (Start: 176 @8713 has 3 MA's), (325, 8842), (457, 9028), (473, 9067), (488, 9091), (502, 9121), (512, 9139), (529, 9166), (543, 9196), (645, 9388), (654, 9406), (756, 9568), (787, 9616), (797, 9631), (963, 9814), (966, 9820), (1026, 9904), (1086, 9991), (1115, 10024), (1198, 10138), (1229, 10174), (1250, 10198), (1258, 10213), (1412, 10387), (1418, 10393),

Gene: Smurph_2 Start: 504, Stop: 2036, Start Num: 230
Candidate Starts for Smurph_2:
(Start: 227 @501 has 25 MA's), (Start: 230 @504 has 31 MA's), (246, 516), (Start: 249 @519 has 1 MA's), (292, 576), (Start: 307 @594 has 198 MA's), (316, 606), (390, 678), (Start: 403 @696 has 1 MA's), (412, 714), (422, 735), (474, 798), (490, 837), (507, 870), (539, 918), (583, 1002), (593, 1017), (613, 1068), (618, 1077), (637, 1101), (659, 1140), (661, 1143), (677, 1155), (747, 1281), (766, 1305), (808, 1368), (878, 1452), (950, 1524), (962, 1548), (981, 1590), (987, 1599), (1043, 1656), (1080, 1695), (1136, 1752), (1146, 1758), (1152, 1761), (1187, 1782), (1226, 1830), (1278, 1866), (1349, 1947), (1353, 1953),

Gene: SnapTap_12 Start: 7386, Stop: 9173, Start Num: 103
Candidate Starts for SnapTap_12:
(Start: 103 @7386 has 236 MA's), (Start: 217 @7494 has 1 MA's), (234, 7515), (298, 7623), (424, 7785), (512, 7905), (513, 7908), (581, 8016), (620, 8106), (631, 8130), (704, 8247), (722, 8262), (916, 8562), (1088, 8748), (1113, 8775), (1129, 8796), (1193, 8892), (1405, 9129), (1433, 9156), (1435, 9159),

Gene: Snape_12 Start: 8027, Stop: 9790, Start Num: 103
Candidate Starts for Snape_12:
(Start: 103 @8027 has 236 MA's), (Start: 121 @8048 has 5 MA's), (Start: 217 @8135 has 1 MA's), (298, 8264), (314, 8288), (362, 8351), (487, 8495), (512, 8546), (513, 8549), (581, 8660), (593, 8684), (594, 8687), (620, 8750), (623, 8759), (631, 8774), (704, 8891), (722, 8906), (751, 8966), (803, 9050), (923, 9191), (992, 9278), (999, 9290), (1064, 9338), (1080, 9353), (1113, 9392), (1129, 9413), (1155, 9452), (1182, 9497), (1193, 9509), (1405, 9746), (1433, 9773),

Gene: Snazzy_9 Start: 6454, Stop: 8142, Start Num: 102
Candidate Starts for Snazzy_9:
(Start: 102 @6454 has 400 MA's), (381, 6718), (402, 6742), (513, 6904), (535, 6937), (581, 7012), (620, 7102), (631, 7126), (679, 7201), (774, 7357), (778, 7366), (808, 7414), (809, 7417), (1001, 7642), (1009, 7651), (1021, 7663), (1080, 7705), (1100, 7726), (1117, 7753), (1193, 7861), (1279, 7951), (1365, 8056),

Gene: Sneeze_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for Sneeze_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Snek_3 Start: 1419, Stop: 3110, Start Num: 124
Candidate Starts for Snek_3:
(Start: 124 @1419 has 46 MA's), (158, 1449), (214, 1485), (Start: 318 @1596 has 1 MA's), (477, 1779), (486, 1791), (513, 1848), (571, 1932), (595, 1989), (953, 2478), (1165, 2745), (1193, 2781), (1209, 2796), (1292, 2925), (1308, 2946), (1381, 3033),

Gene: Snekmaggedon_2 Start: 512, Stop: 2044, Start Num: 230

Candidate Starts for Snekmaggedon_2:
(Start: 227 @509 has 25 MA's), (Start: 230 @512 has 31 MA's), (Start: 249 @527 has 1 MA's), (292, 584), (Start: 307 @602 has 198 MA's), (316, 614), (390, 686), (412, 722), (422, 743), (474, 806), (539, 926), (583, 1010), (613, 1076), (659, 1148), (661, 1151), (677, 1163), (747, 1289), (766, 1313), (808, 1376), (878, 1460), (940, 1517), (950, 1532), (987, 1607), (1003, 1625), (1152, 1769), (1187, 1790), (1213, 1823), (1226, 1838), (1278, 1874), (1346, 1952), (1349, 1955), (1353, 1961),

Gene: Snenia_5 Start: 1190, Stop: 2755, Start Num: 138
Candidate Starts for Snenia_5:
(97, 1139), (Start: 105 @1148 has 85 MA's), (Start: 138 @1190 has 120 MA's), (Start: 142 @1196 has 6 MA's), (293, 1367), (Start: 317 @1397 has 15 MA's), (396, 1472), (402, 1478), (405, 1484), (506, 1640), (512, 1649), (513, 1652), (515, 1655), (566, 1730), (591, 1784), (593, 1787), (594, 1790), (766, 2021), (813, 2096), (827, 2117), (832, 2123), (900, 2192), (942, 2216), (954, 2234), (962, 2249), (1060, 2363), (1113, 2402), (1116, 2408), (1172, 2474), (1216, 2528), (1263, 2564), (1278, 2576), (1329, 2615), (1400, 2702), (1448, 2747), (1450, 2750),

Gene: Snickers_13 Start: 6931, Stop: 8631, Start Num: 105
Candidate Starts for Snickers_13:
(Start: 105 @6931 has 85 MA's), (Start: 145 @6979 has 1 MA's), (302, 7114), (467, 7306), (513, 7393), (620, 7591), (675, 7681), (718, 7744), (809, 7906), (983, 8104), (999, 8128), (1001, 8131), (1080, 8194), (1100, 8215), (1129, 8254), (1193, 8350), (1241, 8404), (1279, 8440), (1405, 8587), (1435, 8617), (1438, 8620),

Gene: Snorlax_6 Start: 2376, Stop: 4022, Start Num: 95
Candidate Starts for Snorlax_6:
(Start: 95 @2376 has 98 MA's), (Start: 113 @2394 has 11 MA's), (Start: 251 @2526 has 3 MA's), (Start: 330 @2598 has 14 MA's), (362, 2634), (504, 2814), (515, 2835), (548, 2880), (575, 2922), (603, 2994), (620, 3018), (680, 3117), (690, 3132), (704, 3156), (712, 3162), (838, 3330), (983, 3480), (997, 3501), (1064, 3564), (1088, 3591), (1165, 3699), (1193, 3738), (1214, 3759), (1219, 3765), (1236, 3783), (1325, 3879), (1372, 3939), (1445, 4017),

Gene: Snuffles_4 Start: 1283, Stop: 2743, Start Num: 250
Candidate Starts for Snuffles_4:
(Start: 250 @1283 has 144 MA's), (Start: 254 @1289 has 2 MA's), (358, 1451), (363, 1460), (399, 1520), (444, 1589), (465, 1610), (488, 1661), (619, 1865), (755, 2000), (817, 2093), (829, 2111), (842, 2129), (880, 2171), (911, 2204), (926, 2222), (1015, 2342), (1020, 2345), (1039, 2357), (1047, 2369), (1060, 2381), (1113, 2432), (1160, 2489), (1172, 2495), (1178, 2504), (1187, 2513), (1190, 2516), (1330, 2678), (1337, 2687), (1344, 2696), (1372, 2735),

Gene: SoJulia_4 Start: 1069, Stop: 2637, Start Num: 138
Candidate Starts for SoJulia_4:
(Start: 138 @1069 has 120 MA's), (Start: 142 @1075 has 6 MA's), (Start: 284 @1231 has 1 MA's), (512, 1528), (515, 1534), (556, 1594), (591, 1666), (594, 1672), (602, 1693), (675, 1792), (710, 1840), (762, 1894), (776, 1918), (807, 1963), (809, 1969), (827, 1999), (832, 2005), (855, 2032), (863, 2041), (942, 2098), (946, 2104), (959, 2125), (962, 2131), (1020, 2206), (1023, 2209), (1060, 2245), (1116, 2290), (1172, 2356), (1234, 2431), (1266, 2449), (1278, 2458), (1420, 2605), (1448, 2629), (1450, 2632),

Gene: SoSeph_6 Start: 1347, Stop: 2774, Start Num: 262
Candidate Starts for SoSeph_6:
(156, 1254), (Start: 262 @1347 has 67 MA's), (310, 1404), (Start: 322 @1425 has 1 MA's), (Start: 336 @1449 has 12 MA's), (391, 1533), (402, 1542), (405, 1548), (425, 1590), (444, 1608), (463, 1626), (487, 1677), (532, 1752), (591, 1830), (607, 1872), (611, 1881), (613, 1884), (675, 1962), (792, 2076),

(820, 2124), (851, 2166), (870, 2190), (880, 2202), (903, 2229), (956, 2274), (962, 2286), (1107, 2433), (1142, 2472), (1187, 2529), (1208, 2553), (1235, 2577), (1263, 2601), (1348, 2700), (1353, 2706), (1425, 2763),

Gene: SoYo_13 Start: 6868, Stop: 8568, Start Num: 105
Candidate Starts for SoYo_13:
(Start: 105 @6868 has 85 MA's), (Start: 145 @6916 has 1 MA's), (302, 7051), (467, 7243), (513, 7330), (620, 7528), (675, 7618), (718, 7681), (809, 7843), (983, 8041), (999, 8065), (1001, 8068), (1080, 8131), (1100, 8152), (1129, 8191), (1193, 8287), (1241, 8341), (1279, 8377), (1405, 8524), (1435, 8554), (1438, 8557),

Gene: Soap141_4 Start: 1069, Stop: 2637, Start Num: 138
Candidate Starts for Soap141_4:
(Start: 138 @1069 has 120 MA's), (Start: 142 @1075 has 6 MA's), (Start: 284 @1231 has 1 MA's), (512, 1528), (515, 1534), (556, 1594), (591, 1666), (594, 1672), (675, 1792), (710, 1840), (762, 1894), (776, 1918), (807, 1963), (809, 1969), (827, 1999), (832, 2005), (855, 2032), (863, 2041), (942, 2098), (946, 2104), (959, 2125), (962, 2131), (1020, 2206), (1023, 2209), (1060, 2245), (1116, 2290), (1172, 2356), (1234, 2431), (1266, 2449), (1278, 2458), (1420, 2605), (1448, 2629), (1450, 2632),

Gene: Socotra_5 Start: 1113, Stop: 2792, Start Num: 170
Candidate Starts for Socotra_5:
(Start: 170 @1113 has 103 MA's), (Start: 232 @1164 has 1 MA's), (Start: 249 @1185 has 1 MA's), (Start: 251 @1188 has 3 MA's), (304, 1230), (362, 1311), (415, 1377), (424, 1386), (485, 1458), (490, 1473), (509, 1509), (513, 1518), (543, 1569), (595, 1668), (623, 1722), (645, 1758), (735, 1902), (760, 1938), (780, 1977), (798, 2010), (825, 2058), (848, 2091), (866, 2115), (921, 2148), (954, 2181), (981, 2238), (987, 2247), (1076, 2331), (1146, 2418), (1214, 2514), (1282, 2586), (1292, 2598), (1394, 2718), (1454, 2778), (1456, 2781),

Gene: Softsoap_3 Start: 689, Stop: 2317, Start Num: 225
Candidate Starts for Softsoap_3:
(Start: 225 @689 has 84 MA's), (339, 845), (431, 953), (459, 968), (490, 1037), (518, 1079), (569, 1136), (594, 1187), (595, 1190), (620, 1250), (628, 1268), (643, 1298), (662, 1328), (1003, 1784), (1020, 1799), (1328, 2150), (1369, 2198), (1464, 2306),

Gene: SoilAssassin_2 Start: 318, Stop: 1889, Start Num: 151
Candidate Starts for SoilAssassin_2:
(Start: 151 @318 has 55 MA's), (Start: 297 @474 has 6 MA's), (Start: 318 @504 has 1 MA's), (342, 537), (421, 621), (425, 630), (465, 666), (491, 726), (566, 816), (568, 819), (607, 912), (620, 936), (648, 978), (689, 1032), (723, 1071), (778, 1137), (789, 1149), (808, 1179), (840, 1212), (919, 1293), (959, 1338), (962, 1344), (971, 1365), (1054, 1455), (1109, 1500), (1112, 1506), (1142, 1536), (1146, 1539), (1187, 1593), (1216, 1629), (1280, 1680), (1331, 1740), (1334, 1743), (1371, 1785), (1461, 1872),

Gene: SoilDragon_13 Start: 6642, Stop: 8342, Start Num: 105
Candidate Starts for SoilDragon_13:
(Start: 105 @6642 has 85 MA's), (Start: 145 @6690 has 1 MA's), (302, 6825), (467, 7017), (513, 7104), (620, 7302), (675, 7392), (718, 7455), (809, 7617), (983, 7815), (999, 7839), (1001, 7842), (1080, 7905), (1100, 7926), (1129, 7965), (1193, 8061), (1241, 8115), (1279, 8151), (1405, 8298), (1435, 8328), (1438, 8331),

Gene: Soilmate_2 Start: 360, Stop: 1958, Start Num: 173
Candidate Starts for Soilmate_2:
(Start: 119 @333 has 2 MA's), (Start: 167 @354 has 9 MA's), (Start: 173 @360 has 36 MA's), (289, 474), (293, 483), (Start: 318 @516 has 1 MA's), (Start: 333 @534 has 4 MA's), (342, 549), (384, 570),

(399, 591), (431, 654), (465, 690), (483, 726), (487, 738), (501, 768), (513, 780), (515, 783), (648, 1002), (661, 1017), (675, 1032), (677, 1035), (745, 1110), (778, 1161), (919, 1317), (946, 1338), (949, 1341), (1002, 1428), (1015, 1440), (1057, 1473), (1060, 1476), (1107, 1515), (1112, 1524), (1172, 1593), (1174, 1596), (1224, 1656), (1226, 1659), (1234, 1668), (1317, 1737), (1466, 1941),

Gene: Solea_4 Start: 1046, Stop: 2674, Start Num: 225
Candidate Starts for Solea_4:
(126, 932), (169, 986), (Start: 225 @1046 has 84 MA's), (339, 1202), (431, 1310), (490, 1394), (503, 1418), (518, 1436), (569, 1493), (594, 1544), (595, 1547), (620, 1607), (628, 1625), (643, 1655), (662, 1685), (1003, 2141), (1020, 2156), (1328, 2507), (1369, 2555), (1464, 2663),

Gene: Solid_2 Start: 377, Stop: 1888, Start Num: 228
Candidate Starts for Solid_2:
(Start: 228 @377 has 40 MA's), (Start: 262 @416 has 67 MA's), (274, 434), (Start: 297 @461 has 6 MA's), (314, 479), (Start: 333 @506 has 4 MA's), (334, 509), (Start: 393 @557 has 3 MA's), (Start: 400 @566 has 2 MA's), (405, 572), (424, 611), (426, 617), (465, 650), (474, 668), (485, 692), (487, 698), (506, 737), (512, 746), (513, 749), (533, 788), (535, 791), (572, 860), (591, 905), (593, 908), (602, 929), (607, 944), (611, 953), (653, 1025), (667, 1043), (669, 1046), (674, 1052), (681, 1067), (745, 1133), (763, 1154), (776, 1178), (809, 1226), (855, 1292), (922, 1325), (954, 1355), (973, 1397), (1054, 1475), (1062, 1484), (1075, 1496), (1112, 1529), (1130, 1550), (1131, 1553), (1134, 1556), (1143, 1568), (1160, 1598), (1172, 1604), (1190, 1625), (1206, 1646), (1224, 1667), (1278, 1703), (1280, 1706), (1290, 1718), (1366, 1796), (1373, 1805), (1378, 1811), (1385, 1820), (1433, 1874), (1443, 1880),

Gene: Solon_11 Start: 7606, Stop: 9294, Start Num: 102
Candidate Starts for Solon_11:
(Start: 102 @7606 has 400 MA's), (381, 7870), (402, 7894), (513, 8056), (535, 8089), (581, 8164), (620, 8254), (631, 8278), (647, 8305), (679, 8353), (774, 8509), (809, 8569), (1009, 8803), (1021, 8815), (1080, 8857), (1100, 8878), (1117, 8905), (1193, 9013), (1279, 9103), (1365, 9208),

Gene: Sonah_2 Start: 413, Stop: 2089, Start Num: 138
Candidate Starts for Sonah_2:
(Start: 138 @413 has 120 MA's), (Start: 235 @524 has 7 MA's), (Start: 318 @629 has 1 MA's), (349, 668), (380, 725), (384, 731), (396, 749), (421, 794), (422, 797), (426, 806), (431, 815), (444, 821), (445, 824), (483, 878), (490, 899), (495, 911), (558, 1001), (659, 1190), (745, 1286), (778, 1337), (902, 1478), (919, 1490), (1024, 1622), (1107, 1688), (1112, 1697), (1139, 1724), (1172, 1766), (1187, 1784), (1278, 1868), (1290, 1883), (1463, 2072),

Gene: Soondubu_2 Start: 568, Stop: 2274, Start Num: 124
Candidate Starts for Soondubu_2:
(Start: 124 @568 has 46 MA's), (362, 793), (477, 922), (513, 991), (535, 1027), (546, 1039), (595, 1132), (623, 1186), (748, 1396), (1193, 1942), (1209, 1957), (1363, 2173), (1381, 2197), (1399, 2212), (1442, 2260),

Gene: Sooty_2 Start: 593, Stop: 2281, Start Num: 143
Candidate Starts for Sooty_2:
(Start: 143 @593 has 16 MA's), (354, 794), (477, 938), (490, 962), (513, 1007), (573, 1094), (595, 1148), (617, 1187), (693, 1322), (759, 1424), (851, 1535), (952, 1646), (983, 1697), (1193, 1952), (1209, 1967), (1372, 2192), (1381, 2204), (1399, 2219),

Gene: Sopespian_4 Start: 1113, Stop: 2792, Start Num: 170
Candidate Starts for Sopespian_4:
(Start: 170 @1113 has 103 MA's), (Start: 232 @1164 has 1 MA's), (Start: 249 @1185 has 1 MA's), (Start: 251 @1188 has 3 MA's), (300, 1224), (304, 1230), (362, 1311), (415, 1377), (424, 1386), (485,

1458), (490, 1473), (509, 1509), (513, 1518), (543, 1569), (595, 1668), (623, 1722), (645, 1758), (735, 1902), (760, 1938), (780, 1977), (798, 2010), (825, 2058), (848, 2091), (866, 2115), (921, 2148), (954, 2181), (981, 2238), (987, 2247), (1076, 2331), (1146, 2418), (1214, 2514), (1282, 2586), (1292, 2598), (1394, 2718), (1454, 2778), (1456, 2781),

Gene: SororFago_11 Start: 6539, Stop: 8296, Start Num: 103
Candidate Starts for SororFago_11:
(Start: 103 @6539 has 236 MA's), (222, 6647), (241, 6671), (275, 6725), (281, 6737), (282, 6746), (290, 6755), (298, 6770), (Start: 330 @6821 has 14 MA's), (424, 6932), (512, 7052), (513, 7055), (581, 7166), (593, 7190), (620, 7256), (631, 7280), (675, 7346), (722, 7412), (778, 7520), (823, 7595), (983, 7772), (992, 7784), (999, 7796), (1001, 7799), (1006, 7805), (1080, 7859), (1113, 7898), (1193, 8015), (1250, 8084), (1405, 8252), (1433, 8279),

Gene: Sorpresa_11 Start: 6972, Stop: 8660, Start Num: 102
Candidate Starts for Sorpresa_11:
(Start: 102 @6972 has 400 MA's), (Start: 309 @7152 has 15 MA's), (381, 7236), (408, 7272), (424, 7299), (513, 7422), (581, 7530), (620, 7620), (631, 7644), (647, 7671), (679, 7719), (774, 7875), (809, 7935), (1001, 8160), (1009, 8169), (1021, 8181), (1080, 8223), (1100, 8244), (1117, 8271), (1193, 8379), (1279, 8469), (1365, 8574),

Gene: Soshari_15 Start: 7040, Stop: 8740, Start Num: 105
Candidate Starts for Soshari_15:
(Start: 105 @7040 has 85 MA's), (Start: 145 @7088 has 1 MA's), (302, 7223), (467, 7415), (513, 7502), (620, 7700), (675, 7790), (718, 7853), (809, 8015), (983, 8213), (999, 8237), (1001, 8240), (1080, 8303), (1100, 8324), (1129, 8363), (1193, 8459), (1241, 8513), (1279, 8549), (1405, 8696), (1435, 8726), (1438, 8729),

Gene: Soshi_7 Start: 2850, Stop: 4595, Start Num: 307
Candidate Starts for Soshi_7:
(Start: 307 @2850 has 198 MA's), (342, 2904), (345, 2907), (363, 2943), (367, 2949), (488, 3183), (535, 3282), (556, 3324), (572, 3345), (589, 3387), (594, 3399), (637, 3498), (644, 3516), (666, 3552), (791, 3777), (805, 3801), (808, 3807), (892, 3930), (950, 3999), (1050, 4116), (1071, 4143), (1120, 4212), (1123, 4215), (1156, 4266), (1223, 4353), (1273, 4419), (1290, 4443), (1299, 4455), (1315, 4473), (1370, 4545), (1372, 4548),

Gene: Soups_14 Start: 6808, Stop: 8505, Start Num: 103
Candidate Starts for Soups_14:
(Start: 103 @6808 has 236 MA's), (120, 6826), (302, 6988), (424, 7144), (487, 7213), (513, 7267), (581, 7375), (594, 7402), (620, 7465), (631, 7489), (999, 8005), (1080, 8068), (1115, 8110), (1193, 8224), (1292, 8329), (1405, 8461), (1433, 8488), (1435, 8491), (1438, 8494),

Gene: Sourignavong_5 Start: 901, Stop: 2391, Start Num: 202
Candidate Starts for Sourignavong_5:
(Start: 202 @901 has 39 MA's), (245, 946), (Start: 307 @1030 has 198 MA's), (Start: 318 @1048 has 1 MA's), (Start: 333 @1066 has 4 MA's), (Start: 336 @1075 has 12 MA's), (Start: 397 @1126 has 4 MA's), (399, 1129), (405, 1138), (419, 1168), (434, 1195), (506, 1294), (577, 1393), (585, 1417), (586, 1420), (588, 1423), (607, 1468), (789, 1702), (820, 1750), (827, 1762), (864, 1801), (886, 1819), (902, 1831), (904, 1834), (922, 1855), (937, 1861), (946, 1873), (987, 1951), (1047, 2005), (1112, 2059), (1121, 2071), (1206, 2164), (1299, 2248), (1349, 2305), (1406, 2374),

Gene: South40_7 Start: 2648, Stop: 4294, Start Num: 95
Candidate Starts for South40_7:

(Start: 95 @2648 has 98 MA's), (Start: 113 @2666 has 11 MA's), (Start: 330 @2870 has 14 MA's), (407, 2951), (504, 3086), (515, 3107), (548, 3152), (575, 3194), (603, 3266), (620, 3290), (680, 3389), (722, 3443), (748, 3500), (838, 3602), (903, 3662), (930, 3689), (997, 3773), (1006, 3785), (1088, 3863), (1116, 3896), (1165, 3971), (1193, 4010), (1214, 4031), (1219, 4037), (1236, 4055), (1325, 4151), (1372, 4211),

Gene: Spain_7 Start: 3618, Stop: 5366, Start Num: 307
Candidate Starts for Spain_7:
(Start: 295 @3600 has 6 MA's), (Start: 307 @3618 has 198 MA's), (363, 3711), (367, 3717), (401, 3774), (433, 3837), (516, 4014), (556, 4092), (572, 4113), (611, 4215), (644, 4284), (651, 4299), (680, 4341), (750, 4470), (791, 4545), (805, 4569), (872, 4674), (892, 4698), (956, 4782), (1053, 4896), (1071, 4914), (1120, 4983), (1123, 4986), (1156, 5037), (1190, 5079), (1249, 5166), (1274, 5193), (1290, 5214), (1299, 5226), (1315, 5244), (1372, 5319),

Gene: Sparkdehlily_2 Start: 588, Stop: 2225, Start Num: 155
Candidate Starts for Sparkdehlily_2:
(Start: 155 @588 has 202 MA's), (168, 603), (Start: 176 @612 has 3 MA's), (182, 618), (Start: 217 @645 has 1 MA's), (Start: 247 @669 has 171 MA's), (Start: 250 @672 has 144 MA's), (Start: 318 @735 has 1 MA's), (Start: 330 @753 has 14 MA's), (353, 774), (412, 861), (414, 867), (454, 921), (473, 933), (484, 945), (487, 954), (488, 957), (496, 978), (508, 999), (548, 1071), (575, 1110), (602, 1179), (604, 1185), (621, 1215), (622, 1218), (627, 1227), (635, 1242), (647, 1260), (680, 1311), (740, 1413), (862, 1584), (874, 1596), (983, 1680), (1005, 1710), (1007, 1713), (1010, 1716), (1080, 1773), (1097, 1788), (1101, 1794), (1104, 1797), (1113, 1812), (1117, 1821), (1164, 1890), (1190, 1920), (1196, 1929), (1225, 1962), (1250, 1995), (1265, 2022), (1297, 2055), (1320, 2082), (1325, 2085), (1349, 2106), (1365, 2130), (1372, 2139), (1374, 2142), (1429, 2199),

Gene: Sparky_2 Start: 507, Stop: 2288, Start Num: 85
Candidate Starts for Sparky_2:
(Start: 85 @507 has 2 MA's), (Start: 175 @612 has 2 MA's), (402, 831), (408, 843), (424, 870), (485, 936), (487, 942), (488, 945), (502, 975), (513, 996), (551, 1053), (602, 1155), (623, 1191), (645, 1239), (686, 1299), (738, 1389), (759, 1419), (812, 1473), (866, 1551), (983, 1659), (997, 1680), (1006, 1692), (1021, 1710), (1102, 1809), (1139, 1863), (1145, 1878), (1165, 1920), (1193, 1968), (1211, 1992), (1240, 2028), (1281, 2097), (1287, 2103), (1292, 2109), (1340, 2160), (1365, 2196), (1370, 2202), (1381, 2217), (1402, 2235), (1421, 2250),

Gene: Spartacus_2 Start: 575, Stop: 2212, Start Num: 155
Candidate Starts for Spartacus_2:
(Start: 155 @575 has 202 MA's), (163, 584), (Start: 176 @599 has 3 MA's), (Start: 204 @620 has 1 MA's), (Start: 217 @632 has 1 MA's), (Start: 247 @656 has 171 MA's), (Start: 250 @659 has 144 MA's), (261, 677), (Start: 318 @722 has 1 MA's), (353, 761), (412, 848), (454, 908), (473, 920), (484, 932), (487, 941), (488, 944), (496, 965), (508, 986), (516, 1001), (548, 1058), (575, 1097), (602, 1166), (604, 1172), (621, 1202), (622, 1205), (627, 1214), (635, 1229), (647, 1247), (680, 1298), (736, 1391), (740, 1400), (862, 1571), (874, 1583), (920, 1601), (983, 1667), (1005, 1697), (1007, 1700), (1010, 1703), (1080, 1760), (1097, 1775), (1101, 1781), (1104, 1784), (1113, 1799), (1117, 1808), (1164, 1877), (1190, 1907), (1196, 1916), (1225, 1949), (1250, 1982), (1265, 2009), (1297, 2042), (1320, 2069), (1325, 2072), (1349, 2093), (1365, 2117), (1372, 2126), (1374, 2129), (1429, 2186),

Gene: Spartan_2 Start: 389, Stop: 1936, Start Num: 180
Candidate Starts for Spartan_2:
(180, 389), (Start: 190 @398 has 1 MA's), (196, 404), (Start: 235 @449 has 7 MA's), (314, 542), (Start: 318 @551 has 1 MA's), (339, 581), (415, 659), (419, 665), (483, 749), (566, 863), (583, 902), (593, 920), (607, 959), (637, 1004), (641, 1013), (649, 1025), (680, 1073), (690, 1088), (795, 1220), (807, 1232), (810, 1241), (833, 1274), (895, 1334), (922, 1364), (944, 1382), (954, 1397), (956, 1400), (1012,

1478), (1041, 1505), (1045, 1511), (1111, 1556), (1139, 1592), (1160, 1628), (1338, 1811), (1356, 1832), (1364, 1841), (1379, 1859), (1394, 1877), (1400, 1883), (1414, 1898),

Gene: Spartoi_2 Start: 378, Stop: 1808, Start Num: 247
Candidate Starts for Spartoi_2:
(Start: 207 @339 has 6 MA's), (Start: 230 @357 has 31 MA's), (Start: 247 @378 has 171 MA's), (320, 450), (Start: 336 @474 has 12 MA's), (362, 516), (381, 543), (411, 591), (418, 606), (463, 657), (487, 708), (491, 720), (588, 855), (595, 870), (607, 903), (611, 912), (613, 915), (640, 954), (641, 957), (820, 1152), (851, 1197), (959, 1302), (1077, 1422), (1112, 1464), (1135, 1485), (1146, 1497), (1208, 1581), (1220, 1596), (1339, 1719), (1376, 1764),

Gene: Sparxx_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Sparxx_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: SpecialK_2 Start: 594, Stop: 2282, Start Num: 143
Candidate Starts for SpecialK_2:
(Start: 143 @594 has 16 MA's), (477, 939), (490, 963), (513, 1008), (573, 1095), (595, 1149), (617, 1188), (693, 1323), (759, 1425), (952, 1647), (983, 1698), (1165, 1917), (1193, 1953), (1209, 1968), (1372, 2193), (1381, 2205), (1399, 2220), (1445, 2271),

Gene: Spectropatronm_8 Start: 3146, Stop: 4891, Start Num: 307
Candidate Starts for Spectropatronm_8:
(Start: 307 @3146 has 198 MA's), (342, 3200), (345, 3203), (363, 3239), (367, 3245), (488, 3479), (535, 3578), (556, 3620), (572, 3641), (589, 3683), (594, 3695), (637, 3794), (644, 3812), (666, 3848), (791, 4073), (805, 4097), (808, 4103), (892, 4226), (950, 4295), (1050, 4412), (1052, 4418), (1071, 4439), (1120, 4508), (1123, 4511), (1156, 4562), (1223, 4649), (1273, 4715), (1290, 4739), (1299, 4751), (1315, 4769), (1370, 4841), (1372, 4844),

Gene: SpeedDemon_130 Start: 6395, Stop: 8131, Start Num: 148
Candidate Starts for SpeedDemon_130:
(Start: 148 @6395 has 26 MA's), (Start: 238 @6467 has 22 MA's), (Start: 305 @6524 has 33 MA's), (411, 6656), (467, 6767), (488, 6803), (538, 6899), (615, 7043), (629, 7070), (654, 7118), (679, 7151), (789, 7325), (814, 7370), (1198, 7841), (1289, 7949), (1372, 8045),

Gene: Speedwell_7 Start: 2470, Stop: 4116, Start Num: 95
Candidate Starts for Speedwell_7:
(Start: 89 @2461 has 1 MA's), (Start: 95 @2470 has 98 MA's), (Start: 98 @2473 has 2 MA's), (Start: 113 @2488 has 11 MA's), (168, 2545), (Start: 330 @2692 has 14 MA's), (407, 2773), (408, 2776), (504, 2908), (509, 2917), (513, 2926), (515, 2929), (620, 3112), (680, 3211), (722, 3265), (751, 3325), (803, 3364), (838, 3424), (926, 3505), (983, 3574), (997, 3595), (1062, 3655), (1064, 3658), (1113, 3712), (1129, 3733), (1165, 3793), (1193, 3832), (1219, 3859), (1236, 3877), (1387, 4054),

Gene: Spike509_13 Start: 7041, Stop: 8741, Start Num: 105
Candidate Starts for Spike509_13:
(Start: 105 @7041 has 85 MA's), (Start: 145 @7089 has 1 MA's), (302, 7224), (467, 7416), (513, 7503), (620, 7701), (675, 7791), (718, 7854), (809, 8016), (983, 8214), (999, 8238), (1001, 8241), (1080, 8304), (1100, 8325), (1129, 8364), (1193, 8460), (1241, 8514), (1279, 8550), (1405, 8697), (1435, 8727), (1438, 8730),

Gene: SpikeBT_13 Start: 7909, Stop: 9597, Start Num: 110
Candidate Starts for SpikeBT_13:
(Start: 110 @7909 has 24 MA's), (Start: 309 @8089 has 15 MA's), (381, 8173), (Start: 403 @8200 has 1 MA's), (408, 8209), (513, 8359), (535, 8392), (581, 8467), (620, 8557), (631, 8581), (647, 8608), (679, 8656), (728, 8725), (774, 8812), (809, 8872), (1001, 9097), (1009, 9106), (1021, 9118), (1080, 9160), (1100, 9181), (1117, 9208), (1193, 9316), (1279, 9406), (1365, 9511),

Gene: Spinach_2 Start: 512, Stop: 2044, Start Num: 230
Candidate Starts for Spinach_2:
(Start: 227 @509 has 25 MA's), (Start: 230 @512 has 31 MA's), (Start: 249 @527 has 1 MA's), (292, 584), (Start: 307 @602 has 198 MA's), (316, 614), (390, 686), (412, 722), (422, 743), (474, 806), (539, 926), (583, 1010), (613, 1076), (659, 1148), (661, 1151), (677, 1163), (747, 1289), (766, 1313), (808, 1376), (878, 1460), (940, 1517), (950, 1532), (987, 1607), (1003, 1625), (1152, 1769), (1187, 1790), (1213, 1823), (1226, 1838), (1278, 1874), (1346, 1952), (1349, 1955), (1353, 1961),

Gene: Spino_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Spino_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Splinter_7 Start: 3467, Stop: 5074, Start Num: 207
Candidate Starts for Splinter_7:
(Start: 133 @3389 has 3 MA's), (Start: 207 @3467 has 6 MA's), (402, 3695), (463, 3779), (474, 3800), (484, 3821), (569, 3959), (595, 4013), (632, 4100), (634, 4103), (650, 4133), (774, 4238), (838, 4340), (941, 4463), (991, 4550), (1004, 4565), (1020, 4580), (1081, 4643), (1139, 4712), (1163, 4754), (1177, 4778), (1219, 4829), (1221, 4832), (1274, 4865), (1328, 4931), (1371, 4982), (1453, 5060), (1459, 5066),

Gene: Spock_8 Start: 1637, Stop: 3058, Start Num: 247
Candidate Starts for Spock_8:
(Start: 165 @1565 has 76 MA's), (Start: 230 @1625 has 31 MA's), (Start: 247 @1637 has 171 MA's), (Start: 336 @1748 has 12 MA's), (342, 1754), (391, 1832), (402, 1841), (425, 1889), (444, 1907), (487, 1976), (514, 2018), (517, 2024), (532, 2051), (533, 2054), (607, 2171), (611, 2180), (675, 2261), (792, 2375), (820, 2423), (827, 2435), (851, 2465), (870, 2489), (880, 2501), (959, 2579), (962, 2585), (1112, 2729), (1146, 2762), (1187, 2816), (1353, 2993), (1425, 3047),

Gene: SpongeBob_2 Start: 509, Stop: 2044, Start Num: 227
Candidate Starts for SpongeBob_2:
(Start: 227 @509 has 25 MA's), (Start: 230 @512 has 31 MA's), (Start: 249 @527 has 1 MA's), (292, 584), (Start: 307 @602 has 198 MA's), (316, 614), (390, 686), (412, 722), (422, 743), (474, 806), (539, 926), (583, 1010), (613, 1076), (659, 1148), (661, 1151), (677, 1163), (747, 1289), (766, 1313), (808, 1376), (878, 1460), (940, 1517), (950, 1532), (987, 1607), (1003, 1625), (1152, 1769), (1187, 1790), (1213, 1823), (1226, 1838), (1278, 1874), (1346, 1952), (1349, 1955), (1353, 1961),

Gene: Spooks_49 Start: 26688, Stop: 28250, Start Num: 175
Candidate Starts for Spooks_49:
(Start: 175 @26688 has 2 MA's), (320, 26841), (Start: 403 @26931 has 1 MA's), (504, 27072), (508, 27078), (513, 27090), (548, 27141), (594, 27234), (595, 27237), (603, 27258), (690, 27405), (866, 27633), (992, 27756), (1113, 27879), (1214, 27990), (1244, 28026), (1372, 28170), (1379, 28179),

(1416, 28215), (1438, 28239),

Gene: Spoonbill_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for Spoonbill_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (454, 905), (473, 917), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (736, 1388), (740, 1397), (862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1250, 1979), (1265, 2006), (1297, 2039), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: Sporto_7 Start: 3557, Stop: 5305, Start Num: 307
Candidate Starts for Sporto_7:
(Start: 307 @3557 has 198 MA's), (Start: 318 @3578 has 1 MA's), (367, 3656), (433, 3776), (516, 3953), (556, 4031), (572, 4052), (611, 4154), (644, 4223), (656, 4247), (750, 4409), (777, 4454), (805, 4508), (872, 4613), (892, 4637), (950, 4709), (956, 4721), (1053, 4835), (1120, 4922), (1123, 4925), (1147, 4958), (1150, 4964), (1190, 5018), (1290, 5153), (1299, 5165), (1315, 5183), (1370, 5255), (1372, 5258),

Gene: Spouty_13 Start: 8139, Stop: 9926, Start Num: 103
Candidate Starts for Spouty_13:
(Start: 103 @8139 has 236 MA's), (Start: 117 @8154 has 10 MA's), (Start: 121 @8160 has 5 MA's), (241, 8271), (298, 8370), (424, 8532), (487, 8604), (513, 8658), (538, 8697), (581, 8769), (620, 8859), (631, 8883), (704, 9000), (722, 9015), (778, 9123), (823, 9198), (848, 9234), (898, 9294), (992, 9414), (1006, 9435), (1064, 9474), (1113, 9528), (1115, 9531), (1129, 9549), (1163, 9603), (1182, 9633), (1193, 9645), (1279, 9735), (1295, 9753), (1405, 9882), (1433, 9909), (1435, 9912),

Gene: Sprinkle_7 Start: 3585, Stop: 5333, Start Num: 307
Candidate Starts for Sprinkle_7:
(Start: 307 @3585 has 198 MA's), (367, 3684), (433, 3804), (516, 3981), (532, 4011), (556, 4059), (570, 4077), (572, 4080), (611, 4182), (644, 4251), (656, 4275), (750, 4437), (755, 4443), (777, 4482), (791, 4512), (805, 4536), (892, 4665), (950, 4737), (956, 4749), (1053, 4863), (1120, 4950), (1123, 4953), (1126, 4959), (1135, 4971), (1190, 5046), (1244, 5124), (1290, 5181), (1299, 5193), (1315, 5211), (1363, 5274), (1372, 5286),

Gene: Sprinklemunch_2 Start: 432, Stop: 1991, Start Num: 201
Candidate Starts for Sprinklemunch_2:
(Start: 161 @390 has 29 MA's), (Start: 201 @432 has 6 MA's), (263, 498), (314, 558), (Start: 318 @567 has 1 MA's), (349, 606), (487, 777), (488, 780), (501, 807), (515, 822), (565, 876), (594, 939), (611, 984), (620, 999), (648, 1041), (675, 1071), (677, 1074), (723, 1134), (733, 1164), (743, 1182), (745, 1185), (900, 1374), (943, 1413), (954, 1431), (959, 1440), (962, 1446), (1002, 1503), (1015, 1515), (1057, 1548), (1060, 1551), (1111, 1596), (1112, 1599), (1133, 1617), (1139, 1626), (1172, 1668), (1187, 1686), (1262, 1758), (1283, 1776), (1286, 1779), (1317, 1812), (1341, 1845), (1366, 1875), (1398, 1914),

Gene: Sproutie_2 Start: 318, Stop: 1889, Start Num: 151
Candidate Starts for Sproutie_2:
(Start: 151 @318 has 55 MA's), (259, 426), (Start: 297 @474 has 6 MA's), (Start: 318 @504 has 1 MA's), (342, 537), (421, 621), (425, 630), (465, 666), (491, 726), (566, 816), (607, 912), (620, 936), (648, 978), (689, 1032), (723, 1071), (778, 1137), (789, 1149), (808, 1179), (840, 1212), (919, 1293), (959, 1338), (962, 1344), (971, 1365), (1054, 1455), (1109, 1500), (1112, 1506), (1142, 1536), (1146,

1539), (1187, 1593), (1216, 1629), (1280, 1680), (1331, 1740), (1334, 1743), (1371, 1785), (1461, 1872),

Gene: Sputnik_3 Start: 604, Stop: 2115, Start Num: 197
Candidate Starts for Sputnik_3:
(158, 562), (Start: 197 @604 has 3 MA's), (Start: 318 @763 has 1 MA's), (354, 808), (402, 847), (405, 853), (419, 883), (425, 895), (444, 913), (506, 1009), (577, 1108), (585, 1132), (586, 1135), (607, 1183), (622, 1213), (637, 1228), (641, 1237), (647, 1246), (661, 1270), (794, 1426), (799, 1429), (827, 1477), (889, 1537), (900, 1546), (922, 1573), (963, 1624), (1039, 1711), (1060, 1729), (1128, 1801), (1172, 1843), (1174, 1846), (1201, 1876), (1226, 1909), (1228, 1912), (1241, 1930),

Gene: SqueakyClean_7 Start: 2449, Stop: 4095, Start Num: 95
Candidate Starts for SqueakyClean_7:
(Start: 95 @2449 has 98 MA's), (354, 2692), (362, 2707), (381, 2719), (414, 2770), (485, 2845), (504, 2887), (508, 2893), (515, 2908), (575, 2995), (603, 3067), (620, 3091), (680, 3190), (701, 3226), (722, 3244), (813, 3367), (838, 3403), (992, 3565), (997, 3574), (1064, 3637), (1113, 3691), (1165, 3772), (1193, 3811), (1214, 3832), (1236, 3856), (1370, 4009), (1372, 4012),

Gene: Squee_12 Start: 7450, Stop: 9138, Start Num: 102
Candidate Starts for Squee_12:
(Start: 102 @7450 has 400 MA's), (Start: 309 @7630 has 15 MA's), (381, 7714), (408, 7750), (424, 7777), (499, 7873), (513, 7900), (535, 7933), (581, 8008), (620, 8098), (631, 8122), (679, 8197), (774, 8353), (778, 8362), (809, 8413), (1009, 8647), (1021, 8659), (1080, 8701), (1100, 8722), (1117, 8749), (1193, 8857), (1279, 8947), (1365, 9052),

Gene: Squint_10 Start: 3458, Stop: 4990, Start Num: 233
Candidate Starts for Squint_10:
(159, 3374), (Start: 198 @3416 has 4 MA's), (Start: 205 @3425 has 1 MA's), (Start: 233 @3458 has 12 MA's), (331, 3572), (380, 3635), (Start: 403 @3668 has 1 MA's), (405, 3671), (426, 3716), (484, 3791), (487, 3800), (566, 3902), (568, 3905), (583, 3941), (599, 3974), (766, 4223), (808, 4286), (822, 4313), (960, 4472), (975, 4508), (1005, 4538), (1015, 4547), (1082, 4601), (1112, 4625), (1349, 4859), (1358, 4871),

Gene: Squircle_3 Start: 953, Stop: 2530, Start Num: 225
Candidate Starts for Squircle_3:
(Start: 225 @953 has 84 MA's), (Start: 247 @980 has 171 MA's), (314, 1070), (339, 1109), (399, 1154), (431, 1217), (459, 1232), (488, 1295), (594, 1451), (620, 1514), (648, 1571), (650, 1574), (662, 1592), (675, 1607), (827, 1829), (888, 1892), (908, 1916), (954, 1967), (956, 1970), (961, 1979), (973, 2003), (1015, 2057), (1046, 2087), (1100, 2135), (1232, 2273), (1290, 2345), (1364, 2432), (1378, 2450), (1457, 2522),

Gene: StAB_2 Start: 376, Stop: 1959, Start Num: 220
Candidate Starts for StAB_2:
(Start: 218 @373 has 8 MA's), (Start: 220 @376 has 6 MA's), (Start: 225 @382 has 84 MA's), (270, 442), (347, 550), (350, 553), (Start: 397 @631 has 4 MA's), (Start: 403 @640 has 1 MA's), (513, 814), (587, 916), (593, 925), (595, 931), (598, 940), (623, 1000), (648, 1048), (650, 1051), (748, 1114), (809, 1207), (983, 1429), (998, 1447), (1049, 1492), (1080, 1534), (1114, 1570), (1122, 1585), (1142, 1612), (1146, 1615), (1154, 1630), (1183, 1663), (1197, 1678), (1235, 1726), (1277, 1756), (1291, 1774), (1350, 1849), (1411, 1924), (1448, 1948),

Gene: StAnnes_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for StAnnes_2:

(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: StCroix_8 Start: 3156, Stop: 4838, Start Num: 107
Candidate Starts for StCroix_8:
(Start: 107 @3156 has 35 MA's), (Start: 309 @3342 has 15 MA's), (362, 3414), (381, 3426), (402, 3450), (408, 3462), (513, 3615), (523, 3630), (567, 3690), (620, 3798), (647, 3855), (770, 4053), (780, 4071), (812, 4125), (926, 4236), (956, 4269), (983, 4311), (1006, 4344), (1088, 4413), (1193, 4557), (1236, 4602), (1292, 4662), (1372, 4761), (1405, 4794), (1433, 4821), (1435, 4824), (1438, 4827),

Gene: Stagni_13 Start: 6959, Stop: 8659, Start Num: 105
Candidate Starts for Stagni_13:
(Start: 105 @6959 has 85 MA's), (Start: 145 @7007 has 1 MA's), (302, 7142), (467, 7334), (513, 7421), (620, 7619), (675, 7709), (718, 7772), (809, 7934), (983, 8132), (999, 8156), (1001, 8159), (1080, 8222), (1100, 8243), (1129, 8282), (1193, 8378), (1241, 8432), (1279, 8468), (1405, 8615), (1435, 8645), (1438, 8648),

Gene: Stank_10 Start: 2509, Stop: 4179, Start Num: 394
Candidate Starts for Stank_10:
(Start: 394 @2509 has 48 MA's), (427, 2572), (551, 2806), (598, 2908), (693, 3088), (710, 3112), (724, 3130), (732, 3142), (768, 3205), (776, 3217), (808, 3262), (815, 3277), (873, 3355), (911, 3400), (934, 3454), (935, 3460), (1000, 3574), (1037, 3622), (1104, 3718), (1116, 3739), (1124, 3754), (1218, 3907), (1232, 3919), (1279, 3976), (1307, 4012), (1346, 4063), (1372, 4099), (1374, 4102), (1438, 4168),

Gene: StarLord_8 Start: 3619, Stop: 5367, Start Num: 307
Candidate Starts for StarLord_8:
(Start: 295 @3601 has 6 MA's), (Start: 307 @3619 has 198 MA's), (363, 3712), (367, 3718), (401, 3775), (433, 3838), (516, 4015), (556, 4093), (572, 4114), (611, 4216), (644, 4285), (651, 4300), (680, 4342), (750, 4471), (791, 4546), (805, 4570), (872, 4675), (892, 4699), (956, 4783), (1053, 4897), (1071, 4915), (1120, 4984), (1123, 4987), (1156, 5038), (1190, 5080), (1249, 5167), (1274, 5194), (1290, 5215), (1299, 5227), (1315, 5245), (1372, 5320),

Gene: StarStruck_25 Start: 12805, Stop: 14535, Start Num: 155
Candidate Starts for StarStruck_25:
(Start: 155 @12805 has 202 MA's), (Start: 161 @12811 has 29 MA's), (351, 13006), (353, 13012), (379, 13051), (Start: 403 @13081 has 1 MA's), (424, 13123), (509, 13300), (621, 13516), (635, 13543), (740, 13711), (748, 13723), (768, 13756), (824, 13834), (1007, 14017), (1034, 14050), (1054, 14080), (1104, 14131), (1136, 14179), (1196, 14254), (1203, 14266), (1237, 14302), (1365, 14440), (1387, 14470),

Gene: StarStuff_15 Start: 7375, Stop: 9162, Start Num: 103
Candidate Starts for StarStuff_15:
(33, 7216), (36, 7243), (Start: 103 @7375 has 236 MA's), (Start: 217 @7483 has 1 MA's), (234, 7504), (278, 7570), (298, 7612), (362, 7699), (512, 7894), (513, 7897), (581, 8005), (620, 8095), (631, 8119), (693, 8218), (718, 8248), (722, 8251), (780, 8362), (916, 8551), (1064, 8710), (1080, 8725), (1088,

8737), (1113, 8764), (1129, 8785), (1182, 8869), (1193, 8881), (1279, 8971), (1405, 9118), (1433, 9145), (1435, 9148),

Gene: Starburst_5 Start: 1113, Stop: 2792, Start Num: 170
Candidate Starts for Starburst_5:
(Start: 170 @1113 has 103 MA's), (Start: 232 @1164 has 1 MA's), (Start: 249 @1185 has 1 MA's), (Start: 251 @1188 has 3 MA's), (304, 1230), (362, 1311), (415, 1377), (424, 1386), (485, 1458), (490, 1473), (509, 1509), (513, 1518), (543, 1569), (595, 1668), (623, 1722), (645, 1758), (735, 1902), (760, 1938), (780, 1977), (798, 2010), (825, 2058), (848, 2091), (866, 2115), (921, 2148), (954, 2181), (981, 2238), (987, 2247), (1076, 2331), (1100, 2358), (1146, 2418), (1214, 2514), (1282, 2586), (1292, 2598), (1394, 2718), (1454, 2778), (1456, 2781),

Gene: Stardom_7 Start: 3940, Stop: 5601, Start Num: 363
Candidate Starts for Stardom_7:
(279, 3793), (Start: 303 @3841 has 2 MA's), (Start: 307 @3847 has 198 MA's), (363, 3940), (367, 3946), (502, 4213), (516, 4243), (532, 4273), (556, 4321), (570, 4339), (572, 4342), (589, 4384), (644, 4513), (750, 4699), (805, 4798), (847, 4870), (892, 4927), (950, 5005), (956, 5017), (1053, 5131), (1071, 5149), (1109, 5194), (1120, 5218), (1123, 5221), (1150, 5260), (1249, 5401), (1288, 5446), (1290, 5449), (1299, 5461), (1336, 5509), (1363, 5542), (1370, 5551), (1372, 5554),

Gene: Stardrop_8 Start: 3536, Stop: 5269, Start Num: 307
Candidate Starts for Stardrop_8:
(Start: 307 @3536 has 198 MA's), (367, 3635), (493, 3872), (516, 3920), (556, 3998), (570, 4016), (572, 4019), (599, 4088), (644, 4190), (656, 4214), (693, 4271), (750, 4376), (805, 4475), (820, 4505), (847, 4547), (892, 4604), (950, 4673), (956, 4685), (1053, 4799), (1071, 4817), (1120, 4886), (1123, 4889), (1273, 5093), (1290, 5117), (1299, 5129), (1309, 5141), (1334, 5174), (1370, 5219), (1372, 5222),

Gene: Stargaze_2 Start: 344, Stop: 1912, Start Num: 161
Candidate Starts for Stargaze_2:
(Start: 161 @344 has 29 MA's), (399, 647), (425, 698), (463, 734), (490, 794), (588, 947), (591, 953), (594, 959), (607, 995), (618, 1016), (640, 1046), (675, 1085), (679, 1094), (820, 1247), (842, 1277), (880, 1322), (882, 1325), (962, 1403), (977, 1427), (1042, 1472), (1112, 1553), (1146, 1586), (1150, 1595), (1157, 1610), (1160, 1616), (1172, 1622), (1263, 1712), (1277, 1724), (1280, 1727), (1353, 1820), (1425, 1901),

Gene: Stark_9 Start: 2277, Stop: 3947, Start Num: 394
Candidate Starts for Stark_9:
(Start: 394 @2277 has 48 MA's), (427, 2340), (551, 2574), (598, 2676), (693, 2856), (710, 2880), (724, 2898), (732, 2910), (768, 2973), (776, 2985), (808, 3030), (815, 3045), (873, 3123), (911, 3168), (934, 3222), (935, 3228), (1000, 3342), (1104, 3486), (1124, 3522), (1218, 3675), (1232, 3687), (1279, 3744), (1307, 3780), (1346, 3831), (1372, 3867), (1374, 3870), (1438, 3936),

Gene: Stasia_12 Start: 7329, Stop: 9026, Start Num: 102
Candidate Starts for Stasia_12:
(Start: 102 @7329 has 400 MA's), (Start: 124 @7353 has 46 MA's), (381, 7599), (512, 7782), (513, 7785), (538, 7824), (581, 7893), (593, 7917), (620, 7983), (623, 7992), (675, 8073), (693, 8106), (774, 8238), (825, 8325), (848, 8358), (923, 8424), (983, 8499), (999, 8523), (1080, 8589), (1088, 8601), (1113, 8628), (1129, 8649), (1193, 8745), (1250, 8814), (1405, 8982), (1435, 9012), (1438, 9015),

Gene: Stayer_8 Start: 3600, Stop: 5366, Start Num: 295
Candidate Starts for Stayer_8:

(Start: 295 @3600 has 6 MA's), (Start: 307 @3618 has 198 MA's), (363, 3711), (367, 3717), (401, 3774), (433, 3837), (516, 4014), (556, 4092), (572, 4113), (611, 4215), (644, 4284), (651, 4299), (680, 4341), (750, 4470), (791, 4545), (805, 4569), (872, 4674), (892, 4698), (956, 4782), (1053, 4896), (1071, 4914), (1120, 4983), (1123, 4986), (1156, 5037), (1190, 5079), (1249, 5166), (1274, 5193), (1290, 5214), (1299, 5226), (1315, 5244), (1372, 5319),

Gene: SteMason_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for SteMason_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: SteamedHams_6 Start: 1120, Stop: 2799, Start Num: 170
Candidate Starts for SteamedHams_6:
(Start: 170 @1120 has 103 MA's), (Start: 232 @1171 has 1 MA's), (Start: 249 @1192 has 1 MA's), (Start: 251 @1195 has 3 MA's), (304, 1237), (354, 1303), (407, 1363), (415, 1384), (424, 1393), (490, 1480), (509, 1516), (513, 1525), (543, 1576), (595, 1675), (603, 1696), (623, 1729), (645, 1765), (735, 1909), (760, 1945), (780, 1984), (874, 2131), (921, 2155), (987, 2254), (1076, 2338), (1146, 2425), (1214, 2521), (1269, 2569), (1282, 2593), (1394, 2725), (1454, 2785), (1456, 2788),

Gene: Steamy_13 Start: 7952, Stop: 9736, Start Num: 103
Candidate Starts for Steamy_13:
(Start: 103 @7952 has 236 MA's), (241, 8081), (298, 8180), (314, 8204), (362, 8267), (424, 8342), (490, 8423), (513, 8468), (538, 8507), (581, 8579), (620, 8669), (631, 8693), (693, 8792), (704, 8810), (722, 8825), (983, 9212), (1064, 9284), (1080, 9299), (1113, 9338), (1115, 9341), (1129, 9359), (1193, 9455), (1402, 9689), (1405, 9692), (1433, 9719), (1435, 9722), (1438, 9725),

Gene: Stellammi_2 Start: 539, Stop: 2344, Start Num: 87
Candidate Starts for Stellammi_2:
(80, 530), (Start: 87 @539 has 22 MA's), (210, 680), (264, 752), (354, 839), (477, 980), (513, 1049), (595, 1187), (602, 1205), (623, 1241), (645, 1289), (647, 1292), (746, 1457), (794, 1505), (813, 1529), (842, 1571), (849, 1580), (854, 1586), (981, 1712), (987, 1721), (1006, 1748), (1009, 1751), (1015, 1757), (1062, 1796), (1105, 1856), (1182, 2000), (1193, 2012), (1218, 2045), (1238, 2069), (1244, 2078), (1264, 2120), (1281, 2144), (1325, 2192), (1365, 2243), (1370, 2249), (1399, 2279), (1445, 2327), (1450, 2333),

Gene: Stem_3 Start: 1113, Stop: 2573, Start Num: 250
Candidate Starts for Stem_3:
(Start: 250 @1113 has 144 MA's), (Start: 254 @1119 has 2 MA's), (358, 1281), (363, 1290), (399, 1350), (444, 1419), (465, 1440), (488, 1491), (619, 1695), (755, 1830), (806, 1908), (817, 1923), (829, 1941), (842, 1959), (880, 2001), (911, 2034), (926, 2052), (1015, 2172), (1020, 2175), (1039, 2187), (1047, 2199), (1060, 2211), (1113, 2262), (1160, 2319), (1172, 2325), (1178, 2334), (1187, 2343), (1190, 2346), (1330, 2508), (1337, 2517), (1344, 2526), (1372, 2565),

Gene: StepMih_13 Start: 6950, Stop: 8650, Start Num: 105
Candidate Starts for StepMih_13:
(Start: 105 @6950 has 85 MA's), (Start: 145 @6998 has 1 MA's), (302, 7133), (467, 7325), (513, 7412), (620, 7610), (675, 7700), (718, 7763), (809, 7925), (983, 8123), (999, 8147), (1001, 8150), (1080, 8213), (1100, 8234), (1129, 8273), (1193, 8369), (1241, 8423), (1279, 8459), (1405, 8606), (1435, 8636), (1438, 8639),

Gene: Stephig9_9 Start: 5669, Stop: 7423, Start Num: 67
Candidate Starts for Stephig9_9:
(Start: 67 @5669 has 32 MA's), (92, 5711), (Start: 128 @5750 has 7 MA's), (241, 5858), (424, 6065), (567, 6266), (620, 6374), (693, 6503), (793, 6668), (812, 6701), (926, 6821), (983, 6896), (1100, 7007), (1113, 7025), (1129, 7046), (1163, 7100), (1193, 7142), (1292, 7247), (1372, 7346), (1405, 7379), (1438, 7412), (1443, 7418),

Gene: StevieRay_2 Start: 401, Stop: 2077, Start Num: 138
Candidate Starts for StevieRay_2:
(Start: 138 @401 has 120 MA's), (Start: 318 @617 has 1 MA's), (349, 656), (380, 713), (384, 719), (396, 737), (421, 782), (426, 794), (431, 803), (444, 809), (483, 866), (490, 887), (495, 899), (558, 989), (659, 1178), (745, 1274), (766, 1304), (778, 1325), (902, 1466), (919, 1478), (959, 1523), (1107, 1676), (1112, 1685), (1139, 1712), (1172, 1754), (1187, 1772), (1278, 1856), (1290, 1871), (1463, 2060),

Gene: StewieG_10 Start: 6822, Stop: 8510, Start Num: 102
Candidate Starts for StewieG_10:
(Start: 102 @6822 has 400 MA's), (Start: 309 @7002 has 15 MA's), (381, 7086), (408, 7122), (424, 7149), (513, 7272), (581, 7380), (620, 7470), (631, 7494), (647, 7521), (679, 7569), (774, 7725), (809, 7785), (1001, 8010), (1009, 8019), (1021, 8031), (1080, 8073), (1100, 8094), (1117, 8121), (1193, 8229), (1279, 8319), (1365, 8424),

Gene: StewieGriff_4 Start: 800, Stop: 2290, Start Num: 202
Candidate Starts for StewieGriff_4:
(Start: 202 @800 has 39 MA's), (245, 845), (Start: 318 @947 has 1 MA's), (Start: 336 @974 has 12 MA's), (Start: 397 @1025 has 4 MA's), (405, 1037), (419, 1067), (425, 1079), (434, 1094), (485, 1160), (513, 1205), (577, 1292), (585, 1316), (586, 1319), (588, 1322), (607, 1367), (620, 1391), (631, 1400), (677, 1466), (725, 1529), (745, 1541), (776, 1583), (789, 1601), (827, 1661), (886, 1718), (902, 1730), (922, 1754), (946, 1772), (987, 1850), (1047, 1904), (1112, 1958), (1121, 1970), (1127, 1979), (1201, 2054), (1206, 2063), (1228, 2090), (1299, 2147), (1346, 2201), (1406, 2273),

Gene: Stickynote_14 Start: 7569, Stop: 9554, Start Num: 20
Candidate Starts for Stickynote_14:
(1, 7305), (2, 7341), (Start: 20 @7569 has 1 MA's), (25, 7623), (48, 7713), (58, 7737), (Start: 138 @7854 has 120 MA's), (Start: 155 @7875 has 202 MA's), (Start: 176 @7899 has 3 MA's), (Start: 235 @7962 has 7 MA's), (Start: 254 @7986 has 2 MA's), (379, 8148), (Start: 389 @8163 has 11 MA's), (402, 8181), (Start: 403 @8184 has 1 MA's), (414, 8208), (424, 8226), (473, 8283), (475, 8286), (496, 8328), (510, 8355), (520, 8373), (535, 8400), (545, 8418), (546, 8421), (581, 8475), (621, 8559), (633, 8583), (647, 8604), (694, 8676), (717, 8706), (740, 8757), (801, 8838), (817, 8871), (985, 9033), (1088, 9135), (1113, 9162), (1117, 9171), (1203, 9282), (1258, 9345), (1365, 9456), (1372, 9465), (1450, 9546),

Gene: Stiles_2 Start: 373, Stop: 1959, Start Num: 218
Candidate Starts for Stiles_2:
(Start: 218 @373 has 8 MA's), (Start: 220 @376 has 6 MA's), (Start: 225 @382 has 84 MA's), (350, 553), (Start: 397 @631 has 4 MA's), (Start: 403 @640 has 1 MA's), (513, 814), (587, 916), (593, 925), (595, 931), (598, 940), (623, 1000), (648, 1048), (650, 1051), (748, 1114), (809, 1207), (983, 1429), (998, 1447), (1049, 1492), (1080, 1534), (1114, 1570), (1122, 1585), (1142, 1612), (1146, 1615), (1154, 1630), (1156, 1636), (1183, 1663), (1197, 1678), (1235, 1726), (1291, 1774), (1350, 1849), (1411, 1924), (1448, 1948),

Gene: Stink_11 Start: 6849, Stop: 8546, Start Num: 102
Candidate Starts for Stink_11:

(Start: 102 @6849 has 400 MA's), (Start: 124 @6873 has 46 MA's), (Start: 309 @7035 has 15 MA's), (381, 7119), (512, 7302), (513, 7305), (538, 7344), (581, 7413), (593, 7437), (604, 7467), (620, 7503), (675, 7593), (774, 7758), (803, 7803), (825, 7845), (848, 7878), (923, 7944), (983, 8019), (999, 8043), (1080, 8109), (1113, 8148), (1129, 8169), (1193, 8265), (1405, 8502), (1435, 8532), (1438, 8535),

Gene: Stinson_8 Start: 1568, Stop: 2989, Start Num: 247
Candidate Starts for Stinson_8:
(Start: 165 @1496 has 76 MA's), (Start: 230 @1556 has 31 MA's), (Start: 247 @1568 has 171 MA's), (Start: 336 @1679 has 12 MA's), (342, 1685), (391, 1763), (402, 1772), (425, 1820), (444, 1838), (463, 1856), (487, 1907), (514, 1949), (517, 1955), (532, 1982), (533, 1985), (591, 2060), (607, 2102), (611, 2111), (675, 2192), (792, 2306), (820, 2354), (827, 2366), (851, 2396), (870, 2420), (880, 2432), (893, 2447), (962, 2516), (1112, 2660), (1146, 2693), (1187, 2747), (1353, 2924), (1425, 2978),

Gene: StolenFromERC_10 Start: 2509, Stop: 4179, Start Num: 394
Candidate Starts for StolenFromERC_10:
(Start: 394 @2509 has 48 MA's), (427, 2572), (551, 2806), (598, 2908), (693, 3088), (710, 3112), (724, 3130), (732, 3142), (768, 3205), (776, 3217), (808, 3262), (815, 3277), (873, 3355), (911, 3400), (934, 3454), (935, 3460), (1000, 3574), (1037, 3622), (1104, 3718), (1124, 3754), (1218, 3907), (1232, 3919), (1279, 3976), (1307, 4012), (1346, 4063), (1372, 4099), (1374, 4102), (1438, 4168),

Gene: Stoor_3 Start: 957, Stop: 2582, Start Num: 225
Candidate Starts for Stoor_3:
(Start: 225 @957 has 84 MA's), (339, 1113), (405, 1167), (431, 1221), (459, 1236), (490, 1305), (520, 1350), (569, 1404), (594, 1455), (595, 1458), (620, 1518), (628, 1536), (630, 1539), (643, 1566), (662, 1596), (774, 1758), (956, 1974), (1003, 2049), (1015, 2061), (1328, 2415), (1369, 2463),

Gene: Stormborn_2 Start: 379, Stop: 1890, Start Num: 228
Candidate Starts for Stormborn_2:
(Start: 228 @379 has 40 MA's), (274, 436), (314, 481), (Start: 333 @508 has 4 MA's), (334, 511), (Start: 393 @559 has 3 MA's), (Start: 400 @568 has 2 MA's), (405, 574), (419, 604), (424, 613), (426, 619), (465, 652), (474, 670), (485, 694), (487, 700), (506, 739), (512, 748), (513, 751), (533, 790), (535, 793), (566, 853), (572, 862), (591, 907), (593, 910), (602, 931), (607, 946), (618, 967), (653, 1027), (664, 1042), (667, 1045), (669, 1048), (745, 1135), (776, 1180), (809, 1228), (850, 1288), (855, 1294), (922, 1327), (949, 1345), (954, 1357), (1054, 1477), (1062, 1486), (1112, 1531), (1130, 1552), (1131, 1555), (1134, 1558), (1143, 1570), (1153, 1585), (1160, 1600), (1170, 1603), (1184, 1621), (1190, 1627), (1278, 1705), (1280, 1708), (1290, 1720), (1373, 1807), (1389, 1828), (1394, 1834), (1433, 1876), (1443, 1882),

Gene: Stratus_4 Start: 874, Stop: 2364, Start Num: 202
Candidate Starts for Stratus_4:
(Start: 202 @874 has 39 MA's), (245, 919), (Start: 318 @1021 has 1 MA's), (Start: 333 @1039 has 4 MA's), (Start: 336 @1048 has 12 MA's), (Start: 397 @1099 has 4 MA's), (399, 1102), (405, 1111), (419, 1141), (434, 1168), (506, 1267), (577, 1366), (585, 1390), (586, 1393), (588, 1396), (607, 1441), (789, 1675), (820, 1723), (827, 1735), (864, 1774), (886, 1792), (902, 1804), (904, 1807), (922, 1828), (937, 1834), (946, 1846), (987, 1924), (1047, 1978), (1112, 2032), (1121, 2044), (1156, 2089), (1206, 2137), (1299, 2221), (1349, 2278), (1406, 2347),

Gene: StrawberryLem_2 Start: 349, Stop: 1851, Start Num: 191
Candidate Starts for StrawberryLem_2:
(Start: 191 @349 has 4 MA's), (213, 373), (Start: 318 @508 has 1 MA's), (329, 520), (Start: 333 @526 has 4 MA's), (Start: 336 @535 has 12 MA's), (405, 598), (419, 628), (424, 637), (434, 655), (506, 754), (513, 766), (540, 799), (586, 880), (607, 928), (657, 1009), (776, 1144), (820, 1210), (827, 1222), (860, 1255), (886, 1279), (987, 1411), (1021, 1438), (1121, 1531), (1201, 1615), (1206, 1624), (1299, 1708),

(1317, 1723), (1364, 1783), (1387, 1813),

Gene: StressBall_2 Start: 400, Stop: 2076, Start Num: 138
Candidate Starts for StressBall_2:
(Start: 138 @400 has 120 MA's), (Start: 318 @616 has 1 MA's), (349, 655), (380, 712), (384, 718), (396, 736), (421, 781), (426, 793), (431, 802), (444, 808), (483, 865), (490, 886), (495, 898), (558, 988), (659, 1177), (745, 1273), (766, 1303), (778, 1324), (902, 1465), (919, 1477), (959, 1522), (1107, 1675), (1112, 1684), (1139, 1711), (1172, 1753), (1187, 1771), (1278, 1855), (1290, 1870), (1463, 2059),

Gene: Strobilo_4 Start: 652, Stop: 2076, Start Num: 247
Candidate Starts for Strobilo_4:
(156, 574), (Start: 165 @586 has 76 MA's), (Start: 176 @595 has 3 MA's), (Start: 247 @652 has 171 MA's), (310, 712), (Start: 322 @733 has 1 MA's), (Start: 336 @754 has 12 MA's), (391, 838), (402, 847), (425, 895), (463, 931), (487, 982), (514, 1024), (517, 1030), (532, 1057), (593, 1138), (607, 1177), (611, 1186), (613, 1189), (675, 1267), (679, 1276), (792, 1381), (820, 1429), (827, 1441), (851, 1471), (870, 1495), (882, 1510), (956, 1576), (962, 1588), (992, 1630), (1042, 1660), (1071, 1687), (1111, 1729), (1129, 1744), (1160, 1795), (1187, 1819), (1235, 1867), (1348, 1990), (1425, 2065),

Gene: Strokeseat_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for Strokeseat_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 217 @629 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (454, 905), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (740, 1397), (862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1225, 1946), (1239, 1964), (1250, 1979), (1265, 2006), (1297, 2039), (1315, 2060), (1320, 2066), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: Stromboli_3 Start: 957, Stop: 2582, Start Num: 225
Candidate Starts for Stromboli_3:
(Start: 225 @957 has 84 MA's), (339, 1113), (405, 1167), (431, 1221), (459, 1236), (490, 1305), (520, 1350), (569, 1404), (594, 1455), (595, 1458), (620, 1518), (628, 1536), (630, 1539), (643, 1566), (662, 1596), (774, 1758), (956, 1974), (1003, 2049), (1015, 2061), (1328, 2415), (1369, 2463),

Gene: Strosahl_14 Start: 6647, Stop: 8344, Start Num: 103
Candidate Starts for Strosahl_14:
(Start: 103 @6647 has 236 MA's), (120, 6665), (302, 6827), (487, 7052), (513, 7106), (581, 7214), (594, 7241), (620, 7304), (631, 7328), (999, 7844), (1080, 7907), (1115, 7949), (1193, 8063), (1292, 8168), (1405, 8300), (1433, 8327), (1435, 8330), (1438, 8333),

Gene: StuartMinion_2 Start: 373, Stop: 1995, Start Num: 193
Candidate Starts for StuartMinion_2:
(Start: 171 @352 has 16 MA's), (Start: 193 @373 has 21 MA's), (Start: 309 @514 has 15 MA's), (Start: 397 @604 has 4 MA's), (405, 616), (422, 652), (431, 670), (488, 748), (569, 853), (595, 907), (598, 916), (620, 967), (631, 991), (650, 1027), (665, 1048), (713, 1123), (774, 1207), (954, 1423), (961, 1435), (975, 1462), (1003, 1501), (1009, 1507), (1048, 1546), (1096, 1585), (1117, 1618), (1151, 1663), (1257, 1780), (1290, 1816), (1305, 1834), (1364, 1903), (1369, 1909), (1385, 1930), (1447, 1981), (1449, 1984),

Gene: Stuck_2 Start: 500, Stop: 2038, Start Num: 240
Candidate Starts for Stuck_2:

(Start: 225 @488 has 84 MA's), (Start: 240 @500 has 3 MA's), (292, 566), (Start: 307 @584 has 198 MA's), (399, 677), (431, 740), (474, 785), (488, 818), (528, 881), (544, 914), (566, 950), (583, 989), (593, 1004), (607, 1043), (613, 1055), (622, 1073), (637, 1088), (659, 1127), (747, 1268), (766, 1292), (794, 1334), (894, 1454), (940, 1496), (950, 1511), (962, 1535), (1012, 1610), (1043, 1640), (1152, 1754), (1226, 1844), (1278, 1880), (1290, 1895), (1342, 1952), (1349, 1961), (1353, 1967), (1364, 1979), (1374, 1988), (1402, 2015),

Gene: Studio_4 Start: 1055, Stop: 2593, Start Num: 211
Candidate Starts for Studio_4:
(Start: 211 @1055 has 13 MA's), (215, 1061), (259, 1100), (Start: 307 @1154 has 198 MA's), (405, 1259), (458, 1322), (495, 1409), (611, 1649), (618, 1661), (650, 1718), (750, 1877), (808, 1964), (859, 2027), (1228, 2396),

Gene: Stuu_2 Start: 594, Stop: 2282, Start Num: 143
Candidate Starts for Stuu_2:
(Start: 143 @594 has 16 MA's), (354, 795), (477, 939), (513, 1008), (573, 1095), (595, 1149), (617, 1188), (693, 1323), (759, 1425), (952, 1647), (983, 1698), (1165, 1917), (1193, 1953), (1209, 1968), (1372, 2193), (1381, 2205), (1399, 2220), (1445, 2271),

Gene: SuMoo_2 Start: 632, Stop: 2350, Start Num: 122
Candidate Starts for SuMoo_2:
(Start: 122 @632 has 14 MA's), (477, 1004), (504, 1055), (513, 1073), (595, 1223), (623, 1277), (675, 1355), (701, 1403), (952, 1718), (1064, 1853), (1193, 2024), (1209, 2039), (1272, 2138), (1325, 2204), (1381, 2276),

Gene: Subaru_2 Start: 534, Stop: 2240, Start Num: 124
Candidate Starts for Subaru_2:
(Start: 124 @534 has 46 MA's), (Start: 232 @621 has 1 MA's), (486, 906), (513, 963), (525, 984), (546, 1011), (595, 1101), (623, 1155), (645, 1200), (693, 1275), (798, 1404), (851, 1488), (881, 1527), (983, 1650), (1146, 1830), (1163, 1863), (1193, 1905), (1209, 1920), (1292, 2055), (1325, 2091), (1372, 2151), (1381, 2163),

Gene: Success_50 Start: 25807, Stop: 27369, Start Num: 175
Candidate Starts for Success_50:
(Start: 175 @25807 has 2 MA's), (320, 25960), (504, 26191), (508, 26197), (513, 26209), (548, 26260), (595, 26356), (623, 26410), (625, 26413), (690, 26524), (866, 26752), (983, 26863), (992, 26875), (1214, 27109), (1244, 27145), (1372, 27289), (1416, 27334), (1438, 27358),

Gene: Sudan_6 Start: 2505, Stop: 4151, Start Num: 95
Candidate Starts for Sudan_6:
(Start: 89 @2496 has 1 MA's), (Start: 95 @2505 has 98 MA's), (Start: 98 @2508 has 2 MA's), (Start: 113 @2523 has 11 MA's), (Start: 330 @2727 has 14 MA's), (362, 2763), (407, 2808), (485, 2901), (490, 2916), (504, 2943), (509, 2952), (515, 2964), (575, 3051), (594, 3099), (620, 3147), (680, 3246), (704, 3285), (803, 3399), (812, 3420), (838, 3459), (926, 3540), (983, 3609), (987, 3615), (997, 3630), (1064, 3693), (1164, 3825), (1193, 3867), (1219, 3894), (1236, 3912), (1281, 3960), (1372, 4068),

Gene: Sue2_2 Start: 539, Stop: 2245, Start Num: 128
Candidate Starts for Sue2_2:
(12, 230), (13, 233), (15, 242), (69, 461), (Start: 128 @539 has 7 MA's), (513, 968), (538, 1010), (595, 1106), (604, 1130), (645, 1205), (686, 1265), (693, 1280), (881, 1532), (983, 1655), (992, 1667), (1113, 1793), (1129, 1814), (1193, 1910), (1209, 1925), (1372, 2156), (1381, 2168),

Gene: Suerte_2 Start: 318, Stop: 1877, Start Num: 151

Candidate Starts for Suerte_2:
(88, 258), (Start: 151 @318 has 55 MA's), (259, 426), (Start: 318 @504 has 1 MA's), (342, 537), (421, 621), (425, 630), (465, 666), (491, 726), (566, 816), (568, 819), (607, 912), (611, 921), (620, 936), (723, 1071), (778, 1137), (808, 1179), (875, 1248), (880, 1254), (919, 1293), (946, 1314), (962, 1344), (971, 1365), (1009, 1410), (1054, 1446), (1057, 1449), (1109, 1491), (1142, 1527), (1216, 1620), (1280, 1671), (1371, 1776), (1390, 1800), (1461, 1860),

Gene: Sujidade_7 Start: 2672, Stop: 4318, Start Num: 95
Candidate Starts for Sujidade_7:
(Start: 95 @2672 has 98 MA's), (Start: 113 @2690 has 11 MA's), (Start: 330 @2894 has 14 MA's), (362, 2930), (504, 3110), (515, 3131), (575, 3218), (603, 3290), (620, 3314), (680, 3413), (690, 3428), (704, 3452), (712, 3458), (838, 3626), (983, 3776), (997, 3797), (1088, 3887), (1165, 3995), (1193, 4034), (1214, 4055), (1219, 4061), (1236, 4079), (1372, 4235),

Gene: Sukkupi_26 Start: 11957, Stop: 13684, Start Num: 155
Candidate Starts for Sukkupi_26:
(Start: 155 @11957 has 202 MA's), (Start: 317 @12107 has 15 MA's), (351, 12158), (Start: 403 @12233 has 1 MA's), (408, 12242), (464, 12365), (473, 12383), (621, 12665), (635, 12692), (740, 12860), (748, 12872), (824, 12983), (1007, 13166), (1104, 13280), (1113, 13295), (1136, 13328), (1196, 13403), (1320, 13547), (1365, 13589), (1387, 13619), (1432, 13661),

Gene: Sulley_8 Start: 1575, Stop: 2996, Start Num: 247
Candidate Starts for Sulley_8:
(Start: 165 @1503 has 76 MA's), (Start: 230 @1563 has 31 MA's), (Start: 247 @1575 has 171 MA's), (Start: 336 @1686 has 12 MA's), (342, 1692), (391, 1770), (402, 1779), (425, 1827), (444, 1845), (487, 1914), (514, 1956), (517, 1962), (607, 2109), (611, 2118), (686, 2217), (792, 2313), (820, 2361), (827, 2373), (851, 2403), (870, 2427), (880, 2439), (893, 2454), (962, 2523), (1112, 2667), (1187, 2754), (1353, 2931), (1425, 2985),

Gene: Sultana_11 Start: 6885, Stop: 8582, Start Num: 102
Candidate Starts for Sultana_11:
(Start: 102 @6885 has 400 MA's), (Start: 124 @6909 has 46 MA's), (Start: 251 @7032 has 3 MA's), (350, 7122), (381, 7155), (467, 7254), (512, 7338), (513, 7341), (538, 7380), (581, 7449), (593, 7473), (620, 7539), (675, 7629), (774, 7794), (825, 7881), (848, 7914), (923, 7980), (981, 8052), (983, 8055), (999, 8079), (1064, 8130), (1080, 8145), (1113, 8184), (1129, 8205), (1193, 8301), (1405, 8538), (1435, 8568), (1438, 8571),

Gene: SummitAcademy_3 Start: 977, Stop: 2653, Start Num: 170
Candidate Starts for SummitAcademy_3:
(Start: 170 @977 has 103 MA's), (Start: 232 @1028 has 1 MA's), (Start: 249 @1049 has 1 MA's), (304, 1094), (Start: 330 @1136 has 14 MA's), (362, 1172), (415, 1238), (490, 1334), (509, 1370), (513, 1379), (515, 1382), (543, 1430), (550, 1442), (595, 1529), (701, 1709), (735, 1763), (807, 1886), (842, 1943), (866, 1976), (954, 2042), (987, 2108), (992, 2114), (1080, 2198), (1146, 2279), (1163, 2312), (1219, 2381), (1292, 2459), (1295, 2462), (1374, 2558), (1394, 2579), (1400, 2585), (1454, 2639), (1456, 2642),

Gene: Sumter_10 Start: 6565, Stop: 8253, Start Num: 102
Candidate Starts for Sumter_10:
(Start: 102 @6565 has 400 MA's), (381, 6829), (402, 6853), (513, 7015), (535, 7048), (581, 7123), (620, 7213), (631, 7237), (647, 7264), (679, 7312), (728, 7381), (774, 7468), (809, 7528), (1001, 7753), (1009, 7762), (1021, 7774), (1080, 7816), (1100, 7837), (1117, 7864), (1193, 7972), (1279, 8062), (1365, 8167),

Gene: Sunflower1121_6 Start: 1422, Stop: 2849, Start Num: 247
Candidate Starts for Sunflower1121_6:
(156, 1338), (Start: 247 @1422 has 171 MA's), (Start: 322 @1512 has 1 MA's), (Start: 336 @1536 has 12 MA's), (391, 1620), (402, 1629), (425, 1677), (444, 1695), (487, 1764), (505, 1803), (532, 1839), (591, 1917), (607, 1959), (611, 1968), (675, 2049), (742, 2097), (792, 2163), (816, 2205), (820, 2211), (827, 2223), (834, 2229), (851, 2253), (870, 2277), (875, 2283), (893, 2304), (962, 2373), (993, 2415), (1107, 2508), (1111, 2514), (1112, 2517), (1146, 2550), (1160, 2580), (1187, 2604), (1235, 2652), (1353, 2781), (1425, 2838), (1431, 2844),

Gene: Sunhee_11 Start: 6558, Stop: 8312, Start Num: 103
Candidate Starts for Sunhee_11:
(Start: 103 @6558 has 236 MA's), (Start: 121 @6576 has 5 MA's), (222, 6663), (234, 6678), (241, 6687), (281, 6753), (296, 6783), (298, 6786), (Start: 330 @6837 has 14 MA's), (512, 7068), (513, 7071), (581, 7182), (593, 7206), (620, 7272), (631, 7296), (675, 7362), (722, 7428), (778, 7536), (823, 7611), (920, 7713), (983, 7788), (992, 7800), (999, 7812), (1001, 7815), (1006, 7821), (1080, 7875), (1193, 8031), (1250, 8100), (1405, 8268), (1433, 8295), (1440, 8304),

Gene: SunkenRoot_8 Start: 2568, Stop: 4214, Start Num: 95
Candidate Starts for SunkenRoot_8:
(Start: 89 @2559 has 1 MA's), (Start: 95 @2568 has 98 MA's), (Start: 98 @2571 has 2 MA's), (Start: 113 @2586 has 11 MA's), (Start: 165 @2640 has 76 MA's), (Start: 207 @2664 has 6 MA's), (Start: 330 @2790 has 14 MA's), (407, 2871), (485, 2964), (490, 2979), (504, 3006), (509, 3015), (515, 3027), (575, 3114), (594, 3162), (620, 3210), (680, 3309), (704, 3348), (803, 3462), (812, 3483), (838, 3522), (983, 3672), (987, 3678), (997, 3693), (1006, 3705), (1064, 3756), (1113, 3810), (1164, 3888), (1165, 3891), (1193, 3930), (1219, 3957), (1236, 3975), (1281, 4023), (1372, 4131),

Gene: Sunny4976_8 Start: 3738, Stop: 5486, Start Num: 307
Candidate Starts for Sunny4976_8:
(Start: 295 @3720 has 6 MA's), (Start: 307 @3738 has 198 MA's), (345, 3795), (367, 3837), (516, 4134), (535, 4170), (556, 4212), (572, 4233), (599, 4302), (608, 4326), (644, 4404), (646, 4410), (709, 4518), (750, 4590), (771, 4626), (791, 4665), (805, 4689), (872, 4794), (892, 4818), (956, 4902), (981, 4950), (1053, 5016), (1058, 5022), (1076, 5040), (1120, 5103), (1123, 5106), (1149, 5142), (1244, 5277), (1249, 5286), (1252, 5295), (1273, 5310), (1290, 5334), (1299, 5346), (1336, 5394), (1370, 5436), (1372, 5439),

Gene: SunnyD_2 Start: 648, Stop: 2282, Start Num: 225
Candidate Starts for SunnyD_2:
(Start: 225 @648 has 84 MA's), (Start: 295 @738 has 6 MA's), (314, 765), (431, 912), (490, 996), (520, 1041), (561, 1086), (569, 1095), (594, 1146), (620, 1209), (643, 1257), (662, 1287), (675, 1302), (731, 1383), (954, 1671), (1328, 2115), (1369, 2163), (1464, 2271),

Gene: SunsetPointe_6 Start: 2419, Stop: 4047, Start Num: 113
Candidate Starts for SunsetPointe_6:
(Start: 95 @2401 has 98 MA's), (Start: 113 @2419 has 11 MA's), (Start: 330 @2623 has 14 MA's), (407, 2704), (504, 2839), (515, 2860), (575, 2947), (603, 3019), (620, 3043), (680, 3142), (722, 3196), (803, 3295), (838, 3355), (992, 3517), (997, 3526), (1088, 3616), (1113, 3643), (1164, 3721), (1165, 3724), (1193, 3763), (1214, 3784), (1219, 3790), (1236, 3808), (1325, 3904), (1372, 3964),

Gene: Sunshine924_10 Start: 6548, Stop: 8236, Start Num: 102
Candidate Starts for Sunshine924_10:
(Start: 102 @6548 has 400 MA's), (381, 6812), (402, 6836), (513, 6998), (535, 7031), (581, 7106), (604, 7160), (620, 7196), (631, 7220), (647, 7247), (679, 7295), (728, 7364), (774, 7451), (809, 7511), (1009, 7745), (1021, 7757), (1080, 7799), (1100, 7820), (1117, 7847), (1193, 7955), (1279, 8045),

(1365, 8150),

Gene: Supakev_2 Start: 428, Stop: 1993, Start Num: 165
Candidate Starts for Supakev_2:
(Start: 165 @428 has 76 MA's), (Start: 307 @599 has 198 MA's), (Start: 397 @692 has 4 MA's), (Start: 403 @701 has 1 MA's), (419, 734), (431, 758), (463, 782), (488, 836), (559, 947), (569, 965), (593, 1013), (595, 1019), (620, 1079), (650, 1139), (672, 1169), (790, 1268), (936, 1442), (941, 1451), (961, 1487), (964, 1493), (985, 1529), (1015, 1565), (1083, 1634), (1085, 1637), (1100, 1643), (1235, 1784), (1328, 1859), (1404, 1940), (1451, 1979),

Gene: SuperAwesome_15 Start: 7523, Stop: 9277, Start Num: 103
Candidate Starts for SuperAwesome_15:
(Start: 103 @7523 has 236 MA's), (298, 7754), (Start: 330 @7805 has 14 MA's), (362, 7841), (424, 7916), (513, 8039), (538, 8078), (581, 8147), (593, 8171), (594, 8174), (620, 8237), (631, 8261), (718, 8390), (722, 8393), (780, 8504), (914, 8666), (983, 8753), (992, 8765), (999, 8777), (1080, 8840), (1113, 8879), (1129, 8900), (1182, 8984), (1193, 8996), (1405, 9233), (1433, 9260), (1435, 9263),

Gene: SuperCallie99_15 Start: 7524, Stop: 9278, Start Num: 103
Candidate Starts for SuperCallie99_15:
(Start: 103 @7524 has 236 MA's), (298, 7755), (Start: 330 @7806 has 14 MA's), (362, 7842), (424, 7917), (513, 8040), (538, 8079), (581, 8148), (593, 8172), (594, 8175), (620, 8238), (631, 8262), (693, 8361), (696, 8364), (718, 8391), (722, 8394), (923, 8679), (992, 8766), (999, 8778), (1080, 8841), (1113, 8880), (1129, 8901), (1182, 8985), (1193, 8997), (1405, 9234), (1433, 9261), (1435, 9264),

Gene: SuperGrey_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for SuperGrey_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: SuperHands_2 Start: 640, Stop: 2394, Start Num: 122
Candidate Starts for SuperHands_2:
(Start: 122 @640 has 14 MA's), (Start: 143 @664 has 16 MA's), (477, 1006), (504, 1057), (513, 1075), (571, 1168), (595, 1225), (851, 1648), (983, 1810), (987, 1816), (1146, 1990), (1193, 2065), (1209, 2080), (1269, 2161), (1355, 2284), (1372, 2305), (1381, 2317),

Gene: SuperSulley_25 Start: 12984, Stop: 14714, Start Num: 155
Candidate Starts for SuperSulley_25:
(Start: 155 @12984 has 202 MA's), (Start: 161 @12990 has 29 MA's), (Start: 317 @13134 has 15 MA's), (351, 13185), (353, 13191), (372, 13218), (379, 13230), (Start: 403 @13260 has 1 MA's), (414, 13284), (424, 13302), (621, 13695), (635, 13722), (740, 13890), (748, 13902), (768, 13935), (824, 14013), (1034, 14229), (1054, 14259), (1104, 14310), (1136, 14358), (1196, 14433), (1203, 14445), (1237, 14481), (1365, 14619), (1387, 14649),

Gene: Superchunk_11 Start: 6158, Stop: 7942, Start Num: 103
Candidate Starts for Superchunk_11:

(Start: 103 @6158 has 236 MA's), (298, 6389), (362, 6476), (490, 6629), (512, 6671), (513, 6674), (581, 6785), (593, 6809), (594, 6812), (620, 6875), (631, 6899), (722, 7031), (1006, 7451), (1113, 7544), (1129, 7565), (1182, 7649), (1193, 7661), (1295, 7769), (1405, 7898), (1433, 7925), (1435, 7928),

Gene: Supernova_2 Start: 373, Stop: 1884, Start Num: 228
Candidate Starts for Supernova_2:
(Start: 228 @373 has 40 MA's), (Start: 262 @412 has 67 MA's), (274, 430), (Start: 297 @457 has 6 MA's), (314, 475), (Start: 333 @502 has 4 MA's), (334, 505), (353, 523), (Start: 393 @553 has 3 MA's), (Start: 400 @562 has 2 MA's), (419, 598), (424, 607), (426, 613), (465, 646), (474, 664), (485, 688), (487, 694), (506, 733), (512, 742), (513, 745), (533, 784), (535, 787), (572, 856), (591, 901), (593, 904), (602, 925), (607, 940), (611, 949), (618, 961), (641, 1000), (653, 1021), (664, 1036), (667, 1039), (669, 1042), (681, 1063), (745, 1129), (763, 1150), (785, 1186), (797, 1201), (809, 1222), (855, 1288), (922, 1321), (949, 1339), (973, 1393), (1054, 1471), (1062, 1480), (1075, 1492), (1079, 1498), (1112, 1525), (1130, 1546), (1131, 1549), (1134, 1552), (1143, 1564), (1160, 1594), (1170, 1597), (1184, 1615), (1190, 1621), (1206, 1642), (1224, 1663), (1278, 1699), (1280, 1702), (1290, 1714), (1299, 1726), (1366, 1792), (1373, 1801), (1378, 1807), (1394, 1828), (1433, 1870), (1443, 1876),

Gene: Superphikiman_10 Start: 3708, Stop: 5240, Start Num: 233
Candidate Starts for Superphikiman_10:
(Start: 198 @3666 has 4 MA's), (Start: 205 @3675 has 1 MA's), (Start: 233 @3708 has 12 MA's), (331, 3822), (380, 3885), (Start: 403 @3918 has 1 MA's), (426, 3966), (484, 4041), (500, 4077), (566, 4152), (568, 4155), (583, 4191), (599, 4224), (766, 4473), (808, 4536), (822, 4563), (960, 4722), (975, 4758), (1005, 4788), (1015, 4797), (1082, 4851), (1112, 4875), (1349, 5109), (1358, 5121),

Gene: Superstar_8 Start: 3315, Stop: 4961, Start Num: 95
Candidate Starts for Superstar_8:
(Start: 95 @3315 has 98 MA's), (381, 3585), (411, 3627), (485, 3711), (504, 3753), (515, 3774), (575, 3861), (603, 3933), (620, 3957), (680, 4056), (701, 4092), (722, 4110), (812, 4230), (813, 4233), (838, 4269), (997, 4440), (1006, 4452), (1113, 4557), (1165, 4638), (1193, 4677), (1214, 4698), (1236, 4722), (1372, 4878),

Gene: Suppi_5 Start: 3104, Stop: 4672, Start Num: 165
Candidate Starts for Suppi_5:
(Start: 165 @3104 has 76 MA's), (314, 3290), (334, 3320), (Start: 397 @3371 has 4 MA's), (405, 3383), (419, 3413), (426, 3428), (463, 3461), (518, 3563), (569, 3644), (593, 3692), (620, 3758), (643, 3806), (648, 3815), (652, 3821), (753, 3890), (770, 3917), (790, 3947), (813, 3986), (961, 4166), (1009, 4238), (1046, 4274), (1133, 4370), (1212, 4436), (1264, 4466), (1274, 4472), (1328, 4538), (1451, 4658),

Gene: Survivors_6 Start: 1843, Stop: 3543, Start Num: 170
Candidate Starts for Survivors_6:
(Start: 170 @1843 has 103 MA's), (214, 1873), (Start: 249 @1915 has 1 MA's), (362, 2053), (408, 2101), (425, 2131), (467, 2164), (485, 2200), (490, 2215), (496, 2230), (513, 2260), (543, 2311), (595, 2410), (603, 2431), (645, 2500), (675, 2542), (692, 2572), (780, 2719), (808, 2770), (848, 2833), (866, 2857), (953, 2923), (969, 2956), (979, 2980), (981, 2983), (987, 2992), (1001, 3013), (1025, 3040), (1080, 3085), (1088, 3097), (1098, 3103), (1113, 3124), (1142, 3163), (1214, 3262), (1247, 3298), (1330, 3385), (1394, 3466), (1400, 3472), (1454, 3529), (1456, 3532),

Gene: Suscepit_2 Start: 498, Stop: 2222, Start Num: 305
Candidate Starts for Suscepit_2:
(Start: 295 @483 has 6 MA's), (Start: 305 @498 has 33 MA's), (373, 588), (510, 828), (513, 834), (526, 858), (555, 915), (590, 987), (696, 1185), (728, 1227), (732, 1233), (782, 1317), (807, 1344), (885, 1455), (908, 1482), (1013, 1659), (1191, 1932), (1194, 1935), (1197, 1941), (1212, 1962), (1245,

2001), (1281, 2049), (1289, 2058), (1307, 2082), (1332, 2100), (1374, 2157), (1439, 2214),

Gene: SushiChef_2 Start: 498, Stop: 2222, Start Num: 305
Candidate Starts for SushiChef_2:
(Start: 295 @483 has 6 MA's), (Start: 305 @498 has 33 MA's), (373, 588), (499, 804), (510, 828), (513, 834), (526, 858), (555, 915), (590, 987), (696, 1185), (728, 1227), (732, 1233), (782, 1317), (807, 1344), (885, 1455), (908, 1482), (1013, 1659), (1191, 1932), (1194, 1935), (1197, 1941), (1212, 1962), (1245, 2001), (1281, 2049), (1289, 2058), (1307, 2082), (1332, 2100), (1374, 2157), (1439, 2214),

Gene: SwagPigglett_2 Start: 573, Stop: 2210, Start Num: 155
Candidate Starts for SwagPigglett_2:
(Start: 155 @573 has 202 MA's), (163, 582), (Start: 176 @597 has 3 MA's), (Start: 204 @618 has 1 MA's), (Start: 247 @654 has 171 MA's), (Start: 250 @657 has 144 MA's), (261, 675), (Start: 318 @720 has 1 MA's), (353, 759), (412, 846), (454, 906), (484, 930), (487, 939), (488, 942), (496, 963), (508, 984), (516, 999), (548, 1056), (575, 1095), (602, 1164), (604, 1170), (621, 1200), (622, 1203), (627, 1212), (635, 1227), (647, 1245), (680, 1296), (736, 1389), (740, 1398), (862, 1569), (874, 1581), (983, 1665), (1005, 1695), (1007, 1698), (1010, 1701), (1080, 1758), (1097, 1773), (1101, 1779), (1104, 1782), (1113, 1797), (1117, 1806), (1149, 1845), (1164, 1875), (1190, 1905), (1196, 1914), (1225, 1947), (1250, 1980), (1265, 2007), (1297, 2040), (1325, 2070), (1349, 2091), (1365, 2115), (1372, 2124), (1374, 2127), (1429, 2184),

Gene: Swann_8 Start: 3156, Stop: 4838, Start Num: 107
Candidate Starts for Swann_8:
(Start: 107 @3156 has 35 MA's), (Start: 309 @3342 has 15 MA's), (362, 3414), (381, 3426), (402, 3450), (408, 3462), (513, 3615), (523, 3630), (567, 3690), (620, 3798), (647, 3855), (770, 4053), (780, 4071), (812, 4125), (956, 4269), (981, 4308), (983, 4311), (1006, 4344), (1088, 4413), (1193, 4557), (1236, 4602), (1292, 4662), (1372, 4761), (1405, 4794), (1433, 4821), (1435, 4824), (1438, 4827),

Gene: SweatNTears_6 Start: 1637, Stop: 3316, Start Num: 170
Candidate Starts for SweatNTears_6:
(Start: 170 @1637 has 103 MA's), (Start: 232 @1688 has 1 MA's), (Start: 249 @1709 has 1 MA's), (300, 1748), (362, 1835), (407, 1880), (415, 1901), (424, 1910), (485, 1982), (509, 2033), (513, 2042), (543, 2093), (595, 2192), (645, 2282), (735, 2426), (760, 2462), (780, 2501), (798, 2534), (825, 2582), (866, 2639), (921, 2672), (954, 2705), (987, 2771), (992, 2777), (1062, 2843), (1076, 2855), (1146, 2942), (1214, 3038), (1269, 3086), (1330, 3161), (1394, 3242), (1454, 3302), (1456, 3305),

Gene: SweetCrkHerbs_15 Start: 7689, Stop: 9434, Start Num: 307
Candidate Starts for SweetCrkHerbs_15:
(Start: 307 @7689 has 198 MA's), (310, 7695), (363, 7782), (367, 7788), (387, 7824), (417, 7878), (467, 7974), (556, 8163), (570, 8181), (572, 8184), (599, 8253), (644, 8355), (666, 8391), (680, 8412), (693, 8436), (750, 8541), (785, 8607), (805, 8640), (808, 8646), (823, 8676), (837, 8697), (892, 8769), (1053, 8964), (1104, 9021), (1111, 9030), (1120, 9051), (1123, 9054), (1160, 9114), (1274, 9261), (1290, 9282), (1299, 9294), (1334, 9339), (1370, 9384), (1372, 9387),

Gene: Sweetclover_13 Start: 7366, Stop: 9132, Start Num: 305
Candidate Starts for Sweetclover_13:
(236, 7252), (Start: 305 @7366 has 33 MA's), (Start: 309 @7372 has 15 MA's), (310, 7375), (367, 7468), (489, 7708), (505, 7744), (516, 7768), (533, 7801), (556, 7846), (572, 7867), (608, 7960), (644, 8038), (680, 8095), (722, 8164), (750, 8224), (779, 8275), (805, 8323), (841, 8386), (847, 8395), (892, 8452), (950, 8536), (956, 8548), (1071, 8680), (1107, 8722), (1111, 8728), (1120, 8749), (1123, 8752), (1190, 8845), (1290, 8980), (1299, 8992), (1336, 9040), (1363, 9073), (1372, 9085),

Gene: SweetiePie_12 Start: 7386, Stop: 9173, Start Num: 103

Candidate Starts for SweetiePie_12:
(Start: 103 @7386 has 236 MA's), (Start: 217 @7494 has 1 MA's), (234, 7515), (298, 7623), (338, 7683), (424, 7785), (512, 7905), (513, 7908), (581, 8016), (620, 8106), (631, 8130), (704, 8247), (722, 8262), (916, 8562), (1088, 8748), (1113, 8775), (1129, 8796), (1193, 8892), (1405, 9129), (1433, 9156), (1435, 9159),

Gene: Sweets_2 Start: 458, Stop: 1891, Start Num: 273
Candidate Starts for Sweets_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Swenson_4 Start: 923, Stop: 2413, Start Num: 202
Candidate Starts for Swenson_4:
(Start: 202 @923 has 39 MA's), (245, 968), (Start: 318 @1070 has 1 MA's), (Start: 336 @1097 has 12 MA's), (Start: 397 @1148 has 4 MA's), (405, 1160), (419, 1190), (425, 1202), (434, 1217), (485, 1283), (513, 1328), (577, 1415), (585, 1439), (586, 1442), (588, 1445), (607, 1490), (620, 1514), (631, 1523), (677, 1589), (725, 1652), (745, 1664), (776, 1706), (789, 1724), (827, 1784), (886, 1841), (902, 1853), (922, 1877), (946, 1895), (987, 1973), (1047, 2027), (1112, 2081), (1121, 2093), (1127, 2102), (1201, 2177), (1206, 2186), (1228, 2213), (1299, 2270), (1346, 2324), (1406, 2396),

Gene: Swervy_3 Start: 676, Stop: 2304, Start Num: 225
Candidate Starts for Swervy_3:
(Start: 225 @676 has 84 MA's), (339, 832), (431, 940), (490, 1024), (503, 1048), (569, 1123), (594, 1174), (595, 1177), (620, 1237), (628, 1255), (643, 1285), (662, 1315), (1003, 1771), (1020, 1786), (1328, 2137), (1464, 2293),

Gene: SwirlSquare_13 Start: 6290, Stop: 8074, Start Num: 103
Candidate Starts for SwirlSquare_13:
(Start: 103 @6290 has 236 MA's), (298, 6521), (362, 6608), (490, 6761), (512, 6803), (513, 6806), (581, 6917), (620, 7007), (631, 7031), (722, 7163), (728, 7175), (1113, 7676), (1129, 7697), (1182, 7781), (1193, 7793), (1295, 7901), (1405, 8030), (1433, 8057), (1435, 8060),

Gene: Swirley_9 Start: 6131, Stop: 7909, Start Num: 54
Candidate Starts for Swirley_9:
(Start: 54 @6131 has 19 MA's), (Start: 67 @6158 has 32 MA's), (Start: 115 @6227 has 1 MA's), (Start: 237 @6341 has 1 MA's), (241, 6347), (362, 6479), (424, 6554), (425, 6557), (467, 6590), (487, 6623), (551, 6731), (567, 6755), (581, 6788), (620, 6863), (641, 6908), (690, 6986), (693, 6992), (728, 7037), (793, 7157), (812, 7190), (825, 7211), (983, 7385), (999, 7409), (1001, 7412), (1080, 7472), (1088, 7484), (1113, 7511), (1129, 7532), (1182, 7616), (1193, 7628), (1405, 7865), (1438, 7898), (1443, 7904),

Gene: SwissCheese_11 Start: 7010, Stop: 8698, Start Num: 102
Candidate Starts for SwissCheese_11:
(Start: 102 @7010 has 400 MA's), (Start: 309 @7190 has 15 MA's), (381, 7274), (408, 7310), (513, 7460), (581, 7568), (620, 7658), (631, 7682), (679, 7757), (728, 7826), (774, 7913), (809, 7973), (1009, 8207), (1021, 8219), (1080, 8261), (1100, 8282), (1117, 8309), (1193, 8417), (1279, 8507), (1365, 8612),

Gene: Switzer_12 Start: 6933, Stop: 8621, Start Num: 102

Candidate Starts for Switzer_12:
(Start: 102 @6933 has 400 MA's), (381, 7197), (402, 7221), (499, 7356), (513, 7383), (535, 7416), (581, 7491), (620, 7581), (631, 7605), (647, 7632), (679, 7680), (728, 7749), (774, 7836), (808, 7893), (809, 7896), (1001, 8121), (1009, 8130), (1021, 8142), (1080, 8184), (1100, 8205), (1117, 8232), (1193, 8340), (1279, 8430), (1365, 8535),

Gene: Switzerland_14 Start: 6808, Stop: 8505, Start Num: 103
Candidate Starts for Switzerland_14:
(Start: 103 @6808 has 236 MA's), (120, 6826), (302, 6988), (424, 7144), (487, 7213), (513, 7267), (581, 7375), (594, 7402), (620, 7465), (631, 7489), (999, 8005), (1080, 8068), (1115, 8110), (1193, 8224), (1292, 8329), (1405, 8461), (1433, 8488), (1435, 8491), (1438, 8494),

Gene: Swole_13 Start: 7479, Stop: 9167, Start Num: 102
Candidate Starts for Swole_13:
(Start: 102 @7479 has 400 MA's), (Start: 309 @7659 has 15 MA's), (381, 7743), (408, 7779), (424, 7806), (513, 7929), (581, 8037), (620, 8127), (631, 8151), (647, 8178), (679, 8226), (774, 8382), (809, 8442), (1009, 8676), (1021, 8688), (1080, 8730), (1100, 8751), (1117, 8778), (1193, 8886), (1279, 8976), (1365, 9081),

Gene: SydNat_9 Start: 6265, Stop: 8016, Start Num: 67
Candidate Starts for SydNat_9:
(Start: 54 @6238 has 19 MA's), (Start: 67 @6265 has 32 MA's), (Start: 115 @6334 has 1 MA's), (147, 6373), (Start: 237 @6448 has 1 MA's), (241, 6454), (362, 6586), (424, 6661), (425, 6664), (487, 6730), (551, 6838), (567, 6862), (620, 6970), (641, 7015), (690, 7093), (693, 7099), (696, 7102), (793, 7264), (798, 7270), (812, 7297), (983, 7492), (999, 7516), (1080, 7579), (1088, 7591), (1113, 7618), (1129, 7639), (1163, 7693), (1182, 7723), (1193, 7735), (1405, 7972), (1438, 8005), (1443, 8011),

Gene: Syleon_13 Start: 5040, Stop: 6515, Start Num: 230
Candidate Starts for Syleon_13:
(Start: 230 @5040 has 31 MA's), (342, 5187), (396, 5226), (405, 5238), (485, 5361), (487, 5367), (537, 5448), (566, 5502), (568, 5505), (595, 5562), (611, 5604), (618, 5616), (637, 5640), (651, 5664), (690, 5706), (832, 5886), (876, 5928), (956, 6009), (977, 6054), (997, 6078), (1047, 6123), (1116, 6183), (1174, 6246), (1178, 6252), (1256, 6324), (1278, 6342), (1293, 6360), (1387, 6459), (1403, 6477), (1431, 6507),

Gene: Synepsis_6 Start: 3714, Stop: 5453, Start Num: 307
Candidate Starts for Synepsis_6:
(Start: 307 @3714 has 198 MA's), (367, 3813), (433, 3933), (485, 4032), (502, 4074), (516, 4104), (532, 4134), (556, 4182), (572, 4203), (611, 4305), (644, 4374), (656, 4398), (750, 4560), (791, 4635), (805, 4659), (892, 4788), (956, 4869), (1053, 4983), (1071, 5001), (1076, 5007), (1120, 5070), (1123, 5073), (1252, 5262), (1273, 5277), (1276, 5283), (1290, 5301), (1299, 5313), (1370, 5403), (1372, 5406),

Gene: Syra333_7 Start: 1527, Stop: 2954, Start Num: 247
Candidate Starts for Syra333_7:
(Start: 247 @1527 has 171 MA's), (Start: 322 @1617 has 1 MA's), (Start: 336 @1641 has 12 MA's), (342, 1647), (391, 1725), (402, 1734), (425, 1782), (444, 1800), (487, 1869), (505, 1908), (532, 1944), (533, 1947), (591, 2022), (607, 2064), (611, 2073), (675, 2154), (742, 2202), (792, 2268), (816, 2310), (820, 2316), (827, 2328), (834, 2334), (851, 2358), (875, 2388), (893, 2409), (962, 2478), (993, 2520), (1107, 2613), (1112, 2622), (1146, 2655), (1160, 2685), (1187, 2709), (1235, 2757), (1353, 2886), (1425, 2943), (1431, 2949),

Gene: TBond007_7 Start: 1226, Stop: 2662, Start Num: 230

Candidate Starts for TBond007_7:
(Start: 230 @1226 has 31 MA's), (Start: 247 @1238 has 171 MA's), (Start: 322 @1325 has 1 MA's), (Start: 336 @1349 has 12 MA's), (391, 1433), (402, 1442), (444, 1508), (463, 1526), (487, 1577), (514, 1619), (517, 1625), (532, 1652), (607, 1772), (611, 1781), (675, 1862), (686, 1880), (792, 1976), (820, 2024), (827, 2036), (851, 2066), (870, 2090), (880, 2102), (962, 2186), (992, 2228), (1002, 2240), (1111, 2327), (1112, 2330), (1150, 2372), (1157, 2387), (1160, 2393), (1184, 2414), (1187, 2417), (1353, 2594), (1431, 2657),

Gene: TBrady12_10 Start: 2509, Stop: 4179, Start Num: 394
Candidate Starts for TBrady12_10:
(Start: 394 @2509 has 48 MA's), (427, 2572), (551, 2806), (598, 2908), (693, 3088), (710, 3112), (724, 3130), (732, 3142), (768, 3205), (776, 3217), (808, 3262), (815, 3277), (873, 3355), (911, 3400), (934, 3454), (935, 3460), (1000, 3574), (1037, 3622), (1104, 3718), (1116, 3739), (1124, 3754), (1218, 3907), (1232, 3919), (1279, 3976), (1307, 4012), (1346, 4063), (1372, 4099), (1374, 4102), (1438, 4168),

Gene: TChen_2 Start: 458, Stop: 2236, Start Num: 87
Candidate Starts for TChen_2:
(Start: 87 @458 has 22 MA's), (Start: 131 @509 has 1 MA's), (147, 530), (Start: 175 @560 has 2 MA's), (183, 566), (Start: 198 @581 has 4 MA's), (257, 632), (Start: 322 @695 has 1 MA's), (Start: 330 @707 has 14 MA's), (362, 743), (408, 791), (414, 806), (424, 818), (426, 824), (484, 881), (485, 884), (487, 890), (492, 905), (502, 923), (504, 926), (513, 944), (595, 1085), (602, 1103), (620, 1130), (631, 1154), (645, 1187), (696, 1265), (748, 1355), (756, 1364), (765, 1379), (812, 1421), (813, 1424), (842, 1466), (848, 1475), (866, 1499), (927, 1541), (929, 1544), (956, 1568), (981, 1607), (983, 1610), (993, 1625), (1006, 1643), (1009, 1646), (1091, 1727), (1102, 1742), (1105, 1745), (1113, 1757), (1139, 1796), (1163, 1847), (1165, 1853), (1182, 1889), (1193, 1901), (1211, 1925), (1234, 1952), (1240, 1961), (1241, 1964), (1281, 2036), (1325, 2084), (1332, 2090), (1355, 2123), (1360, 2129), (1365, 2135), (1370, 2141), (1372, 2144), (1381, 2156), (1402, 2174), (1421, 2195), (1437, 2213), (1448, 2225),

Gene: TClif_7 Start: 1462, Stop: 2889, Start Num: 247
Candidate Starts for TClif_7:
(156, 1378), (Start: 230 @1450 has 31 MA's), (Start: 247 @1462 has 171 MA's), (Start: 322 @1552 has 1 MA's), (Start: 336 @1576 has 12 MA's), (391, 1660), (402, 1669), (425, 1717), (444, 1735), (463, 1753), (487, 1804), (505, 1843), (517, 1852), (532, 1879), (591, 1957), (607, 1999), (611, 2008), (675, 2089), (742, 2137), (792, 2203), (816, 2245), (820, 2251), (851, 2293), (893, 2344), (962, 2413), (993, 2455), (1042, 2485), (1111, 2554), (1112, 2557), (1146, 2590), (1150, 2599), (1187, 2644), (1235, 2692), (1353, 2821), (1425, 2878), (1431, 2884),

Gene: TDanisky_2 Start: 588, Stop: 2225, Start Num: 155
Candidate Starts for TDanisky_2:
(Start: 155 @588 has 202 MA's), (168, 603), (Start: 176 @612 has 3 MA's), (182, 618), (Start: 217 @645 has 1 MA's), (Start: 247 @669 has 171 MA's), (Start: 250 @672 has 144 MA's), (Start: 318 @735 has 1 MA's), (Start: 330 @753 has 14 MA's), (353, 774), (412, 861), (414, 867), (454, 921), (473, 933), (484, 945), (487, 954), (488, 957), (496, 978), (508, 999), (548, 1071), (575, 1110), (602, 1179), (604, 1185), (621, 1215), (622, 1218), (627, 1227), (635, 1242), (647, 1260), (680, 1311), (740, 1413), (862, 1584), (874, 1596), (983, 1680), (1005, 1710), (1007, 1713), (1010, 1716), (1080, 1773), (1097, 1788), (1101, 1794), (1104, 1797), (1113, 1812), (1117, 1821), (1164, 1890), (1190, 1920), (1196, 1929), (1225, 1962), (1250, 1995), (1265, 2022), (1297, 2055), (1320, 2082), (1325, 2085), (1349, 2106), (1365, 2130), (1372, 2139), (1374, 2142), (1429, 2199),

Gene: TG1_2 Start: 587, Stop: 2161, Start Num: 393
Candidate Starts for TG1_2:

(Start: 393 @587 has 3 MA's), (479, 734), (526, 824), (551, 872), (556, 884), (589, 953), (598, 977), (609, 1007), (623, 1028), (643, 1061), (728, 1190), (732, 1196), (848, 1355), (926, 1466), (940, 1499), (980, 1553), (982, 1556), (1035, 1625), (1075, 1682), (1164, 1835), (1178, 1856), (1231, 1919), (1300, 2006), (1305, 2012), (1319, 2024), (1325, 2036), (1332, 2039), (1385, 2111),

Gene: TM4_4 Start: 664, Stop: 2088, Start Num: 247
Candidate Starts for TM4_4:
(156, 586), (Start: 165 @598 has 76 MA's), (Start: 176 @607 has 3 MA's), (Start: 247 @664 has 171 MA's), (310, 727), (Start: 322 @748 has 1 MA's), (Start: 336 @769 has 12 MA's), (391, 853), (402, 862), (425, 910), (463, 946), (487, 997), (514, 1039), (517, 1045), (532, 1072), (607, 1192), (611, 1201), (613, 1204), (675, 1282), (679, 1291), (680, 1294), (792, 1396), (820, 1444), (827, 1456), (851, 1486), (870, 1510), (882, 1525), (962, 1603), (992, 1645), (1042, 1675), (1111, 1744), (1129, 1759), (1160, 1810), (1187, 1834), (1235, 1882), (1348, 2005), (1353, 2011), (1425, 2077), (1431, 2083),

Gene: TMaxx_4 Start: 1204, Stop: 2733, Start Num: 208
Candidate Starts for TMaxx_4:
(Start: 208 @1204 has 5 MA's), (259, 1249), (Start: 297 @1288 has 6 MA's), (495, 1558), (611, 1789), (618, 1801), (650, 1858), (729, 1978), (750, 2014), (765, 2035), (808, 2101), (810, 2107), (972, 2302), (1082, 2398), (1228, 2533),

Gene: TNguyen7_11 Start: 6466, Stop: 8163, Start Num: 102
Candidate Starts for TNguyen7_11:
(Start: 102 @6466 has 400 MA's), (Start: 124 @6490 has 46 MA's), (168, 6538), (381, 6736), (424, 6799), (508, 6910), (513, 6922), (538, 6961), (550, 6973), (581, 7030), (593, 7054), (620, 7120), (623, 7129), (675, 7210), (690, 7237), (774, 7375), (825, 7462), (848, 7495), (923, 7561), (983, 7636), (999, 7660), (1001, 7663), (1006, 7669), (1015, 7678), (1064, 7711), (1080, 7726), (1129, 7786), (1193, 7882), (1236, 7927), (1241, 7936), (1374, 8089), (1405, 8119), (1435, 8149), (1438, 8152),

Gene: TPA4_2 Start: 526, Stop: 2238, Start Num: 125
Candidate Starts for TPA4_2:
(68, 451), (Start: 85 @475 has 2 MA's), (106, 505), (125, 526), (Start: 143 @550 has 16 MA's), (186, 595), (257, 658), (354, 757), (362, 772), (430, 856), (469, 889), (475, 898), (513, 970), (569, 1048), (573, 1054), (602, 1126), (623, 1162), (650, 1219), (667, 1243), (956, 1585), (992, 1639), (1006, 1660), (1015, 1669), (1088, 1738), (1102, 1765), (1105, 1768), (1165, 1876), (1182, 1909), (1193, 1921), (1287, 2044), (1365, 2137), (1370, 2143), (1448, 2227),

Gene: TWAMP_8 Start: 3156, Stop: 4838, Start Num: 107
Candidate Starts for TWAMP_8:
(Start: 107 @3156 has 35 MA's), (Start: 309 @3342 has 15 MA's), (362, 3414), (381, 3426), (402, 3450), (408, 3462), (513, 3615), (523, 3630), (567, 3690), (620, 3798), (647, 3855), (770, 4053), (780, 4071), (812, 4125), (956, 4269), (981, 4308), (983, 4311), (1006, 4344), (1088, 4413), (1193, 4557), (1236, 4602), (1292, 4662), (1372, 4761), (1405, 4794), (1433, 4821), (1435, 4824), (1438, 4827),

Gene: TZGordon_9 Start: 3612, Stop: 5219, Start Num: 207
Candidate Starts for TZGordon_9:
(Start: 133 @3534 has 3 MA's), (Start: 207 @3612 has 6 MA's), (402, 3840), (422, 3882), (463, 3924), (474, 3945), (484, 3966), (569, 4104), (595, 4158), (631, 4242), (632, 4245), (634, 4248), (650, 4278), (838, 4485), (941, 4608), (991, 4695), (1004, 4710), (1020, 4725), (1081, 4788), (1133, 4848), (1139, 4857), (1163, 4899), (1219, 4974), (1221, 4977), (1274, 5010), (1328, 5076), (1371, 5127), (1453, 5205), (1459, 5211),

Gene: Tachez_8 Start: 1556, Stop: 2980, Start Num: 247
Candidate Starts for Tachez_8:

(Start: 165 @1484 has 76 MA's), (Start: 230 @1544 has 31 MA's), (Start: 247 @1556 has 171 MA's), (Start: 336 @1667 has 12 MA's), (342, 1673), (391, 1751), (402, 1760), (425, 1808), (444, 1826), (487, 1895), (514, 1937), (517, 1943), (532, 1970), (533, 1973), (607, 2090), (611, 2099), (675, 2180), (792, 2294), (820, 2342), (827, 2354), (851, 2384), (870, 2408), (880, 2420), (959, 2498), (962, 2504), (1112, 2651), (1146, 2684), (1187, 2738), (1353, 2915), (1425, 2969),

Gene: TagePhighter_7 Start: 2376, Stop: 4022, Start Num: 95
Candidate Starts for TagePhighter_7:
(Start: 95 @2376 has 98 MA's), (Start: 113 @2394 has 11 MA's), (Start: 251 @2526 has 3 MA's), (Start: 330 @2598 has 14 MA's), (362, 2634), (504, 2814), (515, 2835), (548, 2880), (575, 2922), (603, 2994), (620, 3018), (680, 3117), (690, 3132), (704, 3156), (712, 3162), (838, 3330), (903, 3390), (983, 3480), (997, 3501), (1088, 3591), (1165, 3699), (1193, 3738), (1214, 3759), (1219, 3765), (1236, 3783), (1372, 3939), (1445, 4017),

Gene: Taheera_2 Start: 459, Stop: 1895, Start Num: 262
Candidate Starts for Taheera_2:
(101, 291), (Start: 161 @363 has 29 MA's), (Start: 262 @459 has 67 MA's), (Start: 273 @462 has 4 MA's), (Start: 299 @498 has 5 MA's), (Start: 322 @537 has 1 MA's), (425, 699), (487, 786), (490, 795), (498, 810), (505, 825), (607, 981), (618, 1002), (636, 1023), (675, 1071), (679, 1080), (820, 1233), (842, 1263), (865, 1293), (962, 1389), (1109, 1533), (1147, 1575), (1172, 1608), (1187, 1626), (1205, 1647), (1259, 1692), (1277, 1710), (1280, 1713), (1353, 1806),

Gene: TaidaOne_8 Start: 3146, Stop: 4891, Start Num: 307
Candidate Starts for TaidaOne_8:
(Start: 307 @3146 has 198 MA's), (342, 3200), (345, 3203), (363, 3239), (367, 3245), (488, 3479), (535, 3578), (556, 3620), (572, 3641), (589, 3683), (594, 3695), (637, 3794), (644, 3812), (666, 3848), (791, 4073), (805, 4097), (808, 4103), (892, 4226), (950, 4295), (1050, 4412), (1052, 4418), (1071, 4439), (1120, 4508), (1123, 4511), (1156, 4562), (1223, 4649), (1273, 4715), (1290, 4739), (1299, 4751), (1315, 4769), (1370, 4841), (1372, 4844),

Gene: TailX7_2 Start: 351, Stop: 1808, Start Num: 185
Candidate Starts for TailX7_2:
(Start: 185 @351 has 14 MA's), (194, 360), (199, 366), (487, 699), (583, 849), (607, 903), (647, 966), (826, 1191), (878, 1239), (922, 1287), (971, 1350), (975, 1359), (1078, 1461), (1184, 1569), (1195, 1581), (1286, 1662), (1364, 1755), (1371, 1764), (1397, 1797),

Gene: Tailonex_9 Start: 6694, Stop: 8352, Start Num: 128
Candidate Starts for Tailonex_9:
(Start: 128 @6694 has 7 MA's), (Start: 251 @6814 has 3 MA's), (302, 6853), (381, 6946), (567, 7204), (575, 7216), (579, 7231), (595, 7267), (620, 7312), (631, 7336), (647, 7369), (722, 7474), (778, 7582), (798, 7612), (910, 7741), (1146, 7996), (1193, 8071), (1402, 8305),

Gene: Tairn4Wing_15 Start: 7494, Stop: 9239, Start Num: 307
Candidate Starts for Tairn4Wing_15:
(Start: 307 @7494 has 198 MA's), (310, 7500), (367, 7593), (387, 7629), (417, 7683), (467, 7779), (556, 7968), (570, 7986), (572, 7989), (599, 8058), (644, 8160), (666, 8196), (680, 8217), (693, 8241), (728, 8298), (750, 8346), (785, 8412), (805, 8445), (808, 8451), (823, 8481), (837, 8502), (892, 8574), (1053, 8769), (1111, 8835), (1120, 8856), (1123, 8859), (1160, 8919), (1244, 9030), (1274, 9066), (1290, 9087), (1299, 9099), (1334, 9144), (1336, 9147), (1370, 9189), (1372, 9192),

Gene: TaiwanKao_8 Start: 1562, Stop: 2986, Start Num: 247
Candidate Starts for TaiwanKao_8:

(Start: 165 @1490 has 76 MA's), (Start: 230 @1550 has 31 MA's), (Start: 247 @1562 has 171 MA's), (Start: 336 @1673 has 12 MA's), (342, 1679), (391, 1757), (402, 1766), (425, 1814), (444, 1832), (487, 1901), (514, 1943), (517, 1949), (532, 1976), (533, 1979), (607, 2096), (611, 2105), (675, 2186), (792, 2300), (820, 2348), (827, 2360), (851, 2390), (870, 2414), (880, 2426), (962, 2510), (1112, 2657), (1146, 2690), (1187, 2744), (1353, 2921), (1425, 2975),

Gene: Taj_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Taj_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: Taj14_4 Start: 778, Stop: 2268, Start Num: 202
Candidate Starts for Taj14_4:
(Start: 202 @778 has 39 MA's), (245, 823), (Start: 318 @925 has 1 MA's), (Start: 336 @952 has 12 MA's), (Start: 397 @1003 has 4 MA's), (405, 1015), (419, 1045), (425, 1057), (434, 1072), (485, 1138), (513, 1183), (577, 1270), (585, 1294), (586, 1297), (588, 1300), (607, 1345), (620, 1369), (631, 1378), (725, 1507), (745, 1519), (789, 1579), (827, 1639), (886, 1696), (902, 1708), (946, 1750), (987, 1828), (1047, 1882), (1121, 1948), (1127, 1957), (1154, 1987), (1201, 2032), (1206, 2041), (1228, 2068), (1299, 2125), (1346, 2179), (1406, 2251),

Gene: Takoda_8 Start: 3148, Stop: 4830, Start Num: 107
Candidate Starts for Takoda_8:
(Start: 107 @3148 has 35 MA's), (Start: 309 @3334 has 15 MA's), (362, 3406), (381, 3418), (402, 3442), (408, 3454), (523, 3622), (567, 3682), (620, 3790), (770, 4045), (812, 4117), (813, 4120), (956, 4261), (983, 4303), (1006, 4336), (1080, 4393), (1088, 4405), (1193, 4549), (1236, 4594), (1292, 4654), (1372, 4753), (1405, 4786), (1433, 4813), (1435, 4816), (1438, 4819),

Gene: Tallboi_2 Start: 534, Stop: 2240, Start Num: 124
Candidate Starts for Tallboi_2:
(Start: 124 @534 has 46 MA's), (486, 906), (513, 963), (525, 984), (546, 1011), (595, 1101), (623, 1155), (645, 1200), (693, 1275), (851, 1488), (881, 1527), (983, 1650), (1193, 1905), (1209, 1920), (1292, 2055), (1325, 2091), (1372, 2151), (1381, 2163),

Gene: Talon44_14 Start: 7689, Stop: 9434, Start Num: 307
Candidate Starts for Talon44_14:
(Start: 307 @7689 has 198 MA's), (310, 7695), (363, 7782), (367, 7788), (387, 7824), (417, 7878), (467, 7974), (556, 8163), (570, 8181), (572, 8184), (599, 8253), (644, 8355), (666, 8391), (680, 8412), (693, 8436), (750, 8541), (785, 8607), (805, 8640), (808, 8646), (823, 8676), (837, 8697), (892, 8769), (1053, 8964), (1104, 9021), (1111, 9030), (1120, 9051), (1123, 9054), (1160, 9114), (1274, 9261), (1290, 9282), (1299, 9294), (1334, 9339), (1370, 9384), (1372, 9387),

Gene: Tanis_13 Start: 7063, Stop: 8808, Start Num: 307
Candidate Starts for Tanis_13:
(Start: 307 @7063 has 198 MA's), (310, 7069), (363, 7156), (367, 7162), (387, 7198), (417, 7252), (556, 7537), (570, 7555), (572, 7558), (599, 7627), (644, 7729), (666, 7765), (680, 7786), (693, 7810), (728, 7867), (750, 7915), (785, 7981), (805, 8014), (808, 8020), (823, 8050), (837, 8071), (892, 8143),

(1053, 8338), (1111, 8404), (1120, 8425), (1123, 8428), (1160, 8488), (1244, 8599), (1274, 8635), (1290, 8656), (1299, 8668), (1370, 8758), (1372, 8761),

Gene: Tapioca_2 Start: 504, Stop: 2036, Start Num: 230
Candidate Starts for Tapioca_2:
(Start: 227 @501 has 25 MA's), (Start: 230 @504 has 31 MA's), (246, 516), (Start: 249 @519 has 1 MA's), (292, 576), (Start: 307 @594 has 198 MA's), (316, 606), (390, 678), (Start: 403 @696 has 1 MA's), (412, 714), (422, 735), (474, 798), (490, 837), (507, 870), (539, 918), (583, 1002), (593, 1017), (613, 1068), (618, 1077), (637, 1101), (659, 1140), (661, 1143), (677, 1155), (747, 1281), (766, 1305), (808, 1368), (878, 1452), (950, 1524), (962, 1548), (981, 1590), (987, 1599), (1043, 1656), (1080, 1695), (1136, 1752), (1146, 1758), (1152, 1761), (1187, 1782), (1226, 1830), (1278, 1866), (1349, 1947), (1353, 1953),

Gene: Taquarus_11 Start: 6887, Stop: 8584, Start Num: 102
Candidate Starts for Taquarus_11:
(Start: 102 @6887 has 400 MA's), (Start: 124 @6911 has 46 MA's), (Start: 251 @7034 has 3 MA's), (350, 7124), (381, 7157), (467, 7256), (512, 7340), (513, 7343), (538, 7382), (581, 7451), (593, 7475), (620, 7541), (675, 7631), (774, 7796), (825, 7883), (848, 7916), (923, 7982), (981, 8054), (983, 8057), (999, 8081), (1064, 8132), (1080, 8147), (1113, 8186), (1129, 8207), (1193, 8303), (1405, 8540), (1435, 8570), (1438, 8573),

Gene: Taquito_7 Start: 2076, Stop: 3521, Start Num: 247
Candidate Starts for Taquito_7:
(Start: 247 @2076 has 171 MA's), (Start: 336 @2181 has 12 MA's), (391, 2265), (402, 2274), (419, 2310), (425, 2322), (434, 2337), (463, 2364), (487, 2415), (493, 2433), (517, 2463), (532, 2490), (591, 2568), (611, 2619), (613, 2622), (675, 2700), (679, 2709), (742, 2748), (792, 2814), (820, 2862), (851, 2904), (962, 3021), (992, 3063), (1042, 3108), (1111, 3177), (1150, 3222), (1160, 3243), (1187, 3267), (1353, 3444), (1425, 3510), (1431, 3516),

Gene: Target_13 Start: 7766, Stop: 9457, Start Num: 102
Candidate Starts for Target_13:
(Start: 102 @7766 has 400 MA's), (Start: 309 @7946 has 15 MA's), (381, 8030), (414, 8081), (513, 8216), (581, 8327), (593, 8351), (620, 8417), (631, 8441), (735, 8609), (808, 8729), (809, 8732), (983, 8930), (1001, 8957), (1086, 9029), (1100, 9041), (1115, 9062), (1155, 9119), (1193, 9176), (1279, 9266), (1281, 9269), (1372, 9380), (1374, 9383), (1405, 9413), (1435, 9443), (1438, 9446),

Gene: Tarnish_4 Start: 1276, Stop: 2952, Start Num: 170
Candidate Starts for Tarnish_4:
(Start: 170 @1276 has 103 MA's), (Start: 232 @1327 has 1 MA's), (Start: 249 @1348 has 1 MA's), (304, 1393), (362, 1471), (415, 1537), (490, 1633), (509, 1669), (513, 1678), (515, 1681), (543, 1729), (550, 1741), (595, 1828), (701, 2008), (735, 2062), (842, 2242), (866, 2275), (954, 2341), (987, 2407), (992, 2413), (1080, 2497), (1146, 2578), (1163, 2611), (1219, 2680), (1292, 2758), (1374, 2857), (1394, 2878), (1400, 2884), (1454, 2938), (1456, 2941),

Gene: TaronosaurasRx_2 Start: 522, Stop: 2171, Start Num: 137
Candidate Starts for TaronosaurasRx_2:
(Start: 137 @522 has 4 MA's), (Start: 170 @552 has 103 MA's), (Start: 318 @723 has 1 MA's), (405, 807), (487, 933), (490, 942), (530, 1008), (558, 1056), (620, 1191), (778, 1392), (808, 1434), (840, 1467), (912, 1548), (939, 1566), (943, 1569), (1055, 1713), (1063, 1722), (1107, 1755), (1111, 1761), (1155, 1815), (1172, 1833), (1187, 1851), (1263, 1923), (1297, 1959), (1349, 2013), (1371, 2040), (1398, 2073), (1451, 2124),

Gene: TarsusIV_12 Start: 7454, Stop: 9241, Start Num: 103

Candidate Starts for TarsusIV_12:
(Start: 103 @7454 has 236 MA's), (Start: 217 @7562 has 1 MA's), (234, 7583), (282, 7667), (298, 7691), (362, 7778), (411, 7832), (485, 7916), (512, 7973), (513, 7976), (581, 8084), (620, 8174), (631, 8198), (704, 8315), (722, 8330), (928, 8645), (983, 8717), (1088, 8816), (1113, 8843), (1129, 8864), (1193, 8960), (1405, 9197), (1435, 9227),

Gene: Tarynearal_8 Start: 6158, Stop: 7936, Start Num: 54
Candidate Starts for Tarynearal_8:
(Start: 54 @6158 has 19 MA's), (Start: 67 @6185 has 32 MA's), (Start: 115 @6254 has 1 MA's), (Start: 237 @6368 has 1 MA's), (241, 6374), (362, 6506), (424, 6581), (425, 6584), (467, 6617), (487, 6650), (551, 6758), (567, 6782), (581, 6815), (620, 6890), (641, 6935), (690, 7013), (693, 7019), (728, 7064), (812, 7217), (825, 7238), (983, 7412), (999, 7436), (1001, 7439), (1080, 7499), (1088, 7511), (1113, 7538), (1129, 7559), (1182, 7643), (1193, 7655), (1405, 7892), (1438, 7925), (1443, 7931),

Gene: Tarzan_2 Start: 511, Stop: 2100, Start Num: 206
Candidate Starts for Tarzan_2:
(Start: 206 @511 has 13 MA's), (314, 646), (Start: 317 @652 has 15 MA's), (402, 733), (419, 769), (463, 817), (490, 877), (518, 919), (520, 922), (532, 946), (533, 949), (569, 976), (598, 1039), (630, 1111), (645, 1141), (648, 1147), (650, 1150), (652, 1153), (852, 1417), (865, 1432), (867, 1435), (877, 1447), (938, 1507), (964, 1552), (973, 1570), (997, 1609), (1105, 1702), (1117, 1723), (1124, 1732), (1190, 1816), (1219, 1852), (1290, 1924), (1369, 2017), (1385, 2035), (1449, 2089),

Gene: Tasp14_12 Start: 7250, Stop: 8938, Start Num: 102
Candidate Starts for Tasp14_12:
(Start: 102 @7250 has 400 MA's), (Start: 309 @7430 has 15 MA's), (381, 7514), (408, 7550), (424, 7577), (513, 7700), (581, 7808), (620, 7898), (631, 7922), (647, 7949), (679, 7997), (728, 8066), (774, 8153), (809, 8213), (1009, 8447), (1021, 8459), (1080, 8501), (1100, 8522), (1117, 8549), (1193, 8657), (1279, 8747), (1365, 8852),

Gene: Tatanka_6 Start: 3654, Stop: 5393, Start Num: 307
Candidate Starts for Tatanka_6:
(Start: 307 @3654 has 198 MA's), (367, 3753), (433, 3873), (485, 3972), (502, 4014), (516, 4044), (532, 4074), (556, 4122), (572, 4143), (611, 4245), (644, 4314), (656, 4338), (750, 4500), (791, 4575), (805, 4599), (892, 4728), (956, 4809), (1053, 4923), (1071, 4941), (1076, 4947), (1120, 5010), (1123, 5013), (1252, 5202), (1273, 5217), (1276, 5223), (1290, 5241), (1299, 5253), (1370, 5343), (1372, 5346),

Gene: TattModd_5 Start: 3127, Stop: 4692, Start Num: 165
Candidate Starts for TattModd_5:
(Start: 165 @3127 has 76 MA's), (Start: 333 @3337 has 4 MA's), (Start: 397 @3391 has 4 MA's), (426, 3448), (431, 3457), (584, 3697), (593, 3712), (595, 3718), (620, 3778), (650, 3838), (770, 3937), (790, 3967), (803, 3982), (852, 4063), (936, 4141), (941, 4150), (961, 4186), (983, 4225), (1009, 4258), (1020, 4267), (1046, 4294), (1105, 4348), (1133, 4390), (1197, 4435), (1212, 4456), (1232, 4480), (1328, 4558), (1451, 4678),

Gene: Taurus_13 Start: 6955, Stop: 8655, Start Num: 105
Candidate Starts for Taurus_13:
(Start: 105 @6955 has 85 MA's), (Start: 145 @7003 has 1 MA's), (302, 7138), (467, 7330), (513, 7417), (537, 7453), (620, 7615), (675, 7705), (718, 7768), (809, 7930), (983, 8128), (999, 8152), (1001, 8155), (1080, 8218), (1100, 8239), (1129, 8278), (1193, 8374), (1241, 8428), (1279, 8464), (1405, 8611), (1435, 8641), (1438, 8644),

Gene: TaylorSipht_3 Start: 775, Stop: 2355, Start Num: 238

Candidate Starts for TaylorSipht_3:
(Start: 171 @709 has 16 MA's), (Start: 238 @775 has 22 MA's), (263, 811), (Start: 309 @871 has 15 MA's), (314, 880), (334, 910), (399, 964), (424, 1012), (431, 1027), (463, 1051), (483, 1090), (569, 1210), (595, 1264), (598, 1273), (620, 1324), (625, 1336), (631, 1348), (650, 1384), (665, 1405), (700, 1465), (713, 1483), (720, 1495), (731, 1504), (774, 1567), (865, 1681), (867, 1684), (954, 1783), (961, 1795), (1003, 1861), (1020, 1876), (1048, 1906), (1096, 1945), (1102, 1954), (1305, 2194), (1364, 2263), (1369, 2269), (1397, 2305), (1449, 2344),

Gene: Tayonia_2 Start: 498, Stop: 2222, Start Num: 305
Candidate Starts for Tayonia_2:
(Start: 295 @483 has 6 MA's), (Start: 305 @498 has 33 MA's), (373, 588), (510, 828), (513, 834), (526, 858), (555, 915), (590, 987), (696, 1185), (728, 1227), (732, 1233), (782, 1317), (807, 1344), (885, 1455), (908, 1482), (1013, 1659), (1191, 1932), (1194, 1935), (1197, 1941), (1212, 1962), (1245, 2001), (1281, 2049), (1289, 2058), (1307, 2082), (1332, 2100), (1374, 2157), (1439, 2214),

Gene: Tbone_2 Start: 533, Stop: 2239, Start Num: 124
Candidate Starts for Tbone_2:
(Start: 124 @533 has 46 MA's), (486, 905), (513, 962), (546, 1010), (595, 1100), (623, 1154), (693, 1274), (748, 1364), (881, 1526), (983, 1649), (1193, 1904), (1209, 1919), (1292, 2054), (1363, 2138), (1381, 2162),

Gene: Teacup_7 Start: 3549, Stop: 5288, Start Num: 307
Candidate Starts for Teacup_7:
(Start: 307 @3549 has 198 MA's), (367, 3648), (433, 3768), (485, 3867), (502, 3909), (516, 3939), (532, 3969), (556, 4017), (572, 4038), (611, 4140), (644, 4209), (656, 4233), (709, 4323), (750, 4395), (791, 4470), (805, 4494), (872, 4599), (892, 4623), (956, 4704), (981, 4752), (1053, 4818), (1071, 4836), (1076, 4842), (1120, 4905), (1123, 4908), (1223, 5046), (1273, 5112), (1290, 5136), (1299, 5148), (1370, 5238), (1372, 5241),

Gene: Teagster_2 Start: 651, Stop: 2285, Start Num: 225
Candidate Starts for Teagster_2:
(Start: 225 @651 has 84 MA's), (Start: 295 @741 has 6 MA's), (314, 768), (431, 915), (490, 999), (520, 1044), (561, 1089), (569, 1098), (594, 1149), (620, 1212), (643, 1260), (662, 1290), (675, 1305), (731, 1386), (954, 1674), (1328, 2118), (1369, 2166), (1464, 2274),

Gene: Teaspoon_8 Start: 2003, Stop: 3673, Start Num: 389
Candidate Starts for Teaspoon_8:
(Start: 389 @2003 has 11 MA's), (551, 2300), (598, 2402), (693, 2582), (710, 2606), (724, 2624), (732, 2636), (768, 2699), (776, 2711), (808, 2756), (815, 2771), (873, 2849), (911, 2894), (934, 2948), (935, 2954), (1000, 3068), (1037, 3116), (1104, 3212), (1116, 3233), (1124, 3248), (1218, 3401), (1232, 3413), (1279, 3470), (1307, 3506), (1346, 3557), (1372, 3593), (1374, 3596), (1438, 3662),

Gene: Techage_2 Start: 413, Stop: 2089, Start Num: 138
Candidate Starts for Techage_2:
(Start: 138 @413 has 120 MA's), (Start: 318 @629 has 1 MA's), (349, 668), (380, 725), (384, 731), (396, 749), (421, 794), (422, 797), (426, 806), (431, 815), (444, 821), (445, 824), (483, 878), (490, 899), (495, 911), (558, 1001), (659, 1190), (745, 1286), (778, 1337), (902, 1478), (919, 1490), (1107, 1688), (1112, 1697), (1139, 1724), (1172, 1766), (1187, 1784), (1278, 1868), (1290, 1883), (1463, 2072),

Gene: TeddyBoy_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for TeddyBoy_3:
(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (806, 1881), (817, 1896), (842, 1932), (880,

1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298), (1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: Teejan_4 Start: 847, Stop: 2271, Start Num: 247
Candidate Starts for Teejan_4:
(Start: 230 @835 has 31 MA's), (Start: 247 @847 has 171 MA's), (310, 913), (Start: 336 @958 has 12 MA's), (363, 1003), (391, 1042), (402, 1051), (425, 1099), (444, 1117), (463, 1135), (487, 1186), (517, 1234), (532, 1261), (607, 1381), (611, 1390), (637, 1426), (638, 1429), (675, 1471), (686, 1489), (792, 1585), (816, 1627), (820, 1633), (827, 1645), (851, 1675), (856, 1681), (870, 1699), (893, 1726), (962, 1795), (1042, 1867), (1112, 1939), (1146, 1972), (1150, 1981), (1172, 2008), (1187, 2026), (1353, 2203), (1425, 2260), (1431, 2266),

Gene: Tefunt_6 Start: 2173, Stop: 3822, Start Num: 95
Candidate Starts for Tefunt_6:
(Start: 95 @2173 has 98 MA's), (314, 2371), (Start: 330 @2398 has 14 MA's), (381, 2446), (407, 2479), (415, 2500), (490, 2587), (504, 2614), (515, 2635), (548, 2680), (575, 2722), (603, 2794), (620, 2818), (680, 2917), (701, 2953), (722, 2971), (812, 3091), (813, 3094), (838, 3130), (926, 3211), (997, 3301), (1006, 3313), (1064, 3364), (1088, 3391), (1113, 3418), (1193, 3538), (1214, 3559), (1236, 3583), (1292, 3643), (1372, 3739), (1445, 3817),

Gene: TelAviv_28 Start: 13071, Stop: 14585, Start Num: 181
Candidate Starts for TelAviv_28:
(Start: 181 @13071 has 17 MA's), (Start: 184 @13074 has 14 MA's), (Start: 322 @13254 has 1 MA's), (381, 13347), (424, 13422), (451, 13455), (474, 13482), (487, 13512), (591, 13665), (594, 13671), (607, 13707), (611, 13716), (675, 13797), (679, 13806), (680, 13809), (744, 13848), (788, 13905), (809, 13941), (810, 13944), (957, 14100), (962, 14109), (1025, 14178), (1042, 14187), (1046, 14193), (1080, 14226), (1112, 14262), (1187, 14349), (1203, 14370), (1277, 14433), (1283, 14436), (1286, 14439), (1299, 14457), (1317, 14478), (1353, 14520), (1386, 14556), (1415, 14568),

Gene: Temper16_2 Start: 428, Stop: 1993, Start Num: 165
Candidate Starts for Temper16_2:
(Start: 165 @428 has 76 MA's), (Start: 307 @599 has 198 MA's), (Start: 397 @692 has 4 MA's), (Start: 403 @701 has 1 MA's), (419, 734), (426, 749), (431, 758), (463, 782), (488, 836), (559, 947), (593, 1013), (595, 1019), (620, 1079), (650, 1139), (672, 1169), (790, 1268), (936, 1442), (941, 1451), (961, 1487), (964, 1493), (985, 1529), (1015, 1565), (1048, 1598), (1085, 1637), (1100, 1643), (1235, 1784), (1328, 1859), (1404, 1940), (1451, 1979),

Gene: Temprado_15 Start: 7533, Stop: 9287, Start Num: 103
Candidate Starts for Temprado_15:
(Start: 103 @7533 has 236 MA's), (241, 7665), (298, 7764), (314, 7788), (Start: 330 @7815 has 14 MA's), (362, 7851), (424, 7926), (513, 8049), (523, 8064), (538, 8088), (581, 8157), (593, 8181), (594, 8184), (620, 8247), (631, 8271), (718, 8400), (722, 8403), (780, 8514), (914, 8676), (983, 8763), (992, 8775), (999, 8787), (1064, 8835), (1080, 8850), (1113, 8889), (1129, 8910), (1182, 8994), (1193, 9006), (1405, 9243), (1433, 9270), (1435, 9273),

Gene: TenaciousP_17 Start: 10505, Stop: 12250, Start Num: 307
Candidate Starts for TenaciousP_17:
(Start: 307 @10505 has 198 MA's), (310, 10511), (363, 10598), (367, 10604), (387, 10640), (417, 10694), (469, 10796), (502, 10871), (523, 10913), (556, 10979), (572, 11000), (599, 11069), (644, 11171), (680, 11228), (709, 11285), (722, 11297), (750, 11357), (805, 11456), (808, 11462), (841, 11519), (892, 11585), (1050, 11771), (1053, 11780), (1111, 11846), (1120, 11867), (1123, 11870), (1249, 12050), (1288, 12095), (1290, 12098), (1299, 12110), (1370, 12200), (1372, 12203),

Gene: Tenney120_8 Start: 3513, Stop: 5246, Start Num: 307
Candidate Starts for Tenney120_8:
(Start: 307 @3513 has 198 MA's), (367, 3612), (493, 3849), (516, 3897), (556, 3975), (570, 3993), (572, 3996), (599, 4065), (644, 4167), (656, 4191), (693, 4248), (750, 4353), (805, 4452), (820, 4482), (847, 4524), (892, 4581), (950, 4650), (956, 4662), (1053, 4776), (1071, 4794), (1120, 4863), (1123, 4866), (1249, 5046), (1273, 5070), (1290, 5094), (1299, 5106), (1309, 5118), (1334, 5151), (1370, 5196), (1372, 5199),

Gene: Tenno_8 Start: 4800, Stop: 6539, Start Num: 307
Candidate Starts for Tenno_8:
(Start: 307 @4800 has 198 MA's), (367, 4899), (433, 5019), (485, 5118), (502, 5160), (516, 5190), (532, 5220), (556, 5268), (572, 5289), (611, 5391), (644, 5460), (656, 5484), (666, 5496), (709, 5574), (750, 5646), (791, 5721), (805, 5745), (872, 5850), (892, 5874), (956, 5955), (981, 6003), (1053, 6069), (1071, 6087), (1076, 6093), (1120, 6156), (1123, 6159), (1273, 6363), (1290, 6387), (1299, 6399), (1370, 6489), (1372, 6492),

Gene: Teodoridan_9 Start: 6381, Stop: 8069, Start Num: 102
Candidate Starts for Teodoridan_9:
(Start: 102 @6381 has 400 MA's), (381, 6645), (402, 6669), (513, 6831), (535, 6864), (581, 6939), (620, 7029), (631, 7053), (679, 7128), (774, 7284), (778, 7293), (808, 7341), (809, 7344), (1009, 7578), (1021, 7590), (1080, 7632), (1100, 7653), (1117, 7680), (1193, 7788), (1279, 7878), (1365, 7983),

Gene: Terrific_16 Start: 7938, Stop: 9725, Start Num: 103
Candidate Starts for Terrific_16:
(23, 7752), (50, 7854), (Start: 103 @7938 has 236 MA's), (Start: 217 @8046 has 1 MA's), (234, 8067), (298, 8175), (513, 8460), (581, 8568), (620, 8658), (631, 8682), (722, 8814), (981, 9198), (983, 9201), (1113, 9327), (1129, 9348), (1182, 9432), (1193, 9444), (1405, 9681), (1433, 9708), (1435, 9711), (1438, 9714), (1440, 9717),

Gene: Terror_2 Start: 459, Stop: 1895, Start Num: 262
Candidate Starts for Terror_2:
(101, 291), (Start: 161 @363 has 29 MA's), (Start: 262 @459 has 67 MA's), (Start: 273 @462 has 4 MA's), (Start: 299 @498 has 5 MA's), (Start: 322 @537 has 1 MA's), (425, 699), (487, 786), (490, 795), (498, 810), (505, 825), (607, 981), (618, 1002), (636, 1023), (675, 1071), (679, 1080), (820, 1233), (842, 1263), (865, 1293), (962, 1389), (1109, 1533), (1147, 1575), (1172, 1608), (1187, 1626), (1205, 1647), (1259, 1692), (1277, 1710), (1280, 1713), (1353, 1806),

Gene: Tesla_34 Start: 10743, Stop: 12485, Start Num: 170
Candidate Starts for Tesla_34:
(Start: 170 @10743 has 103 MA's), (302, 10860), (Start: 330 @10905 has 14 MA's), (369, 10971), (374, 10986), (402, 11019), (Start: 403 @11022 has 1 MA's), (411, 11037), (425, 11061), (426, 11064), (467, 11094), (479, 11115), (485, 11133), (488, 11142), (505, 11178), (513, 11193), (543, 11238), (575, 11280), (590, 11319), (595, 11331), (603, 11352), (632, 11403), (647, 11424), (798, 11646), (866, 11751), (874, 11760), (930, 11793), (954, 11814), (956, 11817), (969, 11844), (983, 11874), (992, 11886), (1001, 11901), (1009, 11910), (1015, 11916), (1062, 11958), (1074, 11967), (1084, 11982), (1100, 11997), (1146, 12057), (1163, 12096), (1185, 12129), (1214, 12159), (1217, 12162), (1265, 12246), (1292, 12300), (1304, 12315), (1332, 12342), (1372, 12396), (1451, 12468), (1453, 12471),

Gene: Tessdabest_1 Start: 504, Stop: 2036, Start Num: 230
Candidate Starts for Tessdabest_1:
(Start: 227 @501 has 25 MA's), (Start: 230 @504 has 31 MA's), (246, 516), (Start: 249 @519 has 1 MA's), (292, 576), (Start: 307 @594 has 198 MA's), (316, 606), (390, 678), (Start: 403 @696 has 1

MA's), (412, 714), (422, 735), (474, 798), (490, 837), (507, 870), (539, 918), (583, 1002), (593, 1017), (613, 1068), (618, 1077), (637, 1101), (659, 1140), (661, 1143), (677, 1155), (747, 1281), (766, 1305), (808, 1368), (878, 1452), (950, 1524), (962, 1548), (981, 1590), (987, 1599), (1043, 1656), (1080, 1695), (1136, 1752), (1146, 1758), (1152, 1761), (1187, 1782), (1226, 1830), (1278, 1866), (1349, 1947), (1353, 1953),

Gene: Texage_11 Start: 7044, Stop: 8741, Start Num: 102
Candidate Starts for Texage_11:
(Start: 102 @7044 has 400 MA's), (Start: 124 @7068 has 46 MA's), (381, 7314), (508, 7488), (513, 7500), (538, 7539), (550, 7551), (581, 7608), (593, 7632), (620, 7698), (623, 7707), (675, 7788), (693, 7821), (774, 7953), (780, 7965), (812, 8019), (825, 8040), (848, 8073), (914, 8127), (983, 8214), (999, 8238), (1001, 8241), (1006, 8247), (1015, 8256), (1080, 8304), (1113, 8343), (1115, 8346), (1129, 8364), (1193, 8460), (1241, 8514), (1374, 8667), (1405, 8697), (1435, 8727), (1438, 8730),

Gene: TforTroy_2 Start: 547, Stop: 2244, Start Num: 124
Candidate Starts for TforTroy_2:
(Start: 124 @547 has 46 MA's), (134, 556), (Start: 232 @634 has 1 MA's), (486, 919), (513, 976), (538, 1018), (595, 1114), (623, 1168), (693, 1288), (748, 1378), (983, 1663), (1088, 1774), (1146, 1843), (1193, 1918), (1209, 1933), (1292, 2059), (1363, 2143), (1381, 2167),

Gene: Thanksgivukkah_11 Start: 6889, Stop: 8586, Start Num: 102
Candidate Starts for Thanksgivukkah_11:
(Start: 102 @6889 has 400 MA's), (Start: 124 @6913 has 46 MA's), (Start: 251 @7036 has 3 MA's), (350, 7126), (381, 7159), (467, 7258), (512, 7342), (513, 7345), (538, 7384), (581, 7453), (593, 7477), (620, 7543), (675, 7633), (774, 7798), (825, 7885), (848, 7918), (923, 7984), (981, 8056), (983, 8059), (999, 8083), (1064, 8134), (1080, 8149), (1113, 8188), (1129, 8209), (1193, 8305), (1405, 8542), (1435, 8572), (1438, 8575),

Gene: ThankyouJordi_2 Start: 498, Stop: 2222, Start Num: 305
Candidate Starts for ThankyouJordi_2:
(Start: 295 @483 has 6 MA's), (Start: 305 @498 has 33 MA's), (373, 588), (439, 702), (499, 804), (510, 828), (513, 834), (526, 858), (530, 864), (555, 915), (590, 987), (696, 1185), (728, 1227), (732, 1233), (782, 1317), (783, 1320), (807, 1344), (885, 1455), (908, 1482), (1013, 1659), (1191, 1932), (1194, 1935), (1197, 1941), (1212, 1962), (1241, 1995), (1245, 2001), (1281, 2049), (1289, 2058), (1307, 2082), (1332, 2100), (1374, 2157), (1439, 2214),

Gene: Theia_8 Start: 6097, Stop: 7875, Start Num: 54
Candidate Starts for Theia_8:
(Start: 54 @6097 has 19 MA's), (Start: 67 @6124 has 32 MA's), (Start: 115 @6193 has 1 MA's), (Start: 237 @6307 has 1 MA's), (241, 6313), (362, 6445), (424, 6520), (425, 6523), (467, 6556), (487, 6589), (551, 6697), (567, 6721), (581, 6754), (620, 6829), (641, 6874), (690, 6952), (693, 6958), (793, 7123), (812, 7156), (825, 7177), (983, 7351), (999, 7375), (1001, 7378), (1080, 7438), (1088, 7450), (1113, 7477), (1129, 7498), (1182, 7582), (1193, 7594), (1281, 7687), (1405, 7831), (1438, 7864), (1443, 7870),

Gene: TheloniousMonk_13 Start: 7993, Stop: 9681, Start Num: 102
Candidate Starts for TheloniousMonk_13:
(Start: 102 @7993 has 400 MA's), (381, 8257), (402, 8281), (513, 8443), (535, 8476), (581, 8551), (620, 8641), (631, 8665), (647, 8692), (679, 8740), (728, 8809), (767, 8884), (774, 8896), (809, 8956), (1001, 9181), (1009, 9190), (1021, 9202), (1080, 9244), (1100, 9265), (1117, 9292), (1193, 9400), (1279, 9490), (1365, 9595),

Gene: Thespis_2 Start: 400, Stop: 2076, Start Num: 138

Candidate Starts for Thespis_2:
(Start: 138 @400 has 120 MA's), (Start: 318 @616 has 1 MA's), (349, 655), (380, 712), (384, 718), (396, 736), (421, 781), (426, 793), (431, 802), (444, 808), (483, 865), (490, 886), (495, 898), (558, 988), (659, 1177), (745, 1273), (766, 1303), (778, 1324), (902, 1465), (919, 1477), (1107, 1675), (1112, 1684), (1139, 1711), (1172, 1753), (1187, 1771), (1278, 1855), (1290, 1870), (1463, 2059),

Gene: Thestral_7 Start: 2249, Stop: 3895, Start Num: 95
Candidate Starts for Thestral_7:
(Start: 95 @2249 has 98 MA's), (381, 2519), (402, 2543), (407, 2552), (485, 2645), (490, 2660), (504, 2687), (515, 2708), (575, 2795), (603, 2867), (620, 2891), (680, 2990), (701, 3026), (768, 3131), (813, 3167), (838, 3203), (851, 3221), (981, 3350), (983, 3353), (992, 3365), (997, 3374), (1004, 3383), (1088, 3464), (1113, 3491), (1133, 3518), (1165, 3572), (1193, 3611), (1214, 3632), (1236, 3656), (1292, 3716), (1372, 3812), (1445, 3890),

Gene: ThetaBob_2 Start: 458, Stop: 2236, Start Num: 87
Candidate Starts for ThetaBob_2:
(Start: 87 @458 has 22 MA's), (Start: 131 @509 has 1 MA's), (147, 530), (Start: 175 @560 has 2 MA's), (183, 566), (Start: 198 @581 has 4 MA's), (257, 632), (Start: 322 @695 has 1 MA's), (Start: 330 @707 has 14 MA's), (362, 743), (408, 791), (414, 806), (424, 818), (426, 824), (484, 881), (485, 884), (487, 890), (492, 905), (502, 923), (504, 926), (513, 944), (595, 1085), (602, 1103), (620, 1130), (631, 1154), (645, 1187), (696, 1265), (748, 1355), (756, 1364), (765, 1379), (812, 1421), (813, 1424), (842, 1466), (848, 1475), (866, 1499), (927, 1541), (929, 1544), (956, 1568), (981, 1607), (983, 1610), (993, 1625), (1006, 1643), (1009, 1646), (1091, 1727), (1102, 1742), (1105, 1745), (1113, 1757), (1139, 1796), (1163, 1847), (1165, 1853), (1182, 1889), (1193, 1901), (1211, 1925), (1234, 1952), (1240, 1961), (1241, 1964), (1281, 2036), (1325, 2084), (1332, 2090), (1355, 2123), (1360, 2129), (1365, 2135), (1370, 2141), (1372, 2144), (1381, 2156), (1402, 2174), (1421, 2195), (1437, 2213), (1448, 2225),

Gene: Thimann_3 Start: 820, Stop: 2379, Start Num: 151
Candidate Starts for Thimann_3:
(88, 760), (Start: 151 @820 has 55 MA's), (259, 928), (Start: 318 @1006 has 1 MA's), (342, 1039), (419, 1120), (421, 1123), (425, 1132), (465, 1168), (491, 1228), (566, 1318), (568, 1321), (583, 1357), (607, 1414), (620, 1438), (680, 1522), (723, 1573), (778, 1639), (808, 1681), (875, 1750), (880, 1756), (919, 1795), (946, 1816), (962, 1846), (971, 1867), (1009, 1912), (1054, 1948), (1057, 1951), (1109, 1993), (1216, 2122), (1280, 2173), (1390, 2302), (1461, 2362),

Gene: Thimble_9 Start: 2256, Stop: 3926, Start Num: 394
Candidate Starts for Thimble_9:
(Start: 394 @2256 has 48 MA's), (427, 2319), (551, 2553), (598, 2655), (693, 2835), (710, 2859), (724, 2877), (732, 2889), (768, 2952), (776, 2964), (808, 3009), (815, 3024), (873, 3102), (911, 3147), (934, 3201), (935, 3207), (1000, 3321), (1104, 3465), (1124, 3501), (1218, 3654), (1232, 3666), (1279, 3723), (1307, 3759), (1346, 3810), (1372, 3846), (1374, 3849), (1438, 3915),

Gene: Thiqqums_7 Start: 3414, Stop: 5153, Start Num: 307
Candidate Starts for Thiqqums_7:
(Start: 305 @3411 has 33 MA's), (Start: 307 @3414 has 198 MA's), (310, 3420), (342, 3468), (345, 3471), (363, 3507), (367, 3513), (440, 3651), (460, 3687), (467, 3699), (556, 3882), (572, 3903), (608, 3996), (611, 4005), (637, 4056), (644, 4074), (805, 4359), (892, 4488), (950, 4557), (1022, 4647), (1050, 4674), (1071, 4701), (1120, 4770), (1123, 4773), (1152, 4815), (1156, 4824), (1249, 4953), (1274, 4980), (1290, 5001), (1299, 5013), (1315, 5031), (1370, 5103), (1372, 5106), (1381, 5118),

Gene: Thor_11 Start: 6833, Stop: 8521, Start Num: 102
Candidate Starts for Thor_11:

(Start: 102 @6833 has 400 MA's), (Start: 309 @7013 has 15 MA's), (381, 7097), (408, 7133), (424, 7160), (513, 7283), (535, 7316), (581, 7391), (620, 7481), (631, 7505), (647, 7532), (679, 7580), (774, 7736), (778, 7745), (809, 7796), (1009, 8030), (1021, 8042), (1080, 8084), (1100, 8105), (1117, 8132), (1193, 8240), (1279, 8330), (1365, 8435),

Gene: ThulaThula_2 Start: 401, Stop: 2080, Start Num: 138
Candidate Starts for ThulaThula_2:
(32, 191), (43, 239), (Start: 138 @401 has 120 MA's), (285, 563), (314, 608), (Start: 318 @617 has 1 MA's), (349, 656), (380, 713), (384, 719), (396, 737), (421, 782), (426, 794), (431, 803), (444, 809), (483, 866), (488, 881), (490, 887), (495, 899), (558, 989), (659, 1178), (766, 1304), (902, 1466), (919, 1478), (959, 1523), (972, 1553), (1057, 1634), (1112, 1685), (1172, 1754), (1187, 1772), (1278, 1856), (1280, 1859), (1290, 1871), (1463, 2063),

Gene: ThursdayNight_2 Start: 546, Stop: 2285, Start Num: 124
Candidate Starts for ThursdayNight_2:
(Start: 124 @546 has 46 MA's), (320, 762), (467, 924), (477, 942), (490, 966), (513, 1011), (546, 1059), (595, 1152), (748, 1416), (808, 1473), (851, 1539), (952, 1650), (1001, 1728), (1193, 1956), (1209, 1971), (1250, 2025), (1268, 2049), (1325, 2136), (1381, 2208), (1399, 2223),

Gene: Thyatira_6 Start: 1325, Stop: 2752, Start Num: 262
Candidate Starts for Thyatira_6:
(Start: 262 @1325 has 67 MA's), (310, 1382), (Start: 322 @1403 has 1 MA's), (Start: 336 @1427 has 12 MA's), (391, 1511), (402, 1520), (405, 1526), (425, 1568), (444, 1586), (463, 1604), (487, 1655), (492, 1670), (532, 1730), (591, 1808), (607, 1850), (611, 1859), (613, 1862), (675, 1940), (792, 2054), (820, 2102), (851, 2144), (870, 2168), (880, 2180), (903, 2207), (956, 2252), (962, 2264), (1107, 2411), (1142, 2450), (1187, 2507), (1208, 2531), (1235, 2555), (1263, 2579), (1348, 2678), (1353, 2684), (1425, 2741),

Gene: Tian_2 Start: 533, Stop: 2239, Start Num: 124
Candidate Starts for Tian_2:
(Start: 124 @533 has 46 MA's), (214, 599), (486, 905), (513, 962), (525, 983), (546, 1010), (595, 1100), (623, 1154), (645, 1199), (693, 1274), (881, 1526), (983, 1649), (1146, 1829), (1193, 1904), (1209, 1919), (1292, 2054), (1372, 2150), (1381, 2162),

Gene: TieDye_7 Start: 2856, Stop: 4601, Start Num: 307
Candidate Starts for TieDye_7:
(Start: 307 @2856 has 198 MA's), (342, 2910), (345, 2913), (363, 2949), (367, 2955), (488, 3189), (535, 3288), (556, 3330), (572, 3351), (589, 3393), (594, 3405), (637, 3504), (644, 3522), (727, 3654), (791, 3783), (805, 3807), (808, 3813), (892, 3936), (950, 4005), (1050, 4122), (1071, 4149), (1120, 4218), (1123, 4221), (1156, 4272), (1223, 4359), (1273, 4425), (1288, 4446), (1290, 4449), (1299, 4461), (1315, 4479), (1370, 4551), (1372, 4554),

Gene: Tierra_7 Start: 1517, Stop: 2944, Start Num: 247
Candidate Starts for Tierra_7:
(Start: 247 @1517 has 171 MA's), (Start: 322 @1607 has 1 MA's), (Start: 336 @1631 has 12 MA's), (342, 1637), (391, 1715), (402, 1724), (425, 1772), (444, 1790), (487, 1859), (517, 1907), (532, 1934), (591, 2012), (607, 2054), (611, 2063), (675, 2144), (742, 2192), (792, 2258), (816, 2300), (820, 2306), (827, 2318), (834, 2324), (851, 2348), (875, 2378), (893, 2399), (962, 2468), (993, 2510), (1107, 2603), (1111, 2609), (1112, 2612), (1146, 2645), (1160, 2675), (1187, 2699), (1235, 2747), (1353, 2876), (1425, 2933), (1431, 2939),

Gene: Tiffany_13 Start: 6851, Stop: 8551, Start Num: 105
Candidate Starts for Tiffany_13:

(Start: 105 @6851 has 85 MA's), (Start: 145 @6899 has 1 MA's), (302, 7034), (467, 7226), (513, 7313), (620, 7511), (675, 7601), (718, 7664), (809, 7826), (983, 8024), (999, 8048), (1001, 8051), (1080, 8114), (1100, 8135), (1129, 8174), (1193, 8270), (1241, 8324), (1279, 8360), (1405, 8507), (1435, 8537), (1438, 8540),

Gene: Tiger_9 Start: 6005, Stop: 7756, Start Num: 67
Candidate Starts for Tiger_9:
(Start: 54 @5978 has 19 MA's), (Start: 67 @6005 has 32 MA's), (Start: 115 @6074 has 1 MA's), (147, 6113), (Start: 237 @6188 has 1 MA's), (241, 6194), (362, 6326), (424, 6401), (425, 6404), (523, 6539), (551, 6578), (567, 6602), (620, 6710), (641, 6755), (690, 6833), (693, 6839), (793, 7004), (812, 7037), (825, 7058), (983, 7232), (999, 7256), (1001, 7259), (1080, 7319), (1088, 7331), (1113, 7358), (1129, 7379), (1182, 7463), (1193, 7475), (1405, 7712), (1438, 7745), (1443, 7751),

Gene: Tigress9_7 Start: 1519, Stop: 2946, Start Num: 247
Candidate Starts for Tigress9_7:
(Start: 247 @1519 has 171 MA's), (Start: 322 @1609 has 1 MA's), (Start: 336 @1633 has 12 MA's), (342, 1639), (391, 1717), (402, 1726), (425, 1774), (444, 1792), (487, 1861), (505, 1900), (517, 1909), (532, 1936), (533, 1939), (591, 2014), (607, 2056), (611, 2065), (675, 2146), (792, 2260), (816, 2302), (820, 2308), (827, 2320), (834, 2326), (851, 2350), (870, 2374), (875, 2380), (893, 2401), (962, 2470), (993, 2512), (1107, 2605), (1111, 2611), (1112, 2614), (1146, 2647), (1160, 2677), (1187, 2701), (1235, 2749), (1353, 2878), (1425, 2935), (1431, 2941),

Gene: TimTam_2 Start: 498, Stop: 2222, Start Num: 305
Candidate Starts for TimTam_2:
(Start: 295 @483 has 6 MA's), (Start: 305 @498 has 33 MA's), (373, 588), (499, 804), (510, 828), (513, 834), (526, 858), (555, 915), (590, 987), (696, 1185), (728, 1227), (732, 1233), (782, 1317), (807, 1344), (885, 1455), (908, 1482), (1013, 1659), (1191, 1932), (1194, 1935), (1197, 1941), (1212, 1962), (1245, 2001), (1281, 2049), (1289, 2058), (1307, 2082), (1332, 2100), (1374, 2157), (1439, 2214),

Gene: TimoTea_3 Start: 1062, Stop: 2522, Start Num: 250
Candidate Starts for TimoTea_3:
(Start: 250 @1062 has 144 MA's), (Start: 254 @1068 has 2 MA's), (358, 1230), (363, 1239), (399, 1299), (444, 1368), (465, 1389), (488, 1440), (619, 1644), (806, 1857), (817, 1872), (842, 1908), (880, 1950), (911, 1983), (926, 2001), (1015, 2121), (1020, 2124), (1039, 2136), (1113, 2211), (1172, 2274), (1187, 2292), (1190, 2295), (1330, 2457), (1337, 2466), (1344, 2475), (1372, 2514),

Gene: Timothy_12 Start: 8024, Stop: 9787, Start Num: 103
Candidate Starts for Timothy_12:
(Start: 103 @8024 has 236 MA's), (Start: 121 @8045 has 5 MA's), (Start: 217 @8132 has 1 MA's), (298, 8261), (314, 8285), (362, 8348), (487, 8492), (512, 8543), (513, 8546), (581, 8657), (593, 8681), (594, 8684), (620, 8747), (623, 8756), (631, 8771), (704, 8888), (722, 8903), (751, 8963), (803, 9047), (923, 9188), (992, 9275), (999, 9287), (1064, 9335), (1080, 9350), (1113, 9389), (1129, 9410), (1155, 9449), (1182, 9494), (1193, 9506), (1405, 9743), (1433, 9770),

Gene: Timshel_12 Start: 8311, Stop: 10005, Start Num: 102
Candidate Starts for Timshel_12:
(Start: 102 @8311 has 400 MA's), (287, 8479), (Start: 330 @8530 has 14 MA's), (381, 8578), (424, 8641), (467, 8677), (487, 8710), (508, 8752), (513, 8764), (523, 8779), (538, 8803), (581, 8872), (620, 8962), (623, 8971), (722, 9118), (774, 9217), (808, 9274), (825, 9304), (981, 9475), (983, 9478), (999, 9502), (1001, 9505), (1086, 9577), (1129, 9628), (1193, 9724), (1219, 9751), (1241, 9778), (1374, 9931), (1405, 9961), (1435, 9991),

Gene: TinaBelcher_6 Start: 2200, Stop: 3846, Start Num: 95

Candidate Starts for TinaBelcher_6:
(Start: 95 @2200 has 98 MA's), (Start: 207 @2296 has 6 MA's), (381, 2470), (402, 2494), (407, 2503), (485, 2596), (490, 2611), (504, 2638), (515, 2659), (575, 2746), (603, 2818), (620, 2842), (680, 2941), (701, 2977), (768, 3082), (813, 3118), (838, 3154), (851, 3172), (981, 3301), (983, 3304), (992, 3316), (997, 3325), (1004, 3334), (1088, 3415), (1113, 3442), (1133, 3469), (1165, 3523), (1193, 3562), (1214, 3583), (1236, 3607), (1250, 3631), (1292, 3667), (1372, 3763), (1445, 3841),

Gene: TinaBug_2 Start: 359, Stop: 1891, Start Num: 161
Candidate Starts for TinaBug_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: TinaFeyge_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for TinaFeyge_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: TinaLin_10 Start: 4153, Stop: 5841, Start Num: 133
Candidate Starts for TinaLin_10:
(Start: 133 @4153 has 3 MA's), (Start: 204 @4231 has 1 MA's), (347, 4423), (422, 4504), (465, 4549), (474, 4567), (484, 4588), (497, 4618), (523, 4657), (569, 4726), (595, 4780), (631, 4864), (632, 4867), (634, 4870), (648, 4897), (650, 4900), (774, 5005), (848, 5122), (861, 5137), (941, 5230), (945, 5236), (958, 5260), (981, 5302), (991, 5317), (1020, 5347), (1030, 5359), (1081, 5410), (1100, 5422), (1133, 5470), (1139, 5479), (1177, 5545), (1221, 5599), (1274, 5632), (1371, 5749), (1393, 5767), (1404, 5779), (1453, 5827), (1459, 5833),

Gene: TingHuaYa_8 Start: 1618, Stop: 3042, Start Num: 247
Candidate Starts for TingHuaYa_8:
(156, 1534), (Start: 247 @1618 has 171 MA's), (Start: 322 @1705 has 1 MA's), (Start: 336 @1729 has 12 MA's), (342, 1735), (363, 1774), (391, 1813), (402, 1822), (405, 1828), (425, 1870), (444, 1888), (487, 1957), (505, 1996), (517, 2005), (532, 2032), (533, 2035), (607, 2152), (611, 2161), (742, 2290), (792, 2356), (820, 2404), (827, 2416), (851, 2446), (870, 2470), (962, 2566), (1111, 2707), (1112, 2710), (1146, 2743), (1160, 2773), (1187, 2797), (1283, 2884), (1353, 2974), (1425, 3031), (1431, 3037),

Gene: TiniBug_8 Start: 1566, Stop: 2987, Start Num: 247
Candidate Starts for TiniBug_8:
(Start: 165 @1494 has 76 MA's), (Start: 204 @1533 has 1 MA's), (Start: 230 @1554 has 31 MA's), (Start: 247 @1566 has 171 MA's), (Start: 336 @1677 has 12 MA's), (342, 1683), (391, 1761), (402, 1770), (425, 1818), (444, 1836), (487, 1905), (514, 1947), (517, 1953), (532, 1980), (533, 1983), (568, 2007), (607, 2100), (611, 2109), (675, 2190), (686, 2208), (792, 2304), (820, 2352), (827, 2364), (851, 2394), (870, 2418), (880, 2430), (959, 2508), (962, 2514), (1112, 2658), (1146, 2691), (1187, 2745), (1353, 2922), (1425, 2976),

Gene: TinoCrisci_4 Start: 800, Stop: 2290, Start Num: 202
Candidate Starts for TinoCrisci_4:

(Start: 202 @800 has 39 MA's), (245, 845), (Start: 318 @947 has 1 MA's), (Start: 333 @965 has 4 MA's), (Start: 336 @974 has 12 MA's), (Start: 397 @1025 has 4 MA's), (399, 1028), (405, 1037), (419, 1067), (434, 1094), (506, 1193), (577, 1292), (585, 1316), (586, 1319), (588, 1322), (607, 1367), (789, 1601), (820, 1649), (827, 1661), (864, 1700), (886, 1718), (902, 1730), (904, 1733), (922, 1754), (937, 1760), (946, 1772), (987, 1850), (1047, 1904), (1112, 1958), (1121, 1970), (1156, 2015), (1206, 2063), (1299, 2147), (1349, 2204), (1406, 2273),

Gene: TinyPebbles_13 Start: 7040, Stop: 8740, Start Num: 105
Candidate Starts for TinyPebbles_13:
(Start: 105 @7040 has 85 MA's), (Start: 145 @7088 has 1 MA's), (302, 7223), (467, 7415), (513, 7502), (620, 7700), (675, 7790), (718, 7853), (809, 8015), (983, 8213), (999, 8237), (1001, 8240), (1080, 8303), (1100, 8324), (1129, 8363), (1193, 8459), (1241, 8513), (1279, 8549), (1405, 8696), (1435, 8726), (1438, 8729),

Gene: TinyTimmy_12 Start: 8076, Stop: 9839, Start Num: 103
Candidate Starts for TinyTimmy_12:
(Start: 103 @8076 has 236 MA's), (Start: 121 @8097 has 5 MA's), (Start: 217 @8184 has 1 MA's), (298, 8313), (314, 8337), (362, 8400), (487, 8544), (512, 8595), (513, 8598), (581, 8709), (593, 8733), (594, 8736), (620, 8799), (623, 8808), (631, 8823), (704, 8940), (722, 8955), (751, 9015), (803, 9099), (992, 9327), (999, 9339), (1064, 9387), (1080, 9402), (1113, 9441), (1129, 9462), (1155, 9501), (1182, 9546), (1193, 9558), (1405, 9795), (1433, 9822),

Gene: TinyTruffula_3 Start: 1179, Stop: 2639, Start Num: 250
Candidate Starts for TinyTruffula_3:
(Start: 250 @1179 has 144 MA's), (Start: 254 @1185 has 2 MA's), (358, 1347), (363, 1356), (399, 1416), (444, 1485), (465, 1506), (488, 1557), (619, 1761), (755, 1896), (806, 1974), (817, 1989), (829, 2007), (842, 2025), (880, 2067), (911, 2100), (926, 2118), (1015, 2238), (1020, 2241), (1039, 2253), (1047, 2265), (1060, 2277), (1113, 2328), (1160, 2385), (1172, 2391), (1178, 2400), (1187, 2409), (1190, 2412), (1330, 2574), (1337, 2583), (1344, 2592), (1372, 2631),

Gene: Tinybot_10 Start: 6864, Stop: 8561, Start Num: 102
Candidate Starts for Tinybot_10:
(Start: 102 @6864 has 400 MA's), (Start: 124 @6888 has 46 MA's), (Start: 251 @7011 has 3 MA's), (350, 7101), (381, 7134), (467, 7233), (512, 7317), (513, 7320), (538, 7359), (581, 7428), (593, 7452), (620, 7518), (675, 7608), (774, 7773), (825, 7860), (848, 7893), (923, 7959), (981, 8031), (983, 8034), (999, 8058), (1064, 8109), (1080, 8124), (1113, 8163), (1129, 8184), (1193, 8280), (1405, 8517), (1435, 8547), (1438, 8550),

Gene: TipsytheTRex_11 Start: 6516, Stop: 8297, Start Num: 103
Candidate Starts for TipsytheTRex_11:
(Start: 103 @6516 has 236 MA's), (Start: 251 @6660 has 3 MA's), (278, 6705), (298, 6747), (362, 6834), (411, 6888), (512, 7029), (513, 7032), (538, 7071), (581, 7140), (620, 7230), (631, 7254), (718, 7383), (722, 7386), (1113, 7899), (1129, 7920), (1182, 8004), (1193, 8016), (1405, 8253), (1433, 8280), (1435, 8283), (1438, 8286),

Gene: Tipton_7 Start: 3522, Stop: 5264, Start Num: 307
Candidate Starts for Tipton_7:
(Start: 303 @3516 has 2 MA's), (Start: 307 @3522 has 198 MA's), (367, 3621), (433, 3741), (485, 3840), (516, 3912), (556, 3990), (572, 4011), (611, 4113), (644, 4182), (663, 4215), (750, 4368), (791, 4443), (805, 4467), (872, 4572), (892, 4596), (956, 4677), (1053, 4794), (1071, 4812), (1076, 4818), (1111, 4860), (1120, 4881), (1123, 4884), (1249, 5064), (1273, 5088), (1290, 5112), (1299, 5124), (1315, 5142), (1370, 5214), (1372, 5217),

Gene: Tiri_8 Start: 1604, Stop: 3025, Start Num: 247
Candidate Starts for Tiri_8:
(Start: 165 @1532 has 76 MA's), (Start: 230 @1592 has 31 MA's), (Start: 247 @1604 has 171 MA's), (Start: 336 @1715 has 12 MA's), (342, 1721), (391, 1799), (402, 1808), (425, 1856), (444, 1874), (487, 1943), (514, 1985), (517, 1991), (532, 2018), (533, 2021), (607, 2138), (611, 2147), (675, 2228), (792, 2342), (820, 2390), (827, 2402), (851, 2432), (870, 2456), (880, 2468), (959, 2546), (962, 2552), (1112, 2696), (1146, 2729), (1187, 2783), (1353, 2960), (1425, 3014),

Gene: TiroTheta9_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for TiroTheta9_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: TlaliMex_3 Start: 1179, Stop: 2633, Start Num: 254
Candidate Starts for TlaliMex_3:
(Start: 250 @1173 has 144 MA's), (Start: 254 @1179 has 2 MA's), (358, 1341), (363, 1350), (399, 1410), (444, 1479), (465, 1500), (488, 1551), (619, 1755), (755, 1890), (806, 1968), (817, 1983), (829, 2001), (842, 2019), (880, 2061), (911, 2094), (926, 2112), (1015, 2232), (1020, 2235), (1039, 2247), (1047, 2259), (1113, 2322), (1160, 2379), (1172, 2385), (1178, 2394), (1187, 2403), (1190, 2406), (1330, 2568), (1337, 2577), (1344, 2586), (1372, 2625),

Gene: Toad24_4 Start: 958, Stop: 2538, Start Num: 238
Candidate Starts for Toad24_4:
(Start: 171 @892 has 16 MA's), (Start: 238 @958 has 22 MA's), (Start: 309 @1054 has 15 MA's), (314, 1063), (Start: 318 @1072 has 1 MA's), (374, 1117), (Start: 397 @1144 has 4 MA's), (405, 1156), (424, 1195), (431, 1210), (463, 1234), (474, 1255), (598, 1456), (620, 1507), (650, 1567), (665, 1588), (700, 1648), (720, 1678), (731, 1687), (774, 1750), (1009, 2050), (1020, 2059), (1048, 2089), (1096, 2128), (1151, 2206), (1176, 2236), (1200, 2263), (1364, 2446), (1369, 2452), (1385, 2473), (1449, 2527),

Gene: Toaka_11 Start: 6489, Stop: 8273, Start Num: 103
Candidate Starts for Toaka_11:
(Start: 103 @6489 has 236 MA's), (241, 6618), (298, 6717), (302, 6723), (314, 6741), (424, 6879), (487, 6951), (513, 7005), (538, 7044), (581, 7116), (620, 7206), (631, 7230), (704, 7347), (722, 7362), (778, 7470), (823, 7545), (898, 7641), (992, 7761), (1006, 7782), (1113, 7875), (1129, 7896), (1163, 7950), (1182, 7980), (1193, 7992), (1295, 8100), (1340, 8151), (1405, 8229), (1433, 8256), (1435, 8259),

Gene: Toast_2 Start: 378, Stop: 1928, Start Num: 193
Candidate Starts for Toast_2:
(Start: 151 @348 has 55 MA's), (Start: 167 @354 has 9 MA's), (Start: 173 @360 has 36 MA's), (Start: 175 @363 has 2 MA's), (Start: 193 @378 has 21 MA's), (255, 441), (289, 477), (Start: 297 @492 has 6 MA's), (Start: 306 @504 has 2 MA's), (Start: 318 @519 has 1 MA's), (342, 552), (384, 573), (399, 594), (419, 633), (431, 657), (465, 693), (487, 741), (513, 783), (520, 795), (593, 900), (661, 1020), (675, 1035), (745, 1113), (767, 1146), (778, 1164), (919, 1320), (956, 1359), (1002, 1431), (1060, 1479), (1078, 1497), (1107, 1518), (1112, 1527), (1113, 1530), (1146, 1560), (1187, 1614), (1278, 1701), (1317, 1743), (1358, 1794), (1463, 1911), (1464, 1917),

Gene: ToastyOats_7 Start: 2290, Stop: 3990, Start Num: 209
Candidate Starts for ToastyOats_7:

(Start: 155 @2233 has 202 MA's), (Start: 190 @2269 has 1 MA's), (Start: 209 @2290 has 22 MA's), (270, 2365), (Start: 295 @2413 has 6 MA's), (Start: 309 @2434 has 15 MA's), (339, 2482), (399, 2527), (402, 2530), (422, 2572), (431, 2590), (434, 2593), (444, 2596), (465, 2617), (520, 2719), (569, 2773), (620, 2887), (650, 2947), (665, 2968), (703, 3034), (704, 3037), (803, 3199), (852, 3265), (865, 3280), (973, 3451), (997, 3490), (1009, 3499), (1020, 3508), (1061, 3550), (1100, 3583), (1126, 3622), (1177, 3664), (1283, 3754), (1305, 3781), (1307, 3784), (1364, 3853), (1433, 3931), (1464, 3979),

Gene: Todacoro_12 Start: 7044, Stop: 8741, Start Num: 102
Candidate Starts for Todacoro_12:
(Start: 102 @7044 has 400 MA's), (Start: 124 @7068 has 46 MA's), (381, 7314), (508, 7488), (513, 7500), (538, 7539), (550, 7551), (581, 7608), (593, 7632), (620, 7698), (623, 7707), (675, 7788), (693, 7821), (774, 7953), (780, 7965), (812, 8019), (825, 8040), (848, 8073), (914, 8127), (983, 8214), (999, 8238), (1001, 8241), (1006, 8247), (1015, 8256), (1080, 8304), (1113, 8343), (1115, 8346), (1129, 8364), (1193, 8460), (1241, 8514), (1374, 8667), (1405, 8697), (1435, 8727), (1438, 8730),

Gene: Tokki_7 Start: 3531, Stop: 5273, Start Num: 307
Candidate Starts for Tokki_7:
(Start: 303 @3525 has 2 MA's), (Start: 307 @3531 has 198 MA's), (367, 3630), (433, 3750), (485, 3849), (516, 3921), (556, 3999), (572, 4020), (611, 4122), (644, 4191), (656, 4215), (663, 4224), (750, 4377), (791, 4452), (805, 4476), (872, 4581), (892, 4605), (956, 4686), (1053, 4803), (1071, 4821), (1076, 4827), (1111, 4869), (1120, 4890), (1123, 4893), (1249, 5073), (1273, 5097), (1290, 5121), (1299, 5133), (1315, 5151), (1370, 5223), (1372, 5226),

Gene: Tolls_6 Start: 1121, Stop: 2800, Start Num: 170
Candidate Starts for Tolls_6:
(Start: 170 @1121 has 103 MA's), (Start: 232 @1172 has 1 MA's), (Start: 249 @1193 has 1 MA's), (Start: 251 @1196 has 3 MA's), (304, 1238), (354, 1304), (407, 1364), (415, 1385), (424, 1394), (490, 1481), (509, 1517), (513, 1526), (543, 1577), (595, 1676), (603, 1697), (623, 1730), (645, 1766), (735, 1910), (760, 1946), (780, 1985), (874, 2132), (921, 2156), (987, 2255), (1076, 2339), (1146, 2426), (1214, 2522), (1269, 2570), (1282, 2594), (1330, 2645), (1394, 2726), (1454, 2786), (1456, 2789),

Gene: TomBrady_2 Start: 459, Stop: 1892, Start Num: 273
Candidate Starts for TomBrady_2:
(Start: 161 @360 has 29 MA's), (Start: 262 @456 has 67 MA's), (Start: 273 @459 has 4 MA's), (Start: 299 @495 has 5 MA's), (Start: 322 @534 has 1 MA's), (425, 696), (487, 783), (490, 792), (499, 810), (505, 822), (594, 942), (607, 978), (618, 999), (636, 1020), (675, 1068), (679, 1077), (820, 1230), (865, 1290), (882, 1308), (949, 1359), (962, 1386), (972, 1401), (973, 1404), (1074, 1485), (1109, 1530), (1172, 1605), (1187, 1623), (1205, 1644), (1259, 1689), (1277, 1707), (1280, 1710), (1353, 1803), (1428, 1884),

Gene: TomBrady12_3 Start: 1113, Stop: 2573, Start Num: 250
Candidate Starts for TomBrady12_3:
(Start: 250 @1113 has 144 MA's), (Start: 254 @1119 has 2 MA's), (358, 1281), (363, 1290), (399, 1350), (444, 1419), (465, 1440), (488, 1491), (619, 1695), (755, 1830), (806, 1908), (817, 1923), (829, 1941), (842, 1959), (880, 2001), (911, 2034), (926, 2052), (1015, 2172), (1020, 2175), (1039, 2187), (1047, 2199), (1060, 2211), (1113, 2262), (1160, 2319), (1172, 2325), (1178, 2334), (1187, 2343), (1190, 2346), (1330, 2508), (1337, 2517), (1344, 2526), (1372, 2565),

Gene: Toma_6 Start: 2395, Stop: 4023, Start Num: 113
Candidate Starts for Toma_6:
(Start: 95 @2377 has 98 MA's), (Start: 113 @2395 has 11 MA's), (Start: 330 @2599 has 14 MA's), (362, 2635), (504, 2815), (515, 2836), (575, 2923), (603, 2995), (620, 3019), (680, 3118), (690, 3133), (704, 3157), (712, 3163), (838, 3331), (903, 3391), (983, 3481), (997, 3502), (1088, 3592), (1129,

3640), (1193, 3739), (1214, 3760), (1219, 3766), (1236, 3784), (1372, 3940),

Gene: Tomathan_15 Start: 7375, Stop: 9162, Start Num: 103
Candidate Starts for Tomathan_15:
(33, 7216), (36, 7243), (Start: 103 @7375 has 236 MA's), (Start: 217 @7483 has 1 MA's), (234, 7504), (278, 7570), (298, 7612), (362, 7699), (512, 7894), (513, 7897), (581, 8005), (620, 8095), (631, 8119), (693, 8218), (718, 8248), (722, 8251), (780, 8362), (916, 8551), (1064, 8710), (1080, 8725), (1088, 8737), (1113, 8764), (1129, 8785), (1182, 8869), (1193, 8881), (1279, 8971), (1405, 9118), (1433, 9145), (1435, 9148),

Gene: Tonaltzin_19 Start: 10505, Stop: 12250, Start Num: 307
Candidate Starts for Tonaltzin_19:
(Start: 307 @10505 has 198 MA's), (310, 10511), (363, 10598), (367, 10604), (387, 10640), (417, 10694), (502, 10871), (523, 10913), (556, 10979), (572, 11000), (599, 11069), (644, 11171), (680, 11228), (709, 11285), (722, 11297), (750, 11357), (805, 11456), (808, 11462), (841, 11519), (892, 11585), (1050, 11771), (1053, 11780), (1111, 11846), (1120, 11867), (1123, 11870), (1249, 12050), (1288, 12095), (1290, 12098), (1299, 12110), (1370, 12200), (1372, 12203),

Gene: ToneTone_14 Start: 7446, Stop: 9200, Start Num: 103
Candidate Starts for ToneTone_14:
(Start: 103 @7446 has 236 MA's), (241, 7578), (298, 7677), (314, 7701), (Start: 330 @7728 has 14 MA's), (362, 7764), (424, 7839), (513, 7962), (523, 7977), (538, 8001), (581, 8070), (593, 8094), (594, 8097), (620, 8160), (631, 8184), (718, 8313), (722, 8316), (780, 8427), (914, 8589), (983, 8676), (992, 8688), (999, 8700), (1064, 8748), (1080, 8763), (1113, 8802), (1129, 8823), (1182, 8907), (1193, 8919), (1405, 9156), (1433, 9183), (1435, 9186),

Gene: Toniann_30 Start: 8628, Stop: 10376, Start Num: 148
Candidate Starts for Toniann_30:
(Start: 148 @8628 has 26 MA's), (Start: 176 @8658 has 3 MA's), (325, 8787), (457, 8973), (473, 9012), (488, 9036), (502, 9066), (512, 9084), (529, 9111), (543, 9141), (645, 9333), (654, 9351), (756, 9513), (787, 9561), (797, 9576), (963, 9759), (966, 9765), (1026, 9849), (1086, 9936), (1115, 9969), (1198, 10083), (1229, 10119), (1250, 10143), (1258, 10158), (1412, 10332), (1418, 10338),

Gene: TonyStarch_8 Start: 3146, Stop: 4891, Start Num: 307
Candidate Starts for TonyStarch_8:
(Start: 307 @3146 has 198 MA's), (342, 3200), (345, 3203), (363, 3239), (367, 3245), (488, 3479), (535, 3578), (556, 3620), (572, 3641), (589, 3683), (594, 3695), (637, 3794), (644, 3812), (666, 3848), (791, 4073), (805, 4097), (808, 4103), (892, 4226), (950, 4295), (1050, 4412), (1052, 4418), (1071, 4439), (1120, 4508), (1123, 4511), (1156, 4562), (1223, 4649), (1273, 4715), (1290, 4739), (1299, 4751), (1315, 4769), (1370, 4841), (1372, 4844),

Gene: Toodles_5 Start: 2022, Stop: 3719, Start Num: 209
Candidate Starts for Toodles_5:
(Start: 152 @1959 has 15 MA's), (178, 1989), (Start: 209 @2022 has 22 MA's), (Start: 295 @2142 has 6 MA's), (Start: 309 @2163 has 15 MA's), (Start: 317 @2178 has 15 MA's), (339, 2211), (Start: 397 @2253 has 4 MA's), (399, 2256), (422, 2301), (431, 2319), (434, 2322), (444, 2325), (474, 2364), (488, 2397), (518, 2445), (520, 2448), (569, 2502), (620, 2616), (648, 2673), (650, 2676), (665, 2697), (703, 2763), (803, 2928), (852, 2994), (865, 3009), (1009, 3228), (1020, 3237), (1061, 3279), (1100, 3312), (1126, 3351), (1177, 3393), (1283, 3483), (1305, 3510), (1307, 3513), (1364, 3582), (1433, 3660), (1464, 3708),

Gene: Topanga_11 Start: 6816, Stop: 8507, Start Num: 102
Candidate Starts for Topanga_11:

(Start: 102 @6816 has 400 MA's), (Start: 124 @6840 has 46 MA's), (Start: 251 @6963 has 3 MA's), (362, 7083), (381, 7095), (412, 7140), (467, 7194), (485, 7221), (490, 7236), (513, 7281), (538, 7320), (575, 7368), (581, 7389), (593, 7413), (620, 7464), (693, 7587), (774, 7719), (816, 7794), (848, 7839), (923, 7905), (983, 7980), (999, 8004), (1080, 8070), (1113, 8109), (1115, 8112), (1129, 8130), (1193, 8226), (1250, 8295), (1405, 8463), (1435, 8493), (1438, 8496),

Gene: Topgun_11 Start: 6738, Stop: 8426, Start Num: 102
Candidate Starts for Topgun_11:
(Start: 102 @6738 has 400 MA's), (381, 7002), (402, 7026), (513, 7188), (535, 7221), (581, 7296), (620, 7386), (631, 7410), (679, 7485), (774, 7641), (778, 7650), (808, 7698), (809, 7701), (1009, 7935), (1021, 7947), (1080, 7989), (1100, 8010), (1117, 8037), (1193, 8145), (1279, 8235), (1365, 8340),

Gene: Topiatin_4 Start: 1235, Stop: 2872, Start Num: 155
Candidate Starts for Topiatin_4:
(Start: 155 @1235 has 202 MA's), (168, 1250), (Start: 176 @1259 has 3 MA's), (182, 1265), (Start: 217 @1292 has 1 MA's), (Start: 247 @1316 has 171 MA's), (Start: 250 @1319 has 144 MA's), (Start: 318 @1382 has 1 MA's), (Start: 330 @1400 has 14 MA's), (353, 1421), (412, 1508), (414, 1514), (454, 1568), (473, 1580), (484, 1592), (487, 1601), (488, 1604), (496, 1625), (508, 1646), (516, 1661), (548, 1718), (575, 1757), (602, 1826), (604, 1832), (621, 1862), (622, 1865), (627, 1874), (635, 1889), (647, 1907), (680, 1958), (740, 2060), (862, 2231), (874, 2243), (983, 2327), (1005, 2357), (1007, 2360), (1010, 2363), (1080, 2420), (1097, 2435), (1101, 2441), (1104, 2444), (1113, 2459), (1117, 2468), (1164, 2537), (1190, 2567), (1196, 2576), (1225, 2609), (1250, 2642), (1265, 2669), (1297, 2702), (1325, 2732), (1349, 2753), (1365, 2777), (1372, 2786), (1374, 2789), (1429, 2846),

Gene: Topper_8 Start: 1637, Stop: 3058, Start Num: 247
Candidate Starts for Topper_8:
(Start: 165 @1565 has 76 MA's), (Start: 230 @1625 has 31 MA's), (Start: 247 @1637 has 171 MA's), (Start: 336 @1748 has 12 MA's), (342, 1754), (391, 1832), (402, 1841), (425, 1889), (444, 1907), (487, 1976), (514, 2018), (517, 2024), (532, 2051), (533, 2054), (607, 2171), (611, 2180), (675, 2261), (792, 2375), (820, 2423), (827, 2435), (851, 2465), (870, 2489), (880, 2501), (959, 2579), (962, 2585), (1112, 2729), (1146, 2762), (1187, 2816), (1353, 2993), (1425, 3047),

Gene: Toro_14 Start: 8301, Stop: 10001, Start Num: 102
Candidate Starts for Toro_14:
(Start: 102 @8301 has 400 MA's), (Start: 161 @8364 has 29 MA's), (320, 8508), (350, 8538), (381, 8571), (424, 8634), (513, 8757), (523, 8772), (581, 8865), (593, 8889), (620, 8955), (722, 9111), (774, 9210), (825, 9297), (848, 9330), (914, 9384), (926, 9399), (981, 9468), (983, 9471), (999, 9495), (1088, 9573), (1193, 9717), (1236, 9762), (1295, 9825), (1374, 9924), (1405, 9954), (1435, 9987),

Gene: Toron_2 Start: 458, Stop: 2236, Start Num: 87
Candidate Starts for Toron_2:
(Start: 87 @458 has 22 MA's), (101, 479), (Start: 131 @509 has 1 MA's), (147, 530), (Start: 175 @560 has 2 MA's), (183, 566), (Start: 198 @581 has 4 MA's), (257, 632), (Start: 322 @695 has 1 MA's), (Start: 330 @707 has 14 MA's), (362, 743), (408, 791), (414, 806), (424, 818), (426, 824), (484, 881), (485, 884), (487, 890), (492, 905), (502, 923), (504, 926), (513, 944), (595, 1085), (602, 1103), (620, 1130), (631, 1154), (645, 1187), (696, 1265), (756, 1364), (765, 1379), (812, 1421), (825, 1442), (842, 1466), (848, 1475), (866, 1499), (927, 1541), (929, 1544), (956, 1568), (981, 1607), (983, 1610), (993, 1625), (1006, 1643), (1091, 1727), (1102, 1742), (1105, 1745), (1113, 1757), (1139, 1796), (1163, 1847), (1165, 1853), (1182, 1889), (1193, 1901), (1211, 1925), (1234, 1952), (1241, 1964), (1254, 2000), (1281, 2036), (1325, 2084), (1332, 2090), (1355, 2123), (1360, 2129), (1365, 2135), (1370, 2141), (1372, 2144), (1381, 2156), (1402, 2174), (1421, 2195), (1437, 2213), (1448, 2225),

Gene: Torres_4 Start: 847, Stop: 2271, Start Num: 247

Candidate Starts for Torres_4:
(Start: 230 @835 has 31 MA's), (Start: 247 @847 has 171 MA's), (310, 913), (Start: 336 @958 has 12 MA's), (363, 1003), (391, 1042), (402, 1051), (425, 1099), (444, 1117), (463, 1135), (487, 1186), (517, 1234), (532, 1261), (607, 1381), (611, 1390), (637, 1426), (638, 1429), (675, 1471), (686, 1489), (792, 1585), (816, 1627), (820, 1633), (827, 1645), (851, 1675), (856, 1681), (870, 1699), (893, 1726), (962, 1795), (1042, 1867), (1112, 1939), (1146, 1972), (1150, 1981), (1172, 2008), (1187, 2026), (1353, 2203), (1425, 2260), (1431, 2266),

Gene: Tortellini_2 Start: 401, Stop: 2080, Start Num: 138
Candidate Starts for Tortellini_2:
(Start: 138 @401 has 120 MA's), (Start: 220 @494 has 6 MA's), (Start: 235 @512 has 7 MA's), (248, 527), (310, 602), (314, 608), (Start: 318 @617 has 1 MA's), (349, 656), (380, 713), (396, 737), (421, 782), (426, 794), (431, 803), (444, 809), (483, 866), (488, 881), (490, 887), (558, 989), (650, 1169), (659, 1178), (745, 1274), (766, 1304), (778, 1325), (902, 1466), (919, 1478), (959, 1523), (972, 1553), (1015, 1601), (1057, 1634), (1080, 1658), (1107, 1676), (1112, 1685), (1139, 1712), (1172, 1754), (1187, 1772), (1290, 1871), (1463, 2063),

Gene: Tortoise12_2 Start: 501, Stop: 2036, Start Num: 227
Candidate Starts for Tortoise12_2:
(Start: 227 @501 has 25 MA's), (Start: 230 @504 has 31 MA's), (246, 516), (Start: 249 @519 has 1 MA's), (292, 576), (Start: 307 @594 has 198 MA's), (316, 606), (390, 678), (Start: 403 @696 has 1 MA's), (412, 714), (422, 735), (474, 798), (490, 837), (507, 870), (539, 918), (583, 1002), (593, 1017), (613, 1068), (618, 1077), (637, 1101), (659, 1140), (661, 1143), (677, 1155), (747, 1281), (766, 1305), (808, 1368), (878, 1452), (950, 1524), (962, 1548), (981, 1590), (987, 1599), (1043, 1656), (1080, 1695), (1136, 1752), (1146, 1758), (1152, 1761), (1187, 1782), (1226, 1830), (1278, 1866), (1349, 1947), (1353, 1953),

Gene: Tote_13 Start: 7479, Stop: 9167, Start Num: 102
Candidate Starts for Tote_13:
(Start: 102 @7479 has 400 MA's), (Start: 309 @7659 has 15 MA's), (381, 7743), (408, 7779), (424, 7806), (513, 7929), (581, 8037), (620, 8127), (631, 8151), (647, 8178), (679, 8226), (774, 8382), (809, 8442), (1009, 8676), (1021, 8688), (1080, 8730), (1100, 8751), (1117, 8778), (1193, 8886), (1279, 8976), (1365, 9081),

Gene: TouchMeNot_3 Start: 1236, Stop: 2873, Start Num: 162
Candidate Starts for TouchMeNot_3:
(Start: 162 @1236 has 4 MA's), (183, 1260), (Start: 253 @1338 has 2 MA's), (320, 1404), (408, 1503), (415, 1521), (424, 1530), (426, 1536), (473, 1584), (477, 1590), (485, 1599), (504, 1641), (508, 1647), (509, 1650), (513, 1659), (558, 1737), (620, 1854), (625, 1866), (626, 1869), (631, 1878), (675, 1941), (722, 2013), (735, 2046), (808, 2124), (907, 2235), (956, 2280), (1105, 2412), (1111, 2418), (1179, 2550), (1210, 2589), (1279, 2679), (1301, 2706), (1370, 2787), (1381, 2802), (1383, 2805), (1396, 2814), (1442, 2862),

Gene: Toulouse_3 Start: 596, Stop: 2086, Start Num: 202
Candidate Starts for Toulouse_3:
(Start: 202 @596 has 39 MA's), (245, 641), (Start: 318 @743 has 1 MA's), (Start: 333 @761 has 4 MA's), (Start: 336 @770 has 12 MA's), (Start: 397 @821 has 4 MA's), (399, 824), (405, 833), (419, 863), (434, 890), (506, 989), (577, 1088), (585, 1112), (586, 1115), (588, 1118), (607, 1163), (714, 1313), (789, 1397), (820, 1445), (827, 1457), (864, 1496), (886, 1514), (902, 1526), (904, 1529), (922, 1550), (937, 1556), (946, 1568), (987, 1646), (1047, 1700), (1112, 1754), (1121, 1766), (1206, 1859), (1299, 1943), (1349, 2000), (1406, 2069),

Gene: Tourach_4 Start: 1085, Stop: 2653, Start Num: 138

Candidate Starts for Tourach_4:
(Start: 138 @1085 has 120 MA's), (Start: 142 @1091 has 6 MA's), (149, 1100), (Start: 284 @1247 has 1 MA's), (361, 1349), (444, 1439), (482, 1490), (512, 1544), (591, 1682), (594, 1688), (602, 1709), (675, 1808), (776, 1934), (791, 1955), (807, 1979), (809, 1985), (827, 2015), (832, 2021), (863, 2057), (942, 2114), (959, 2141), (962, 2147), (1023, 2225), (1060, 2261), (1116, 2306), (1172, 2372), (1234, 2447), (1278, 2474), (1420, 2621), (1448, 2645), (1450, 2648),

Gene: Towmatter_11 Start: 4822, Stop: 6558, Start Num: 148
Candidate Starts for Towmatter_11:
(Start: 148 @4822 has 26 MA's), (163, 4837), (Start: 238 @4894 has 22 MA's), (Start: 305 @4951 has 33 MA's), (411, 5083), (467, 5194), (488, 5230), (538, 5326), (615, 5470), (629, 5497), (654, 5545), (789, 5752), (814, 5797), (966, 5950), (1080, 6112), (1146, 6193), (1198, 6268), (1258, 6340), (1289, 6376), (1318, 6412), (1372, 6472),

Gene: TpudiCK_15 Start: 4718, Stop: 6262, Start Num: 170
Candidate Starts for TpudiCK_15:
(Start: 170 @4718 has 103 MA's), (215, 4766), (398, 4967), (487, 5105), (606, 5297), (776, 5507), (809, 5558), (863, 5630), (959, 5693), (970, 5717), (977, 5732), (1041, 5792), (1050, 5804), (1113, 5864), (1142, 5897), (1160, 5930), (1190, 5957), (1228, 6005), (1400, 6191), (1420, 6212),

Gene: Tracker_24 Start: 11932, Stop: 13659, Start Num: 153
Candidate Starts for Tracker_24:
(30, 11698), (Start: 72 @11827 has 7 MA's), (Start: 153 @11932 has 15 MA's), (Start: 317 @12082 has 15 MA's), (351, 12133), (353, 12139), (379, 12178), (Start: 403 @12208 has 1 MA's), (414, 12232), (424, 12250), (437, 12277), (464, 12340), (473, 12358), (621, 12643), (635, 12670), (691, 12754), (740, 12838), (748, 12850), (768, 12883), (824, 12961), (883, 13039), (983, 13111), (1007, 13144), (1054, 13207), (1080, 13234), (1104, 13258), (1117, 13282), (1196, 13381), (1237, 13429), (1365, 13567), (1387, 13597), (1445, 13651),

Gene: Trackstar_3 Start: 1179, Stop: 2639, Start Num: 250
Candidate Starts for Trackstar_3:
(Start: 250 @1179 has 144 MA's), (Start: 254 @1185 has 2 MA's), (358, 1347), (363, 1356), (399, 1416), (444, 1485), (465, 1506), (488, 1557), (619, 1761), (755, 1896), (806, 1974), (817, 1989), (829, 2007), (842, 2025), (880, 2067), (911, 2100), (926, 2118), (1015, 2238), (1020, 2241), (1039, 2253), (1047, 2265), (1060, 2277), (1113, 2328), (1160, 2385), (1172, 2391), (1178, 2400), (1187, 2409), (1190, 2412), (1330, 2574), (1337, 2583), (1344, 2592), (1372, 2631),

Gene: Traft412_13 Start: 7666, Stop: 9354, Start Num: 102
Candidate Starts for Traft412_13:
(Start: 102 @7666 has 400 MA's), (381, 7930), (402, 7954), (513, 8116), (535, 8149), (581, 8224), (620, 8314), (631, 8338), (647, 8365), (679, 8413), (774, 8569), (809, 8629), (1009, 8863), (1021, 8875), (1080, 8917), (1100, 8938), (1117, 8965), (1193, 9073), (1279, 9163), (1365, 9268),

Gene: Travvers_15 Start: 7375, Stop: 9162, Start Num: 103
Candidate Starts for Travvers_15:
(33, 7216), (36, 7243), (Start: 103 @7375 has 236 MA's), (Start: 217 @7483 has 1 MA's), (234, 7504), (278, 7570), (298, 7612), (362, 7699), (512, 7894), (513, 7897), (581, 8005), (620, 8095), (631, 8119), (693, 8218), (718, 8248), (722, 8251), (780, 8362), (916, 8551), (1064, 8710), (1080, 8725), (1088, 8737), (1113, 8764), (1129, 8785), (1182, 8869), (1193, 8881), (1279, 8971), (1405, 9118), (1433, 9145), (1435, 9148),

Gene: Trax_12 Start: 4818, Stop: 6263, Start Num: 230
Candidate Starts for Trax_12:

(Start: 230 @4818 has 31 MA's), (396, 5004), (465, 5097), (510, 5178), (516, 5190), (537, 5223), (554, 5229), (566, 5247), (572, 5256), (607, 5340), (611, 5349), (651, 5409), (677, 5427), (776, 5547), (794, 5574), (843, 5643), (876, 5673), (946, 5739), (1020, 5844), (1047, 5871), (1116, 5931), (1146, 5955), (1174, 5994), (1226, 6057), (1293, 6108), (1352, 6165),

Gene: Treddle_13 Start: 7975, Stop: 9663, Start Num: 110
Candidate Starts for Treddle_13:
(Start: 110 @7975 has 24 MA's), (Start: 309 @8155 has 15 MA's), (381, 8239), (Start: 403 @8266 has 1 MA's), (408, 8275), (513, 8425), (535, 8458), (581, 8533), (620, 8623), (631, 8647), (647, 8674), (679, 8722), (774, 8878), (809, 8938), (1009, 9172), (1021, 9184), (1080, 9226), (1100, 9247), (1117, 9274), (1193, 9382), (1279, 9472), (1365, 9577),

Gene: TreyKay_8 Start: 1562, Stop: 2983, Start Num: 247
Candidate Starts for TreyKay_8:
(Start: 165 @1490 has 76 MA's), (Start: 230 @1550 has 31 MA's), (Start: 247 @1562 has 171 MA's), (Start: 336 @1673 has 12 MA's), (342, 1679), (391, 1757), (402, 1766), (425, 1814), (444, 1832), (487, 1901), (514, 1943), (517, 1949), (532, 1976), (533, 1979), (607, 2096), (611, 2105), (675, 2186), (792, 2300), (820, 2348), (827, 2360), (851, 2390), (870, 2414), (880, 2426), (959, 2504), (962, 2510), (1112, 2654), (1146, 2687), (1187, 2741), (1353, 2918), (1425, 2972),

Gene: TriFive_5 Start: 1190, Stop: 2755, Start Num: 138
Candidate Starts for TriFive_5:
(97, 1139), (Start: 105 @1148 has 85 MA's), (Start: 138 @1190 has 120 MA's), (Start: 142 @1196 has 6 MA's), (293, 1367), (Start: 317 @1397 has 15 MA's), (396, 1472), (402, 1478), (405, 1484), (506, 1640), (512, 1649), (513, 1652), (515, 1655), (566, 1730), (591, 1784), (593, 1787), (594, 1790), (766, 2021), (813, 2096), (827, 2117), (832, 2123), (900, 2192), (942, 2216), (954, 2234), (962, 2249), (1060, 2363), (1113, 2402), (1116, 2408), (1172, 2474), (1216, 2528), (1263, 2564), (1278, 2576), (1329, 2615), (1400, 2702), (1448, 2747), (1450, 2750),

Gene: Tribby_8 Start: 3847, Stop: 5601, Start Num: 307
Candidate Starts for Tribby_8:
(279, 3793), (Start: 303 @3841 has 2 MA's), (Start: 307 @3847 has 198 MA's), (363, 3940), (367, 3946), (469, 4138), (502, 4213), (516, 4243), (532, 4273), (556, 4321), (570, 4339), (572, 4342), (589, 4384), (644, 4513), (750, 4699), (805, 4798), (847, 4870), (892, 4927), (950, 5005), (956, 5017), (1053, 5131), (1071, 5149), (1109, 5194), (1120, 5218), (1123, 5221), (1150, 5260), (1249, 5401), (1288, 5446), (1290, 5449), (1299, 5461), (1336, 5509), (1363, 5542), (1370, 5551), (1372, 5554),

Gene: TribleTrouble_6 Start: 1306, Stop: 2730, Start Num: 247
Candidate Starts for TribleTrouble_6:
(199, 1267), (Start: 230 @1294 has 31 MA's), (Start: 247 @1306 has 171 MA's), (310, 1372), (312, 1375), (Start: 322 @1393 has 1 MA's), (Start: 336 @1417 has 12 MA's), (391, 1501), (402, 1510), (425, 1558), (444, 1576), (463, 1594), (487, 1645), (514, 1687), (517, 1693), (532, 1720), (607, 1840), (611, 1849), (675, 1930), (686, 1948), (792, 2044), (820, 2092), (827, 2104), (851, 2134), (870, 2158), (880, 2170), (962, 2254), (992, 2296), (1111, 2395), (1112, 2398), (1150, 2440), (1157, 2455), (1184, 2482), (1187, 2485), (1353, 2662),

Gene: Trice_4 Start: 847, Stop: 2271, Start Num: 247
Candidate Starts for Trice_4:
(Start: 230 @835 has 31 MA's), (Start: 247 @847 has 171 MA's), (310, 913), (Start: 336 @958 has 12 MA's), (363, 1003), (391, 1042), (402, 1051), (425, 1099), (444, 1117), (463, 1135), (487, 1186), (517, 1234), (532, 1261), (607, 1381), (611, 1390), (637, 1426), (638, 1429), (675, 1471), (686, 1489), (792, 1585), (816, 1627), (820, 1633), (827, 1645), (851, 1675), (856, 1681), (870, 1699), (893, 1726), (962, 1795), (1042, 1867), (1112, 1939), (1146, 1972), (1150, 1981), (1172, 2008), (1187, 2026), (1353,

2203), (1425, 2260), (1431, 2266),

Gene: Trike_9 Start: 4773, Stop: 6464, Start Num: 102
Candidate Starts for Trike_9:
(Start: 102 @4773 has 400 MA's), (Start: 124 @4797 has 46 MA's), (Start: 251 @4920 has 3 MA's), (Start: 330 @5004 has 14 MA's), (362, 5040), (381, 5052), (411, 5094), (490, 5193), (513, 5238), (538, 5277), (575, 5325), (581, 5346), (593, 5370), (620, 5421), (693, 5544), (782, 5691), (816, 5751), (848, 5796), (983, 5937), (1028, 5991), (1080, 6027), (1113, 6066), (1129, 6087), (1193, 6183), (1250, 6252), (1405, 6420), (1435, 6450), (1438, 6453),

Gene: Trine_2 Start: 545, Stop: 2110, Start Num: 211
Candidate Starts for Trine_2:
(Start: 211 @545 has 13 MA's), (Start: 220 @557 has 6 MA's), (Start: 295 @650 has 6 MA's), (Start: 317 @686 has 15 MA's), (405, 773), (431, 827), (487, 905), (513, 947), (522, 962), (537, 992), (569, 1013), (593, 1061), (611, 1112), (648, 1184), (652, 1190), (790, 1316), (877, 1418), (885, 1427), (896, 1439), (903, 1448), (959, 1511), (962, 1517), (975, 1550), (987, 1568), (1009, 1601), (1015, 1607), (1040, 1628), (1046, 1637), (1048, 1640), (1176, 1808), (1177, 1811), (1221, 1865), (1225, 1868), (1245, 1895), (1305, 1946), (1451, 2102),

Gene: Tripl3t_12 Start: 7661, Stop: 9349, Start Num: 102
Candidate Starts for Tripl3t_12:
(Start: 102 @7661 has 400 MA's), (381, 7925), (402, 7949), (499, 8084), (513, 8111), (535, 8144), (581, 8219), (620, 8309), (631, 8333), (647, 8360), (679, 8408), (774, 8564), (778, 8573), (809, 8624), (1001, 8849), (1009, 8858), (1021, 8870), (1080, 8912), (1100, 8933), (1117, 8960), (1193, 9068), (1279, 9158), (1365, 9263),

Gene: TripleC_7 Start: 4668, Stop: 6197, Start Num: 208
Candidate Starts for TripleC_7:
(Start: 208 @4668 has 5 MA's), (Start: 297 @4755 has 6 MA's), (Start: 307 @4770 has 198 MA's), (405, 4875), (485, 4998), (495, 5025), (611, 5256), (618, 5268), (650, 5325), (750, 5481), (765, 5502), (808, 5568), (810, 5574), (979, 5781), (1082, 5865), (1228, 6000),

Gene: Trireme_3 Start: 1179, Stop: 2639, Start Num: 250
Candidate Starts for Trireme_3:
(Start: 250 @1179 has 144 MA's), (Start: 254 @1185 has 2 MA's), (358, 1347), (363, 1356), (399, 1416), (444, 1485), (465, 1506), (488, 1557), (619, 1761), (755, 1896), (806, 1974), (817, 1989), (829, 2007), (842, 2025), (880, 2067), (911, 2100), (926, 2118), (1015, 2238), (1020, 2241), (1039, 2253), (1047, 2265), (1060, 2277), (1113, 2328), (1160, 2385), (1172, 2391), (1178, 2400), (1187, 2409), (1190, 2412), (1330, 2574), (1337, 2583), (1344, 2592), (1372, 2631),

Gene: Tristan_13 Start: 9212, Stop: 10990, Start Num: 103
Candidate Starts for Tristan_13:
(Start: 103 @9212 has 236 MA's), (Start: 121 @9230 has 5 MA's), (241, 9341), (Start: 251 @9353 has 3 MA's), (275, 9395), (281, 9407), (282, 9416), (298, 9440), (362, 9527), (512, 9722), (513, 9725), (538, 9764), (581, 9833), (620, 9923), (631, 9947), (693, 10046), (722, 10079), (916, 10379), (983, 10466), (1088, 10565), (1113, 10592), (1129, 10613), (1193, 10709), (1405, 10946), (1433, 10973), (1435, 10976),

Gene: Triste_6 Start: 2377, Stop: 4023, Start Num: 95
Candidate Starts for Triste_6:
(Start: 95 @2377 has 98 MA's), (Start: 113 @2395 has 11 MA's), (Start: 251 @2527 has 3 MA's), (Start: 330 @2599 has 14 MA's), (362, 2635), (504, 2815), (515, 2836), (548, 2881), (575, 2923), (603, 2995), (620, 3019), (680, 3118), (690, 3133), (704, 3157), (712, 3163), (838, 3331), (983, 3481), (997,

3502), (1064, 3565), (1088, 3592), (1165, 3700), (1193, 3739), (1212, 3757), (1214, 3760), (1219, 3766), (1236, 3784), (1372, 3940), (1445, 4018),

Gene: Trixie_15 Start: 9087, Stop: 10874, Start Num: 103
Candidate Starts for Trixie_15:
(Start: 103 @9087 has 236 MA's), (Start: 217 @9195 has 1 MA's), (234, 9216), (298, 9324), (Start: 330 @9375 has 14 MA's), (362, 9411), (512, 9606), (513, 9609), (581, 9717), (620, 9807), (631, 9831), (722, 9963), (983, 10350), (1088, 10449), (1113, 10476), (1115, 10479), (1129, 10497), (1193, 10593), (1405, 10830), (1433, 10857), (1435, 10860), (1438, 10863), (1440, 10866),

Gene: TrixiePhattel_8 Start: 3466, Stop: 5199, Start Num: 307
Candidate Starts for TrixiePhattel_8:
(Start: 303 @3460 has 2 MA's), (Start: 307 @3466 has 198 MA's), (367, 3565), (478, 3766), (516, 3850), (556, 3928), (570, 3946), (572, 3949), (599, 4018), (644, 4120), (656, 4144), (709, 4234), (750, 4306), (785, 4372), (805, 4405), (820, 4435), (847, 4477), (892, 4534), (950, 4603), (956, 4615), (1053, 4729), (1071, 4747), (1120, 4816), (1123, 4819), (1190, 4912), (1249, 4999), (1273, 5023), (1290, 5047), (1299, 5059), (1309, 5071), (1370, 5149), (1372, 5152),

Gene: Troje_4 Start: 1111, Stop: 2790, Start Num: 170
Candidate Starts for Troje_4:
(Start: 170 @1111 has 103 MA's), (Start: 232 @1162 has 1 MA's), (Start: 249 @1183 has 1 MA's), (300, 1222), (362, 1309), (407, 1354), (415, 1375), (424, 1384), (485, 1456), (509, 1507), (513, 1516), (543, 1567), (595, 1666), (603, 1687), (623, 1720), (645, 1756), (735, 1900), (760, 1936), (780, 1975), (798, 2008), (825, 2056), (866, 2113), (921, 2146), (954, 2179), (987, 2245), (992, 2251), (1062, 2317), (1076, 2329), (1146, 2416), (1214, 2512), (1269, 2560), (1330, 2635), (1394, 2716), (1454, 2776), (1456, 2779),

Gene: Trooper_12 Start: 7244, Stop: 9031, Start Num: 103
Candidate Starts for Trooper_12:
(Start: 103 @7244 has 236 MA's), (Start: 217 @7352 has 1 MA's), (234, 7373), (288, 7463), (298, 7481), (Start: 330 @7532 has 14 MA's), (362, 7568), (411, 7622), (424, 7643), (466, 7676), (513, 7766), (538, 7805), (581, 7874), (620, 7964), (631, 7988), (704, 8105), (722, 8120), (983, 8507), (1088, 8606), (1113, 8633), (1115, 8636), (1129, 8654), (1193, 8750), (1405, 8987), (1435, 9017),

Gene: Trouble_11 Start: 7310, Stop: 8998, Start Num: 102
Candidate Starts for Trouble_11:
(Start: 102 @7310 has 400 MA's), (Start: 309 @7490 has 15 MA's), (381, 7574), (408, 7610), (424, 7637), (513, 7760), (581, 7868), (620, 7958), (631, 7982), (647, 8009), (679, 8057), (728, 8126), (767, 8201), (774, 8213), (809, 8273), (1001, 8498), (1009, 8507), (1021, 8519), (1080, 8561), (1100, 8582), (1117, 8609), (1193, 8717), (1279, 8807), (1365, 8912),

Gene: Troy_2 Start: 374, Stop: 1957, Start Num: 220
Candidate Starts for Troy_2:
(Start: 218 @371 has 8 MA's), (Start: 220 @374 has 6 MA's), (Start: 225 @380 has 84 MA's), (350, 551), (Start: 397 @629 has 4 MA's), (Start: 403 @638 has 1 MA's), (513, 812), (587, 914), (591, 920), (595, 929), (598, 938), (623, 998), (648, 1046), (650, 1049), (748, 1112), (809, 1205), (867, 1271), (983, 1427), (998, 1445), (1049, 1490), (1080, 1532), (1114, 1568), (1122, 1583), (1142, 1610), (1146, 1613), (1154, 1628), (1183, 1661), (1197, 1676), (1235, 1724), (1277, 1754), (1291, 1772), (1350, 1847), (1411, 1922), (1448, 1946),

Gene: TroyPia_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for TroyPia_11:

(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Truckee_7 Start: 3607, Stop: 5346, Start Num: 307
Candidate Starts for Truckee_7:
(Start: 303 @3601 has 2 MA's), (Start: 307 @3607 has 198 MA's), (367, 3706), (433, 3826), (485, 3925), (516, 3997), (556, 4075), (572, 4096), (611, 4198), (644, 4267), (656, 4291), (663, 4300), (750, 4453), (791, 4528), (805, 4552), (872, 4657), (892, 4681), (956, 4762), (1053, 4876), (1071, 4894), (1076, 4900), (1111, 4942), (1120, 4963), (1123, 4966), (1126, 4972), (1249, 5146), (1273, 5170), (1290, 5194), (1299, 5206), (1315, 5224), (1370, 5296), (1372, 5299),

Gene: Trufflozitus_13 Start: 7494, Stop: 9239, Start Num: 307
Candidate Starts for Trufflozitus_13:
(Start: 307 @7494 has 198 MA's), (310, 7500), (363, 7587), (367, 7593), (387, 7629), (417, 7683), (467, 7779), (556, 7968), (570, 7986), (572, 7989), (599, 8058), (644, 8160), (666, 8196), (680, 8217), (693, 8241), (728, 8298), (750, 8346), (785, 8412), (805, 8445), (808, 8451), (823, 8481), (837, 8502), (892, 8574), (1053, 8769), (1111, 8835), (1120, 8856), (1123, 8859), (1160, 8919), (1244, 9030), (1274, 9066), (1290, 9087), (1299, 9099), (1334, 9144), (1336, 9147), (1370, 9189), (1372, 9192),

Gene: TruffulaTree_8 Start: 1587, Stop: 3008, Start Num: 247
Candidate Starts for TruffulaTree_8:
(Start: 165 @1515 has 76 MA's), (Start: 230 @1575 has 31 MA's), (Start: 247 @1587 has 171 MA's), (Start: 336 @1698 has 12 MA's), (342, 1704), (391, 1782), (402, 1791), (425, 1839), (444, 1857), (487, 1926), (514, 1968), (517, 1974), (532, 2001), (533, 2004), (607, 2121), (611, 2130), (675, 2211), (792, 2325), (820, 2373), (827, 2385), (851, 2415), (870, 2439), (880, 2451), (893, 2466), (959, 2529), (962, 2535), (1112, 2679), (1146, 2712), (1187, 2766), (1353, 2943), (1425, 2997),

Gene: Trumpet_2 Start: 498, Stop: 2222, Start Num: 305
Candidate Starts for Trumpet_2:
(Start: 295 @483 has 6 MA's), (Start: 305 @498 has 33 MA's), (373, 588), (510, 828), (513, 834), (526, 858), (555, 915), (590, 987), (696, 1185), (728, 1227), (732, 1233), (782, 1317), (807, 1344), (885, 1455), (908, 1482), (1013, 1659), (1191, 1932), (1194, 1935), (1197, 1941), (1212, 1962), (1245, 2001), (1281, 2049), (1289, 2058), (1307, 2082), (1332, 2100), (1374, 2157), (1439, 2214),

Gene: Trustiboi_7 Start: 3738, Stop: 5477, Start Num: 307
Candidate Starts for Trustiboi_7:
(Start: 307 @3738 has 198 MA's), (367, 3837), (433, 3957), (485, 4056), (502, 4098), (516, 4128), (532, 4158), (556, 4206), (572, 4227), (611, 4329), (644, 4398), (656, 4422), (750, 4584), (791, 4659), (805, 4683), (892, 4812), (956, 4893), (1053, 5007), (1071, 5025), (1076, 5031), (1120, 5094), (1123, 5097), (1252, 5286), (1273, 5301), (1290, 5325), (1299, 5337), (1370, 5427), (1372, 5430),

Gene: TrvxScott_5 Start: 2201, Stop: 3847, Start Num: 95
Candidate Starts for TrvxScott_5:
(Start: 95 @2201 has 98 MA's), (Start: 207 @2297 has 6 MA's), (381, 2471), (402, 2495), (407, 2504), (485, 2597), (490, 2612), (504, 2639), (515, 2660), (575, 2747), (603, 2819), (620, 2843), (680, 2942), (701, 2978), (768, 3083), (813, 3119), (838, 3155), (851, 3173), (981, 3302), (983, 3305), (992, 3317), (997, 3326), (1004, 3335), (1064, 3389), (1088, 3416), (1113, 3443), (1133, 3470), (1165, 3524), (1193, 3563), (1214, 3584), (1236, 3608), (1250, 3632), (1292, 3668), (1372, 3764), (1445, 3842),

Gene: TuanPN_6 Start: 2380, Stop: 4026, Start Num: 95

Candidate Starts for TuanPN_6:
(Start: 95 @2380 has 98 MA's), (Start: 113 @2398 has 11 MA's), (Start: 330 @2602 has 14 MA's), (362, 2638), (504, 2818), (515, 2839), (575, 2926), (603, 2998), (620, 3022), (680, 3121), (690, 3136), (704, 3160), (712, 3166), (838, 3334), (903, 3394), (983, 3484), (997, 3505), (1088, 3595), (1165, 3703), (1193, 3742), (1214, 3763), (1219, 3769), (1236, 3787), (1372, 3943), (1445, 4021),

Gene: Tubs_13 Start: 8109, Stop: 9896, Start Num: 103
Candidate Starts for Tubs_13:
(Start: 103 @8109 has 236 MA's), (Start: 117 @8124 has 10 MA's), (Start: 121 @8130 has 5 MA's), (241, 8241), (298, 8340), (424, 8502), (487, 8574), (513, 8628), (538, 8667), (581, 8739), (620, 8829), (631, 8853), (704, 8970), (722, 8985), (778, 9093), (823, 9168), (848, 9204), (898, 9264), (992, 9384), (1006, 9405), (1064, 9444), (1113, 9498), (1115, 9501), (1129, 9519), (1163, 9573), (1182, 9603), (1193, 9615), (1279, 9705), (1295, 9723), (1405, 9852), (1433, 9879), (1435, 9882),

Gene: Tuck_3 Start: 1594, Stop: 3300, Start Num: 124
Candidate Starts for Tuck_3:
(Start: 124 @1594 has 46 MA's), (513, 2023), (546, 2071), (595, 2161), (667, 2293), (693, 2335), (881, 2587), (983, 2710), (1165, 2929), (1193, 2965), (1209, 2980), (1292, 3115), (1372, 3211), (1381, 3223),

Gene: Tucker_15 Start: 7533, Stop: 9287, Start Num: 103
Candidate Starts for Tucker_15:
(Start: 103 @7533 has 236 MA's), (241, 7665), (298, 7764), (314, 7788), (Start: 330 @7815 has 14 MA's), (362, 7851), (424, 7926), (513, 8049), (523, 8064), (538, 8088), (581, 8157), (593, 8181), (594, 8184), (620, 8247), (631, 8271), (718, 8400), (722, 8403), (780, 8514), (914, 8676), (983, 8763), (992, 8775), (999, 8787), (1064, 8835), (1080, 8850), (1113, 8889), (1129, 8910), (1182, 8994), (1193, 9006), (1405, 9243), (1433, 9270), (1435, 9273),

Gene: TuertoX_2 Start: 318, Stop: 1889, Start Num: 151
Candidate Starts for TuertoX_2:
(Start: 151 @318 has 55 MA's), (259, 426), (Start: 297 @474 has 6 MA's), (Start: 318 @504 has 1 MA's), (342, 537), (421, 621), (425, 630), (465, 666), (491, 726), (566, 816), (607, 912), (620, 936), (648, 978), (689, 1032), (723, 1071), (778, 1137), (789, 1149), (808, 1179), (840, 1212), (919, 1293), (959, 1338), (962, 1344), (971, 1365), (1054, 1455), (1109, 1500), (1112, 1506), (1142, 1536), (1146, 1539), (1187, 1593), (1216, 1629), (1280, 1680), (1331, 1740), (1334, 1743), (1371, 1785), (1461, 1872),

Gene: TukTuk_3 Start: 676, Stop: 2304, Start Num: 225
Candidate Starts for TukTuk_3:
(Start: 225 @676 has 84 MA's), (339, 832), (431, 940), (490, 1024), (503, 1048), (569, 1123), (594, 1174), (595, 1177), (620, 1237), (628, 1255), (643, 1285), (662, 1315), (1003, 1771), (1020, 1786), (1328, 2137), (1464, 2293),

Gene: Turab_2 Start: 537, Stop: 2243, Start Num: 124
Candidate Starts for Turab_2:
(Start: 124 @537 has 46 MA's), (Start: 232 @624 has 1 MA's), (486, 909), (513, 966), (525, 987), (546, 1014), (595, 1104), (693, 1278), (881, 1530), (983, 1653), (1146, 1833), (1193, 1908), (1209, 1923), (1292, 2058), (1325, 2094), (1363, 2142), (1372, 2154), (1381, 2166),

Gene: Turbido_14 Start: 7910, Stop: 9697, Start Num: 103
Candidate Starts for Turbido_14:
(Start: 103 @7910 has 236 MA's), (Start: 217 @8018 has 1 MA's), (234, 8039), (278, 8105), (280, 8111), (298, 8147), (314, 8171), (362, 8234), (512, 8429), (513, 8432), (581, 8540), (620, 8630), (631,

8654), (679, 8729), (704, 8771), (722, 8786), (916, 9086), (1088, 9272), (1113, 9299), (1129, 9320), (1193, 9416), (1405, 9653), (1435, 9683),

Gene: Turj99_10 Start: 6754, Stop: 8442, Start Num: 102
Candidate Starts for Turj99_10:
(Start: 102 @6754 has 400 MA's), (Start: 309 @6934 has 15 MA's), (381, 7018), (408, 7054), (513, 7204), (581, 7312), (620, 7402), (631, 7426), (679, 7501), (728, 7570), (774, 7657), (809, 7717), (1009, 7951), (1021, 7963), (1080, 8005), (1100, 8026), (1117, 8053), (1193, 8161), (1279, 8251), (1365, 8356),

Gene: Turuncu_28 Start: 13351, Stop: 15027, Start Num: 155
Candidate Starts for Turuncu_28:
(Start: 155 @13351 has 202 MA's), (Start: 317 @13501 has 15 MA's), (353, 13558), (372, 13585), (379, 13597), (Start: 403 @13627 has 1 MA's), (621, 14011), (635, 14038), (740, 14206), (748, 14218), (768, 14251), (824, 14329), (917, 14410), (983, 14479), (1010, 14515), (1034, 14545), (1104, 14626), (1113, 14641), (1155, 14701), (1196, 14749), (1365, 14935), (1387, 14965),

Gene: Tuti_3 Start: 820, Stop: 2379, Start Num: 151
Candidate Starts for Tuti_3:
(88, 760), (Start: 151 @820 has 55 MA's), (259, 928), (Start: 295 @973 has 6 MA's), (Start: 318 @1006 has 1 MA's), (342, 1039), (419, 1120), (421, 1123), (425, 1132), (465, 1168), (491, 1228), (566, 1318), (568, 1321), (583, 1357), (607, 1414), (611, 1423), (620, 1438), (680, 1522), (723, 1573), (778, 1639), (808, 1681), (875, 1750), (880, 1756), (919, 1795), (946, 1816), (959, 1840), (962, 1846), (971, 1867), (1009, 1912), (1054, 1948), (1057, 1951), (1109, 1993), (1146, 2032), (1216, 2122), (1280, 2173), (1390, 2302), (1461, 2362),

Gene: Tutumahutu_2 Start: 533, Stop: 2290, Start Num: 124
Candidate Starts for Tutumahutu_2:
(13, 242), (15, 251), (Start: 124 @533 has 46 MA's), (486, 905), (513, 962), (546, 1010), (595, 1100), (623, 1154), (693, 1274), (748, 1364), (881, 1526), (983, 1700), (1193, 1955), (1209, 1970), (1250, 2024), (1292, 2105), (1363, 2189), (1381, 2213),

Gene: Tweety_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Tweety_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: Tweety19_3 Start: 1419, Stop: 3110, Start Num: 124
Candidate Starts for Tweety19_3:
(Start: 124 @1419 has 46 MA's), (158, 1449), (214, 1485), (Start: 318 @1596 has 1 MA's), (477, 1779), (486, 1791), (513, 1848), (571, 1932), (595, 1989), (953, 2478), (1165, 2745), (1193, 2781), (1209, 2796), (1292, 2925), (1308, 2946), (1381, 3033),

Gene: Twigg_9 Start: 6157, Stop: 7908, Start Num: 67
Candidate Starts for Twigg_9:

(Start: 54 @6130 has 19 MA's), (Start: 67 @6157 has 32 MA's), (Start: 115 @6226 has 1 MA's), (Start: 237 @6340 has 1 MA's), (241, 6346), (362, 6478), (424, 6553), (425, 6556), (467, 6589), (487, 6622), (551, 6730), (567, 6754), (581, 6787), (620, 6862), (641, 6907), (690, 6985), (693, 6991), (728, 7036), (812, 7189), (825, 7210), (983, 7384), (999, 7408), (1001, 7411), (1080, 7471), (1088, 7483), (1113, 7510), (1129, 7531), (1182, 7615), (1193, 7627), (1405, 7864), (1438, 7897), (1443, 7903),

Gene: Twinkle_2 Start: 318, Stop: 1901, Start Num: 151
Candidate Starts for Twinkle_2:
(Start: 151 @318 has 55 MA's), (259, 426), (Start: 318 @504 has 1 MA's), (342, 537), (419, 618), (421, 621), (425, 630), (465, 666), (491, 726), (566, 816), (568, 819), (583, 855), (607, 912), (611, 921), (620, 936), (675, 1008), (680, 1020), (723, 1071), (778, 1137), (808, 1179), (919, 1293), (959, 1338), (962, 1344), (971, 1365), (1054, 1455), (1057, 1458), (1109, 1500), (1142, 1536), (1146, 1539), (1172, 1575), (1187, 1593), (1216, 1629), (1280, 1680), (1334, 1743), (1371, 1785), (1408, 1827),

Gene: Twister_11 Start: 6715, Stop: 8406, Start Num: 102
Candidate Starts for Twister_11:
(Start: 102 @6715 has 400 MA's), (Start: 124 @6739 has 46 MA's), (Start: 251 @6862 has 3 MA's), (362, 6982), (381, 6994), (412, 7039), (467, 7093), (485, 7120), (490, 7135), (513, 7180), (538, 7219), (575, 7267), (581, 7288), (593, 7312), (620, 7363), (693, 7486), (774, 7618), (816, 7693), (848, 7738), (923, 7804), (983, 7879), (999, 7903), (1080, 7969), (1113, 8008), (1115, 8011), (1129, 8029), (1193, 8125), (1250, 8194), (1405, 8362), (1435, 8392), (1438, 8395),

Gene: Twitch_8 Start: 1637, Stop: 3058, Start Num: 247
Candidate Starts for Twitch_8:
(Start: 165 @1565 has 76 MA's), (Start: 230 @1625 has 31 MA's), (Start: 247 @1637 has 171 MA's), (Start: 336 @1748 has 12 MA's), (342, 1754), (391, 1832), (402, 1841), (425, 1889), (444, 1907), (487, 1976), (514, 2018), (517, 2024), (532, 2051), (533, 2054), (607, 2171), (611, 2180), (675, 2261), (792, 2375), (820, 2423), (827, 2435), (851, 2465), (870, 2489), (880, 2501), (959, 2579), (962, 2585), (1112, 2729), (1146, 2762), (1187, 2816), (1353, 2993), (1425, 3047),

Gene: TwoPeat_12 Start: 7272, Stop: 8960, Start Num: 102
Candidate Starts for TwoPeat_12:
(Start: 102 @7272 has 400 MA's), (381, 7536), (402, 7560), (513, 7722), (535, 7755), (581, 7830), (620, 7920), (631, 7944), (647, 7971), (679, 8019), (728, 8088), (774, 8175), (778, 8184), (809, 8235), (1009, 8469), (1021, 8481), (1080, 8523), (1100, 8544), (1117, 8571), (1193, 8679), (1279, 8769), (1365, 8874),

Gene: TyDawg_14 Start: 4719, Stop: 6263, Start Num: 170
Candidate Starts for TyDawg_14:
(Start: 170 @4719 has 103 MA's), (215, 4767), (398, 4968), (487, 5106), (606, 5298), (776, 5508), (809, 5559), (863, 5631), (959, 5694), (970, 5718), (977, 5733), (1041, 5793), (1050, 5805), (1113, 5865), (1142, 5898), (1160, 5931), (1190, 5958), (1228, 6006), (1400, 6192), (1420, 6213),

Gene: TygerBlood_11 Start: 6886, Stop: 8583, Start Num: 102
Candidate Starts for TygerBlood_11:
(Start: 102 @6886 has 400 MA's), (Start: 124 @6910 has 46 MA's), (Start: 251 @7033 has 3 MA's), (350, 7123), (381, 7156), (467, 7255), (512, 7339), (513, 7342), (538, 7381), (581, 7450), (593, 7474), (620, 7540), (675, 7630), (774, 7795), (825, 7882), (848, 7915), (923, 7981), (981, 8053), (983, 8056), (999, 8080), (1064, 8131), (1080, 8146), (1113, 8185), (1129, 8206), (1193, 8302), (1405, 8539), (1435, 8569), (1438, 8572),

Gene: TymAbreu_4 Start: 800, Stop: 2290, Start Num: 202
Candidate Starts for TymAbreu_4:

(Start: 202 @800 has 39 MA's), (245, 845), (Start: 318 @947 has 1 MA's), (Start: 333 @965 has 4 MA's), (Start: 336 @974 has 12 MA's), (Start: 397 @1025 has 4 MA's), (399, 1028), (405, 1037), (419, 1067), (434, 1094), (506, 1193), (577, 1292), (585, 1316), (586, 1319), (588, 1322), (607, 1367), (789, 1601), (820, 1649), (827, 1661), (864, 1700), (886, 1718), (902, 1730), (904, 1733), (922, 1754), (937, 1760), (946, 1772), (987, 1850), (1047, 1904), (1112, 1958), (1121, 1970), (1156, 2015), (1206, 2063), (1299, 2147), (1349, 2204), (1406, 2273),

Gene: Typha_9 Start: 4674, Stop: 6299, Start Num: 155
Candidate Starts for Typha_9:
(82, 4593), (93, 4611), (Start: 133 @4650 has 3 MA's), (Start: 142 @4662 has 6 MA's), (149, 4668), (Start: 155 @4674 has 202 MA's), (160, 4680), (Start: 303 @4848 has 2 MA's), (310, 4860), (Start: 317 @4872 has 15 MA's), (431, 5016), (484, 5112), (487, 5121), (532, 5199), (535, 5205), (584, 5262), (593, 5277), (631, 5367), (648, 5400), (650, 5403), (753, 5475), (790, 5532), (824, 5580), (840, 5601), (847, 5613), (858, 5625), (877, 5649), (899, 5673), (903, 5679), (954, 5736), (964, 5754), (1046, 5856), (1083, 5898), (1127, 5961), (1134, 5970), (1137, 5976), (1233, 6090), (1275, 6102), (1294, 6120), (1327, 6162), (1362, 6204), (1374, 6219),

Gene: Typhonomachy_4 Start: 1113, Stop: 2792, Start Num: 170
Candidate Starts for Typhonomachy_4:
(Start: 170 @1113 has 103 MA's), (Start: 232 @1164 has 1 MA's), (Start: 249 @1185 has 1 MA's), (Start: 251 @1188 has 3 MA's), (304, 1230), (362, 1311), (415, 1377), (424, 1386), (485, 1458), (490, 1473), (509, 1509), (513, 1518), (543, 1569), (595, 1668), (623, 1722), (645, 1758), (735, 1902), (760, 1938), (798, 2010), (825, 2058), (848, 2091), (866, 2115), (921, 2148), (954, 2181), (981, 2238), (987, 2247), (1076, 2331), (1100, 2358), (1146, 2418), (1214, 2514), (1282, 2586), (1292, 2598), (1394, 2718), (1454, 2778), (1456, 2781),

Gene: Tyrellus_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for Tyrellus_3:
(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (806, 1881), (817, 1896), (842, 1932), (880, 1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298), (1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: Tyson_4 Start: 1052, Stop: 2635, Start Num: 138
Candidate Starts for Tyson_4:
(Start: 138 @1052 has 120 MA's), (Start: 142 @1058 has 6 MA's), (293, 1229), (361, 1316), (396, 1334), (402, 1340), (419, 1376), (513, 1514), (515, 1517), (566, 1592), (591, 1646), (593, 1649), (594, 1652), (710, 1820), (762, 1874), (766, 1883), (776, 1898), (791, 1919), (813, 1958), (827, 1979), (832, 1985), (855, 2012), (900, 2054), (942, 2078), (954, 2096), (959, 2105), (962, 2111), (977, 2144), (1009, 2177), (1050, 2216), (1057, 2222), (1060, 2225), (1116, 2270), (1172, 2336), (1213, 2387), (1226, 2402), (1234, 2411), (1263, 2426), (1266, 2429), (1373, 2531), (1394, 2558), (1448, 2609), (1450, 2612),

Gene: U2_11 Start: 6935, Stop: 8623, Start Num: 102
Candidate Starts for U2_11:
(Start: 102 @6935 has 400 MA's), (381, 7199), (402, 7223), (499, 7358), (513, 7385), (535, 7418), (581, 7493), (620, 7583), (631, 7607), (647, 7634), (679, 7682), (728, 7751), (774, 7838), (808, 7895), (809, 7898), (1001, 8123), (1009, 8132), (1021, 8144), (1080, 8186), (1100, 8207), (1117, 8234), (1193, 8342), (1279, 8432), (1365, 8537),

Gene: UPIE_4 Start: 1059, Stop: 2636, Start Num: 142
Candidate Starts for UPIE_4:

(Start: 138 @1053 has 120 MA's), (Start: 142 @1059 has 6 MA's), (293, 1230), (361, 1317), (396, 1335), (402, 1341), (419, 1377), (513, 1515), (515, 1518), (566, 1593), (591, 1647), (593, 1650), (594, 1653), (710, 1821), (762, 1875), (766, 1884), (776, 1899), (791, 1920), (813, 1959), (827, 1980), (832, 1986), (855, 2013), (900, 2055), (942, 2079), (954, 2097), (959, 2106), (962, 2112), (977, 2145), (1009, 2178), (1050, 2217), (1057, 2223), (1060, 2226), (1116, 2271), (1172, 2337), (1213, 2388), (1226, 2403), (1234, 2412), (1263, 2427), (1266, 2430), (1373, 2532), (1394, 2559), (1448, 2610), (1450, 2613),

Gene: Ubuntu_5 Start: 1855, Stop: 3489, Start Num: 102
Candidate Starts for Ubuntu_5:
(Start: 102 @1855 has 400 MA's), (Start: 153 @1894 has 15 MA's), (Start: 208 @1942 has 5 MA's), (342, 2113), (396, 2152), (512, 2332), (516, 2341), (522, 2350), (566, 2413), (570, 2419), (605, 2503), (606, 2506), (607, 2509), (675, 2605), (677, 2608), (680, 2617), (745, 2683), (766, 2713), (785, 2740), (807, 2773), (820, 2794), (822, 2797), (919, 2893), (946, 2914), (1002, 3004), (1051, 3046), (1074, 3064), (1078, 3070), (1146, 3133), (1149, 3139), (1150, 3142), (1187, 3187), (1191, 3193), (1213, 3220), (1226, 3235), (1290, 3286), (1297, 3295), (1309, 3310), (1317, 3313), (1346, 3352), (1358, 3367), (1371, 3382), (1374, 3385), (1460, 3463), (1462, 3469),

Gene: Ugenie5_10 Start: 8142, Stop: 9929, Start Num: 103
Candidate Starts for Ugenie5_10:
(Start: 103 @8142 has 236 MA's), (Start: 117 @8157 has 10 MA's), (Start: 121 @8163 has 5 MA's), (241, 8274), (298, 8373), (424, 8535), (487, 8607), (513, 8661), (538, 8700), (581, 8772), (620, 8862), (631, 8886), (704, 9003), (722, 9018), (778, 9126), (823, 9201), (848, 9237), (898, 9297), (992, 9417), (1006, 9438), (1064, 9477), (1113, 9531), (1115, 9534), (1129, 9552), (1163, 9606), (1182, 9636), (1193, 9648), (1279, 9738), (1295, 9756), (1405, 9885), (1433, 9912), (1435, 9915),

Gene: UhSalsa_8 Start: 3156, Stop: 4838, Start Num: 107
Candidate Starts for UhSalsa_8:
(Start: 107 @3156 has 35 MA's), (Start: 309 @3342 has 15 MA's), (362, 3414), (381, 3426), (402, 3450), (408, 3462), (513, 3615), (523, 3630), (567, 3690), (620, 3798), (647, 3855), (770, 4053), (780, 4071), (812, 4125), (926, 4236), (956, 4269), (983, 4311), (1006, 4344), (1088, 4413), (1193, 4557), (1236, 4602), (1292, 4662), (1372, 4761), (1405, 4794), (1433, 4821), (1435, 4824), (1438, 4827),

Gene: Ukulele_8 Start: 2277, Stop: 3947, Start Num: 394
Candidate Starts for Ukulele_8:
(Start: 394 @2277 has 48 MA's), (427, 2340), (551, 2574), (598, 2676), (693, 2856), (710, 2880), (724, 2898), (732, 2910), (768, 2973), (776, 2985), (808, 3030), (815, 3045), (873, 3123), (911, 3168), (934, 3222), (935, 3228), (1000, 3342), (1104, 3486), (1124, 3522), (1218, 3675), (1232, 3687), (1279, 3744), (1307, 3780), (1346, 3831), (1372, 3867), (1374, 3870), (1438, 3936),

Gene: Ulysses_10 Start: 6603, Stop: 8300, Start Num: 102
Candidate Starts for Ulysses_10:
(Start: 102 @6603 has 400 MA's), (Start: 124 @6627 has 46 MA's), (Start: 251 @6750 has 3 MA's), (350, 6840), (381, 6873), (467, 6972), (512, 7056), (513, 7059), (538, 7098), (581, 7167), (593, 7191), (620, 7257), (675, 7347), (774, 7512), (825, 7599), (848, 7632), (923, 7698), (981, 7770), (983, 7773), (999, 7797), (1064, 7848), (1080, 7863), (1113, 7902), (1129, 7923), (1193, 8019), (1405, 8256), (1435, 8286), (1438, 8289),

Gene: UmaThurman_2 Start: 360, Stop: 1928, Start Num: 173
Candidate Starts for UmaThurman_2:
(65, 255), (Start: 173 @360 has 36 MA's), (289, 477), (Start: 318 @519 has 1 MA's), (Start: 333 @537 has 4 MA's), (342, 552), (384, 573), (399, 594), (415, 627), (419, 633), (465, 693), (483, 729), (487, 741), (515, 786), (520, 795), (539, 822), (588, 891), (593, 900), (648, 1005), (661, 1020), (675, 1035),

(745, 1113), (778, 1164), (919, 1320), (956, 1359), (959, 1365), (973, 1398), (1002, 1431), (1015, 1443), (1060, 1479), (1071, 1488), (1074, 1491), (1078, 1497), (1107, 1518), (1112, 1527), (1113, 1530), (1146, 1560), (1157, 1584), (1174, 1599), (1263, 1689), (1278, 1701), (1317, 1743), (1326, 1758), (1346, 1779), (1358, 1794), (1449, 1890), (1459, 1902), (1463, 1911), (1464, 1917),

Gene: Underpass_4 Start: 1069, Stop: 2637, Start Num: 138
Candidate Starts for Underpass_4:
(Start: 138 @1069 has 120 MA's), (Start: 142 @1075 has 6 MA's), (Start: 284 @1231 has 1 MA's), (512, 1528), (515, 1534), (556, 1594), (591, 1666), (594, 1672), (675, 1792), (710, 1840), (762, 1894), (776, 1918), (807, 1963), (809, 1969), (827, 1999), (832, 2005), (855, 2032), (863, 2041), (942, 2098), (946, 2104), (959, 2125), (962, 2131), (1020, 2206), (1023, 2209), (1060, 2245), (1116, 2290), (1172, 2356), (1234, 2431), (1266, 2449), (1278, 2458), (1420, 2605), (1448, 2629), (1450, 2632),

Gene: Unicorn_7 Start: 1549, Stop: 2976, Start Num: 247
Candidate Starts for Unicorn_7:
(Start: 247 @1549 has 171 MA's), (Start: 322 @1639 has 1 MA's), (Start: 336 @1663 has 12 MA's), (342, 1669), (391, 1747), (402, 1756), (425, 1804), (444, 1822), (487, 1891), (505, 1930), (517, 1939), (532, 1966), (591, 2044), (607, 2086), (611, 2095), (675, 2176), (742, 2224), (792, 2290), (816, 2332), (820, 2338), (827, 2350), (834, 2356), (851, 2380), (875, 2410), (893, 2431), (962, 2500), (993, 2542), (1107, 2635), (1146, 2677), (1160, 2707), (1187, 2731), (1235, 2779), (1353, 2908), (1425, 2965), (1431, 2971),

Gene: UnionJack_9 Start: 5697, Stop: 7475, Start Num: 54
Candidate Starts for UnionJack_9:
(Start: 54 @5697 has 19 MA's), (Start: 67 @5724 has 32 MA's), (Start: 115 @5793 has 1 MA's), (147, 5832), (Start: 237 @5907 has 1 MA's), (241, 5913), (362, 6045), (424, 6120), (425, 6123), (551, 6297), (567, 6321), (620, 6429), (641, 6474), (690, 6552), (693, 6558), (793, 6723), (812, 6756), (825, 6777), (983, 6951), (1080, 7038), (1088, 7050), (1113, 7077), (1129, 7098), (1182, 7182), (1193, 7194), (1402, 7428), (1405, 7431), (1438, 7464), (1443, 7470),

Gene: Unstoppable_6 Start: 2420, Stop: 4048, Start Num: 113
Candidate Starts for Unstoppable_6:
(Start: 95 @2402 has 98 MA's), (Start: 113 @2420 has 11 MA's), (Start: 330 @2624 has 14 MA's), (407, 2705), (504, 2840), (515, 2861), (575, 2948), (603, 3020), (620, 3044), (680, 3143), (722, 3197), (803, 3296), (838, 3356), (992, 3518), (997, 3527), (1088, 3617), (1113, 3644), (1164, 3722), (1165, 3725), (1193, 3764), (1214, 3785), (1219, 3791), (1236, 3809), (1325, 3905), (1372, 3965),

Gene: Untouchable_16 Start: 9228, Stop: 10973, Start Num: 307
Candidate Starts for Untouchable_16:
(Start: 307 @9228 has 198 MA's), (310, 9234), (367, 9327), (387, 9363), (417, 9417), (433, 9447), (502, 9594), (556, 9702), (570, 9720), (572, 9723), (599, 9792), (637, 9876), (644, 9894), (680, 9951), (750, 10080), (805, 10179), (808, 10185), (872, 10284), (892, 10308), (1050, 10494), (1053, 10503), (1111, 10569), (1120, 10590), (1123, 10593), (1249, 10773), (1288, 10818), (1290, 10821), (1299, 10833), (1370, 10923), (1372, 10926),

Gene: Updawg_14 Start: 7926, Stop: 9713, Start Num: 103
Candidate Starts for Updawg_14:
(23, 7740), (50, 7842), (Start: 103 @7926 has 236 MA's), (Start: 217 @8034 has 1 MA's), (234, 8055), (288, 8145), (298, 8163), (487, 8394), (512, 8445), (513, 8448), (581, 8556), (620, 8646), (631, 8670), (722, 8802), (983, 9189), (1113, 9315), (1129, 9336), (1182, 9420), (1193, 9432), (1405, 9669), (1433, 9696), (1435, 9699), (1438, 9702), (1440, 9705),

Gene: Upsilon_3 Start: 1104, Stop: 2564, Start Num: 250

Candidate Starts for Upsilon_3:
(Start: 250 @1104 has 144 MA's), (Start: 254 @1110 has 2 MA's), (358, 1272), (363, 1281), (399, 1341), (444, 1410), (465, 1431), (483, 1467), (488, 1482), (619, 1686), (755, 1821), (806, 1899), (817, 1914), (829, 1932), (842, 1950), (880, 1992), (911, 2025), (926, 2043), (1015, 2163), (1020, 2166), (1039, 2178), (1047, 2190), (1113, 2253), (1160, 2310), (1172, 2316), (1178, 2325), (1187, 2334), (1190, 2337), (1330, 2499), (1337, 2508), (1344, 2517), (1372, 2556),

Gene: Upyo_2 Start: 552, Stop: 2117, Start Num: 211
Candidate Starts for Upyo_2:
(Start: 211 @552 has 13 MA's), (Start: 223 @567 has 1 MA's), (Start: 254 @603 has 2 MA's), (405, 780), (431, 834), (461, 858), (513, 954), (522, 969), (569, 1020), (593, 1068), (611, 1119), (618, 1131), (648, 1191), (652, 1197), (655, 1203), (810, 1356), (903, 1455), (915, 1467), (959, 1518), (962, 1524), (979, 1563), (1020, 1617), (1040, 1635), (1122, 1749), (1177, 1821), (1221, 1875), (1305, 1956), (1451, 2109),

Gene: Urkel_8 Start: 1566, Stop: 2987, Start Num: 247
Candidate Starts for Urkel_8:
(Start: 165 @1494 has 76 MA's), (Start: 204 @1533 has 1 MA's), (Start: 230 @1554 has 31 MA's), (Start: 247 @1566 has 171 MA's), (Start: 336 @1677 has 12 MA's), (342, 1683), (391, 1761), (402, 1770), (425, 1818), (444, 1836), (487, 1905), (514, 1947), (517, 1953), (532, 1980), (533, 1983), (568, 2007), (607, 2100), (611, 2109), (675, 2190), (686, 2208), (792, 2304), (820, 2352), (827, 2364), (851, 2394), (870, 2418), (880, 2430), (959, 2508), (962, 2514), (1112, 2658), (1146, 2691), (1187, 2745), (1353, 2922), (1425, 2976),

Gene: Urla_2 Start: 426, Stop: 1991, Start Num: 165
Candidate Starts for Urla_2:
(Start: 165 @426 has 76 MA's), (Start: 317 @615 has 15 MA's), (Start: 333 @636 has 4 MA's), (402, 696), (419, 732), (431, 756), (444, 762), (463, 780), (518, 882), (557, 942), (593, 1011), (595, 1017), (620, 1077), (650, 1137), (677, 1173), (770, 1236), (790, 1266), (852, 1362), (941, 1449), (983, 1524), (1009, 1557), (1020, 1566), (1046, 1593), (1117, 1668), (1133, 1689), (1135, 1692), (1212, 1755), (1232, 1779), (1328, 1857), (1361, 1896), (1451, 1977),

Gene: Urza_6 Start: 2578, Stop: 4239, Start Num: 95
Candidate Starts for Urza_6:
(Start: 95 @2578 has 98 MA's), (Start: 284 @2761 has 1 MA's), (Start: 318 @2797 has 1 MA's), (469, 2968), (504, 3031), (538, 3088), (575, 3139), (603, 3211), (620, 3235), (636, 3268), (659, 3304), (680, 3334), (693, 3355), (751, 3448), (803, 3487), (813, 3511), (838, 3547), (983, 3697), (997, 3718), (1015, 3739), (1115, 3838), (1193, 3955), (1236, 4000),

Gene: Utz_2 Start: 360, Stop: 1928, Start Num: 173
Candidate Starts for Utz_2:
(65, 255), (Start: 173 @360 has 36 MA's), (259, 444), (289, 477), (Start: 318 @519 has 1 MA's), (Start: 333 @537 has 4 MA's), (342, 552), (384, 573), (399, 594), (419, 633), (465, 693), (483, 729), (487, 741), (513, 783), (520, 795), (536, 816), (539, 822), (593, 900), (648, 1005), (661, 1020), (675, 1035), (745, 1113), (778, 1164), (919, 1320), (956, 1359), (973, 1398), (1002, 1431), (1015, 1443), (1071, 1488), (1074, 1491), (1078, 1497), (1112, 1527), (1113, 1530), (1146, 1560), (1157, 1584), (1174, 1599), (1263, 1689), (1278, 1701), (1317, 1743), (1326, 1758), (1346, 1779), (1358, 1794), (1459, 1902), (1463, 1911), (1464, 1917),

Gene: UtzChips_2 Start: 634, Stop: 2352, Start Num: 122
Candidate Starts for UtzChips_2:
(Start: 122 @634 has 14 MA's), (477, 1006), (504, 1057), (513, 1075), (595, 1225), (952, 1720), (1193, 2026), (1209, 2041), (1325, 2206), (1381, 2278),

Gene: Uzumaki_8 Start: 3513, Stop: 5246, Start Num: 307
Candidate Starts for Uzumaki_8:
(Start: 307 @3513 has 198 MA's), (367, 3612), (493, 3849), (516, 3897), (556, 3975), (570, 3993), (572, 3996), (599, 4065), (644, 4167), (656, 4191), (693, 4248), (750, 4353), (805, 4452), (820, 4482), (847, 4524), (892, 4581), (950, 4650), (956, 4662), (1053, 4776), (1071, 4794), (1120, 4863), (1123, 4866), (1249, 5046), (1273, 5070), (1290, 5094), (1299, 5106), (1309, 5118), (1334, 5151), (1370, 5196), (1372, 5199),

Gene: VA6_12 Start: 7428, Stop: 9218, Start Num: 103
Candidate Starts for VA6_12:
(27, 7254), (Start: 103 @7428 has 236 MA's), (Start: 217 @7536 has 1 MA's), (234, 7557), (298, 7665), (513, 7953), (581, 8061), (620, 8151), (631, 8175), (704, 8292), (722, 8307), (916, 8607), (1088, 8793), (1113, 8820), (1129, 8841), (1193, 8937), (1405, 9174), (1433, 9201), (1435, 9204),

Gene: VC3_15 Start: 7374, Stop: 9164, Start Num: 103
Candidate Starts for VC3_15:
(53, 7296), (83, 7347), (Start: 103 @7374 has 236 MA's), (Start: 217 @7482 has 1 MA's), (234, 7503), (278, 7569), (298, 7611), (314, 7635), (424, 7773), (512, 7893), (513, 7896), (581, 8007), (620, 8097), (631, 8121), (675, 8187), (696, 8223), (718, 8250), (722, 8253), (916, 8553), (983, 8640), (1006, 8673), (1088, 8739), (1113, 8766), (1129, 8787), (1182, 8871), (1193, 8883), (1281, 8976), (1295, 8991), (1405, 9120), (1433, 9147), (1435, 9150),

Gene: VRedHorse_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for VRedHorse_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 217 @629 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (454, 905), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (516, 998), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (717, 1346), (736, 1388), (740, 1397), (862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1239, 1964), (1250, 1979), (1265, 2006), (1290, 2030), (1297, 2039), (1315, 2060), (1320, 2066), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: VResidence_2 Start: 601, Stop: 2307, Start Num: 128
Candidate Starts for VResidence_2:
(Start: 128 @601 has 7 MA's), (134, 610), (158, 631), (Start: 232 @688 has 1 MA's), (513, 1030), (525, 1051), (546, 1078), (595, 1168), (604, 1192), (645, 1267), (693, 1342), (851, 1555), (881, 1594), (983, 1717), (1165, 1936), (1193, 1972), (1209, 1987), (1381, 2230),

Gene: VWB_2 Start: 559, Stop: 2169, Start Num: 241
Candidate Starts for VWB_2:
(Start: 167 @493 has 9 MA's), (241, 559), (338, 661), (354, 676), (424, 766), (479, 823), (485, 838), (490, 853), (513, 898), (625, 1093), (735, 1270), (780, 1345), (880, 1498), (928, 1525), (930, 1528), (954, 1549), (971, 1588), (1015, 1651), (1068, 1711), (1080, 1726), (1115, 1768), (1117, 1774), (1165, 1846), (1170, 1852), (1192, 1882), (1212, 1903), (1285, 1981), (1335, 2035), (1442, 2149),

Gene: Vagabond_31 Start: 13344, Stop: 14858, Start Num: 181
Candidate Starts for Vagabond_31:
(Start: 181 @13344 has 17 MA's), (Start: 184 @13347 has 14 MA's), (Start: 322 @13527 has 1 MA's), (381, 13620), (424, 13695), (451, 13728), (474, 13755), (487, 13785), (591, 13938), (594, 13944), (607, 13980), (611, 13989), (675, 14070), (679, 14079), (680, 14082), (744, 14121), (788, 14178),

(809, 14214), (810, 14217), (957, 14373), (962, 14382), (1025, 14451), (1042, 14460), (1046, 14466), (1080, 14499), (1112, 14535), (1187, 14622), (1203, 14643), (1277, 14706), (1283, 14709), (1286, 14712), (1299, 14730), (1317, 14751), (1353, 14793), (1386, 14829), (1415, 14841),

Gene: Validus_8 Start: 1576, Stop: 3006, Start Num: 247
Candidate Starts for Validus_8:
(156, 1492), (Start: 247 @1576 has 171 MA's), (Start: 322 @1666 has 1 MA's), (Start: 336 @1690 has 12 MA's), (342, 1696), (363, 1735), (391, 1774), (402, 1783), (405, 1789), (425, 1831), (444, 1849), (463, 1867), (487, 1918), (532, 1993), (607, 2113), (611, 2122), (675, 2203), (742, 2251), (792, 2317), (820, 2365), (827, 2377), (851, 2407), (870, 2431), (893, 2458), (962, 2527), (993, 2569), (1042, 2599), (1064, 2623), (1112, 2671), (1146, 2704), (1160, 2734), (1187, 2758), (1283, 2848), (1353, 2938), (1425, 2995), (1431, 3001),

Gene: Vallejo_5 Start: 3064, Stop: 4629, Start Num: 165
Candidate Starts for Vallejo_5:
(Start: 165 @3064 has 76 MA's), (Start: 333 @3274 has 4 MA's), (334, 3277), (Start: 397 @3328 has 4 MA's), (426, 3385), (431, 3394), (463, 3418), (584, 3634), (593, 3649), (595, 3655), (620, 3715), (650, 3775), (770, 3874), (790, 3904), (852, 4000), (936, 4078), (941, 4087), (961, 4123), (983, 4162), (1009, 4195), (1020, 4204), (1046, 4231), (1105, 4285), (1133, 4327), (1176, 4348), (1197, 4372), (1212, 4393), (1232, 4417), (1328, 4495), (1451, 4615),

Gene: Vanisius_3 Start: 1086, Stop: 2546, Start Num: 250
Candidate Starts for Vanisius_3:
(Start: 250 @1086 has 144 MA's), (Start: 254 @1092 has 2 MA's), (358, 1254), (363, 1263), (399, 1323), (444, 1392), (465, 1413), (488, 1464), (619, 1668), (806, 1881), (817, 1896), (842, 1932), (880, 1974), (911, 2007), (926, 2025), (1015, 2145), (1020, 2148), (1039, 2160), (1113, 2235), (1172, 2298), (1187, 2316), (1190, 2319), (1330, 2481), (1337, 2490), (1344, 2499), (1372, 2538),

Gene: Vanisoa_11 Start: 6197, Stop: 7987, Start Num: 103
Candidate Starts for Vanisoa_11:
(Start: 103 @6197 has 236 MA's), (Start: 117 @6212 has 10 MA's), (241, 6329), (298, 6428), (424, 6590), (448, 6623), (487, 6662), (513, 6716), (538, 6755), (581, 6827), (594, 6854), (620, 6917), (631, 6941), (704, 7058), (722, 7073), (778, 7181), (823, 7256), (901, 7355), (928, 7388), (992, 7472), (1006, 7493), (1113, 7589), (1115, 7592), (1129, 7610), (1163, 7664), (1182, 7694), (1193, 7706), (1281, 7799), (1295, 7814), (1340, 7865), (1405, 7943), (1433, 7970), (1435, 7973),

Gene: Vanseggelen_9 Start: 2121, Stop: 3767, Start Num: 95
Candidate Starts for Vanseggelen_9:
(Start: 89 @2112 has 1 MA's), (Start: 95 @2121 has 98 MA's), (Start: 98 @2124 has 2 MA's), (Start: 113 @2139 has 11 MA's), (Start: 165 @2193 has 76 MA's), (Start: 330 @2343 has 14 MA's), (354, 2364), (469, 2496), (485, 2517), (490, 2532), (504, 2559), (509, 2568), (515, 2580), (575, 2667), (594, 2715), (595, 2718), (603, 2739), (620, 2763), (680, 2862), (803, 3015), (812, 3036), (838, 3075), (903, 3135), (983, 3225), (987, 3231), (997, 3246), (1006, 3258), (1064, 3309), (1088, 3336), (1113, 3363), (1163, 3438), (1193, 3483), (1219, 3510), (1236, 3528), (1372, 3684),

Gene: Vardy_17 Start: 10268, Stop: 12013, Start Num: 307
Candidate Starts for Vardy_17:
(Start: 307 @10268 has 198 MA's), (310, 10274), (363, 10361), (367, 10367), (387, 10403), (417, 10457), (433, 10487), (502, 10634), (556, 10742), (570, 10760), (572, 10763), (599, 10832), (637, 10916), (644, 10934), (680, 10991), (750, 11120), (805, 11219), (808, 11225), (872, 11324), (892, 11348), (1050, 11534), (1053, 11543), (1111, 11609), (1120, 11630), (1123, 11633), (1288, 11858), (1290, 11861), (1299, 11873), (1370, 11963), (1372, 11966),

Gene: Vasanti_2 Start: 318, Stop: 1889, Start Num: 151
Candidate Starts for Vasanti_2:
(88, 258), (Start: 151 @318 has 55 MA's), (Start: 318 @504 has 1 MA's), (342, 537), (419, 618), (421, 621), (425, 630), (465, 666), (491, 726), (566, 816), (568, 819), (607, 912), (620, 936), (648, 978), (689, 1032), (723, 1071), (778, 1137), (789, 1149), (808, 1179), (840, 1212), (919, 1293), (959, 1338), (962, 1344), (971, 1365), (1054, 1455), (1057, 1458), (1109, 1500), (1112, 1506), (1146, 1539), (1187, 1593), (1216, 1629), (1280, 1680), (1334, 1743), (1336, 1746), (1461, 1872),

Gene: Vash_2 Start: 591, Stop: 2153, Start Num: 400
Candidate Starts for Vash_2:
(Start: 400 @591 has 2 MA's), (436, 660), (526, 816), (551, 864), (589, 945), (590, 948), (598, 969), (599, 972), (606, 990), (609, 999), (623, 1020), (643, 1053), (656, 1083), (671, 1098), (734, 1191), (815, 1314), (848, 1347), (873, 1380), (934, 1479), (978, 1542), (982, 1548), (1035, 1617), (1037, 1623), (1070, 1668), (1075, 1674), (1104, 1722), (1164, 1827), (1165, 1830), (1178, 1848), (1305, 2004), (1325, 2028), (1332, 2031), (1385, 2103),

Gene: VasuNzinga_35 Start: 10327, Stop: 12069, Start Num: 170
Candidate Starts for VasuNzinga_35:
(Start: 170 @10327 has 103 MA's), (302, 10444), (Start: 330 @10489 has 14 MA's), (369, 10555), (374, 10570), (402, 10603), (Start: 403 @10606 has 1 MA's), (411, 10621), (425, 10645), (426, 10648), (467, 10678), (479, 10699), (485, 10717), (488, 10726), (505, 10762), (513, 10777), (543, 10822), (575, 10864), (590, 10903), (595, 10915), (603, 10936), (632, 10987), (647, 11008), (798, 11230), (866, 11335), (874, 11344), (930, 11377), (954, 11398), (956, 11401), (969, 11428), (983, 11458), (992, 11470), (1001, 11485), (1009, 11494), (1015, 11500), (1062, 11542), (1074, 11551), (1084, 11566), (1100, 11581), (1146, 11641), (1163, 11680), (1185, 11713), (1214, 11743), (1217, 11746), (1265, 11830), (1292, 11884), (1304, 11899), (1332, 11926), (1372, 11980), (1451, 12052), (1453, 12055),

Gene: Veliki_8 Start: 1637, Stop: 3058, Start Num: 247
Candidate Starts for Veliki_8:
(Start: 165 @1565 has 76 MA's), (Start: 230 @1625 has 31 MA's), (Start: 247 @1637 has 171 MA's), (Start: 336 @1748 has 12 MA's), (342, 1754), (391, 1832), (402, 1841), (425, 1889), (444, 1907), (487, 1976), (514, 2018), (517, 2024), (532, 2051), (533, 2054), (607, 2171), (611, 2180), (675, 2261), (792, 2375), (820, 2423), (827, 2435), (851, 2465), (870, 2489), (880, 2501), (959, 2579), (962, 2585), (1112, 2729), (1146, 2762), (1187, 2816), (1353, 2993), (1425, 3047),

Gene: Vendetta_7 Start: 3467, Stop: 5074, Start Num: 207
Candidate Starts for Vendetta_7:
(Start: 133 @3389 has 3 MA's), (Start: 207 @3467 has 6 MA's), (402, 3695), (463, 3779), (474, 3800), (484, 3821), (569, 3959), (595, 4013), (632, 4100), (634, 4103), (650, 4133), (774, 4238), (838, 4340), (941, 4463), (991, 4550), (1004, 4565), (1020, 4580), (1081, 4643), (1139, 4712), (1163, 4754), (1177, 4778), (1219, 4829), (1221, 4832), (1274, 4865), (1328, 4931), (1371, 4982), (1453, 5060), (1459, 5066),

Gene: Venti_2 Start: 413, Stop: 2089, Start Num: 138
Candidate Starts for Venti_2:
(Start: 138 @413 has 120 MA's), (Start: 318 @629 has 1 MA's), (349, 668), (380, 725), (384, 731), (396, 749), (421, 794), (426, 806), (431, 815), (444, 821), (483, 878), (490, 899), (495, 911), (558, 1001), (659, 1190), (745, 1286), (766, 1316), (778, 1337), (919, 1490), (1107, 1688), (1112, 1697), (1139, 1724), (1172, 1766), (1187, 1784), (1278, 1868), (1290, 1883), (1463, 2072),

Gene: Verabelle_7 Start: 2488, Stop: 4134, Start Num: 95
Candidate Starts for Verabelle_7:

(Start: 95 @2488 has 98 MA's), (Start: 113 @2506 has 11 MA's), (Start: 330 @2710 has 14 MA's), (407, 2791), (408, 2794), (504, 2926), (515, 2947), (575, 3034), (620, 3130), (675, 3217), (680, 3229), (722, 3283), (838, 3442), (851, 3460), (983, 3592), (997, 3613), (1080, 3691), (1088, 3703), (1113, 3730), (1165, 3811), (1193, 3850), (1219, 3877), (1236, 3895), (1387, 4072),

Gene: Veracruz_11 Start: 7044, Stop: 8741, Start Num: 102
Candidate Starts for Veracruz_11:
(Start: 102 @7044 has 400 MA's), (Start: 124 @7068 has 46 MA's), (381, 7314), (508, 7488), (513, 7500), (538, 7539), (550, 7551), (581, 7608), (593, 7632), (620, 7698), (623, 7707), (675, 7788), (693, 7821), (774, 7953), (780, 7965), (812, 8019), (825, 8040), (848, 8073), (914, 8127), (983, 8214), (999, 8238), (1001, 8241), (1006, 8247), (1015, 8256), (1080, 8304), (1113, 8343), (1115, 8346), (1129, 8364), (1193, 8460), (1241, 8514), (1374, 8667), (1405, 8697), (1435, 8727), (1438, 8730),

Gene: Verse_6 Start: 2569, Stop: 4215, Start Num: 95
Candidate Starts for Verse_6:
(Start: 89 @2560 has 1 MA's), (Start: 95 @2569 has 98 MA's), (Start: 98 @2572 has 2 MA's), (Start: 113 @2587 has 11 MA's), (Start: 165 @2641 has 76 MA's), (Start: 207 @2665 has 6 MA's), (Start: 330 @2791 has 14 MA's), (407, 2872), (485, 2965), (490, 2980), (504, 3007), (509, 3016), (515, 3028), (575, 3115), (594, 3163), (620, 3211), (680, 3310), (704, 3349), (803, 3463), (812, 3484), (838, 3523), (983, 3673), (987, 3679), (997, 3694), (1006, 3706), (1064, 3757), (1113, 3811), (1164, 3889), (1165, 3892), (1193, 3931), (1219, 3958), (1236, 3976), (1372, 4132),

Gene: Veteran_2 Start: 588, Stop: 2225, Start Num: 155
Candidate Starts for Veteran_2:
(Start: 155 @588 has 202 MA's), (168, 603), (Start: 176 @612 has 3 MA's), (182, 618), (Start: 217 @645 has 1 MA's), (Start: 247 @669 has 171 MA's), (Start: 250 @672 has 144 MA's), (Start: 318 @735 has 1 MA's), (Start: 330 @753 has 14 MA's), (353, 774), (412, 861), (414, 867), (454, 921), (473, 933), (484, 945), (487, 954), (488, 957), (496, 978), (508, 999), (516, 1014), (548, 1071), (575, 1110), (602, 1179), (604, 1185), (621, 1215), (622, 1218), (627, 1227), (635, 1242), (647, 1260), (680, 1311), (740, 1413), (862, 1584), (874, 1596), (920, 1614), (983, 1680), (1005, 1710), (1007, 1713), (1010, 1716), (1080, 1773), (1097, 1788), (1101, 1794), (1104, 1797), (1113, 1812), (1117, 1821), (1164, 1890), (1190, 1920), (1225, 1962), (1239, 1980), (1250, 1995), (1265, 2022), (1297, 2055), (1320, 2082), (1325, 2085), (1349, 2106), (1365, 2130), (1372, 2139), (1374, 2142), (1429, 2199),

Gene: Vetrix_4 Start: 1069, Stop: 2637, Start Num: 138
Candidate Starts for Vetrix_4:
(Start: 138 @1069 has 120 MA's), (Start: 142 @1075 has 6 MA's), (Start: 284 @1231 has 1 MA's), (512, 1528), (515, 1534), (556, 1594), (591, 1666), (594, 1672), (675, 1792), (710, 1840), (762, 1894), (776, 1918), (807, 1963), (809, 1969), (827, 1999), (832, 2005), (855, 2032), (863, 2041), (942, 2098), (946, 2104), (959, 2125), (962, 2131), (1020, 2206), (1023, 2209), (1060, 2245), (1116, 2290), (1172, 2356), (1234, 2431), (1266, 2449), (1278, 2458), (1420, 2605), (1448, 2629), (1450, 2632),

Gene: Vidya_2 Start: 413, Stop: 2089, Start Num: 138
Candidate Starts for Vidya_2:
(Start: 138 @413 has 120 MA's), (Start: 318 @629 has 1 MA's), (349, 668), (380, 725), (384, 731), (396, 749), (421, 794), (426, 806), (431, 815), (444, 821), (483, 878), (490, 899), (495, 911), (558, 1001), (659, 1190), (745, 1286), (766, 1316), (778, 1337), (919, 1490), (1107, 1688), (1112, 1697), (1139, 1724), (1172, 1766), (1187, 1784), (1278, 1868), (1290, 1883), (1463, 2072),

Gene: VieEnRose_6 Start: 2652, Stop: 4313, Start Num: 95
Candidate Starts for VieEnRose_6:
(Start: 95 @2652 has 98 MA's), (Start: 284 @2835 has 1 MA's), (Start: 318 @2871 has 1 MA's), (469, 3042), (504, 3105), (538, 3162), (575, 3213), (603, 3285), (620, 3309), (636, 3342), (659, 3378), (680,

3408), (693, 3429), (751, 3522), (803, 3561), (813, 3585), (838, 3621), (903, 3681), (983, 3771), (997, 3792), (1015, 3813), (1115, 3912), (1193, 4029), (1236, 4074),

Gene: Vine_5 Start: 1901, Stop: 3577, Start Num: 170
Candidate Starts for Vine_5:
(Start: 170 @1901 has 103 MA's), (Start: 232 @1952 has 1 MA's), (Start: 249 @1973 has 1 MA's), (304, 2018), (Start: 330 @2060 has 14 MA's), (362, 2096), (415, 2162), (490, 2258), (509, 2294), (513, 2303), (515, 2306), (543, 2354), (550, 2366), (595, 2453), (625, 2510), (701, 2633), (735, 2687), (842, 2867), (866, 2900), (954, 2966), (987, 3032), (992, 3038), (1080, 3122), (1146, 3203), (1163, 3236), (1219, 3305), (1292, 3383), (1374, 3482), (1394, 3503), (1400, 3509), (1454, 3563), (1456, 3566),

Gene: Vinye_4 Start: 799, Stop: 2292, Start Num: 204
Candidate Starts for Vinye_4:
(Start: 204 @799 has 1 MA's), (245, 841), (Start: 318 @943 has 1 MA's), (Start: 336 @970 has 12 MA's), (399, 1024), (405, 1033), (419, 1063), (424, 1072), (488, 1165), (585, 1312), (586, 1315), (607, 1363), (622, 1393), (657, 1444), (661, 1450), (677, 1462), (707, 1504), (725, 1525), (827, 1657), (860, 1690), (902, 1732), (971, 1825), (979, 1840), (1047, 1906), (1154, 2011), (1201, 2056), (1206, 2065), (1280, 2125), (1299, 2149), (1317, 2164), (1349, 2206), (1358, 2218),

Gene: Violac_2 Start: 571, Stop: 2208, Start Num: 155
Candidate Starts for Violac_2:
(Start: 155 @571 has 202 MA's), (163, 580), (Start: 176 @595 has 3 MA's), (Start: 217 @628 has 1 MA's), (Start: 247 @652 has 171 MA's), (Start: 250 @655 has 144 MA's), (Start: 318 @718 has 1 MA's), (353, 757), (412, 844), (454, 904), (473, 916), (484, 928), (487, 937), (488, 940), (496, 961), (508, 982), (548, 1054), (575, 1093), (602, 1162), (604, 1168), (621, 1198), (622, 1201), (627, 1210), (635, 1225), (647, 1243), (680, 1294), (717, 1345), (740, 1396), (862, 1567), (872, 1576), (874, 1579), (983, 1663), (1005, 1693), (1007, 1696), (1010, 1699), (1080, 1756), (1097, 1771), (1101, 1777), (1104, 1780), (1113, 1795), (1117, 1804), (1164, 1873), (1190, 1903), (1196, 1912), (1225, 1945), (1239, 1963), (1250, 1978), (1265, 2005), (1297, 2038), (1320, 2065), (1325, 2068), (1349, 2089), (1365, 2113), (1372, 2122), (1374, 2125), (1429, 2182),

Gene: Vitas_2 Start: 593, Stop: 2155, Start Num: 225
Candidate Starts for Vitas_2:
(Start: 225 @593 has 84 MA's), (Start: 307 @701 has 198 MA's), (339, 749), (431, 857), (444, 863), (459, 872), (461, 878), (463, 881), (515, 977), (569, 1040), (620, 1154), (650, 1214), (662, 1232), (822, 1460), (865, 1505), (973, 1643), (1290, 1970), (1453, 2144), (1457, 2147),

Gene: VitulaEligans_3 Start: 1155, Stop: 2615, Start Num: 250
Candidate Starts for VitulaEligans_3:
(Start: 250 @1155 has 144 MA's), (Start: 254 @1161 has 2 MA's), (358, 1323), (363, 1332), (399, 1392), (444, 1461), (465, 1482), (488, 1533), (619, 1737), (755, 1872), (806, 1950), (817, 1965), (842, 2001), (880, 2043), (911, 2076), (926, 2094), (1015, 2214), (1020, 2217), (1039, 2229), (1113, 2304), (1172, 2367), (1187, 2385), (1190, 2388), (1330, 2550), (1337, 2559), (1344, 2568),

Gene: ViviJ_5 Start: 1089, Stop: 2516, Start Num: 262
Candidate Starts for ViviJ_5:
(Start: 262 @1089 has 67 MA's), (310, 1146), (Start: 322 @1167 has 1 MA's), (Start: 336 @1191 has 12 MA's), (391, 1275), (402, 1284), (405, 1290), (444, 1350), (463, 1368), (487, 1419), (505, 1458), (591, 1572), (607, 1614), (611, 1623), (613, 1626), (675, 1704), (792, 1818), (820, 1866), (827, 1878), (851, 1908), (880, 1944), (903, 1971), (962, 2028), (1042, 2112), (1064, 2136), (1142, 2214), (1187, 2271), (1208, 2295), (1235, 2319), (1353, 2448), (1425, 2505),

Gene: Vivum_2 Start: 572, Stop: 2209, Start Num: 155

Candidate Starts for Vivum_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 217 @629 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (454, 905), (473, 917), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (736, 1388), (740, 1397), (862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1250, 1979), (1265, 2006), (1297, 2039), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: Vix_13 Start: 7039, Stop: 8739, Start Num: 105
Candidate Starts for Vix_13:
(Start: 105 @7039 has 85 MA's), (Start: 145 @7087 has 1 MA's), (302, 7222), (467, 7414), (513, 7501), (620, 7699), (675, 7789), (718, 7852), (809, 8014), (983, 8212), (999, 8236), (1001, 8239), (1080, 8302), (1088, 8314), (1100, 8323), (1129, 8362), (1193, 8458), (1241, 8512), (1279, 8548), (1405, 8695), (1435, 8725), (1438, 8728),

Gene: VohminGhazi_15 Start: 7533, Stop: 9287, Start Num: 103
Candidate Starts for VohminGhazi_15:
(Start: 103 @7533 has 236 MA's), (298, 7764), (Start: 330 @7815 has 14 MA's), (362, 7851), (424, 7926), (513, 8049), (538, 8088), (581, 8157), (593, 8181), (594, 8184), (620, 8247), (631, 8271), (693, 8370), (696, 8373), (718, 8400), (722, 8403), (923, 8688), (992, 8775), (999, 8787), (1080, 8850), (1113, 8889), (1129, 8910), (1182, 8994), (1193, 9006), (1405, 9243), (1433, 9270), (1435, 9273),

Gene: Volt_36 Start: 10775, Stop: 12181, Start Num: 256
Candidate Starts for Volt_36:
(Start: 207 @10718 has 6 MA's), (Start: 256 @10775 has 6 MA's), (359, 10901), (418, 10961), (422, 10970), (485, 11054), (511, 11108), (591, 11234), (595, 11240), (602, 11258), (637, 11324), (672, 11378), (692, 11411), (745, 11456), (809, 11549), (876, 11627), (953, 11672), (962, 11690), (1009, 11753), (1015, 11759), (1150, 11885), (1188, 11930), (1202, 11948), (1389, 12122),

Gene: Vorrps_30 Start: 13119, Stop: 14630, Start Num: 184
Candidate Starts for Vorrps_30:
(Start: 181 @13116 has 17 MA's), (Start: 184 @13119 has 14 MA's), (Start: 322 @13299 has 1 MA's), (381, 13392), (424, 13467), (451, 13500), (474, 13527), (487, 13557), (591, 13710), (594, 13716), (607, 13752), (611, 13761), (675, 13842), (679, 13851), (680, 13854), (744, 13893), (788, 13950), (809, 13986), (810, 13989), (957, 14145), (962, 14154), (1025, 14223), (1042, 14232), (1046, 14238), (1080, 14271), (1112, 14307), (1187, 14394), (1203, 14415), (1277, 14478), (1283, 14481), (1286, 14484), (1299, 14502), (1317, 14523), (1353, 14565), (1386, 14601), (1415, 14613),

Gene: VroomVroom_2 Start: 553, Stop: 2283, Start Num: 95
Candidate Starts for VroomVroom_2:
(Start: 95 @553 has 98 MA's), (Start: 232 @667 has 1 MA's), (362, 811), (471, 931), (477, 940), (504, 991), (513, 1009), (546, 1057), (595, 1150), (748, 1414), (1001, 1726), (1146, 1879), (1193, 1954), (1209, 1969), (1268, 2047), (1292, 2098), (1381, 2206), (1442, 2269),

Gene: Vulpecula_3 Start: 1027, Stop: 2607, Start Num: 238
Candidate Starts for Vulpecula_3:
(Start: 85 @850 has 2 MA's), (Start: 171 @961 has 16 MA's), (Start: 238 @1027 has 22 MA's), (Start: 309 @1123 has 15 MA's), (314, 1132), (424, 1264), (431, 1279), (463, 1303), (620, 1576), (625, 1588), (650, 1636), (665, 1657), (700, 1717), (720, 1747), (731, 1756), (774, 1819), (954, 2035), (961, 2047), (1003, 2113), (1020, 2128), (1048, 2158), (1096, 2197), (1102, 2206), (1110, 2215), (1176, 2305),

(1364, 2515), (1449, 2596),

Gene: Vulture_2 Start: 429, Stop: 1994, Start Num: 165
Candidate Starts for Vulture_2:
(Start: 165 @429 has 76 MA's), (Start: 307 @600 has 198 MA's), (Start: 397 @693 has 4 MA's), (426, 750), (431, 759), (463, 783), (488, 837), (569, 966), (620, 1080), (650, 1140), (672, 1170), (790, 1269), (803, 1284), (941, 1452), (983, 1527), (985, 1530), (1009, 1560), (1100, 1644), (1133, 1692), (1177, 1716), (1283, 1806), (1328, 1860), (1404, 1941), (1451, 1980),

Gene: WST1_2 Start: 747, Stop: 2147, Start Num: 322
Candidate Starts for WST1_2:
(163, 600), (Start: 230 @663 has 31 MA's), (Start: 322 @747 has 1 MA's), (425, 909), (463, 945), (487, 996), (490, 1005), (607, 1191), (618, 1212), (636, 1233), (641, 1245), (675, 1281), (679, 1290), (715, 1353), (820, 1491), (827, 1503), (959, 1644), (962, 1650), (1042, 1719), (1059, 1737), (1095, 1767), (1112, 1791), (1142, 1821), (1160, 1854), (1187, 1878), (1235, 1932), (1263, 1956),

Gene: Wachhund_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for Wachhund_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 217 @629 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (454, 905), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (516, 998), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (717, 1346), (736, 1388), (740, 1397), (862, 1568), (874, 1580), (920, 1598), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1239, 1964), (1250, 1979), (1265, 2006), (1290, 2030), (1297, 2039), (1315, 2060), (1320, 2066), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: Waits_14 Start: 6653, Stop: 8350, Start Num: 103
Candidate Starts for Waits_14:
(Start: 103 @6653 has 236 MA's), (120, 6671), (302, 6833), (487, 7058), (513, 7112), (581, 7220), (594, 7247), (620, 7310), (631, 7334), (999, 7850), (1080, 7913), (1115, 7955), (1193, 8069), (1292, 8174), (1405, 8306), (1433, 8333), (1435, 8336), (1438, 8339),

Gene: WalkingDead_3 Start: 947, Stop: 2572, Start Num: 225
Candidate Starts for WalkingDead_3:
(Start: 225 @947 has 84 MA's), (339, 1103), (405, 1157), (431, 1211), (459, 1226), (490, 1295), (520, 1340), (594, 1445), (595, 1448), (620, 1508), (628, 1526), (630, 1529), (643, 1556), (662, 1586), (774, 1748), (956, 1964), (1003, 2039), (1015, 2051), (1328, 2405),

Gene: Wallaby_7 Start: 1988, Stop: 3688, Start Num: 170
Candidate Starts for Wallaby_7:
(Start: 170 @1988 has 103 MA's), (214, 2018), (Start: 249 @2060 has 1 MA's), (362, 2198), (408, 2246), (425, 2276), (467, 2309), (485, 2345), (490, 2360), (496, 2375), (513, 2405), (543, 2456), (595, 2555), (603, 2576), (645, 2645), (675, 2687), (692, 2717), (780, 2864), (808, 2915), (848, 2978), (866, 3002), (953, 3068), (969, 3101), (979, 3125), (981, 3128), (987, 3137), (1001, 3158), (1025, 3185), (1080, 3230), (1088, 3242), (1098, 3248), (1113, 3269), (1142, 3308), (1214, 3407), (1247, 3443), (1330, 3530), (1394, 3611), (1400, 3617), (1454, 3674), (1456, 3677),

Gene: Walrus_2 Start: 361, Stop: 1959, Start Num: 173
Candidate Starts for Walrus_2:
(Start: 119 @334 has 2 MA's), (Start: 167 @355 has 9 MA's), (Start: 173 @361 has 36 MA's), (289, 475), (293, 484), (Start: 318 @517 has 1 MA's), (Start: 333 @535 has 4 MA's), (342, 550), (384, 571),

(399, 592), (418, 628), (431, 655), (465, 691), (483, 727), (487, 739), (513, 781), (515, 784), (620, 961), (648, 1003), (661, 1018), (675, 1033), (677, 1036), (745, 1111), (778, 1162), (919, 1318), (946, 1339), (949, 1342), (1002, 1429), (1015, 1441), (1057, 1474), (1060, 1477), (1107, 1516), (1111, 1522), (1112, 1525), (1172, 1594), (1174, 1597), (1224, 1657), (1226, 1660), (1234, 1669), (1317, 1738), (1326, 1753), (1466, 1942),

Gene: WalterMcMickey_11 Start: 6715, Stop: 8406, Start Num: 102
Candidate Starts for WalterMcMickey_11:
(Start: 102 @6715 has 400 MA's), (Start: 124 @6739 has 46 MA's), (Start: 251 @6862 has 3 MA's), (362, 6982), (381, 6994), (412, 7039), (467, 7093), (485, 7120), (490, 7135), (513, 7180), (538, 7219), (575, 7267), (581, 7288), (593, 7312), (620, 7363), (693, 7486), (774, 7618), (816, 7693), (848, 7738), (923, 7804), (983, 7879), (999, 7903), (1080, 7969), (1113, 8008), (1115, 8011), (1129, 8029), (1193, 8125), (1250, 8194), (1405, 8362), (1435, 8392), (1438, 8395),

Gene: Wamburgrxpress_4 Start: 1052, Stop: 2635, Start Num: 138
Candidate Starts for Wamburgrxpress_4:
(Start: 138 @1052 has 120 MA's), (Start: 142 @1058 has 6 MA's), (293, 1229), (361, 1316), (396, 1334), (402, 1340), (419, 1376), (513, 1514), (515, 1517), (566, 1592), (591, 1646), (593, 1649), (594, 1652), (710, 1820), (762, 1874), (766, 1883), (776, 1898), (791, 1919), (813, 1958), (827, 1979), (832, 1985), (855, 2012), (900, 2054), (942, 2078), (954, 2096), (959, 2105), (962, 2111), (977, 2144), (1009, 2177), (1050, 2216), (1057, 2222), (1060, 2225), (1116, 2270), (1172, 2336), (1213, 2387), (1226, 2402), (1234, 2411), (1263, 2426), (1266, 2429), (1373, 2531), (1394, 2558), (1448, 2609), (1450, 2612),

Gene: Wanda_10 Start: 3688, Stop: 5220, Start Num: 233
Candidate Starts for Wanda_10:
(159, 3604), (Start: 198 @3646 has 4 MA's), (Start: 205 @3655 has 1 MA's), (Start: 233 @3688 has 12 MA's), (331, 3802), (380, 3865), (Start: 403 @3898 has 1 MA's), (405, 3901), (424, 3940), (426, 3946), (484, 4021), (487, 4030), (566, 4132), (583, 4171), (599, 4204), (766, 4453), (808, 4516), (822, 4543), (960, 4702), (975, 4738), (993, 4759), (1005, 4768), (1015, 4777), (1082, 4831), (1112, 4855), (1181, 4936), (1349, 5089), (1358, 5101),

Gene: Wander_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Wander_11:
(Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (467, 7253), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Warda_2 Start: 533, Stop: 2239, Start Num: 124
Candidate Starts for Warda_2:
(Start: 124 @533 has 46 MA's), (486, 905), (513, 962), (546, 1010), (595, 1100), (623, 1154), (693, 1274), (748, 1364), (881, 1526), (983, 1649), (1193, 1904), (1209, 1919), (1292, 2054), (1363, 2138), (1381, 2162),

Gene: Warrior24_14 Start: 6657, Stop: 8354, Start Num: 103
Candidate Starts for Warrior24_14:
(Start: 103 @6657 has 236 MA's), (120, 6675), (302, 6837), (424, 6993), (487, 7062), (513, 7116), (581, 7224), (594, 7251), (620, 7314), (631, 7338), (999, 7854), (1080, 7917), (1115, 7959), (1193, 8073), (1292, 8178), (1405, 8310), (1433, 8337), (1435, 8340), (1438, 8343),

Gene: Waterfoul_6 Start: 1347, Stop: 2774, Start Num: 262

Candidate Starts for Waterfoul_6:
(156, 1254), (Start: 262 @1347 has 67 MA's), (310, 1404), (Start: 322 @1425 has 1 MA's), (Start: 336 @1449 has 12 MA's), (391, 1533), (402, 1542), (405, 1548), (425, 1590), (444, 1608), (463, 1626), (487, 1677), (492, 1692), (532, 1752), (591, 1830), (607, 1872), (611, 1881), (613, 1884), (675, 1962), (792, 2076), (820, 2124), (851, 2166), (870, 2190), (880, 2202), (903, 2229), (956, 2274), (962, 2286), (1107, 2433), (1142, 2472), (1187, 2529), (1208, 2553), (1235, 2577), (1263, 2601), (1348, 2700), (1353, 2706), (1425, 2763),

Gene: Watermelon_13 Start: 7861, Stop: 9549, Start Num: 102
Candidate Starts for Watermelon_13:
(Start: 102 @7861 has 400 MA's), (381, 8125), (402, 8149), (513, 8311), (535, 8344), (581, 8419), (620, 8509), (631, 8533), (647, 8560), (679, 8608), (728, 8677), (774, 8764), (809, 8824), (1009, 9058), (1021, 9070), (1080, 9112), (1100, 9133), (1117, 9160), (1193, 9268), (1279, 9358), (1365, 9463),

Gene: Watson_13 Start: 6949, Stop: 8649, Start Num: 105
Candidate Starts for Watson_13:
(Start: 105 @6949 has 85 MA's), (Start: 145 @6997 has 1 MA's), (302, 7132), (467, 7324), (513, 7411), (620, 7609), (675, 7699), (718, 7762), (809, 7924), (983, 8122), (999, 8146), (1001, 8149), (1080, 8212), (1100, 8233), (1129, 8272), (1193, 8368), (1241, 8422), (1279, 8458), (1405, 8605), (1435, 8635), (1438, 8638),

Gene: Wawa_5 Start: 3103, Stop: 4668, Start Num: 165
Candidate Starts for Wawa_5:
(Start: 165 @3103 has 76 MA's), (Start: 333 @3313 has 4 MA's), (334, 3316), (Start: 397 @3367 has 4 MA's), (431, 3433), (463, 3457), (584, 3673), (591, 3685), (593, 3688), (595, 3694), (620, 3754), (650, 3814), (658, 3826), (770, 3913), (790, 3943), (803, 3958), (852, 4039), (936, 4117), (941, 4126), (961, 4162), (983, 4201), (1009, 4234), (1020, 4243), (1046, 4270), (1105, 4324), (1133, 4366), (1197, 4411), (1212, 4432), (1232, 4456), (1328, 4534), (1451, 4654),

Gene: Wayne_5 Start: 3150, Stop: 4718, Start Num: 165
Candidate Starts for Wayne_5:
(Start: 165 @3150 has 76 MA's), (314, 3336), (334, 3366), (Start: 397 @3417 has 4 MA's), (405, 3429), (419, 3459), (426, 3474), (463, 3507), (518, 3609), (569, 3690), (593, 3738), (620, 3804), (643, 3852), (648, 3861), (652, 3867), (753, 3936), (770, 3963), (790, 3993), (813, 4032), (961, 4212), (1009, 4284), (1046, 4320), (1133, 4416), (1212, 4482), (1264, 4512), (1274, 4518), (1328, 4584), (1451, 4704),

Gene: Webster2_5 Start: 1855, Stop: 3489, Start Num: 102
Candidate Starts for Webster2_5:
(Start: 102 @1855 has 400 MA's), (Start: 153 @1894 has 15 MA's), (Start: 208 @1942 has 5 MA's), (342, 2113), (396, 2152), (512, 2332), (516, 2341), (522, 2350), (566, 2413), (570, 2419), (605, 2503), (606, 2506), (607, 2509), (675, 2605), (677, 2608), (680, 2617), (745, 2683), (766, 2713), (785, 2740), (807, 2773), (820, 2794), (822, 2797), (919, 2893), (946, 2914), (1002, 3004), (1051, 3046), (1074, 3064), (1078, 3070), (1146, 3133), (1149, 3139), (1150, 3142), (1187, 3187), (1191, 3193), (1213, 3220), (1226, 3235), (1290, 3286), (1297, 3295), (1309, 3310), (1317, 3313), (1346, 3352), (1358, 3367), (1371, 3382), (1374, 3385), (1460, 3463), (1462, 3469),

Gene: Wee_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Wee_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (487, 953), (488, 956), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862,

1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: WeiHuaDA_18 Start: 9697, Stop: 11484, Start Num: 103
Candidate Starts for WeiHuaDA_18:
(Start: 103 @9697 has 236 MA's), (Start: 217 @9805 has 1 MA's), (234, 9826), (298, 9934), (Start: 330 @9985 has 14 MA's), (362, 10021), (512, 10216), (513, 10219), (581, 10327), (620, 10417), (631, 10441), (722, 10573), (983, 10960), (1088, 11059), (1113, 11086), (1115, 11089), (1129, 11107), (1193, 11203), (1405, 11440), (1433, 11467), (1435, 11470), (1438, 11473), (1440, 11476),

Gene: Weirdo19_2 Start: 543, Stop: 2216, Start Num: 76
Candidate Starts for Weirdo19_2:
(47, 483), (63, 522), (Start: 76 @543 has 1 MA's), (310, 729), (320, 747), (334, 768), (342, 780), (347, 783), (419, 861), (421, 864), (483, 945), (544, 1044), (566, 1074), (593, 1131), (607, 1170), (690, 1293), (808, 1482), (891, 1572), (906, 1590), (912, 1596), (943, 1620), (954, 1638), (1002, 1713), (1009, 1719), (1042, 1743), (1080, 1782), (1111, 1806), (1113, 1812), (1146, 1842), (1149, 1848), (1150, 1851), (1172, 1878), (1226, 1944), (1290, 1995), (1297, 2004), (1317, 2022), (1356, 2067), (1364, 2076), (1371, 2085), (1401, 2121), (1409, 2127), (1465, 2205),

Gene: WelcomeAyanna_2 Start: 498, Stop: 2222, Start Num: 305
Candidate Starts for WelcomeAyanna_2:
(Start: 295 @483 has 6 MA's), (Start: 305 @498 has 33 MA's), (373, 588), (439, 702), (499, 804), (510, 828), (513, 834), (526, 858), (530, 864), (555, 915), (590, 987), (696, 1185), (728, 1227), (732, 1233), (782, 1317), (783, 1320), (807, 1344), (885, 1455), (908, 1482), (1013, 1659), (1191, 1932), (1194, 1935), (1197, 1941), (1212, 1962), (1241, 1995), (1245, 2001), (1281, 2049), (1289, 2058), (1307, 2082), (1332, 2100), (1374, 2157), (1439, 2214),

Gene: Wendigo_2 Start: 359, Stop: 1891, Start Num: 161
Candidate Starts for Wendigo_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Werner_6 Start: 2377, Stop: 4023, Start Num: 95
Candidate Starts for Werner_6:
(Start: 95 @2377 has 98 MA's), (Start: 113 @2395 has 11 MA's), (Start: 251 @2527 has 3 MA's), (Start: 330 @2599 has 14 MA's), (362, 2635), (504, 2815), (515, 2836), (548, 2881), (575, 2923), (603, 2995), (620, 3019), (680, 3118), (690, 3133), (704, 3157), (712, 3163), (838, 3331), (983, 3481), (997, 3502), (1064, 3565), (1088, 3592), (1165, 3700), (1193, 3739), (1214, 3760), (1219, 3766), (1236, 3784), (1325, 3880), (1372, 3940), (1445, 4018),

Gene: Westerlin_7 Start: 4800, Stop: 6539, Start Num: 307
Candidate Starts for Westerlin_7:
(Start: 307 @4800 has 198 MA's), (367, 4899), (433, 5019), (485, 5118), (502, 5160), (516, 5190), (532, 5220), (556, 5268), (572, 5289), (611, 5391), (644, 5460), (656, 5484), (709, 5574), (750, 5646), (791, 5721), (805, 5745), (892, 5874), (956, 5955), (1053, 6069), (1071, 6087), (1076, 6093), (1120, 6156), (1123, 6159), (1252, 6348), (1273, 6363), (1290, 6387), (1299, 6399), (1370, 6489), (1372, 6492),

Gene: Westrich_4 Start: 958, Stop: 2538, Start Num: 238
Candidate Starts for Westrich_4:
(Start: 171 @892 has 16 MA's), (Start: 238 @958 has 22 MA's), (Start: 309 @1054 has 15 MA's), (314, 1063), (Start: 318 @1072 has 1 MA's), (334, 1093), (374, 1117), (Start: 397 @1144 has 4 MA's), (405, 1156), (424, 1195), (431, 1210), (463, 1234), (474, 1255), (598, 1456), (620, 1507), (628, 1525), (650, 1567), (665, 1588), (700, 1648), (720, 1678), (731, 1687), (774, 1750), (961, 1978), (983, 2017), (1003, 2044), (1020, 2059), (1048, 2089), (1096, 2128), (1151, 2206), (1176, 2236), (1200, 2263), (1364, 2446), (1369, 2452), (1385, 2473), (1449, 2527),

Gene: Whabigail7_14 Start: 7898, Stop: 9685, Start Num: 103
Candidate Starts for Whabigail7_14:
(Start: 103 @7898 has 236 MA's), (Start: 217 @8006 has 1 MA's), (234, 8027), (278, 8093), (280, 8099), (298, 8135), (314, 8159), (362, 8222), (512, 8417), (513, 8420), (581, 8528), (620, 8618), (631, 8642), (679, 8717), (704, 8759), (722, 8774), (916, 9074), (1088, 9260), (1113, 9287), (1129, 9308), (1193, 9404), (1405, 9641), (1435, 9671),

Gene: Whack_2 Start: 366, Stop: 1988, Start Num: 151
Candidate Starts for Whack_2:
(Start: 119 @345 has 2 MA's), (Start: 124 @351 has 46 MA's), (Start: 151 @366 has 55 MA's), (274, 504), (Start: 318 @564 has 1 MA's), (342, 597), (425, 690), (483, 762), (501, 804), (586, 921), (607, 972), (620, 996), (710, 1113), (723, 1131), (891, 1332), (956, 1398), (964, 1416), (970, 1428), (1057, 1518), (1078, 1536), (1139, 1593), (1174, 1638), (1187, 1653), (1224, 1698),

Gene: Whatever_6 Start: 2377, Stop: 4023, Start Num: 95
Candidate Starts for Whatever_6:
(Start: 95 @2377 has 98 MA's), (Start: 113 @2395 has 11 MA's), (Start: 251 @2527 has 3 MA's), (Start: 330 @2599 has 14 MA's), (362, 2635), (504, 2815), (515, 2836), (548, 2881), (575, 2923), (603, 2995), (620, 3019), (680, 3118), (690, 3133), (704, 3157), (712, 3163), (838, 3331), (983, 3481), (997, 3502), (1064, 3565), (1088, 3592), (1165, 3700), (1193, 3739), (1214, 3760), (1219, 3766), (1236, 3784), (1325, 3880), (1372, 3940), (1445, 4018),

Gene: Whatsapiecost_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Whatsapiecost_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: WheatThin_6 Start: 1978, Stop: 3408, Start Num: 317
Candidate Starts for WheatThin_6:
(Start: 176 @1810 has 3 MA's), (Start: 179 @1813 has 1 MA's), (188, 1822), (Start: 317 @1978 has 15 MA's), (Start: 330 @1996 has 14 MA's), (431, 2119), (459, 2137), (481, 2176), (484, 2185), (536, 2269), (594, 2353), (600, 2368), (613, 2401), (659, 2467), (752, 2599), (893, 2788), (903, 2800), (954, 2848), (973, 2890), (1023, 2941), (1111, 3016), (1112, 3019), (1139, 3046), (1187, 3106), (1213, 3139), (1226, 3154), (1278, 3190), (1317, 3232), (1336, 3259), (1371, 3295), (1377, 3301), (1409, 3340),

Gene: Wheeler_11 Start: 7027, Stop: 8715, Start Num: 102
Candidate Starts for Wheeler_11:
(Start: 102 @7027 has 400 MA's), (381, 7291), (402, 7315), (513, 7477), (535, 7510), (581, 7585), (620, 7675), (631, 7699), (647, 7726), (679, 7774), (774, 7930), (809, 7990), (1009, 8224), (1021, 8236), (1080, 8278), (1100, 8299), (1117, 8326), (1193, 8434), (1279, 8524), (1365, 8629),

Gene: Wheezy_24 Start: 12135, Stop: 13862, Start Num: 153
Candidate Starts for Wheezy_24:
(30, 11901), (Start: 72 @12030 has 7 MA's), (Start: 153 @12135 has 15 MA's), (Start: 317 @12285 has 15 MA's), (351, 12336), (353, 12342), (379, 12381), (Start: 403 @12411 has 1 MA's), (414, 12435), (424, 12453), (437, 12480), (464, 12543), (473, 12561), (621, 12846), (635, 12873), (691, 12957), (740, 13041), (748, 13053), (768, 13086), (824, 13164), (883, 13242), (983, 13314), (1007, 13347), (1054, 13410), (1080, 13437), (1104, 13461), (1117, 13485), (1196, 13584), (1237, 13632), (1365, 13770), (1387, 13800), (1445, 13854),

Gene: Whirlwind_6 Start: 1185, Stop: 2750, Start Num: 138
Candidate Starts for Whirlwind_6:
(Start: 138 @1185 has 120 MA's), (Start: 142 @1191 has 6 MA's), (293, 1362), (396, 1467), (405, 1479), (506, 1635), (512, 1644), (513, 1647), (515, 1650), (566, 1725), (591, 1779), (593, 1782), (594, 1785), (766, 2016), (813, 2091), (827, 2112), (832, 2118), (900, 2187), (942, 2211), (954, 2229), (962, 2244), (977, 2277), (1060, 2358), (1113, 2397), (1116, 2403), (1172, 2469), (1216, 2523), (1263, 2559), (1278, 2571), (1329, 2610), (1400, 2697), (1448, 2742), (1450, 2745),

Gene: Whiteclaw_2 Start: 318, Stop: 1889, Start Num: 151
Candidate Starts for Whiteclaw_2:
(Start: 151 @318 has 55 MA's), (259, 426), (Start: 297 @474 has 6 MA's), (Start: 318 @504 has 1 MA's), (342, 537), (421, 621), (425, 630), (465, 666), (491, 726), (566, 816), (607, 912), (620, 936), (648, 978), (689, 1032), (723, 1071), (778, 1137), (789, 1149), (808, 1179), (840, 1212), (919, 1293), (959, 1338), (962, 1344), (971, 1365), (1054, 1455), (1109, 1500), (1112, 1506), (1142, 1536), (1146, 1539), (1187, 1593), (1216, 1629), (1280, 1680), (1331, 1740), (1334, 1743), (1371, 1785), (1461, 1872),

Gene: Whitspit_12 Start: 7611, Stop: 9299, Start Num: 102
Candidate Starts for Whitspit_12:
(Start: 102 @7611 has 400 MA's), (Start: 309 @7791 has 15 MA's), (381, 7875), (408, 7911), (424, 7938), (513, 8061), (581, 8169), (620, 8259), (631, 8283), (735, 8451), (808, 8571), (809, 8574), (983, 8772), (1001, 8799), (1086, 8871), (1100, 8883), (1115, 8904), (1155, 8961), (1193, 9018), (1279, 9108), (1281, 9111), (1372, 9222), (1374, 9225), (1405, 9255), (1435, 9285), (1438, 9288),

Gene: Whitty_3 Start: 724, Stop: 2607, Start Num: 72
Candidate Starts for Whitty_3:
(9, 475), (Start: 72 @724 has 7 MA's), (Start: 137 @805 has 4 MA's), (144, 814), (Start: 232 @910 has 1 MA's), (241, 922), (362, 1054), (488, 1201), (490, 1207), (504, 1234), (513, 1252), (553, 1315), (625, 1450), (738, 1651), (790, 1708), (987, 1927), (1028, 1978), (1054, 2002), (1091, 2053), (1167, 2182), (1185, 2221), (1193, 2230), (1226, 2281), (1251, 2320), (1281, 2407), (1292, 2419), (1370, 2512), (1381, 2527), (1383, 2530),

Gene: WhoseManz_26 Start: 10017, Stop: 11744, Start Num: 155
Candidate Starts for WhoseManz_26:
(Start: 155 @10017 has 202 MA's), (Start: 217 @10080 has 1 MA's), (Start: 317 @10167 has 15 MA's), (351, 10218), (Start: 403 @10293 has 1 MA's), (408, 10302), (464, 10425), (473, 10443), (621, 10725), (635, 10752), (740, 10920), (748, 10932), (824, 11043), (1007, 11226), (1104, 11340), (1113, 11355), (1136, 11388), (1196, 11463), (1320, 11607), (1365, 11649), (1387, 11679), (1432, 11721),

Gene: Whouxphf_2 Start: 572, Stop: 2209, Start Num: 155
Candidate Starts for Whouxphf_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 217 @629 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (454, 905), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (740, 1397), (862, 1568), (874, 1580), (920, 1598), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1225, 1946), (1239, 1964), (1250, 1979), (1265, 2006), (1290, 2030), (1297, 2039), (1315, 2060), (1320, 2066), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: WideWale_14 Start: 7926, Stop: 9713, Start Num: 103
Candidate Starts for WideWale_14:
(23, 7740), (50, 7842), (Start: 103 @7926 has 236 MA's), (Start: 217 @8034 has 1 MA's), (234, 8055), (288, 8145), (298, 8163), (487, 8394), (512, 8445), (513, 8448), (581, 8556), (620, 8646), (631, 8670), (722, 8802), (983, 9189), (1113, 9315), (1129, 9336), (1182, 9420), (1193, 9432), (1405, 9669), (1433, 9696), (1435, 9699), (1438, 9702), (1440, 9705),

Gene: Widow_2 Start: 482, Stop: 2065, Start Num: 211
Candidate Starts for Widow_2:
(8, 53), (10, 59), (22, 158), (Start: 211 @482 has 13 MA's), (339, 656), (Start: 397 @698 has 4 MA's), (419, 740), (481, 824), (513, 884), (567, 947), (571, 953), (593, 998), (628, 1082), (648, 1121), (748, 1190), (790, 1253), (830, 1307), (877, 1355), (922, 1406), (952, 1442), (972, 1487), (979, 1499), (1006, 1535), (1020, 1544), (1040, 1562), (1122, 1673), (1177, 1745), (1180, 1748), (1197, 1766), (1225, 1802), (1305, 1901), (1451, 2057),

Gene: Wigberry_7 Start: 2809, Stop: 4542, Start Num: 307
Candidate Starts for Wigberry_7:
(Start: 307 @2809 has 198 MA's), (310, 2815), (342, 2863), (367, 2908), (440, 3046), (488, 3130), (505, 3169), (525, 3208), (535, 3229), (556, 3271), (572, 3292), (637, 3445), (644, 3463), (727, 3595), (805, 3748), (892, 3877), (950, 3946), (956, 3958), (1053, 4072), (1071, 4090), (1120, 4159), (1123, 4162), (1156, 4213), (1190, 4255), (1273, 4366), (1290, 4390), (1299, 4402), (1370, 4492), (1372, 4495),

Gene: Wiggin_10 Start: 2509, Stop: 4179, Start Num: 394
Candidate Starts for Wiggin_10:
(Start: 394 @2509 has 48 MA's), (427, 2572), (551, 2806), (598, 2908), (693, 3088), (710, 3112), (724, 3130), (732, 3142), (768, 3205), (776, 3217), (808, 3262), (815, 3277), (873, 3355), (911, 3400), (934, 3454), (935, 3460), (1000, 3574), (1037, 3622), (1104, 3718), (1116, 3739), (1124, 3754), (1218, 3907), (1232, 3919), (1279, 3976), (1307, 4012), (1346, 4063), (1372, 4099), (1374, 4102), (1438, 4168),

Gene: Wigglewiggle_4 Start: 1069, Stop: 2637, Start Num: 138
Candidate Starts for Wigglewiggle_4:
(Start: 138 @1069 has 120 MA's), (Start: 142 @1075 has 6 MA's), (Start: 284 @1231 has 1 MA's), (512, 1528), (515, 1534), (556, 1594), (591, 1666), (594, 1672), (675, 1792), (710, 1840), (762, 1894), (776, 1918), (807, 1963), (809, 1969), (827, 1999), (832, 2005), (855, 2032), (863, 2041), (942, 2098), (946, 2104), (959, 2125), (962, 2131), (1020, 2206), (1023, 2209), (1060, 2245), (1116, 2290), (1172, 2356), (1234, 2431), (1266, 2449), (1278, 2458), (1420, 2605), (1448, 2629), (1450, 2632),

Gene: Wiks_15 Start: 7514, Stop: 9268, Start Num: 103

Candidate Starts for Wiks_15:
(Start: 103 @7514 has 236 MA's), (241, 7646), (298, 7745), (314, 7769), (Start: 330 @7796 has 14 MA's), (362, 7832), (424, 7907), (513, 8030), (523, 8045), (538, 8069), (581, 8138), (593, 8162), (594, 8165), (620, 8228), (631, 8252), (718, 8381), (722, 8384), (780, 8495), (914, 8657), (983, 8744), (992, 8756), (999, 8768), (1064, 8816), (1080, 8831), (1113, 8870), (1129, 8891), (1182, 8975), (1193, 8987), (1405, 9224), (1433, 9251), (1435, 9254),

Gene: Wilbur_11 Start: 6883, Stop: 8580, Start Num: 102
Candidate Starts for Wilbur_11:
(Start: 102 @6883 has 400 MA's), (Start: 124 @6907 has 46 MA's), (Start: 251 @7030 has 3 MA's), (350, 7120), (381, 7153), (467, 7252), (512, 7336), (513, 7339), (538, 7378), (581, 7447), (593, 7471), (620, 7537), (675, 7627), (774, 7792), (825, 7879), (848, 7912), (923, 7978), (981, 8050), (983, 8053), (999, 8077), (1064, 8128), (1080, 8143), (1113, 8182), (1129, 8203), (1193, 8299), (1405, 8536), (1435, 8566), (1438, 8569),

Gene: Wildcat_26 Start: 8104, Stop: 9717, Start Num: 152
Candidate Starts for Wildcat_26:
(Start: 152 @8104 has 15 MA's), (293, 8254), (310, 8272), (Start: 333 @8305 has 4 MA's), (339, 8317), (Start: 403 @8368 has 1 MA's), (405, 8371), (428, 8419), (431, 8425), (470, 8464), (472, 8467), (487, 8500), (531, 8569), (572, 8635), (578, 8653), (591, 8677), (594, 8683), (651, 8788), (690, 8830), (707, 8848), (714, 8857), (878, 9061), (883, 9067), (912, 9100), (1050, 9265), (1060, 9274), (1065, 9280), (1071, 9283), (1142, 9358), (1160, 9391), (1178, 9406), (1263, 9487), (1394, 9640), (1415, 9661), (1418, 9664),

Gene: Wilder_4 Start: 1069, Stop: 2637, Start Num: 138
Candidate Starts for Wilder_4:
(Start: 138 @1069 has 120 MA's), (Start: 142 @1075 has 6 MA's), (Start: 284 @1231 has 1 MA's), (512, 1528), (515, 1534), (556, 1594), (591, 1666), (594, 1672), (675, 1792), (710, 1840), (762, 1894), (776, 1918), (807, 1963), (809, 1969), (827, 1999), (832, 2005), (855, 2032), (863, 2041), (942, 2098), (946, 2104), (959, 2125), (962, 2131), (1020, 2206), (1023, 2209), (1060, 2245), (1116, 2290), (1172, 2356), (1234, 2431), (1266, 2449), (1278, 2458), (1420, 2605), (1448, 2629), (1450, 2632),

Gene: Wildflower_31 Start: 13111, Stop: 14625, Start Num: 181
Candidate Starts for Wildflower_31:
(Start: 181 @13111 has 17 MA's), (Start: 184 @13114 has 14 MA's), (Start: 322 @13294 has 1 MA's), (381, 13387), (424, 13462), (451, 13495), (474, 13522), (487, 13552), (591, 13705), (594, 13711), (607, 13747), (611, 13756), (675, 13837), (679, 13846), (680, 13849), (744, 13888), (788, 13945), (809, 13981), (810, 13984), (957, 14140), (962, 14149), (1025, 14218), (1042, 14227), (1046, 14233), (1080, 14266), (1112, 14302), (1187, 14389), (1203, 14410), (1277, 14473), (1283, 14476), (1286, 14479), (1299, 14497), (1317, 14518), (1353, 14560), (1380, 14593), (1386, 14596), (1415, 14608),

Gene: Wildwest_3 Start: 1478, Stop: 3184, Start Num: 124
Candidate Starts for Wildwest_3:
(13, 1187), (14, 1190), (Start: 124 @1478 has 46 MA's), (Start: 143 @1499 has 16 MA's), (214, 1544), (513, 1907), (546, 1955), (595, 2045), (693, 2219), (851, 2432), (881, 2471), (983, 2594), (1064, 2678), (1163, 2807), (1165, 2813), (1193, 2849), (1209, 2864), (1292, 2999), (1372, 3095), (1381, 3107),

Gene: Wile_11 Start: 6894, Stop: 8591, Start Num: 102
Candidate Starts for Wile_11:
(Start: 102 @6894 has 400 MA's), (Start: 124 @6918 has 46 MA's), (381, 7164), (469, 7269), (512, 7347), (513, 7350), (538, 7389), (581, 7458), (593, 7482), (620, 7548), (675, 7638), (774, 7803), (803, 7848), (825, 7890), (848, 7923), (923, 7989), (981, 8061), (983, 8064), (999, 8088), (1080, 8154), (1113, 8193), (1129, 8214), (1193, 8310), (1402, 8544), (1405, 8547), (1435, 8577), (1438, 8580),

Gene: WileyE_2 Start: 410, Stop: 1990, Start Num: 238
Candidate Starts for WileyE_2:
(150, 320), (Start: 171 @344 has 16 MA's), (Start: 238 @410 has 22 MA's), (Start: 309 @506 has 15 MA's), (314, 515), (405, 608), (424, 647), (431, 662), (620, 959), (625, 971), (628, 977), (650, 1019), (665, 1040), (700, 1100), (720, 1130), (731, 1139), (774, 1202), (954, 1418), (961, 1430), (1003, 1496), (1020, 1511), (1048, 1541), (1096, 1580), (1102, 1589), (1110, 1598), (1176, 1688), (1364, 1898), (1449, 1979),

Gene: Wilkins_11 Start: 6738, Stop: 8426, Start Num: 102
Candidate Starts for Wilkins_11:
(Start: 102 @6738 has 400 MA's), (381, 7002), (402, 7026), (513, 7188), (535, 7221), (581, 7296), (620, 7386), (631, 7410), (647, 7437), (679, 7485), (774, 7641), (778, 7650), (808, 7698), (809, 7701), (1001, 7926), (1009, 7935), (1021, 7947), (1080, 7989), (1100, 8010), (1117, 8037), (1193, 8145), (1279, 8235), (1365, 8340),

Gene: WillSterrel_2 Start: 575, Stop: 2212, Start Num: 155
Candidate Starts for WillSterrel_2:
(Start: 155 @575 has 202 MA's), (163, 584), (Start: 176 @599 has 3 MA's), (Start: 204 @620 has 1 MA's), (Start: 217 @632 has 1 MA's), (Start: 247 @656 has 171 MA's), (Start: 250 @659 has 144 MA's), (261, 677), (Start: 318 @722 has 1 MA's), (353, 761), (412, 848), (454, 908), (473, 920), (484, 932), (487, 941), (488, 944), (496, 965), (508, 986), (516, 1001), (548, 1058), (575, 1097), (602, 1166), (604, 1172), (621, 1202), (622, 1205), (627, 1214), (635, 1229), (647, 1247), (680, 1298), (736, 1391), (740, 1400), (862, 1571), (874, 1583), (920, 1601), (983, 1667), (1005, 1697), (1007, 1700), (1010, 1703), (1080, 1760), (1097, 1775), (1101, 1781), (1104, 1784), (1113, 1799), (1117, 1808), (1164, 1877), (1190, 1907), (1196, 1916), (1225, 1949), (1250, 1982), (1265, 2009), (1297, 2042), (1320, 2069), (1325, 2072), (1349, 2093), (1365, 2117), (1372, 2126), (1374, 2129), (1429, 2186),

Gene: William_2 Start: 378, Stop: 1928, Start Num: 193
Candidate Starts for William_2:
(Start: 119 @333 has 2 MA's), (Start: 151 @348 has 55 MA's), (Start: 167 @354 has 9 MA's), (Start: 175 @363 has 2 MA's), (Start: 193 @378 has 21 MA's), (255, 441), (289, 477), (Start: 306 @504 has 2 MA's), (Start: 318 @519 has 1 MA's), (342, 552), (384, 573), (399, 594), (419, 633), (431, 657), (444, 663), (465, 693), (487, 741), (513, 783), (520, 795), (593, 900), (661, 1020), (745, 1113), (767, 1146), (778, 1164), (919, 1320), (946, 1341), (956, 1359), (1002, 1431), (1060, 1479), (1078, 1497), (1107, 1518), (1112, 1527), (1113, 1530), (1146, 1560), (1187, 1614), (1278, 1701), (1317, 1743), (1358, 1794), (1463, 1911), (1464, 1917),

Gene: WilliamBoone_30 Start: 8027, Stop: 9775, Start Num: 148
Candidate Starts for WilliamBoone_30:
(Start: 148 @8027 has 26 MA's), (Start: 176 @8057 has 3 MA's), (261, 8132), (325, 8186), (Start: 333 @8198 has 4 MA's), (355, 8216), (408, 8282), (457, 8372), (473, 8411), (488, 8435), (512, 8483), (645, 8732), (654, 8750), (787, 8960), (797, 8975), (956, 9143), (1006, 9224), (1026, 9248), (1086, 9335), (1163, 9440), (1198, 9482), (1229, 9518), (1250, 9542), (1258, 9557), (1412, 9731), (1418, 9737),

Gene: Willsammy_2 Start: 400, Stop: 2076, Start Num: 138
Candidate Starts for Willsammy_2:
(Start: 138 @400 has 120 MA's), (Start: 318 @616 has 1 MA's), (349, 655), (380, 712), (396, 736), (421, 781), (426, 793), (431, 802), (444, 808), (483, 865), (490, 886), (495, 898), (558, 988), (659, 1177), (745, 1273), (766, 1303), (778, 1324), (902, 1465), (919, 1477), (959, 1522), (1024, 1609), (1107, 1675), (1112, 1684), (1139, 1711), (1172, 1753), (1187, 1771), (1278, 1855), (1290, 1870), (1463, 2059),

Gene: Winget_31 Start: 13343, Stop: 14857, Start Num: 181
Candidate Starts for Winget_31:
(Start: 181 @13343 has 17 MA's), (Start: 184 @13346 has 14 MA's), (Start: 322 @13526 has 1 MA's), (381, 13619), (424, 13694), (451, 13727), (474, 13754), (487, 13784), (591, 13937), (594, 13943), (607, 13979), (611, 13988), (675, 14069), (679, 14078), (680, 14081), (744, 14120), (788, 14177), (809, 14213), (810, 14216), (957, 14372), (962, 14381), (1025, 14450), (1042, 14459), (1046, 14465), (1080, 14498), (1112, 14534), (1187, 14621), (1203, 14642), (1277, 14705), (1283, 14708), (1286, 14711), (1299, 14729), (1317, 14750), (1353, 14792), (1386, 14828), (1415, 14840),

Gene: WinkNick_3 Start: 820, Stop: 2379, Start Num: 151
Candidate Starts for WinkNick_3:
(88, 760), (Start: 151 @820 has 55 MA's), (259, 928), (Start: 318 @1006 has 1 MA's), (342, 1039), (419, 1120), (421, 1123), (425, 1132), (465, 1168), (491, 1228), (566, 1318), (568, 1321), (607, 1414), (620, 1438), (675, 1510), (723, 1573), (778, 1639), (808, 1681), (875, 1750), (880, 1756), (919, 1795), (946, 1816), (959, 1840), (962, 1846), (971, 1867), (1009, 1912), (1054, 1948), (1057, 1951), (1109, 1993), (1216, 2122), (1280, 2173), (1390, 2302), (1461, 2362),

Gene: Winky_4 Start: 1069, Stop: 2637, Start Num: 138
Candidate Starts for Winky_4:
(Start: 138 @1069 has 120 MA's), (Start: 142 @1075 has 6 MA's), (Start: 284 @1231 has 1 MA's), (512, 1528), (515, 1534), (556, 1594), (591, 1666), (594, 1672), (602, 1693), (675, 1792), (710, 1840), (762, 1894), (776, 1918), (807, 1963), (809, 1969), (827, 1999), (832, 2005), (855, 2032), (863, 2041), (942, 2098), (946, 2104), (959, 2125), (962, 2131), (1020, 2206), (1023, 2209), (1060, 2245), (1116, 2290), (1172, 2356), (1234, 2431), (1266, 2449), (1278, 2458), (1420, 2605), (1448, 2629), (1450, 2632),

Gene: Wintermute_9 Start: 2464, Stop: 3909, Start Num: 247
Candidate Starts for Wintermute_9:
(Start: 247 @2464 has 171 MA's), (Start: 336 @2569 has 12 MA's), (391, 2653), (402, 2662), (425, 2710), (434, 2725), (463, 2752), (487, 2803), (493, 2821), (517, 2851), (532, 2878), (591, 2956), (607, 2998), (611, 3007), (613, 3010), (675, 3088), (679, 3097), (742, 3136), (792, 3202), (820, 3250), (851, 3292), (962, 3409), (992, 3451), (1042, 3496), (1111, 3565), (1150, 3610), (1160, 3631), (1187, 3655), (1353, 3832), (1425, 3898), (1431, 3904),

Gene: Wishmaker_5 Start: 1855, Stop: 3489, Start Num: 102
Candidate Starts for Wishmaker_5:
(Start: 102 @1855 has 400 MA's), (Start: 153 @1894 has 15 MA's), (Start: 208 @1942 has 5 MA's), (342, 2113), (396, 2152), (512, 2332), (516, 2341), (522, 2350), (566, 2413), (570, 2419), (605, 2503), (606, 2506), (607, 2509), (675, 2605), (677, 2608), (680, 2617), (745, 2683), (766, 2713), (785, 2740), (807, 2773), (820, 2794), (822, 2797), (919, 2893), (946, 2914), (1002, 3004), (1051, 3046), (1074, 3064), (1078, 3070), (1146, 3133), (1149, 3139), (1150, 3142), (1187, 3187), (1191, 3193), (1213, 3220), (1226, 3235), (1290, 3286), (1297, 3295), (1309, 3310), (1317, 3313), (1346, 3352), (1358, 3367), (1371, 3382), (1374, 3385), (1460, 3463), (1462, 3469),

Gene: Wisp_2 Start: 360, Stop: 1928, Start Num: 173
Candidate Starts for Wisp_2:
(65, 255), (Start: 173 @360 has 36 MA's), (289, 477), (Start: 318 @519 has 1 MA's), (Start: 333 @537 has 4 MA's), (342, 552), (384, 573), (399, 594), (419, 633), (465, 693), (483, 729), (487, 741), (515, 786), (520, 795), (539, 822), (593, 900), (648, 1005), (661, 1020), (675, 1035), (745, 1113), (778, 1164), (919, 1320), (956, 1359), (973, 1398), (1002, 1431), (1015, 1443), (1071, 1488), (1074, 1491), (1078, 1497), (1112, 1527), (1113, 1530), (1157, 1584), (1174, 1599), (1278, 1701), (1317, 1743), (1326, 1758), (1346, 1779), (1358, 1794), (1449, 1890), (1459, 1902), (1463, 1911), (1464, 1917),

Gene: Witch_3 Start: 1074, Stop: 2534, Start Num: 250
Candidate Starts for Witch_3:
(Start: 250 @1074 has 144 MA's), (Start: 254 @1080 has 2 MA's), (358, 1242), (363, 1251), (399, 1311), (444, 1380), (465, 1401), (488, 1452), (619, 1656), (806, 1869), (817, 1884), (842, 1920), (880, 1962), (911, 1995), (926, 2013), (1015, 2133), (1020, 2136), (1039, 2148), (1113, 2223), (1172, 2286), (1187, 2304), (1190, 2307), (1330, 2469), (1337, 2478), (1344, 2487), (1372, 2526),

Gene: Wizard007_11 Start: 6886, Stop: 8583, Start Num: 102
Candidate Starts for Wizard007_11:
(Start: 102 @6886 has 400 MA's), (Start: 124 @6910 has 46 MA's), (Start: 251 @7033 has 3 MA's), (350, 7123), (381, 7156), (467, 7255), (512, 7339), (513, 7342), (538, 7381), (581, 7450), (593, 7474), (620, 7540), (675, 7630), (774, 7795), (825, 7882), (848, 7915), (923, 7981), (981, 8053), (983, 8056), (999, 8080), (1064, 8131), (1080, 8146), (1113, 8185), (1129, 8206), (1193, 8302), (1405, 8539), (1435, 8569), (1438, 8572),

Gene: Wizzo_2 Start: 378, Stop: 1889, Start Num: 228
Candidate Starts for Wizzo_2:
(Start: 228 @378 has 40 MA's), (Start: 262 @417 has 67 MA's), (274, 435), (Start: 297 @462 has 6 MA's), (314, 480), (Start: 333 @507 has 4 MA's), (334, 510), (Start: 393 @558 has 3 MA's), (Start: 400 @567 has 2 MA's), (405, 573), (424, 612), (426, 618), (465, 651), (474, 669), (485, 693), (487, 699), (506, 738), (512, 747), (513, 750), (533, 789), (535, 792), (572, 861), (591, 906), (593, 909), (602, 930), (607, 945), (611, 954), (653, 1026), (667, 1044), (669, 1047), (674, 1053), (745, 1134), (763, 1155), (785, 1191), (809, 1227), (855, 1293), (922, 1326), (942, 1335), (954, 1356), (973, 1398), (1054, 1476), (1062, 1485), (1075, 1497), (1112, 1530), (1130, 1551), (1131, 1554), (1134, 1557), (1143, 1569), (1160, 1599), (1170, 1602), (1184, 1620), (1190, 1626), (1206, 1647), (1278, 1704), (1280, 1707), (1290, 1719), (1299, 1731), (1373, 1806), (1403, 1842), (1433, 1875), (1443, 1881),

Gene: Wocket_2 Start: 360, Stop: 1928, Start Num: 173
Candidate Starts for Wocket_2:
(65, 255), (Start: 173 @360 has 36 MA's), (289, 477), (Start: 318 @519 has 1 MA's), (Start: 333 @537 has 4 MA's), (342, 552), (384, 573), (399, 594), (419, 633), (465, 693), (483, 729), (487, 741), (515, 786), (520, 795), (539, 822), (593, 900), (648, 1005), (661, 1020), (675, 1035), (677, 1038), (745, 1113), (778, 1164), (919, 1320), (956, 1359), (1002, 1431), (1015, 1443), (1071, 1488), (1074, 1491), (1078, 1497), (1112, 1527), (1113, 1530), (1146, 1560), (1157, 1584), (1174, 1599), (1278, 1701), (1317, 1743), (1326, 1758), (1346, 1779), (1358, 1794), (1449, 1890), (1459, 1902), (1463, 1911),

Gene: Wogge42_30 Start: 13433, Stop: 14947, Start Num: 181
Candidate Starts for Wogge42_30:
(Start: 181 @13433 has 17 MA's), (Start: 184 @13436 has 14 MA's), (Start: 322 @13616 has 1 MA's), (381, 13709), (424, 13784), (451, 13817), (474, 13844), (487, 13874), (591, 14027), (594, 14033), (607, 14069), (611, 14078), (675, 14159), (679, 14168), (680, 14171), (744, 14210), (788, 14267), (809, 14303), (810, 14306), (957, 14462), (962, 14471), (1025, 14540), (1042, 14549), (1046, 14555), (1080, 14588), (1112, 14624), (1187, 14711), (1203, 14732), (1277, 14795), (1283, 14798), (1286, 14801), (1299, 14819), (1317, 14840), (1353, 14882), (1380, 14915), (1386, 14918), (1415, 14930),

Gene: Wolfpack_3 Start: 1071, Stop: 2531, Start Num: 250
Candidate Starts for Wolfpack_3:
(Start: 250 @1071 has 144 MA's), (Start: 254 @1077 has 2 MA's), (358, 1239), (363, 1248), (399, 1308), (444, 1377), (465, 1398), (488, 1449), (619, 1653), (637, 1677), (755, 1788), (806, 1866), (817, 1881), (842, 1917), (880, 1959), (911, 1992), (926, 2010), (1015, 2130), (1020, 2133), (1039, 2145), (1113, 2220), (1172, 2283), (1187, 2301), (1190, 2304), (1330, 2466), (1337, 2475), (1372, 2523),

Gene: Wolfwood_6 Start: 1988, Stop: 3688, Start Num: 170

Candidate Starts for Wolfwood_6:
(Start: 170 @1988 has 103 MA's), (214, 2018), (Start: 249 @2060 has 1 MA's), (362, 2198), (408, 2246), (425, 2276), (467, 2309), (490, 2360), (496, 2375), (513, 2405), (543, 2456), (595, 2555), (603, 2576), (645, 2645), (675, 2687), (692, 2717), (780, 2864), (808, 2915), (848, 2978), (866, 3002), (953, 3068), (969, 3101), (979, 3125), (981, 3128), (987, 3137), (1001, 3158), (1025, 3185), (1080, 3230), (1088, 3242), (1098, 3248), (1113, 3269), (1142, 3308), (1214, 3407), (1247, 3443), (1330, 3530), (1394, 3611), (1400, 3617), (1454, 3674), (1456, 3677),

Gene: Wolpertinger_11 Start: 8027, Stop: 9790, Start Num: 103
Candidate Starts for Wolpertinger_11:
(Start: 103 @8027 has 236 MA's), (Start: 121 @8048 has 5 MA's), (Start: 217 @8135 has 1 MA's), (298, 8264), (314, 8288), (362, 8351), (487, 8495), (512, 8546), (513, 8549), (581, 8660), (593, 8684), (594, 8687), (620, 8750), (623, 8759), (631, 8774), (704, 8891), (722, 8906), (751, 8966), (803, 9050), (992, 9278), (999, 9290), (1064, 9338), (1080, 9353), (1113, 9392), (1129, 9413), (1155, 9452), (1182, 9497), (1193, 9509), (1405, 9746), (1433, 9773),

Gene: WonderBoy_2 Start: 426, Stop: 1991, Start Num: 165
Candidate Starts for WonderBoy_2:
(Start: 165 @426 has 76 MA's), (270, 549), (Start: 333 @636 has 4 MA's), (334, 639), (Start: 397 @690 has 4 MA's), (419, 732), (426, 747), (431, 756), (463, 780), (557, 942), (620, 1077), (630, 1098), (650, 1137), (770, 1236), (790, 1266), (803, 1281), (818, 1314), (852, 1362), (861, 1371), (941, 1449), (961, 1485), (983, 1524), (1009, 1557), (1020, 1566), (1046, 1593), (1105, 1647), (1133, 1689), (1197, 1734), (1212, 1755), (1232, 1779), (1328, 1857),

Gene: Wooldri_15 Start: 6868, Stop: 8568, Start Num: 105
Candidate Starts for Wooldri_15:
(Start: 105 @6868 has 85 MA's), (Start: 145 @6916 has 1 MA's), (302, 7051), (467, 7243), (513, 7330), (620, 7528), (675, 7618), (718, 7681), (809, 7843), (983, 8041), (999, 8065), (1001, 8068), (1080, 8131), (1100, 8152), (1129, 8191), (1193, 8287), (1241, 8341), (1279, 8377), (1405, 8524), (1435, 8554), (1438, 8557),

Gene: WorldCup_10 Start: 6185, Stop: 7972, Start Num: 103
Candidate Starts for WorldCup_10:
(Start: 103 @6185 has 236 MA's), (241, 6314), (298, 6413), (424, 6575), (448, 6608), (487, 6647), (513, 6701), (538, 6740), (581, 6812), (620, 6902), (631, 6926), (704, 7043), (722, 7058), (778, 7166), (823, 7241), (901, 7340), (928, 7373), (992, 7457), (1006, 7478), (1064, 7520), (1080, 7535), (1088, 7547), (1113, 7574), (1129, 7595), (1163, 7649), (1193, 7691), (1279, 7781), (1295, 7799), (1340, 7850), (1405, 7928), (1433, 7955), (1435, 7958),

Gene: Wrigley_2 Start: 485, Stop: 2281, Start Num: 87
Candidate Starts for Wrigley_2:
(Start: 87 @485 has 22 MA's), (Start: 198 @611 has 4 MA's), (Start: 207 @620 has 6 MA's), (354, 779), (362, 794), (430, 878), (477, 920), (484, 926), (485, 929), (502, 968), (513, 989), (573, 1073), (595, 1127), (602, 1145), (623, 1181), (661, 1256), (696, 1307), (711, 1328), (756, 1409), (807, 1454), (825, 1487), (866, 1544), (956, 1613), (992, 1667), (1001, 1682), (1006, 1688), (1015, 1697), (1062, 1736), (1080, 1754), (1088, 1766), (1165, 1904), (1182, 1940), (1193, 1952), (1197, 1958), (1211, 1976), (1234, 2003), (1249, 2027), (1287, 2090), (1325, 2132), (1370, 2189), (1399, 2219), (1421, 2243), (1445, 2267), (1448, 2270),

Gene: WunderPhul_15 Start: 7514, Stop: 9268, Start Num: 103
Candidate Starts for WunderPhul_15:
(Start: 103 @7514 has 236 MA's), (241, 7646), (298, 7745), (314, 7769), (Start: 330 @7796 has 14 MA's), (362, 7832), (424, 7907), (513, 8030), (523, 8045), (538, 8069), (581, 8138), (593, 8162), (594,

8165), (620, 8228), (631, 8252), (718, 8381), (722, 8384), (780, 8495), (914, 8657), (983, 8744), (992, 8756), (999, 8768), (1064, 8816), (1080, 8831), (1113, 8870), (1129, 8891), (1182, 8975), (1193, 8987), (1405, 9224), (1433, 9251), (1435, 9254),

Gene: Wyatt2_4 Start: 1052, Stop: 2635, Start Num: 138
Candidate Starts for Wyatt2_4:
(Start: 138 @1052 has 120 MA's), (Start: 142 @1058 has 6 MA's), (293, 1229), (361, 1316), (396, 1334), (402, 1340), (419, 1376), (513, 1514), (515, 1517), (566, 1592), (591, 1646), (593, 1649), (594, 1652), (710, 1820), (762, 1874), (766, 1883), (776, 1898), (791, 1919), (813, 1958), (827, 1979), (832, 1985), (855, 2012), (900, 2054), (942, 2078), (954, 2096), (959, 2105), (962, 2111), (977, 2144), (1009, 2177), (1050, 2216), (1057, 2222), (1060, 2225), (1116, 2270), (1172, 2336), (1213, 2387), (1226, 2402), (1234, 2411), (1263, 2426), (1266, 2429), (1373, 2531), (1394, 2558), (1448, 2609), (1450, 2612),

Gene: XFactor_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for XFactor_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: Xandras_10 Start: 2509, Stop: 4179, Start Num: 394
Candidate Starts for Xandras_10:
(Start: 394 @2509 has 48 MA's), (427, 2572), (551, 2806), (598, 2908), (693, 3088), (710, 3112), (724, 3130), (732, 3142), (768, 3205), (776, 3217), (808, 3262), (815, 3277), (873, 3355), (911, 3400), (934, 3454), (935, 3460), (1000, 3574), (1037, 3622), (1104, 3718), (1116, 3739), (1124, 3754), (1218, 3907), (1232, 3919), (1279, 3976), (1307, 4012), (1346, 4063), (1372, 4099), (1374, 4102), (1438, 4168),

Gene: Xavia_2 Start: 404, Stop: 2080, Start Num: 138
Candidate Starts for Xavia_2:
(39, 233), (57, 287), (74, 317), (Start: 138 @404 has 120 MA's), (Start: 235 @515 has 7 MA's), (Start: 318 @620 has 1 MA's), (349, 659), (380, 716), (384, 722), (396, 740), (415, 776), (421, 785), (426, 797), (431, 806), (444, 812), (483, 869), (490, 890), (495, 902), (558, 992), (659, 1181), (745, 1277), (778, 1328), (902, 1469), (919, 1481), (1015, 1604), (1107, 1679), (1112, 1688), (1139, 1715), (1172, 1757), (1187, 1775), (1278, 1859), (1290, 1874), (1463, 2063),

Gene: Xena_11 Start: 6881, Stop: 8578, Start Num: 102
Candidate Starts for Xena_11:
(Start: 102 @6881 has 400 MA's), (Start: 124 @6905 has 46 MA's), (381, 7151), (469, 7256), (512, 7334), (513, 7337), (538, 7376), (581, 7445), (593, 7469), (620, 7535), (675, 7625), (774, 7790), (803, 7835), (825, 7877), (848, 7910), (923, 7976), (981, 8048), (983, 8051), (999, 8075), (1080, 8141), (1113, 8180), (1129, 8201), (1193, 8297), (1402, 8531), (1405, 8534), (1435, 8564), (1438, 8567),

Gene: Xeno_2 Start: 501, Stop: 2036, Start Num: 227
Candidate Starts for Xeno_2:
(Start: 227 @501 has 25 MA's), (Start: 230 @504 has 31 MA's), (246, 516), (Start: 249 @519 has 1 MA's), (292, 576), (Start: 307 @594 has 198 MA's), (316, 606), (390, 678), (Start: 403 @696 has 1

MA's), (412, 714), (422, 735), (474, 798), (490, 837), (507, 870), (539, 918), (583, 1002), (593, 1017), (613, 1068), (618, 1077), (637, 1101), (659, 1140), (661, 1143), (677, 1155), (747, 1281), (766, 1305), (808, 1368), (878, 1452), (950, 1524), (962, 1548), (981, 1590), (987, 1599), (1043, 1656), (1080, 1695), (1136, 1752), (1146, 1758), (1152, 1761), (1187, 1782), (1226, 1830), (1278, 1866), (1349, 1947), (1353, 1953),

Gene: Xenomorph_7 Start: 3847, Stop: 5601, Start Num: 307
Candidate Starts for Xenomorph_7:
(279, 3793), (Start: 303 @3841 has 2 MA's), (Start: 307 @3847 has 198 MA's), (363, 3940), (367, 3946), (502, 4213), (516, 4243), (532, 4273), (556, 4321), (570, 4339), (572, 4342), (589, 4384), (644, 4513), (750, 4699), (805, 4798), (847, 4870), (892, 4927), (950, 5005), (956, 5017), (1053, 5131), (1071, 5149), (1109, 5194), (1120, 5218), (1123, 5221), (1150, 5260), (1249, 5401), (1288, 5446), (1290, 5449), (1299, 5461), (1336, 5509), (1363, 5542), (1370, 5551), (1372, 5554),

Gene: Xerxes_2 Start: 501, Stop: 2036, Start Num: 227
Candidate Starts for Xerxes_2:
(Start: 227 @501 has 25 MA's), (Start: 230 @504 has 31 MA's), (246, 516), (Start: 249 @519 has 1 MA's), (292, 576), (Start: 307 @594 has 198 MA's), (316, 606), (390, 678), (Start: 403 @696 has 1 MA's), (412, 714), (422, 735), (474, 798), (490, 837), (507, 870), (539, 918), (583, 1002), (593, 1017), (613, 1068), (618, 1077), (637, 1101), (659, 1140), (661, 1143), (677, 1155), (747, 1281), (766, 1305), (808, 1368), (878, 1452), (950, 1524), (962, 1548), (981, 1590), (987, 1599), (1043, 1656), (1080, 1695), (1136, 1752), (1146, 1758), (1152, 1761), (1187, 1782), (1226, 1830), (1278, 1866), (1349, 1947), (1353, 1953),

Gene: XianYue_12 Start: 7369, Stop: 9150, Start Num: 103
Candidate Starts for XianYue_12:
(41, 7249), (82, 7342), (Start: 103 @7369 has 236 MA's), (241, 7501), (Start: 251 @7513 has 3 MA's), (288, 7582), (298, 7600), (512, 7882), (513, 7885), (538, 7924), (581, 7993), (620, 8083), (631, 8107), (693, 8206), (718, 8236), (722, 8239), (983, 8626), (1088, 8725), (1113, 8752), (1129, 8773), (1182, 8857), (1193, 8869), (1405, 9106), (1433, 9133), (1435, 9136), (1438, 9139), (1440, 9142),

Gene: Ximenita_8 Start: 1691, Stop: 3118, Start Num: 247
Candidate Starts for Ximenita_8:
(Start: 247 @1691 has 171 MA's), (Start: 322 @1781 has 1 MA's), (Start: 336 @1805 has 12 MA's), (342, 1811), (391, 1889), (402, 1898), (425, 1946), (444, 1964), (487, 2033), (505, 2072), (532, 2108), (533, 2111), (591, 2186), (607, 2228), (611, 2237), (675, 2318), (742, 2366), (792, 2432), (816, 2474), (820, 2480), (827, 2492), (834, 2498), (851, 2522), (870, 2546), (875, 2552), (962, 2642), (993, 2684), (1107, 2777), (1111, 2783), (1112, 2786), (1146, 2819), (1160, 2849), (1187, 2873), (1235, 2921), (1353, 3050), (1425, 3107), (1431, 3113),

Gene: Ximeno_2 Start: 361, Stop: 1926, Start Num: 136
Candidate Starts for Ximeno_2:
(Start: 136 @361 has 1 MA's), (Start: 179 @412 has 1 MA's), (Start: 191 @424 has 4 MA's), (213, 448), (239, 472), (Start: 318 @583 has 1 MA's), (Start: 336 @610 has 12 MA's), (405, 673), (419, 703), (424, 712), (434, 730), (513, 841), (540, 874), (586, 955), (607, 1003), (657, 1084), (776, 1219), (794, 1246), (827, 1297), (860, 1330), (1021, 1513), (1121, 1606), (1154, 1645), (1156, 1651), (1174, 1660), (1206, 1699), (1299, 1783), (1317, 1798), (1364, 1858), (1387, 1888),

Gene: Xula_2 Start: 521, Stop: 2080, Start Num: 152
Candidate Starts for Xula_2:
(Start: 152 @521 has 15 MA's), (Start: 232 @611 has 1 MA's), (Start: 305 @698 has 33 MA's), (345, 755), (381, 818), (463, 935), (468, 944), (499, 1016), (527, 1052), (598, 1160), (606, 1172), (607, 1175), (634, 1214), (643, 1232), (788, 1379), (817, 1421), (891, 1505), (908, 1526), (965, 1589), (1038,

1667), (1041, 1670), (1049, 1682), (1172, 1817), (1174, 1820), (1235, 1883), (1237, 1886), (1277, 1919), (1351, 2000), (1380, 2033),

Gene: Y10_09 Start: 2570, Stop: 3910, Start Num: 336
Candidate Starts for Y10_09:
(Start: 247 @2465 has 171 MA's), (Start: 336 @2570 has 12 MA's), (391, 2654), (402, 2663), (425, 2711), (434, 2726), (463, 2753), (487, 2804), (493, 2822), (517, 2852), (532, 2879), (591, 2957), (607, 2999), (611, 3008), (613, 3011), (675, 3089), (679, 3098), (742, 3137), (792, 3203), (820, 3251), (851, 3293), (962, 3410), (992, 3452), (1042, 3497), (1111, 3566), (1150, 3611), (1160, 3632), (1187, 3656), (1353, 3833), (1425, 3899), (1431, 3905),

Gene: Y2_09 Start: 2570, Stop: 3910, Start Num: 336
Candidate Starts for Y2_09:
(Start: 247 @2465 has 171 MA's), (Start: 336 @2570 has 12 MA's), (391, 2654), (402, 2663), (425, 2711), (434, 2726), (463, 2753), (487, 2804), (493, 2822), (517, 2852), (532, 2879), (591, 2957), (607, 2999), (611, 3008), (613, 3011), (675, 3089), (679, 3098), (742, 3137), (792, 3203), (820, 3251), (851, 3293), (962, 3410), (992, 3452), (1042, 3497), (1111, 3566), (1150, 3611), (1160, 3632), (1187, 3656), (1353, 3833), (1425, 3899), (1431, 3905),

Gene: Yakult_5 Start: 1064, Stop: 2764, Start Num: 167
Candidate Starts for Yakult_5:
(Start: 167 @1064 has 9 MA's), (Start: 232 @1118 has 1 MA's), (Start: 249 @1139 has 1 MA's), (266, 1166), (487, 1430), (490, 1439), (496, 1454), (509, 1475), (513, 1484), (543, 1535), (550, 1547), (595, 1634), (645, 1724), (696, 1802), (735, 1868), (760, 1904), (866, 2081), (987, 2213), (1115, 2342), (1146, 2381), (1149, 2387), (1372, 2657), (1406, 2699), (1454, 2750), (1456, 2753),

Gene: Yami_3 Start: 1068, Stop: 2522, Start Num: 254
Candidate Starts for Yami_3:
(Start: 250 @1062 has 144 MA's), (Start: 254 @1068 has 2 MA's), (358, 1230), (363, 1239), (399, 1299), (444, 1368), (465, 1389), (488, 1440), (619, 1644), (755, 1779), (806, 1857), (817, 1872), (829, 1890), (842, 1908), (880, 1950), (911, 1983), (926, 2001), (1015, 2121), (1020, 2124), (1039, 2136), (1047, 2148), (1060, 2160), (1113, 2211), (1160, 2268), (1172, 2274), (1178, 2283), (1187, 2292), (1190, 2295), (1330, 2457), (1337, 2466), (1344, 2475), (1372, 2514),

Gene: Yang_2 Start: 545, Stop: 2242, Start Num: 124
Candidate Starts for Yang_2:
(13, 242), (Start: 124 @545 has 46 MA's), (Start: 232 @632 has 1 MA's), (486, 917), (513, 974), (538, 1016), (595, 1112), (623, 1166), (693, 1286), (748, 1376), (983, 1661), (1088, 1772), (1146, 1841), (1193, 1916), (1209, 1931), (1292, 2057), (1363, 2141), (1381, 2165),

Gene: YangYin_2 Start: 344, Stop: 1912, Start Num: 161
Candidate Starts for YangYin_2:
(Start: 161 @344 has 29 MA's), (399, 647), (425, 698), (463, 734), (490, 794), (588, 947), (591, 953), (594, 959), (607, 995), (618, 1016), (640, 1046), (675, 1085), (679, 1094), (820, 1247), (880, 1322), (882, 1325), (962, 1403), (977, 1427), (1042, 1472), (1112, 1553), (1146, 1586), (1150, 1595), (1157, 1610), (1160, 1616), (1172, 1622), (1263, 1712), (1277, 1724), (1280, 1727), (1353, 1820), (1425, 1901),

Gene: Yank_4 Start: 800, Stop: 2290, Start Num: 202
Candidate Starts for Yank_4:
(Start: 202 @800 has 39 MA's), (245, 845), (Start: 318 @947 has 1 MA's), (Start: 333 @965 has 4 MA's), (Start: 336 @974 has 12 MA's), (354, 992), (Start: 397 @1025 has 4 MA's), (399, 1028), (405, 1037), (419, 1067), (434, 1094), (506, 1193), (577, 1292), (585, 1316), (586, 1319), (588, 1322), (607,

1367), (789, 1601), (820, 1649), (827, 1661), (864, 1700), (886, 1718), (902, 1730), (904, 1733), (922, 1754), (937, 1760), (946, 1772), (987, 1850), (1047, 1904), (1112, 1958), (1121, 1970), (1206, 2063), (1299, 2147), (1349, 2204), (1406, 2273),

Gene: Yarn_3 Start: 1114, Stop: 2793, Start Num: 170
Candidate Starts for Yarn_3:
(Start: 170 @1114 has 103 MA's), (Start: 232 @1165 has 1 MA's), (Start: 249 @1186 has 1 MA's), (Start: 251 @1189 has 3 MA's), (304, 1231), (354, 1297), (407, 1357), (415, 1378), (424, 1387), (490, 1474), (509, 1510), (513, 1519), (543, 1570), (595, 1669), (603, 1690), (623, 1723), (645, 1759), (735, 1903), (760, 1939), (780, 1978), (874, 2125), (921, 2149), (987, 2248), (1076, 2332), (1146, 2419), (1214, 2515), (1269, 2563), (1282, 2587), (1330, 2638), (1394, 2719), (1454, 2779), (1456, 2782),

Gene: Yasdnil_6 Start: 2376, Stop: 4022, Start Num: 95
Candidate Starts for Yasdnil_6:
(Start: 95 @2376 has 98 MA's), (Start: 113 @2394 has 11 MA's), (Start: 330 @2598 has 14 MA's), (362, 2634), (504, 2814), (515, 2835), (575, 2922), (603, 2994), (620, 3018), (680, 3117), (690, 3132), (704, 3156), (712, 3162), (838, 3330), (903, 3390), (983, 3480), (997, 3501), (1088, 3591), (1165, 3699), (1193, 3738), (1214, 3759), (1219, 3765), (1236, 3783), (1372, 3939), (1445, 4017),

Gene: YasnayaPolyana_9 Start: 2570, Stop: 3910, Start Num: 336
Candidate Starts for YasnayaPolyana_9:
(Start: 247 @2465 has 171 MA's), (Start: 336 @2570 has 12 MA's), (391, 2654), (402, 2663), (425, 2711), (434, 2726), (463, 2753), (487, 2804), (493, 2822), (517, 2852), (532, 2879), (591, 2957), (607, 2999), (611, 3008), (613, 3011), (675, 3089), (679, 3098), (742, 3137), (792, 3203), (820, 3251), (851, 3293), (962, 3410), (992, 3452), (1042, 3497), (1111, 3566), (1150, 3611), (1160, 3632), (1187, 3656), (1353, 3833), (1425, 3899), (1431, 3905),

Gene: Yasuo_3 Start: 1071, Stop: 2531, Start Num: 250
Candidate Starts for Yasuo_3:
(Start: 250 @1071 has 144 MA's), (Start: 254 @1077 has 2 MA's), (358, 1239), (363, 1248), (399, 1308), (444, 1377), (465, 1398), (488, 1449), (619, 1653), (806, 1866), (817, 1881), (842, 1917), (880, 1959), (911, 1992), (926, 2010), (1015, 2130), (1020, 2133), (1039, 2145), (1113, 2220), (1172, 2283), (1187, 2301), (1190, 2304), (1330, 2466), (1337, 2475), (1344, 2484), (1372, 2523),

Gene: Yecey3_12 Start: 6313, Stop: 8085, Start Num: 117
Candidate Starts for Yecey3_12:
(Start: 117 @6313 has 10 MA's), (241, 6430), (298, 6529), (424, 6691), (487, 6763), (513, 6817), (538, 6856), (581, 6928), (620, 7018), (623, 7027), (631, 7042), (704, 7159), (722, 7174), (778, 7282), (823, 7357), (848, 7393), (898, 7453), (928, 7489), (953, 7513), (1006, 7594), (1064, 7633), (1113, 7687), (1129, 7708), (1182, 7792), (1193, 7804), (1281, 7897), (1295, 7912), (1340, 7963), (1405, 8041), (1433, 8068), (1435, 8071),

Gene: Yeet412_2 Start: 318, Stop: 1889, Start Num: 151
Candidate Starts for Yeet412_2:
(Start: 151 @318 has 55 MA's), (Start: 297 @474 has 6 MA's), (Start: 318 @504 has 1 MA's), (342, 537), (421, 621), (425, 630), (465, 666), (491, 726), (566, 816), (568, 819), (607, 912), (620, 936), (648, 978), (689, 1032), (723, 1071), (778, 1137), (789, 1149), (808, 1179), (840, 1212), (919, 1293), (959, 1338), (962, 1344), (971, 1365), (1054, 1455), (1109, 1500), (1112, 1506), (1142, 1536), (1146, 1539), (1187, 1593), (1216, 1629), (1280, 1680), (1331, 1740), (1334, 1743), (1371, 1785), (1461, 1872),

Gene: Yeezy_2 Start: 318, Stop: 1901, Start Num: 151
Candidate Starts for Yeezy_2:

(Start: 151 @318 has 55 MA's), (259, 426), (Start: 318 @504 has 1 MA's), (342, 537), (421, 621), (425, 630), (491, 726), (568, 819), (607, 912), (620, 936), (648, 978), (723, 1071), (778, 1137), (808, 1179), (882, 1257), (904, 1281), (919, 1293), (946, 1314), (959, 1338), (962, 1344), (971, 1365), (1054, 1455), (1057, 1458), (1109, 1500), (1112, 1506), (1146, 1539), (1187, 1593), (1216, 1629), (1280, 1680), (1334, 1743), (1408, 1827), (1443, 1857),

Gene: YertPhresh_3 Start: 1074, Stop: 2534, Start Num: 250
Candidate Starts for YertPhresh_3:
(Start: 250 @1074 has 144 MA's), (Start: 254 @1080 has 2 MA's), (358, 1242), (363, 1251), (399, 1311), (444, 1380), (465, 1401), (488, 1452), (619, 1656), (806, 1869), (817, 1884), (842, 1920), (880, 1962), (911, 1995), (926, 2013), (1015, 2133), (1020, 2136), (1039, 2148), (1113, 2223), (1172, 2286), (1187, 2304), (1190, 2307), (1330, 2469), (1337, 2478), (1344, 2487), (1372, 2526),

Gene: YesChef_2 Start: 533, Stop: 2290, Start Num: 124
Candidate Starts for YesChef_2:
(13, 242), (15, 251), (Start: 124 @533 has 46 MA's), (486, 905), (513, 962), (546, 1010), (595, 1100), (623, 1154), (693, 1274), (748, 1364), (881, 1526), (983, 1700), (1193, 1955), (1209, 1970), (1250, 2024), (1292, 2105), (1363, 2189), (1381, 2213),

Gene: Yinzer_2 Start: 318, Stop: 1889, Start Num: 151
Candidate Starts for Yinzer_2:
(Start: 151 @318 has 55 MA's), (259, 426), (Start: 297 @474 has 6 MA's), (Start: 318 @504 has 1 MA's), (342, 537), (421, 621), (425, 630), (465, 666), (491, 726), (566, 816), (607, 912), (620, 936), (648, 978), (689, 1032), (723, 1071), (778, 1137), (789, 1149), (808, 1179), (840, 1212), (919, 1293), (959, 1338), (962, 1344), (971, 1365), (1054, 1455), (1109, 1500), (1112, 1506), (1142, 1536), (1146, 1539), (1187, 1593), (1216, 1629), (1280, 1680), (1331, 1740), (1334, 1743), (1371, 1785), (1461, 1872),

Gene: Yndexa_26 Start: 11957, Stop: 13684, Start Num: 155
Candidate Starts for Yndexa_26:
(Start: 155 @11957 has 202 MA's), (Start: 317 @12107 has 15 MA's), (351, 12158), (Start: 403 @12233 has 1 MA's), (408, 12242), (464, 12365), (473, 12383), (621, 12665), (635, 12692), (740, 12860), (748, 12872), (824, 12983), (1007, 13166), (1104, 13280), (1113, 13295), (1136, 13328), (1196, 13403), (1320, 13547), (1365, 13589), (1387, 13619), (1432, 13661),

Gene: YoSam321_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for YoSam321_11:
(28, 6707), (34, 6725), (38, 6755), (Start: 102 @6884 has 400 MA's), (Start: 124 @6908 has 46 MA's), (Start: 251 @7031 has 3 MA's), (350, 7121), (381, 7154), (512, 7337), (513, 7340), (538, 7379), (581, 7448), (593, 7472), (620, 7538), (675, 7628), (774, 7793), (825, 7880), (848, 7913), (923, 7979), (981, 8051), (983, 8054), (999, 8078), (1064, 8129), (1080, 8144), (1113, 8183), (1129, 8204), (1193, 8300), (1405, 8537), (1435, 8567), (1438, 8570),

Gene: Yogi_8 Start: 3156, Stop: 4838, Start Num: 107
Candidate Starts for Yogi_8:
(Start: 107 @3156 has 35 MA's), (Start: 309 @3342 has 15 MA's), (362, 3414), (381, 3426), (402, 3450), (408, 3462), (523, 3630), (567, 3690), (593, 3747), (594, 3750), (620, 3798), (770, 4053), (780, 4071), (812, 4125), (956, 4269), (983, 4311), (1006, 4344), (1088, 4413), (1193, 4557), (1236, 4602), (1292, 4662), (1372, 4761), (1405, 4794), (1433, 4821), (1435, 4824), (1438, 4827),

Gene: Yokurt_15 Start: 7514, Stop: 9268, Start Num: 103
Candidate Starts for Yokurt_15:

(Start: 103 @7514 has 236 MA's), (241, 7646), (298, 7745), (314, 7769), (Start: 330 @7796 has 14 MA's), (362, 7832), (424, 7907), (513, 8030), (523, 8045), (538, 8069), (581, 8138), (593, 8162), (594, 8165), (620, 8228), (631, 8252), (718, 8381), (722, 8384), (780, 8495), (914, 8657), (983, 8744), (992, 8756), (999, 8768), (1064, 8816), (1080, 8831), (1113, 8870), (1129, 8891), (1182, 8975), (1193, 8987), (1405, 9224), (1433, 9251), (1435, 9254),

Gene: Yoncess_8 Start: 3156, Stop: 4838, Start Num: 107
Candidate Starts for Yoncess_8:
(Start: 107 @3156 has 35 MA's), (Start: 309 @3342 has 15 MA's), (362, 3414), (381, 3426), (402, 3450), (408, 3462), (523, 3630), (567, 3690), (593, 3747), (594, 3750), (620, 3798), (770, 4053), (780, 4071), (812, 4125), (956, 4269), (983, 4311), (1006, 4344), (1088, 4413), (1193, 4557), (1236, 4602), (1292, 4662), (1372, 4761), (1405, 4794), (1433, 4821), (1435, 4824), (1438, 4827),

Gene: Yonex_6 Start: 2058, Stop: 3779, Start Num: 190
Candidate Starts for Yonex_6:
(Start: 155 @2022 has 202 MA's), (Start: 190 @2058 has 1 MA's), (Start: 209 @2079 has 22 MA's), (Start: 295 @2202 has 6 MA's), (Start: 309 @2223 has 15 MA's), (339, 2271), (399, 2316), (402, 2319), (422, 2361), (431, 2379), (434, 2382), (474, 2424), (518, 2505), (520, 2508), (569, 2562), (620, 2676), (650, 2736), (665, 2757), (803, 2988), (852, 3054), (865, 3069), (973, 3240), (1020, 3297), (1061, 3339), (1100, 3372), (1126, 3411), (1177, 3453), (1290, 3552), (1305, 3570), (1307, 3573), (1313, 3579), (1364, 3642), (1400, 3687), (1464, 3768),

Gene: Yorick_2 Start: 571, Stop: 2208, Start Num: 155
Candidate Starts for Yorick_2:
(Start: 155 @571 has 202 MA's), (163, 580), (Start: 176 @595 has 3 MA's), (Start: 204 @616 has 1 MA's), (Start: 217 @628 has 1 MA's), (Start: 247 @652 has 171 MA's), (Start: 250 @655 has 144 MA's), (261, 673), (Start: 318 @718 has 1 MA's), (353, 757), (412, 844), (414, 850), (454, 904), (484, 928), (487, 937), (488, 940), (496, 961), (508, 982), (516, 997), (548, 1054), (575, 1093), (602, 1162), (604, 1168), (621, 1198), (622, 1201), (627, 1210), (635, 1225), (647, 1243), (680, 1294), (736, 1387), (740, 1396), (862, 1567), (874, 1579), (983, 1663), (1005, 1693), (1007, 1696), (1010, 1699), (1080, 1756), (1097, 1771), (1101, 1777), (1104, 1780), (1113, 1795), (1117, 1804), (1149, 1843), (1164, 1873), (1190, 1903), (1196, 1912), (1225, 1945), (1250, 1978), (1265, 2005), (1297, 2038), (1325, 2068), (1349, 2089), (1365, 2113), (1372, 2122), (1374, 2125), (1429, 2182),

Gene: YoshiYama_7 Start: 3940, Stop: 5601, Start Num: 363
Candidate Starts for YoshiYama_7:
(279, 3793), (Start: 303 @3841 has 2 MA's), (Start: 307 @3847 has 198 MA's), (363, 3940), (367, 3946), (469, 4138), (502, 4213), (516, 4243), (532, 4273), (556, 4321), (570, 4339), (572, 4342), (589, 4384), (644, 4513), (750, 4699), (805, 4798), (847, 4870), (892, 4927), (950, 5005), (956, 5017), (1053, 5131), (1071, 5149), (1109, 5194), (1120, 5218), (1123, 5221), (1150, 5260), (1249, 5401), (1288, 5446), (1290, 5449), (1299, 5461), (1336, 5509), (1363, 5542), (1370, 5551), (1372, 5554),

Gene: Yosif_7 Start: 2837, Stop: 4483, Start Num: 95
Candidate Starts for Yosif_7:
(Start: 87 @2822 has 22 MA's), (Start: 89 @2828 has 1 MA's), (Start: 95 @2837 has 98 MA's), (Start: 98 @2840 has 2 MA's), (Start: 113 @2855 has 11 MA's), (Start: 330 @3059 has 14 MA's), (362, 3095), (407, 3140), (408, 3143), (490, 3248), (504, 3275), (508, 3281), (509, 3284), (515, 3296), (575, 3383), (594, 3431), (620, 3479), (680, 3578), (751, 3692), (803, 3731), (812, 3752), (838, 3791), (983, 3941), (997, 3962), (1006, 3974), (1064, 4025), (1113, 4079), (1165, 4160), (1193, 4199), (1219, 4226), (1236, 4244), (1372, 4400), (1445, 4478),

Gene: Yotsuba_12 Start: 8660, Stop: 10423, Start Num: 305
Candidate Starts for Yotsuba_12:

(Start: 303 @8657 has 2 MA's), (Start: 305 @8660 has 33 MA's), (Start: 307 @8663 has 198 MA's), (Start: 318 @8684 has 1 MA's), (342, 8717), (354, 8738), (363, 8756), (367, 8762), (396, 8813), (401, 8819), (496, 9017), (505, 9035), (516, 9059), (533, 9092), (556, 9137), (572, 9158), (644, 9329), (666, 9365), (727, 9461), (728, 9467), (750, 9515), (805, 9614), (823, 9650), (841, 9677), (847, 9686), (892, 9743), (950, 9827), (956, 9839), (1053, 9953), (1120, 10040), (1123, 10043), (1223, 10181), (1273, 10247), (1274, 10250), (1290, 10271), (1299, 10283), (1363, 10364), (1372, 10376),

Gene: YoureAdopted_7 Start: 1563, Stop: 2984, Start Num: 247
Candidate Starts for YoureAdopted_7:
(Start: 165 @1491 has 76 MA's), (Start: 230 @1551 has 31 MA's), (Start: 247 @1563 has 171 MA's), (Start: 336 @1674 has 12 MA's), (342, 1680), (391, 1758), (402, 1767), (425, 1815), (444, 1833), (487, 1902), (514, 1944), (517, 1950), (532, 1977), (533, 1980), (607, 2097), (611, 2106), (675, 2187), (792, 2301), (820, 2349), (827, 2361), (851, 2391), (870, 2415), (880, 2427), (893, 2442), (959, 2505), (962, 2511), (1112, 2655), (1146, 2688), (1187, 2742), (1353, 2919), (1425, 2973),

Gene: YoyoKar_29 Start: 13078, Stop: 14592, Start Num: 181
Candidate Starts for YoyoKar_29:
(Start: 181 @13078 has 17 MA's), (Start: 184 @13081 has 14 MA's), (Start: 322 @13261 has 1 MA's), (381, 13354), (424, 13429), (451, 13462), (474, 13489), (487, 13519), (591, 13672), (594, 13678), (607, 13714), (611, 13723), (675, 13804), (679, 13813), (680, 13816), (744, 13855), (788, 13912), (809, 13948), (810, 13951), (957, 14107), (962, 14116), (1025, 14185), (1042, 14194), (1046, 14200), (1080, 14233), (1112, 14269), (1187, 14356), (1203, 14377), (1277, 14440), (1283, 14443), (1286, 14446), (1299, 14464), (1317, 14485), (1353, 14527), (1380, 14560), (1386, 14563), (1415, 14575),

Gene: Yubaba_3 Start: 1074, Stop: 2534, Start Num: 250
Candidate Starts for Yubaba_3:
(Start: 250 @1074 has 144 MA's), (Start: 254 @1080 has 2 MA's), (358, 1242), (363, 1251), (399, 1311), (444, 1380), (465, 1401), (488, 1452), (619, 1656), (806, 1869), (817, 1884), (842, 1920), (880, 1962), (911, 1995), (926, 2013), (1015, 2133), (1020, 2136), (1039, 2148), (1113, 2223), (1172, 2286), (1187, 2304), (1190, 2307), (1330, 2469), (1337, 2478), (1344, 2487), (1372, 2526),

Gene: Yucky_4 Start: 1762, Stop: 3438, Start Num: 170
Candidate Starts for Yucky_4:
(Start: 170 @1762 has 103 MA's), (Start: 232 @1813 has 1 MA's), (Start: 249 @1834 has 1 MA's), (304, 1879), (Start: 330 @1921 has 14 MA's), (362, 1957), (415, 2023), (477, 2086), (490, 2119), (509, 2155), (513, 2164), (515, 2167), (543, 2215), (550, 2227), (595, 2314), (701, 2494), (735, 2548), (807, 2671), (842, 2728), (866, 2761), (954, 2827), (987, 2893), (992, 2899), (1080, 2983), (1146, 3064), (1163, 3097), (1219, 3166), (1292, 3244), (1374, 3343), (1394, 3364), (1400, 3370), (1454, 3424), (1456, 3427),

Gene: Yummy_5 Start: 1017, Stop: 2696, Start Num: 170
Candidate Starts for Yummy_5:
(Start: 170 @1017 has 103 MA's), (Start: 232 @1068 has 1 MA's), (Start: 249 @1089 has 1 MA's), (300, 1128), (362, 1215), (407, 1260), (415, 1281), (424, 1290), (485, 1362), (509, 1413), (513, 1422), (543, 1473), (595, 1572), (603, 1593), (623, 1626), (645, 1662), (735, 1806), (760, 1842), (780, 1881), (798, 1914), (825, 1962), (866, 2019), (921, 2052), (954, 2085), (987, 2151), (992, 2157), (1062, 2223), (1076, 2235), (1080, 2241), (1146, 2322), (1214, 2418), (1269, 2466), (1330, 2541), (1394, 2622), (1454, 2682), (1456, 2685),

Gene: Yuna_8 Start: 1651, Stop: 3090, Start Num: 230
Candidate Starts for Yuna_8:
(156, 1579), (Start: 165 @1591 has 76 MA's), (Start: 230 @1651 has 31 MA's), (Start: 247 @1663 has 171 MA's), (Start: 322 @1753 has 1 MA's), (Start: 336 @1777 has 12 MA's), (342, 1783), (391, 1861),

(402, 1870), (405, 1876), (425, 1918), (430, 1927), (444, 1936), (463, 1954), (487, 2005), (505, 2044), (517, 2053), (532, 2080), (607, 2200), (611, 2209), (675, 2290), (792, 2404), (816, 2446), (820, 2452), (827, 2464), (851, 2494), (875, 2524), (893, 2545), (959, 2608), (962, 2614), (993, 2656), (1107, 2749), (1112, 2758), (1150, 2800), (1172, 2827), (1187, 2845), (1216, 2878), (1364, 3034), (1425, 3079), (1431, 3085),

Gene: YungJamal_33 Start: 13409, Stop: 14920, Start Num: 184
Candidate Starts for YungJamal_33:
(Start: 181 @13406 has 17 MA's), (Start: 184 @13409 has 14 MA's), (Start: 322 @13589 has 1 MA's), (381, 13682), (424, 13757), (451, 13790), (474, 13817), (487, 13847), (591, 14000), (594, 14006), (607, 14042), (611, 14051), (675, 14132), (679, 14141), (680, 14144), (744, 14183), (788, 14240), (809, 14276), (810, 14279), (957, 14435), (962, 14444), (1025, 14513), (1042, 14522), (1046, 14528), (1080, 14561), (1112, 14597), (1187, 14684), (1203, 14705), (1277, 14768), (1283, 14771), (1286, 14774), (1299, 14792), (1317, 14813), (1353, 14855), (1386, 14891), (1415, 14903),

Gene: Yunkel11_8 Start: 1587, Stop: 3011, Start Num: 247
Candidate Starts for Yunkel11_8:
(Start: 165 @1515 has 76 MA's), (Start: 230 @1575 has 31 MA's), (Start: 247 @1587 has 171 MA's), (Start: 322 @1674 has 1 MA's), (Start: 336 @1698 has 12 MA's), (342, 1704), (363, 1743), (391, 1782), (402, 1791), (405, 1797), (425, 1839), (444, 1857), (463, 1875), (487, 1926), (532, 2001), (533, 2004), (607, 2121), (611, 2130), (680, 2223), (742, 2259), (792, 2325), (820, 2373), (827, 2385), (851, 2415), (870, 2439), (875, 2445), (893, 2466), (962, 2535), (1042, 2607), (1111, 2676), (1112, 2679), (1146, 2712), (1187, 2766), (1208, 2790), (1283, 2853), (1353, 2943), (1425, 3000), (1431, 3006),

Gene: Yvonnetastic_28 Start: 10462, Stop: 12180, Start Num: 148
Candidate Starts for Yvonnetastic_28:
(Start: 148 @10462 has 26 MA's), (182, 10498), (Start: 307 @10594 has 198 MA's), (457, 10807), (467, 10834), (473, 10846), (488, 10870), (551, 10984), (654, 11179), (688, 11227), (746, 11329), (787, 11389), (797, 11404), (1017, 11647), (1074, 11728), (1088, 11749), (1113, 11776), (1163, 11851), (1198, 11893), (1370, 12094), (1401, 12127),

Gene: ZAYM_2 Start: 521, Stop: 2170, Start Num: 137
Candidate Starts for ZAYM_2:
(Start: 137 @521 has 4 MA's), (Start: 170 @551 has 103 MA's), (Start: 318 @722 has 1 MA's), (405, 806), (487, 932), (490, 941), (530, 1007), (558, 1055), (620, 1190), (778, 1391), (808, 1433), (840, 1466), (912, 1547), (939, 1565), (943, 1568), (1055, 1712), (1063, 1721), (1107, 1754), (1111, 1760), (1155, 1814), (1172, 1832), (1187, 1850), (1263, 1922), (1297, 1958), (1349, 2012), (1371, 2039), (1398, 2072), (1451, 2123),

Gene: Zabiza_8 Start: 1587, Stop: 3008, Start Num: 247
Candidate Starts for Zabiza_8:
(Start: 165 @1515 has 76 MA's), (Start: 230 @1575 has 31 MA's), (Start: 247 @1587 has 171 MA's), (Start: 336 @1698 has 12 MA's), (342, 1704), (391, 1782), (402, 1791), (425, 1839), (444, 1857), (487, 1926), (514, 1968), (517, 1974), (532, 2001), (533, 2004), (607, 2121), (611, 2130), (675, 2211), (792, 2325), (820, 2373), (827, 2385), (851, 2415), (870, 2439), (880, 2451), (893, 2466), (959, 2529), (962, 2535), (1112, 2679), (1146, 2712), (1187, 2766), (1353, 2943), (1425, 2997),

Gene: Zaheer_6 Start: 2162, Stop: 3868, Start Num: 209
Candidate Starts for Zaheer_6:
(Start: 155 @2105 has 202 MA's), (Start: 190 @2141 has 1 MA's), (Start: 209 @2162 has 22 MA's), (270, 2237), (Start: 309 @2306 has 15 MA's), (Start: 317 @2321 has 15 MA's), (339, 2354), (399, 2399), (402, 2402), (422, 2444), (431, 2462), (434, 2465), (474, 2507), (518, 2588), (520, 2591), (569, 2645), (620, 2759), (665, 2840), (703, 2906), (708, 2915), (803, 3077), (852, 3143), (865, 3158), (973,

3329), (1020, 3386), (1061, 3428), (1100, 3461), (1126, 3500), (1177, 3542), (1290, 3641), (1305, 3659), (1307, 3662), (1313, 3668), (1364, 3731), (1464, 3857),

Gene: Zahlia_3 Start: 1176, Stop: 2636, Start Num: 250
Candidate Starts for Zahlia_3:
(Start: 250 @1176 has 144 MA's), (Start: 254 @1182 has 2 MA's), (358, 1344), (363, 1353), (399, 1413), (444, 1482), (465, 1503), (488, 1554), (619, 1758), (806, 1971), (817, 1986), (842, 2022), (880, 2064), (911, 2097), (926, 2115), (1015, 2235), (1020, 2238), (1039, 2250), (1113, 2325), (1172, 2388), (1187, 2406), (1190, 2409), (1330, 2571), (1337, 2580), (1344, 2589), (1372, 2628),

Gene: Zainub_8 Start: 2746, Stop: 4392, Start Num: 95
Candidate Starts for Zainub_8:
(Start: 95 @2746 has 98 MA's), (Start: 251 @2896 has 3 MA's), (381, 3016), (402, 3040), (485, 3142), (504, 3184), (508, 3190), (515, 3205), (575, 3292), (603, 3364), (620, 3388), (680, 3487), (701, 3523), (722, 3541), (813, 3664), (838, 3700), (905, 3763), (983, 3850), (997, 3871), (1006, 3883), (1088, 3961), (1113, 3988), (1165, 4069), (1193, 4108), (1214, 4129), (1236, 4153), (1292, 4213), (1372, 4309),

Gene: Zaka_15 Start: 7514, Stop: 9268, Start Num: 103
Candidate Starts for Zaka_15:
(Start: 103 @7514 has 236 MA's), (241, 7646), (298, 7745), (314, 7769), (Start: 330 @7796 has 14 MA's), (362, 7832), (424, 7907), (513, 8030), (523, 8045), (538, 8069), (581, 8138), (593, 8162), (594, 8165), (620, 8228), (631, 8252), (718, 8381), (722, 8384), (780, 8495), (914, 8657), (983, 8744), (992, 8756), (999, 8768), (1064, 8816), (1080, 8831), (1113, 8870), (1129, 8891), (1182, 8975), (1193, 8987), (1405, 9224), (1433, 9251), (1435, 9254),

Gene: Zakai_4 Start: 1057, Stop: 2625, Start Num: 138
Candidate Starts for Zakai_4:
(Start: 138 @1057 has 120 MA's), (Start: 142 @1063 has 6 MA's), (Start: 284 @1219 has 1 MA's), (512, 1516), (515, 1522), (556, 1582), (591, 1654), (594, 1660), (602, 1681), (675, 1780), (762, 1882), (776, 1906), (807, 1951), (809, 1957), (827, 1987), (832, 1993), (855, 2020), (863, 2029), (942, 2086), (946, 2092), (959, 2113), (962, 2119), (1020, 2194), (1023, 2197), (1060, 2233), (1116, 2278), (1172, 2344), (1234, 2419), (1266, 2437), (1278, 2446), (1420, 2593), (1448, 2617), (1450, 2620),

Gene: Zakhe101_31 Start: 13259, Stop: 14770, Start Num: 184
Candidate Starts for Zakhe101_31:
(Start: 181 @13256 has 17 MA's), (Start: 184 @13259 has 14 MA's), (Start: 322 @13439 has 1 MA's), (381, 13532), (424, 13607), (451, 13640), (474, 13667), (487, 13697), (591, 13850), (594, 13856), (607, 13892), (611, 13901), (675, 13982), (679, 13991), (680, 13994), (788, 14090), (809, 14126), (810, 14129), (957, 14285), (962, 14294), (1025, 14363), (1042, 14372), (1046, 14378), (1080, 14411), (1112, 14447), (1187, 14534), (1203, 14555), (1277, 14618), (1283, 14621), (1286, 14624), (1299, 14642), (1317, 14663), (1353, 14705), (1380, 14738), (1386, 14741), (1415, 14753),

Gene: ZamZam_6 Start: 2501, Stop: 4147, Start Num: 95
Candidate Starts for ZamZam_6:
(Start: 89 @2492 has 1 MA's), (Start: 95 @2501 has 98 MA's), (Start: 98 @2504 has 2 MA's), (Start: 113 @2519 has 11 MA's), (Start: 330 @2723 has 14 MA's), (362, 2759), (407, 2804), (408, 2807), (490, 2912), (504, 2939), (509, 2948), (513, 2957), (515, 2960), (594, 3095), (620, 3143), (680, 3242), (722, 3296), (751, 3356), (803, 3395), (838, 3455), (851, 3473), (926, 3536), (983, 3605), (997, 3626), (1064, 3689), (1088, 3716), (1113, 3743), (1129, 3764), (1165, 3824), (1193, 3863), (1219, 3890), (1236, 3908), (1387, 4085),

Gene: Zameen_2 Start: 498, Stop: 2222, Start Num: 305

Candidate Starts for Zameen_2:
(Start: 295 @483 has 6 MA's), (Start: 305 @498 has 33 MA's), (373, 588), (510, 828), (513, 834), (526, 858), (555, 915), (590, 987), (696, 1185), (728, 1227), (732, 1233), (782, 1317), (807, 1344), (885, 1455), (908, 1482), (1013, 1659), (1191, 1932), (1194, 1935), (1197, 1941), (1212, 1962), (1245, 2001), (1281, 2049), (1289, 2058), (1307, 2082), (1332, 2100), (1374, 2157), (1439, 2214),

Gene: Zarafa_11 Start: 6558, Stop: 8255, Start Num: 102
Candidate Starts for Zarafa_11:
(Start: 102 @6558 has 400 MA's), (168, 6630), (381, 6828), (508, 7002), (513, 7014), (538, 7053), (550, 7065), (581, 7122), (593, 7146), (620, 7212), (623, 7221), (675, 7302), (690, 7329), (774, 7467), (812, 7533), (825, 7554), (842, 7578), (848, 7587), (923, 7653), (983, 7728), (999, 7752), (1001, 7755), (1006, 7761), (1015, 7770), (1080, 7818), (1129, 7878), (1193, 7974), (1236, 8019), (1241, 8028), (1374, 8181), (1405, 8211), (1435, 8241), (1438, 8244),

Gene: Zarbodnamra_2 Start: 360, Stop: 1928, Start Num: 173
Candidate Starts for Zarbodnamra_2:
(65, 255), (Start: 173 @360 has 36 MA's), (259, 444), (289, 477), (Start: 318 @519 has 1 MA's), (Start: 333 @537 has 4 MA's), (342, 552), (384, 573), (399, 594), (419, 633), (465, 693), (483, 729), (487, 741), (515, 786), (520, 795), (539, 822), (593, 900), (648, 1005), (661, 1020), (675, 1035), (745, 1113), (778, 1164), (919, 1320), (956, 1359), (973, 1398), (1015, 1443), (1071, 1488), (1074, 1491), (1078, 1497), (1107, 1518), (1112, 1527), (1113, 1530), (1146, 1560), (1157, 1584), (1174, 1599), (1278, 1701), (1317, 1743), (1326, 1758), (1346, 1779), (1358, 1794), (1449, 1890), (1459, 1902), (1463, 1911), (1464, 1917),

Gene: Zareef_6 Start: 1990, Stop: 3690, Start Num: 170
Candidate Starts for Zareef_6:
(Start: 170 @1990 has 103 MA's), (214, 2020), (Start: 249 @2062 has 1 MA's), (362, 2200), (408, 2248), (425, 2278), (467, 2311), (485, 2347), (490, 2362), (496, 2377), (513, 2407), (543, 2458), (595, 2557), (603, 2578), (645, 2647), (675, 2689), (692, 2719), (780, 2866), (808, 2917), (848, 2980), (866, 3004), (953, 3070), (969, 3103), (979, 3127), (981, 3130), (987, 3139), (1001, 3160), (1025, 3187), (1080, 3232), (1088, 3244), (1098, 3250), (1113, 3271), (1142, 3310), (1214, 3409), (1247, 3445), (1330, 3532), (1394, 3613), (1400, 3619), (1454, 3676), (1456, 3679),

Gene: Zaria_4 Start: 1052, Stop: 2635, Start Num: 138
Candidate Starts for Zaria_4:
(Start: 138 @1052 has 120 MA's), (Start: 142 @1058 has 6 MA's), (293, 1229), (361, 1316), (396, 1334), (402, 1340), (419, 1376), (513, 1514), (515, 1517), (566, 1592), (591, 1646), (593, 1649), (594, 1652), (710, 1820), (762, 1874), (766, 1883), (776, 1898), (791, 1919), (813, 1958), (827, 1979), (832, 1985), (855, 2012), (900, 2054), (942, 2078), (954, 2096), (959, 2105), (962, 2111), (977, 2144), (1009, 2177), (1050, 2216), (1057, 2222), (1060, 2225), (1116, 2270), (1172, 2336), (1213, 2387), (1226, 2402), (1234, 2411), (1263, 2426), (1266, 2429), (1373, 2531), (1394, 2558), (1448, 2609), (1450, 2612),

Gene: Zavala_8 Start: 1572, Stop: 2993, Start Num: 247
Candidate Starts for Zavala_8:
(Start: 165 @1500 has 76 MA's), (Start: 230 @1560 has 31 MA's), (Start: 247 @1572 has 171 MA's), (Start: 336 @1683 has 12 MA's), (342, 1689), (391, 1767), (402, 1776), (425, 1824), (444, 1842), (487, 1911), (514, 1953), (517, 1959), (532, 1986), (533, 1989), (607, 2106), (611, 2115), (675, 2196), (792, 2310), (820, 2358), (827, 2370), (851, 2400), (870, 2424), (880, 2436), (959, 2514), (962, 2520), (1112, 2664), (1146, 2697), (1187, 2751), (1353, 2928), (1425, 2982),

Gene: Zebo_30 Start: 13080, Stop: 14591, Start Num: 184
Candidate Starts for Zebo_30:

(Start: 181 @13077 has 17 MA's), (Start: 184 @13080 has 14 MA's), (Start: 322 @13260 has 1 MA's), (381, 13353), (424, 13428), (451, 13461), (474, 13488), (487, 13518), (591, 13671), (594, 13677), (607, 13713), (611, 13722), (675, 13803), (679, 13812), (680, 13815), (744, 13854), (788, 13911), (809, 13947), (810, 13950), (957, 14106), (962, 14115), (1025, 14184), (1042, 14193), (1046, 14199), (1080, 14232), (1112, 14268), (1187, 14355), (1203, 14376), (1277, 14439), (1283, 14442), (1286, 14445), (1299, 14463), (1317, 14484), (1353, 14526), (1386, 14562), (1415, 14574),

Gene: Zeeculate_10 Start: 6722, Stop: 8410, Start Num: 102
Candidate Starts for Zeeculate_10:
(Start: 102 @6722 has 400 MA's), (381, 6986), (402, 7010), (513, 7172), (535, 7205), (581, 7280), (620, 7370), (631, 7394), (647, 7421), (679, 7469), (774, 7625), (809, 7685), (932, 7817), (1001, 7910), (1009, 7919), (1021, 7931), (1080, 7973), (1100, 7994), (1117, 8021), (1193, 8129), (1279, 8219), (1365, 8324),

Gene: Zeina_8 Start: 3523, Stop: 5256, Start Num: 307
Candidate Starts for Zeina_8:
(Start: 307 @3523 has 198 MA's), (367, 3622), (417, 3712), (493, 3859), (516, 3907), (556, 3985), (570, 4003), (572, 4006), (599, 4075), (644, 4177), (656, 4201), (693, 4258), (750, 4363), (805, 4462), (820, 4492), (847, 4534), (892, 4591), (950, 4660), (956, 4672), (1053, 4786), (1071, 4804), (1120, 4873), (1123, 4876), (1249, 5056), (1273, 5080), (1290, 5104), (1299, 5116), (1309, 5128), (1334, 5161), (1370, 5206), (1372, 5209),

Gene: Zemlya_7 Start: 2376, Stop: 4022, Start Num: 95
Candidate Starts for Zemlya_7:
(Start: 95 @2376 has 98 MA's), (Start: 113 @2394 has 11 MA's), (Start: 330 @2598 has 14 MA's), (362, 2634), (504, 2814), (515, 2835), (548, 2880), (575, 2922), (603, 2994), (620, 3018), (680, 3117), (690, 3132), (704, 3156), (712, 3162), (838, 3330), (983, 3480), (997, 3501), (1006, 3513), (1088, 3591), (1165, 3699), (1193, 3738), (1214, 3759), (1219, 3765), (1236, 3783), (1372, 3939),

Gene: ZenTime222_3 Start: 724, Stop: 2607, Start Num: 72
Candidate Starts for ZenTime222_3:
(9, 475), (Start: 72 @724 has 7 MA's), (Start: 137 @805 has 4 MA's), (144, 814), (Start: 232 @910 has 1 MA's), (241, 922), (362, 1054), (488, 1201), (490, 1207), (504, 1234), (513, 1252), (553, 1315), (625, 1450), (738, 1651), (790, 1708), (987, 1927), (1028, 1978), (1054, 2002), (1091, 2053), (1167, 2182), (1185, 2221), (1193, 2230), (1226, 2281), (1251, 2320), (1281, 2407), (1292, 2419), (1370, 2512), (1381, 2527), (1383, 2530),

Gene: Zeph_16 Start: 9469, Stop: 11214, Start Num: 307
Candidate Starts for Zeph_16:
(Start: 307 @9469 has 198 MA's), (310, 9475), (367, 9568), (387, 9604), (417, 9658), (502, 9835), (556, 9943), (570, 9961), (572, 9964), (599, 10033), (637, 10117), (644, 10135), (680, 10192), (728, 10273), (750, 10321), (805, 10420), (808, 10426), (837, 10477), (841, 10483), (872, 10525), (892, 10549), (1053, 10744), (1088, 10786), (1111, 10810), (1120, 10831), (1123, 10834), (1249, 11014), (1288, 11059), (1290, 11062), (1299, 11074), (1370, 11164), (1372, 11167),

Gene: Zephyr_11 Start: 6863, Stop: 8551, Start Num: 102
Candidate Starts for Zephyr_11:
(Start: 102 @6863 has 400 MA's), (Start: 309 @7043 has 15 MA's), (381, 7127), (408, 7163), (424, 7190), (513, 7313), (581, 7421), (620, 7511), (631, 7535), (647, 7562), (679, 7610), (728, 7679), (774, 7766), (809, 7826), (1001, 8051), (1009, 8060), (1021, 8072), (1080, 8114), (1100, 8135), (1117, 8162), (1193, 8270), (1279, 8360), (1365, 8465),

Gene: Zerg_2 Start: 572, Stop: 2209, Start Num: 155

Candidate Starts for Zerg_2:
(Start: 155 @572 has 202 MA's), (163, 581), (Start: 176 @596 has 3 MA's), (Start: 217 @629 has 1 MA's), (Start: 247 @653 has 171 MA's), (Start: 250 @656 has 144 MA's), (Start: 318 @719 has 1 MA's), (353, 758), (412, 845), (454, 905), (484, 929), (487, 938), (488, 941), (496, 962), (508, 983), (516, 998), (548, 1055), (575, 1094), (602, 1163), (604, 1169), (621, 1199), (622, 1202), (627, 1211), (635, 1226), (647, 1244), (680, 1295), (717, 1346), (736, 1388), (740, 1397), (862, 1568), (874, 1580), (983, 1664), (1005, 1694), (1007, 1697), (1010, 1700), (1080, 1757), (1097, 1772), (1101, 1778), (1104, 1781), (1113, 1796), (1117, 1805), (1164, 1874), (1190, 1904), (1196, 1913), (1225, 1946), (1239, 1964), (1250, 1979), (1265, 2006), (1290, 2030), (1297, 2039), (1325, 2069), (1349, 2090), (1365, 2114), (1372, 2123), (1374, 2126), (1429, 2183),

Gene: Zeta1847_2 Start: 478, Stop: 2175, Start Num: 122
Candidate Starts for Zeta1847_2:
(Start: 122 @478 has 14 MA's), (314, 649), (Start: 332 @676 has 1 MA's), (354, 688), (424, 778), (477, 832), (513, 901), (546, 949), (1115, 1726), (1193, 1840), (1381, 2098),

Gene: Zetzy_12 Start: 6522, Stop: 8222, Start Num: 105
Candidate Starts for Zetzy_12:
(Start: 105 @6522 has 85 MA's), (Start: 145 @6570 has 1 MA's), (Start: 232 @6642 has 1 MA's), (302, 6705), (513, 6984), (620, 7182), (675, 7272), (718, 7335), (809, 7497), (983, 7695), (999, 7719), (1001, 7722), (1080, 7785), (1088, 7797), (1100, 7806), (1129, 7845), (1193, 7941), (1241, 7995), (1279, 8031), (1405, 8178), (1435, 8208), (1438, 8211),

Gene: Zeuska_12 Start: 7541, Stop: 9229, Start Num: 102
Candidate Starts for Zeuska_12:
(Start: 102 @7541 has 400 MA's), (Start: 309 @7721 has 15 MA's), (381, 7805), (408, 7841), (424, 7868), (513, 7991), (581, 8099), (620, 8189), (631, 8213), (647, 8240), (679, 8288), (728, 8357), (774, 8444), (809, 8504), (1001, 8729), (1009, 8738), (1021, 8750), (1080, 8792), (1100, 8813), (1117, 8840), (1193, 8948), (1279, 9038), (1365, 9143),

Gene: ZhongYanYuan_3 Start: 901, Stop: 2469, Start Num: 138
Candidate Starts for ZhongYanYuan_3:
(Start: 138 @901 has 120 MA's), (Start: 142 @907 has 6 MA's), (149, 916), (Start: 284 @1063 has 1 MA's), (361, 1165), (444, 1255), (512, 1360), (591, 1498), (594, 1504), (611, 1549), (675, 1624), (710, 1672), (762, 1726), (776, 1750), (791, 1771), (807, 1795), (809, 1801), (827, 1831), (832, 1837), (863, 1873), (942, 1930), (954, 1948), (962, 1963), (1020, 2038), (1023, 2041), (1060, 2077), (1071, 2086), (1116, 2122), (1172, 2188), (1234, 2263), (1266, 2281), (1278, 2290), (1420, 2437), (1448, 2461), (1450, 2464),

Gene: Zhuangyuan_4 Start: 1041, Stop: 2672, Start Num: 171
Candidate Starts for Zhuangyuan_4:
(Start: 171 @1041 has 16 MA's), (314, 1206), (334, 1236), (Start: 397 @1287 has 4 MA's), (405, 1299), (424, 1338), (431, 1353), (444, 1359), (537, 1515), (569, 1536), (594, 1587), (620, 1650), (665, 1731), (677, 1746), (711, 1800), (713, 1803), (803, 1929), (852, 1989), (865, 2004), (921, 2070), (950, 2097), (954, 2106), (1020, 2199), (1048, 2229), (1096, 2268), (1102, 2277), (1117, 2301), (1151, 2346), (1207, 2415), (1239, 2448), (1257, 2457), (1261, 2463), (1283, 2484), (1286, 2487), (1305, 2511), (1364, 2580), (1387, 2610), (1394, 2619), (1449, 2661),

Gene: ZiggyZoo_2 Start: 360, Stop: 1928, Start Num: 173
Candidate Starts for ZiggyZoo_2:
(65, 255), (Start: 173 @360 has 36 MA's), (259, 444), (289, 477), (Start: 318 @519 has 1 MA's), (Start: 333 @537 has 4 MA's), (342, 552), (384, 573), (399, 594), (419, 633), (465, 693), (483, 729), (487, 741), (513, 783), (520, 795), (539, 822), (593, 900), (648, 1005), (661, 1020), (675, 1035), (745, 1113),

(778, 1164), (919, 1320), (956, 1359), (973, 1398), (1002, 1431), (1015, 1443), (1071, 1488), (1074, 1491), (1078, 1497), (1107, 1518), (1112, 1527), (1113, 1530), (1146, 1560), (1174, 1599), (1278, 1701), (1317, 1743), (1326, 1758), (1346, 1779), (1358, 1794), (1449, 1890), (1459, 1902), (1463, 1911),

Gene: Ziko_37 Start: 10715, Stop: 12121, Start Num: 256
Candidate Starts for Ziko_37:
(Start: 207 @10658 has 6 MA's), (Start: 256 @10715 has 6 MA's), (359, 10841), (418, 10901), (422, 10910), (485, 10994), (511, 11048), (591, 11174), (595, 11180), (602, 11198), (637, 11264), (672, 11318), (692, 11351), (745, 11396), (809, 11489), (876, 11567), (953, 11612), (962, 11630), (1009, 11693), (1015, 11699), (1150, 11825), (1188, 11870), (1202, 11888), (1389, 12062),

Gene: Zilizebeth_2 Start: 413, Stop: 2089, Start Num: 138
Candidate Starts for Zilizebeth_2:
(Start: 138 @413 has 120 MA's), (Start: 318 @629 has 1 MA's), (349, 668), (380, 725), (384, 731), (396, 749), (421, 794), (426, 806), (431, 815), (444, 821), (483, 878), (490, 899), (495, 911), (558, 1001), (659, 1190), (745, 1286), (766, 1316), (778, 1337), (919, 1490), (1107, 1688), (1112, 1697), (1139, 1724), (1172, 1766), (1187, 1784), (1278, 1868), (1290, 1883), (1463, 2072),

Gene: Zilla_2 Start: 360, Stop: 1928, Start Num: 173
Candidate Starts for Zilla_2:
(Start: 119 @333 has 2 MA's), (Start: 173 @360 has 36 MA's), (Start: 175 @363 has 2 MA's), (259, 444), (289, 477), (Start: 297 @492 has 6 MA's), (Start: 318 @519 has 1 MA's), (Start: 333 @537 has 4 MA's), (342, 552), (384, 573), (399, 594), (419, 633), (444, 663), (465, 693), (483, 729), (487, 741), (501, 771), (515, 786), (536, 816), (539, 822), (572, 852), (593, 900), (648, 1005), (661, 1020), (675, 1035), (686, 1053), (745, 1113), (767, 1146), (778, 1164), (919, 1320), (956, 1359), (973, 1398), (1002, 1431), (1015, 1443), (1060, 1479), (1071, 1488), (1078, 1497), (1107, 1518), (1112, 1527), (1113, 1530), (1146, 1560), (1172, 1596), (1174, 1599), (1224, 1659), (1278, 1701), (1317, 1743), (1346, 1779), (1358, 1794), (1412, 1857), (1459, 1902), (1463, 1911),

Gene: Zimmer_14 Start: 9025, Stop: 10809, Start Num: 103
Candidate Starts for Zimmer_14:
(84, 8998), (Start: 103 @9025 has 236 MA's), (241, 9157), (281, 9223), (298, 9256), (362, 9343), (487, 9487), (513, 9541), (538, 9580), (581, 9652), (620, 9742), (631, 9766), (693, 9865), (704, 9883), (722, 9898), (803, 10042), (928, 10213), (983, 10285), (1064, 10357), (1080, 10372), (1129, 10432), (1193, 10528), (1279, 10618), (1402, 10762), (1405, 10765), (1433, 10792), (1435, 10795), (1438, 10798),

Gene: Zion_12 Start: 6676, Stop: 8742, Start Num: 5
Candidate Starts for Zion_12:
(Start: 5 @6676 has 5 MA's), (16, 6733), (38, 6871), (48, 6901), (58, 6925), (Start: 138 @7042 has 120 MA's), (Start: 155 @7063 has 202 MA's), (Start: 176 @7087 has 3 MA's), (Start: 235 @7150 has 7 MA's), (Start: 254 @7174 has 2 MA's), (379, 7336), (Start: 389 @7351 has 11 MA's), (402, 7369), (Start: 403 @7372 has 1 MA's), (414, 7396), (424, 7414), (473, 7471), (475, 7474), (496, 7516), (510, 7543), (520, 7561), (535, 7588), (545, 7606), (546, 7609), (581, 7663), (621, 7747), (622, 7750), (633, 7771), (647, 7792), (694, 7864), (717, 7894), (740, 7945), (801, 8026), (817, 8059), (985, 8221), (1088, 8323), (1113, 8350), (1117, 8359), (1203, 8470), (1258, 8533), (1365, 8644), (1372, 8653), (1450, 8734),

Gene: Zippen_8 Start: 3825, Stop: 5564, Start Num: 307
Candidate Starts for Zippen_8:
(Start: 307 @3825 has 198 MA's), (367, 3924), (433, 4044), (485, 4143), (502, 4185), (516, 4215), (556, 4293), (572, 4314), (611, 4416), (644, 4485), (656, 4509), (750, 4671), (791, 4746), (805, 4770), (872, 4875), (892, 4899), (956, 4980), (1053, 5094), (1071, 5112), (1076, 5118), (1120, 5181), (1123,

5184), (1273, 5388), (1290, 5412), (1299, 5424), (1370, 5514), (1372, 5517),

Gene: Zirinka_2 Start: 498, Stop: 2222, Start Num: 305
Candidate Starts for Zirinka_2:
(Start: 295 @483 has 6 MA's), (Start: 305 @498 has 33 MA's), (373, 588), (499, 804), (510, 828), (513, 834), (526, 858), (555, 915), (590, 987), (696, 1185), (728, 1227), (732, 1233), (782, 1317), (807, 1344), (885, 1455), (908, 1482), (1013, 1659), (1191, 1932), (1194, 1935), (1197, 1941), (1212, 1962), (1245, 2001), (1281, 2049), (1289, 2058), (1307, 2082), (1332, 2100), (1374, 2157), (1439, 2214),

Gene: Zixiang_3 Start: 749, Stop: 2329, Start Num: 238
Candidate Starts for Zixiang_3:
(Start: 171 @689 has 16 MA's), (Start: 238 @749 has 22 MA's), (Start: 309 @845 has 15 MA's), (314, 854), (Start: 318 @863 has 1 MA's), (334, 884), (Start: 397 @935 has 4 MA's), (424, 986), (431, 1001), (474, 1046), (598, 1247), (620, 1298), (631, 1322), (650, 1358), (665, 1379), (700, 1439), (720, 1469), (731, 1478), (774, 1541), (952, 1751), (961, 1769), (1003, 1835), (1009, 1841), (1020, 1850), (1048, 1880), (1096, 1919), (1151, 1997), (1189, 2042), (1200, 2054), (1305, 2168), (1364, 2237), (1369, 2243), (1378, 2255), (1385, 2264), (1449, 2318),

Gene: Zizzle_2 Start: 587, Stop: 2224, Start Num: 155
Candidate Starts for Zizzle_2:
(Start: 155 @587 has 202 MA's), (168, 602), (Start: 176 @611 has 3 MA's), (182, 617), (Start: 217 @644 has 1 MA's), (Start: 247 @668 has 171 MA's), (Start: 250 @671 has 144 MA's), (Start: 318 @734 has 1 MA's), (Start: 330 @752 has 14 MA's), (353, 773), (412, 860), (414, 866), (454, 920), (473, 932), (484, 944), (487, 953), (488, 956), (496, 977), (508, 998), (516, 1013), (548, 1070), (575, 1109), (602, 1178), (604, 1184), (621, 1214), (622, 1217), (627, 1226), (635, 1241), (647, 1259), (680, 1310), (740, 1412), (862, 1583), (874, 1595), (920, 1613), (983, 1679), (1005, 1709), (1007, 1712), (1010, 1715), (1080, 1772), (1097, 1787), (1101, 1793), (1104, 1796), (1113, 1811), (1117, 1820), (1164, 1889), (1190, 1919), (1196, 1928), (1225, 1961), (1250, 1994), (1265, 2021), (1297, 2054), (1320, 2081), (1325, 2084), (1349, 2105), (1365, 2129), (1372, 2138), (1374, 2141), (1429, 2198),

Gene: ZoMa_2 Start: 455, Stop: 1891, Start Num: 262
Candidate Starts for ZoMa_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Zodiariah_2 Start: 432, Stop: 1991, Start Num: 201
Candidate Starts for Zodiariah_2:
(61, 276), (81, 309), (Start: 96 @333 has 1 MA's), (Start: 121 @363 has 5 MA's), (Start: 171 @402 has 16 MA's), (Start: 201 @432 has 6 MA's), (263, 498), (314, 558), (Start: 318 @567 has 1 MA's), (349, 606), (487, 777), (488, 780), (501, 807), (515, 822), (565, 876), (594, 939), (611, 984), (675, 1071), (677, 1074), (710, 1116), (723, 1134), (733, 1164), (743, 1182), (745, 1185), (758, 1200), (900, 1374), (919, 1395), (943, 1413), (954, 1431), (959, 1440), (1002, 1503), (1015, 1515), (1057, 1548), (1060, 1551), (1111, 1596), (1112, 1599), (1139, 1626), (1172, 1668), (1187, 1686), (1203, 1707), (1283, 1776), (1286, 1779), (1317, 1812), (1341, 1845), (1366, 1875), (1398, 1914),

Gene: ZoeJ_4 Start: 652, Stop: 2073, Start Num: 247
Candidate Starts for ZoeJ_4:
(156, 574), (Start: 165 @586 has 76 MA's), (Start: 176 @595 has 3 MA's), (Start: 247 @652 has 171 MA's), (310, 712), (Start: 322 @733 has 1 MA's), (Start: 336 @754 has 12 MA's), (391, 838), (402,

847), (425, 895), (463, 931), (487, 982), (505, 1021), (517, 1030), (532, 1057), (607, 1177), (611, 1186), (613, 1189), (675, 1267), (679, 1276), (792, 1381), (820, 1429), (827, 1441), (851, 1471), (870, 1495), (882, 1510), (962, 1588), (992, 1630), (1042, 1660), (1111, 1729), (1129, 1744), (1160, 1795), (1187, 1819), (1235, 1867), (1348, 1990), (1353, 1996), (1425, 2062), (1431, 2068),

Gene: Zolita_8 Start: 6266, Stop: 8017, Start Num: 67
Candidate Starts for Zolita_8:
(Start: 54 @6239 has 19 MA's), (Start: 67 @6266 has 32 MA's), (Start: 115 @6335 has 1 MA's), (147, 6374), (Start: 237 @6449 has 1 MA's), (241, 6455), (362, 6587), (424, 6662), (425, 6665), (487, 6731), (551, 6839), (567, 6863), (620, 6971), (641, 7016), (690, 7094), (693, 7100), (696, 7103), (793, 7265), (798, 7271), (812, 7298), (983, 7493), (999, 7517), (1080, 7580), (1088, 7592), (1113, 7619), (1129, 7640), (1163, 7694), (1182, 7724), (1193, 7736), (1405, 7973), (1438, 8006), (1443, 8012),

Gene: Zombie_2 Start: 359, Stop: 1891, Start Num: 161
Candidate Starts for Zombie_2:
(Start: 161 @359 has 29 MA's), (Start: 262 @455 has 67 MA's), (Start: 273 @458 has 4 MA's), (Start: 299 @494 has 5 MA's), (Start: 322 @533 has 1 MA's), (425, 695), (487, 782), (490, 791), (499, 809), (505, 821), (594, 941), (607, 977), (618, 998), (636, 1019), (675, 1067), (679, 1076), (820, 1229), (865, 1289), (882, 1307), (949, 1358), (962, 1385), (972, 1400), (973, 1403), (1074, 1484), (1109, 1529), (1172, 1604), (1187, 1622), (1205, 1643), (1259, 1688), (1277, 1706), (1280, 1709), (1353, 1802), (1428, 1883),

Gene: Zorro_5 Start: 3082, Stop: 4647, Start Num: 165
Candidate Starts for Zorro_5:
(Start: 165 @3082 has 76 MA's), (Start: 333 @3292 has 4 MA's), (Start: 397 @3346 has 4 MA's), (426, 3403), (431, 3412), (584, 3652), (593, 3667), (595, 3673), (620, 3733), (650, 3793), (770, 3892), (790, 3922), (803, 3937), (852, 4018), (936, 4096), (941, 4105), (961, 4141), (983, 4180), (1009, 4213), (1020, 4222), (1046, 4249), (1105, 4303), (1133, 4345), (1197, 4390), (1212, 4411), (1232, 4435), (1328, 4513), (1451, 4633),

Gene: Zulu_15 Start: 7513, Stop: 9267, Start Num: 103
Candidate Starts for Zulu_15:
(Start: 103 @7513 has 236 MA's), (241, 7645), (298, 7744), (314, 7768), (Start: 330 @7795 has 14 MA's), (362, 7831), (424, 7906), (513, 8029), (523, 8044), (538, 8068), (581, 8137), (593, 8161), (594, 8164), (620, 8227), (631, 8251), (718, 8380), (722, 8383), (780, 8494), (914, 8656), (983, 8743), (992, 8755), (999, 8767), (1064, 8815), (1080, 8830), (1113, 8869), (1129, 8890), (1182, 8974), (1193, 8986), (1405, 9223), (1433, 9250), (1435, 9253),

Gene: phiBT1_33 Start: 597, Stop: 2180, Start Num: 386
Candidate Starts for phiBT1_33:
(382, 591), (386, 597), (436, 687), (525, 840), (526, 843), (530, 849), (551, 891), (589, 972), (590, 975), (598, 996), (599, 999), (609, 1026), (623, 1047), (641, 1077), (643, 1080), (671, 1125), (728, 1209), (848, 1374), (934, 1506), (1008, 1620), (1035, 1647), (1037, 1653), (1070, 1698), (1075, 1704), (1104, 1752), (1164, 1857), (1165, 1860), (1219, 1929), (1241, 1956), (1305, 2034), (1307, 2037), (1325, 2058), (1332, 2061),

Gene: phiCAM_06 Start: 2516, Stop: 4162, Start Num: 95
Candidate Starts for phiCAM_06:
(Start: 89 @2507 has 1 MA's), (Start: 95 @2516 has 98 MA's), (Start: 98 @2519 has 2 MA's), (Start: 113 @2534 has 11 MA's), (Start: 165 @2588 has 76 MA's), (Start: 207 @2612 has 6 MA's), (Start: 330 @2738 has 14 MA's), (354, 2759), (362, 2774), (485, 2912), (490, 2927), (504, 2954), (509, 2963), (515, 2975), (575, 3062), (581, 3083), (594, 3110), (620, 3158), (680, 3257), (803, 3410), (812, 3431), (838, 3470), (983, 3620), (987, 3626), (997, 3641), (1006, 3653), (1064, 3704), (1113, 3758), (1193,

3878), (1219, 3905), (1236, 3923), (1372, 4079),

Gene: phiSASD1_22 Start: 558, Stop: 2168, Start Num: 201
Candidate Starts for phiSASD1_22:
(Start: 201 @558 has 6 MA's), (Start: 223 @582 has 1 MA's), (304, 651), (Start: 324 @684 has 1 MA's), (355, 735), (364, 753), (378, 759), (473, 924), (496, 981), (502, 990), (513, 1011), (534, 1041), (550, 1059), (554, 1068), (615, 1182), (625, 1203), (636, 1224), (647, 1239), (730, 1365), (854, 1521), (946, 1590), (993, 1662), (1088, 1770), (1113, 1797), (1165, 1839), (1189, 1875), (1217, 1902), (1221, 1908), (1304, 2013), (1365, 2082), (1368, 2085), (1372, 2091), (1435, 2157),