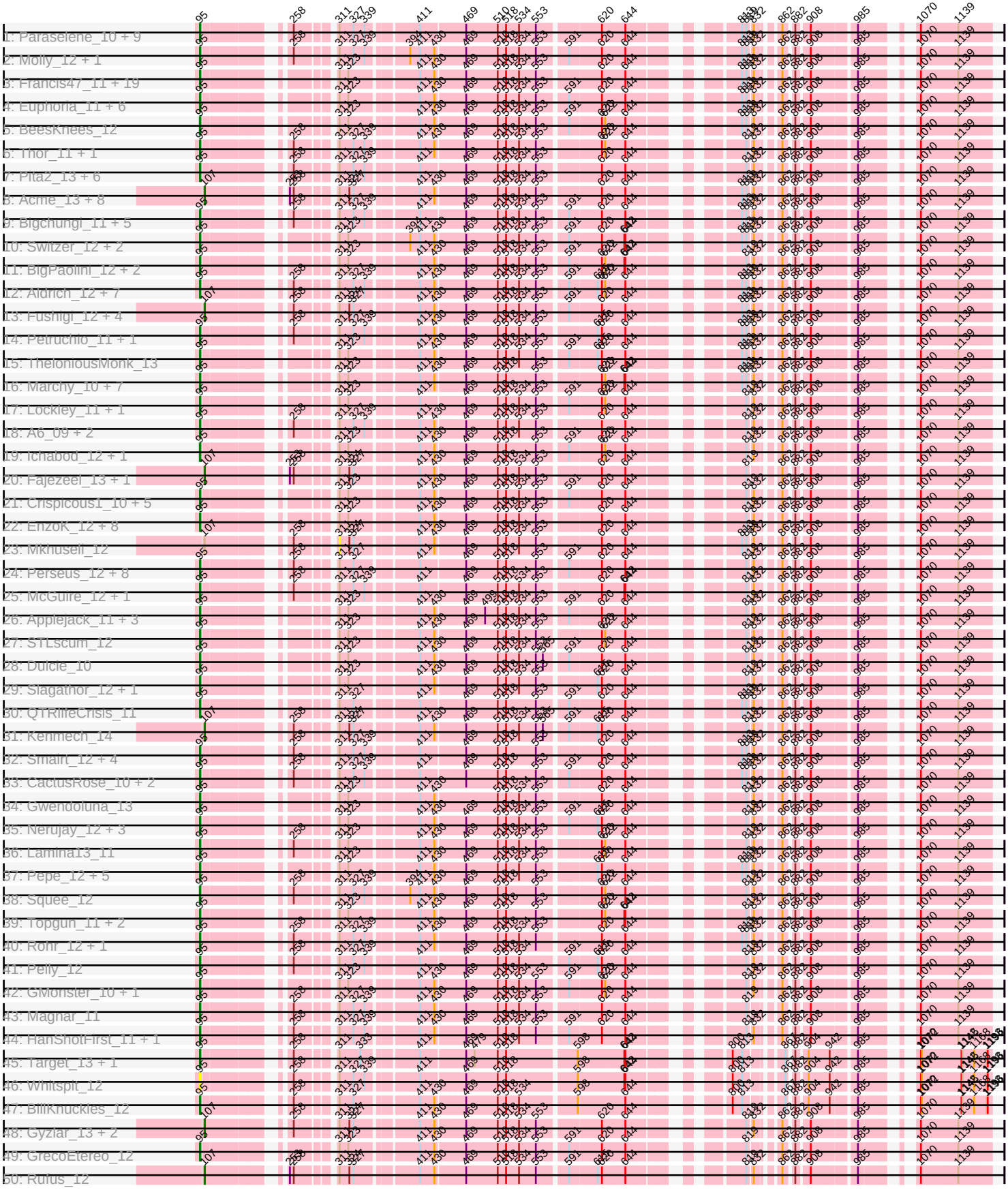
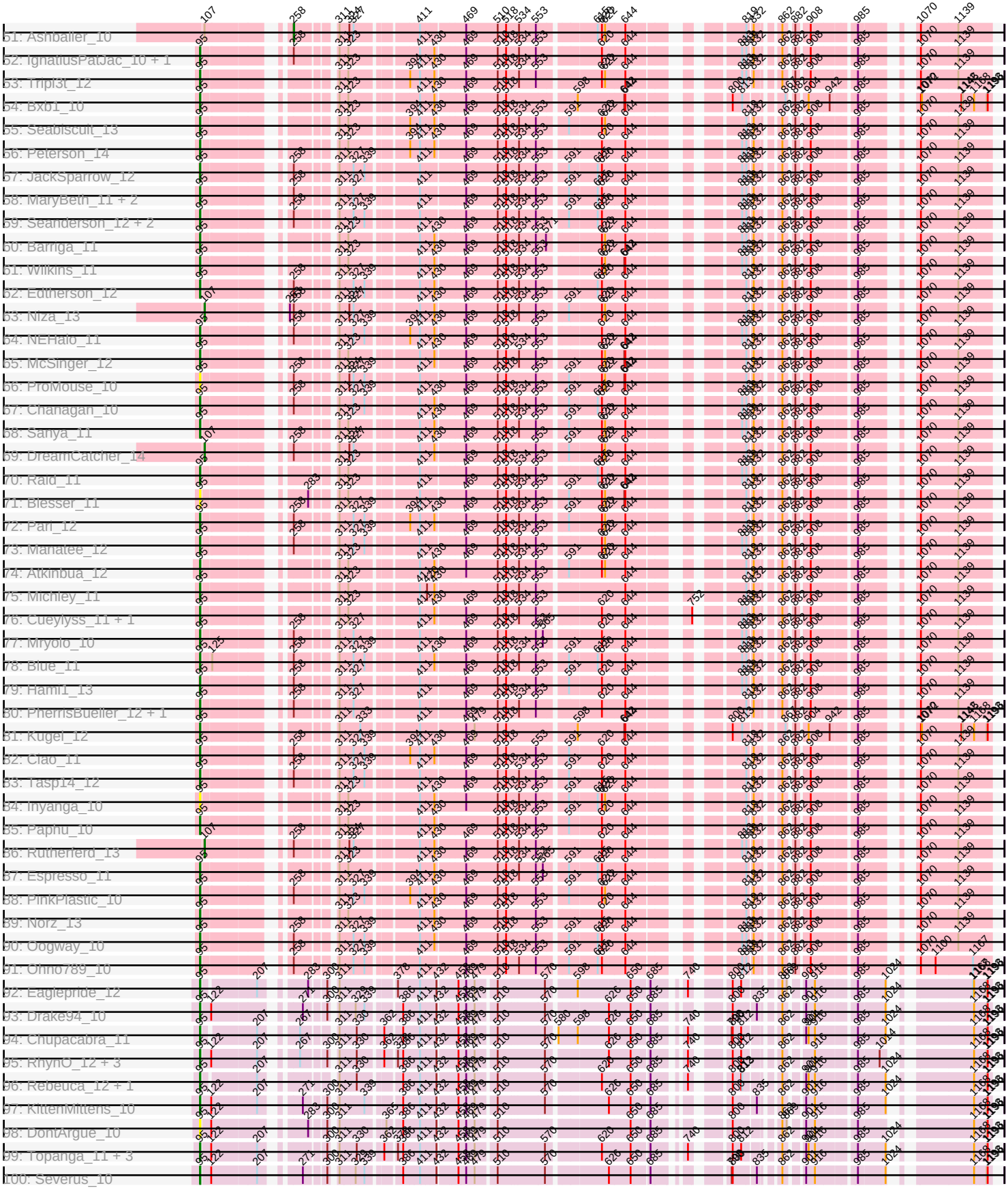
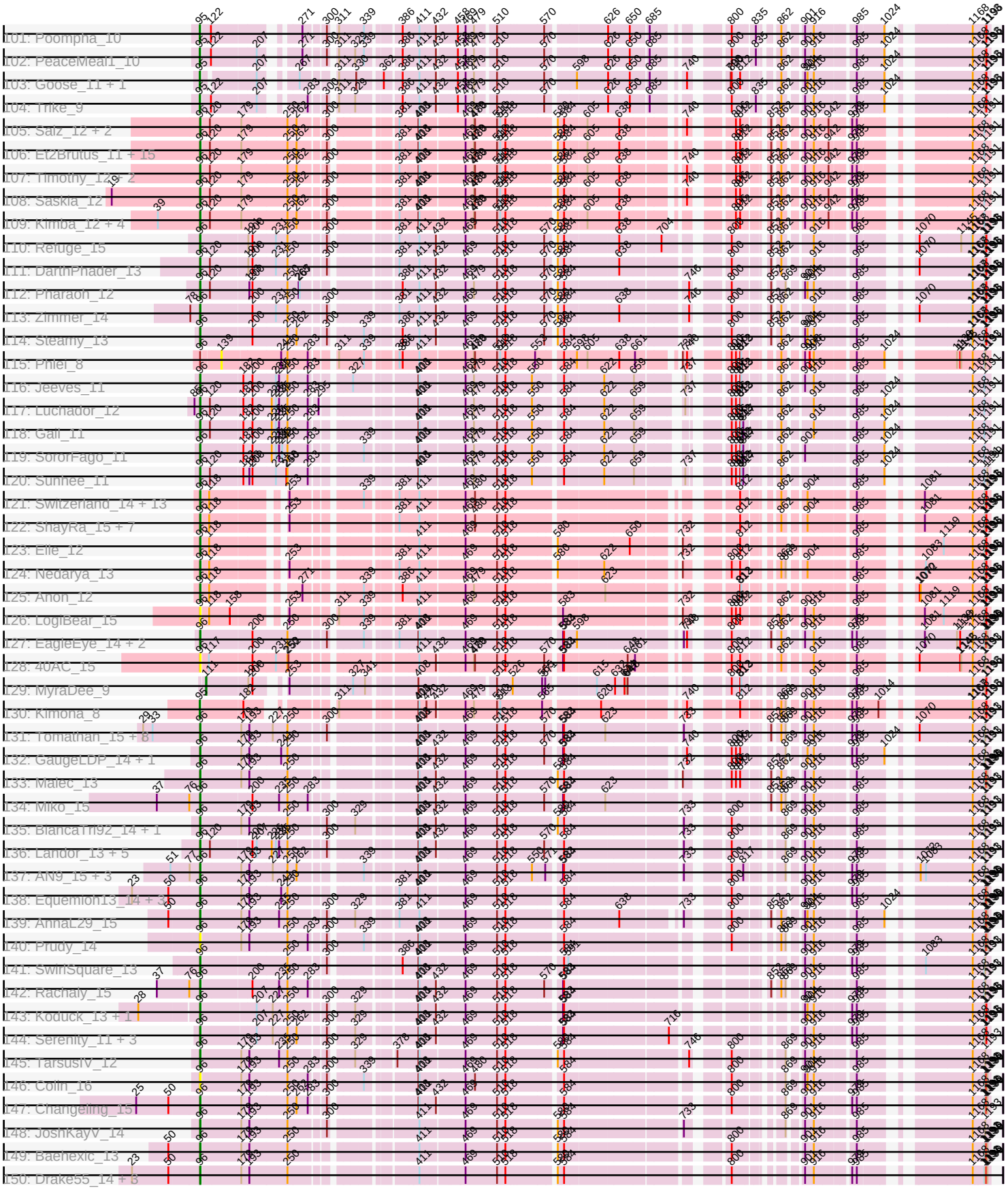
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1: Paraselene_10 + 9
2: Molly_12 + 1
3: Francis47_11 + 19
4: Euphoria_11 + 6
5: BeesKnees_12
6: Thor_11 + 1
7: Pita2_13 + 6
8: Acme_13 + 8
9: Bigchungi_11 + 5
10: Switzer_12 + 2
11: BigPaolini_12 + 2
12: Aldrich_12 + 7
13: Fushigi_12 + 4
14: Petruchio_11 + 1
15: TheloniousMonk_13
16: Marchy_10 + 7
17: Lockley_11 + 1
18: A6_09 + 2
19: Ichabod_12 + 1
20: Fajezeel_13 + 1
21: Crispicous1_10 + 5
22: EnzoK_12 + 8
23: MKhuseli_12
24: Perseus_12 + 8
25: McGuire_12 + 1
26: Applejack_11 + 3
27: STLscum_12
28: Dulcie_10
29: Slagathor_12 + 1
30: QTRifleCrisis_11
31: Kenmech_14
32: Smairt_12 + 4
33: CactusRose_10 + 2
34: Gwendoluna_13
35: Nerujay_12 + 3
36: Lamina13_11
37: Pepe_12 + 5
38: Squee_12
39: Topgun_11 + 2
40: Rohr_12 + 1
41: Pelly_12
42: GMonster_10 + 1
43: Magnar_11
44: HanShotFirst_11 + 1
45: Target_13 + 1
46: Whitspit_12
47: BillKnuckles_12
48: Gyzlar_13 + 2
49: GrecoEtereo_12
50: Rufus_12

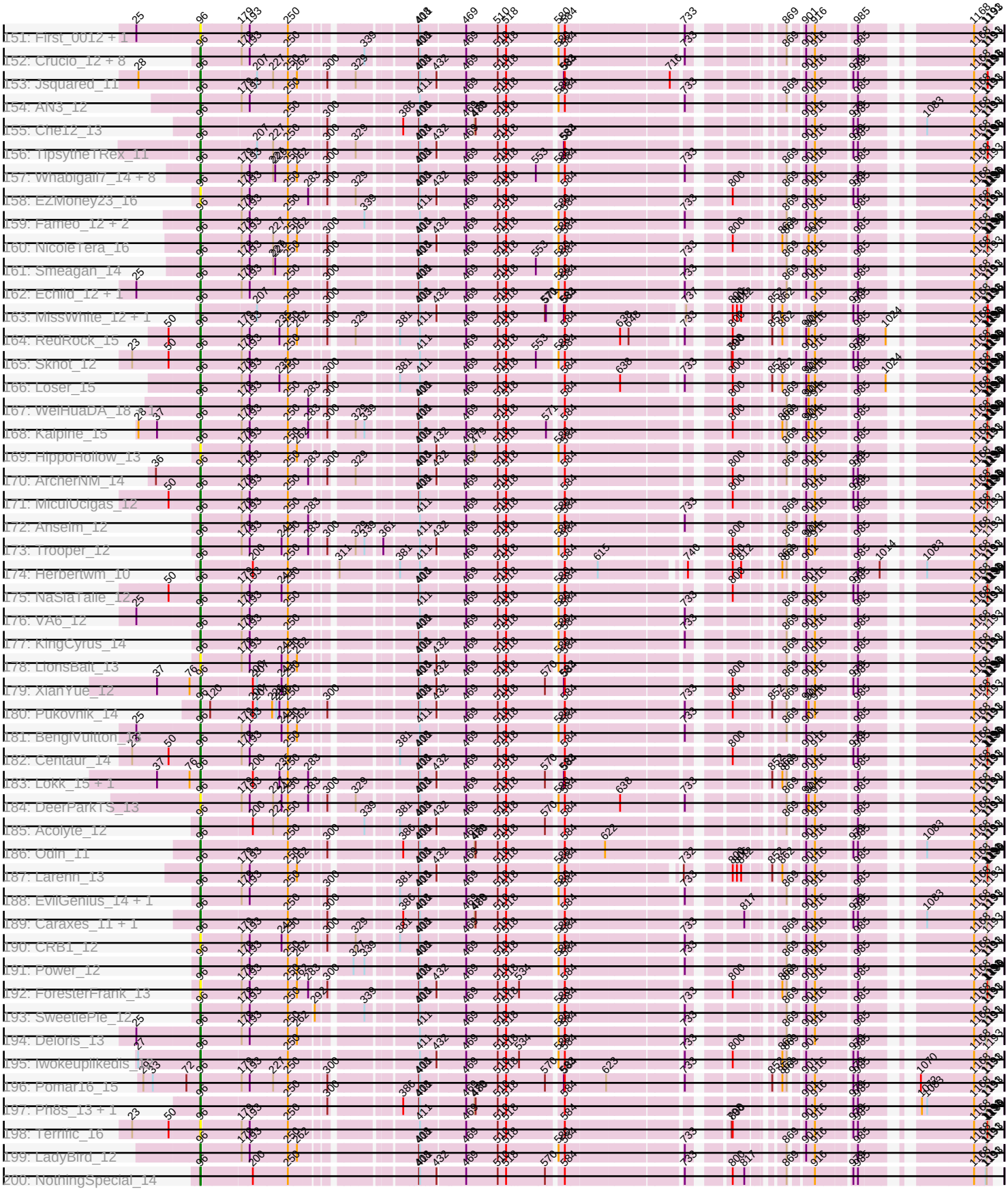
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51: Ashballer_10
52: IgnatiusPatJac_10 + 1
53: Tripl3t_12
54: Bxb1_10
55: Seabiscuit_13
56: Peterson_14
57: JackSparrow_12
58: MaryBeth_11 + 2
59: Seanderson_12 + 2
60: Barriga_11
61: Wilkins_11
62: Edtherson_12
63: Niza_13
64: NEHalo_11
65: McSinger_12
66: ProMouse_10
67: Chanagan_10
68: Sanya_11
69: DreamCatcher_14
70: Raid_11
71: Blesser_11
72: Pari_12
73: Manatee_12
74: Atkinbua_12
75: Michley_11
76: Cueylyss_11 + 1
77: Mryolo_10
78: Blue_11
79: Hami1_13
80: PhernisBueller_12 + 1
81: Kugel_12
82: Ciao_11
83: Tasp14_12
84: Inyanga_10
85: Paphu_10
86: Rutherford_13
87: Espresso_11
88: PinkPlastic_10
89: Norz_13
90: Oogway_10
91: Ohno789_10
92: Eaglepride_12
93: Drake94_10
94: Chupacabra_11
95: RhynO_12 + 3
96: Rebeuca_12 + 1
97: KittenMittens_10
98: DontArgue_10
99: Topanga_11 + 3
100: Severus_10

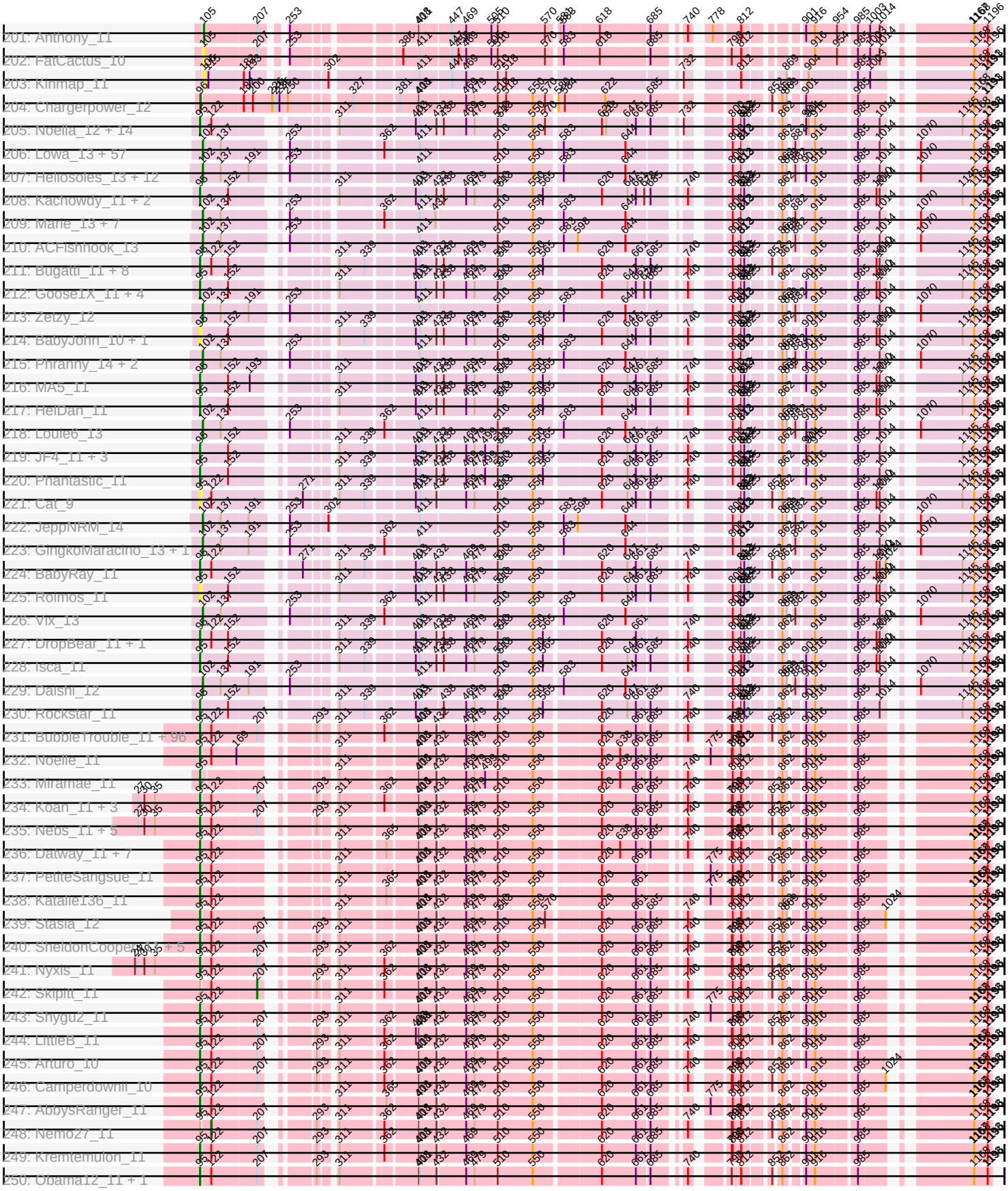
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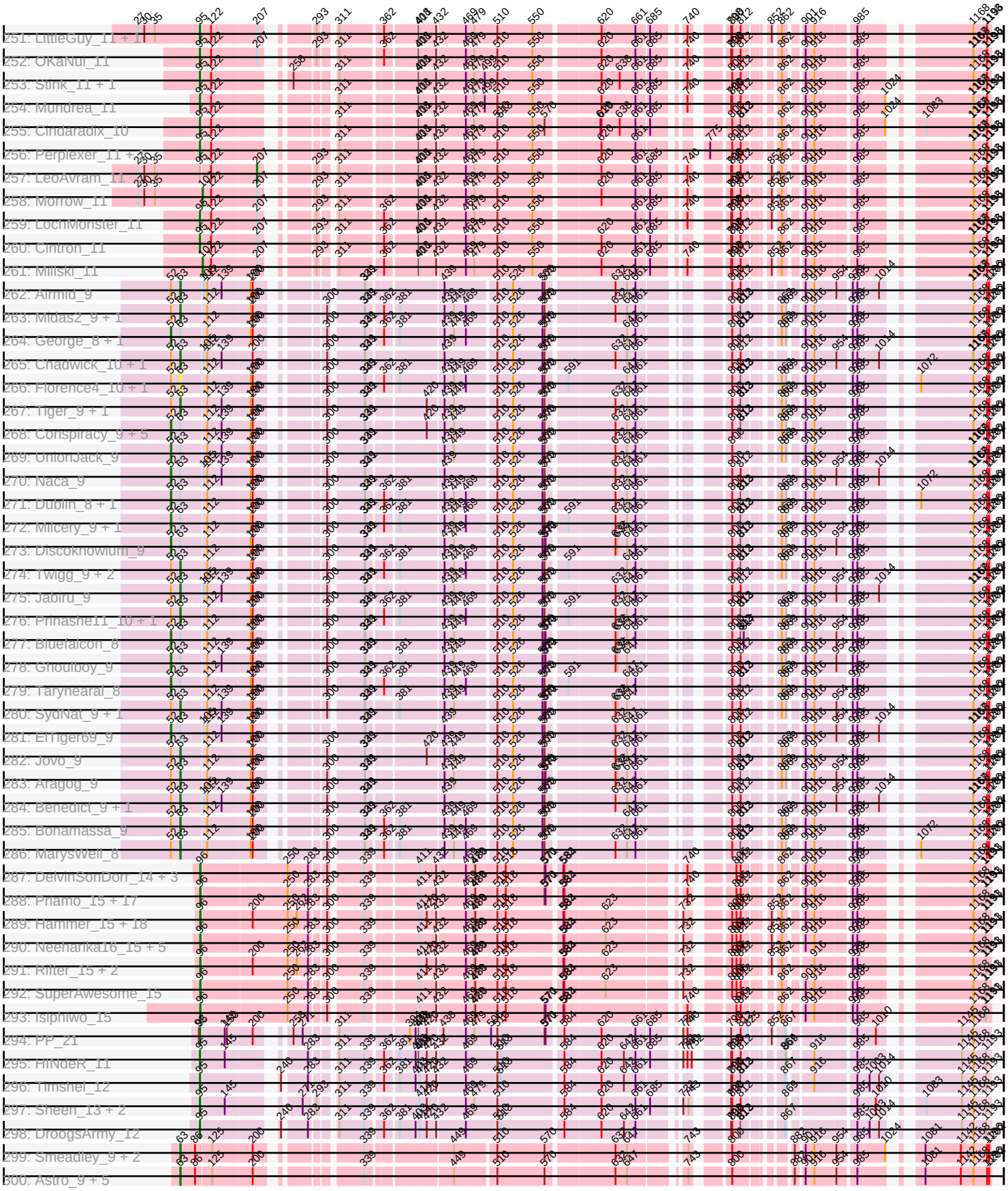
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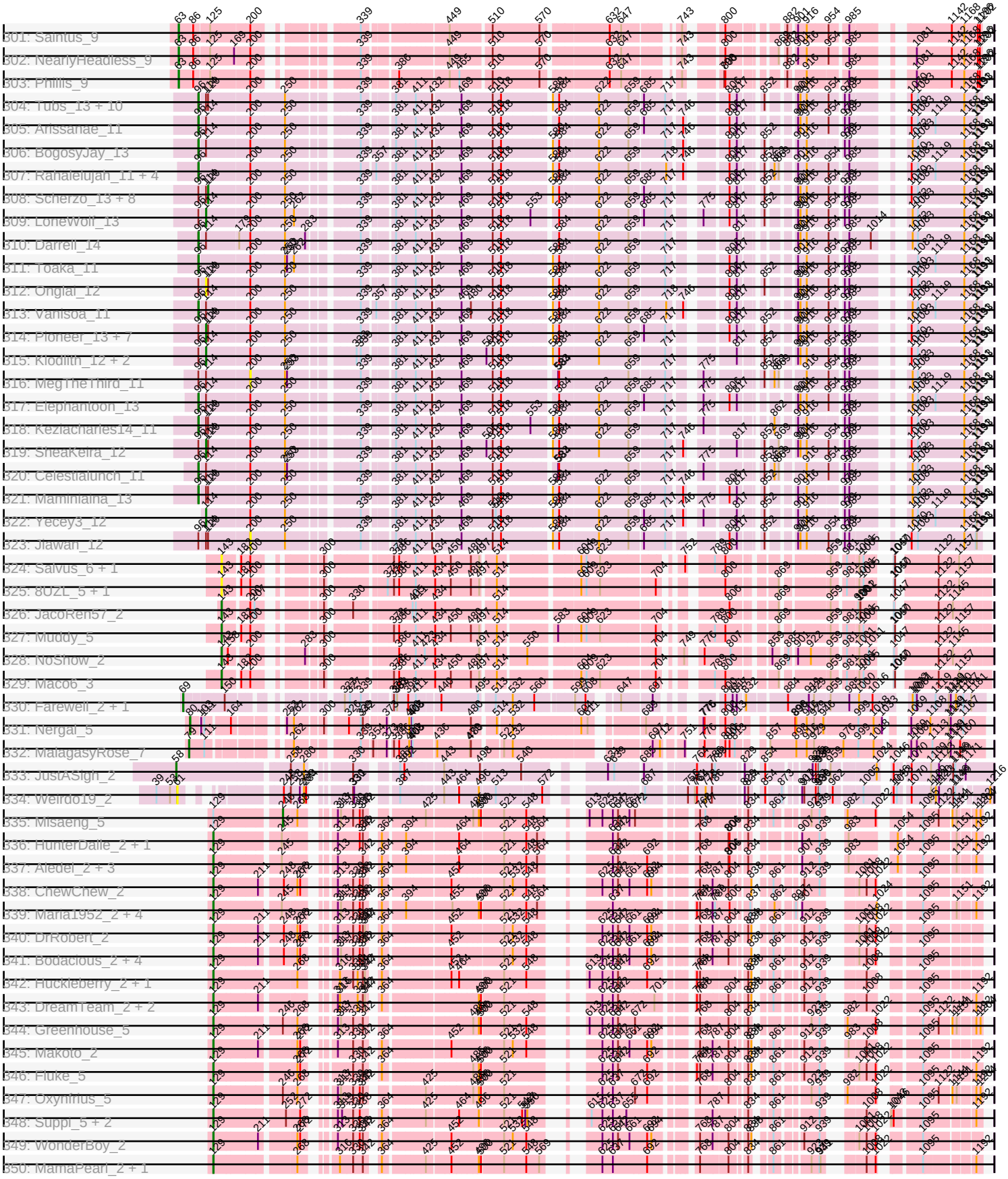
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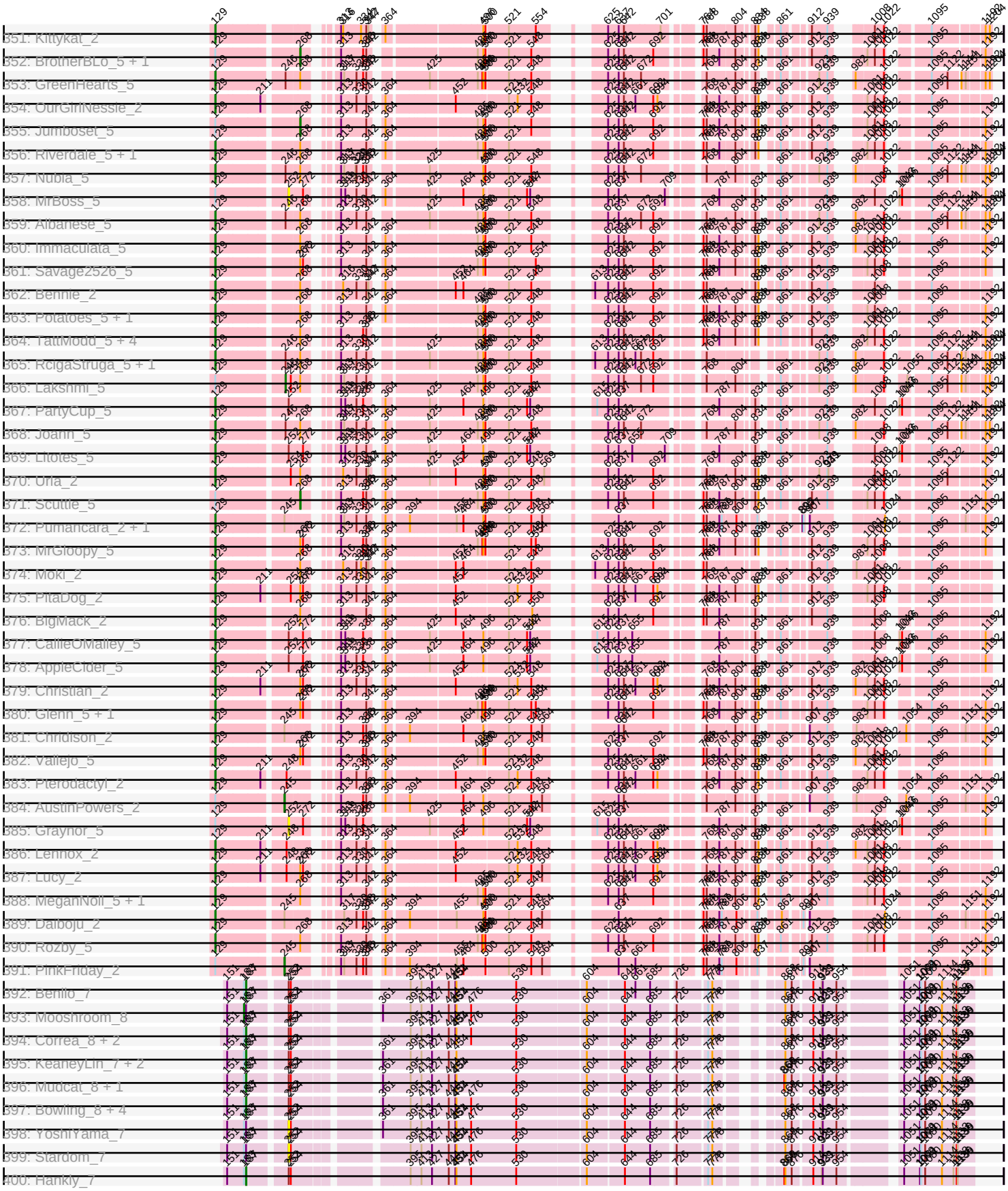
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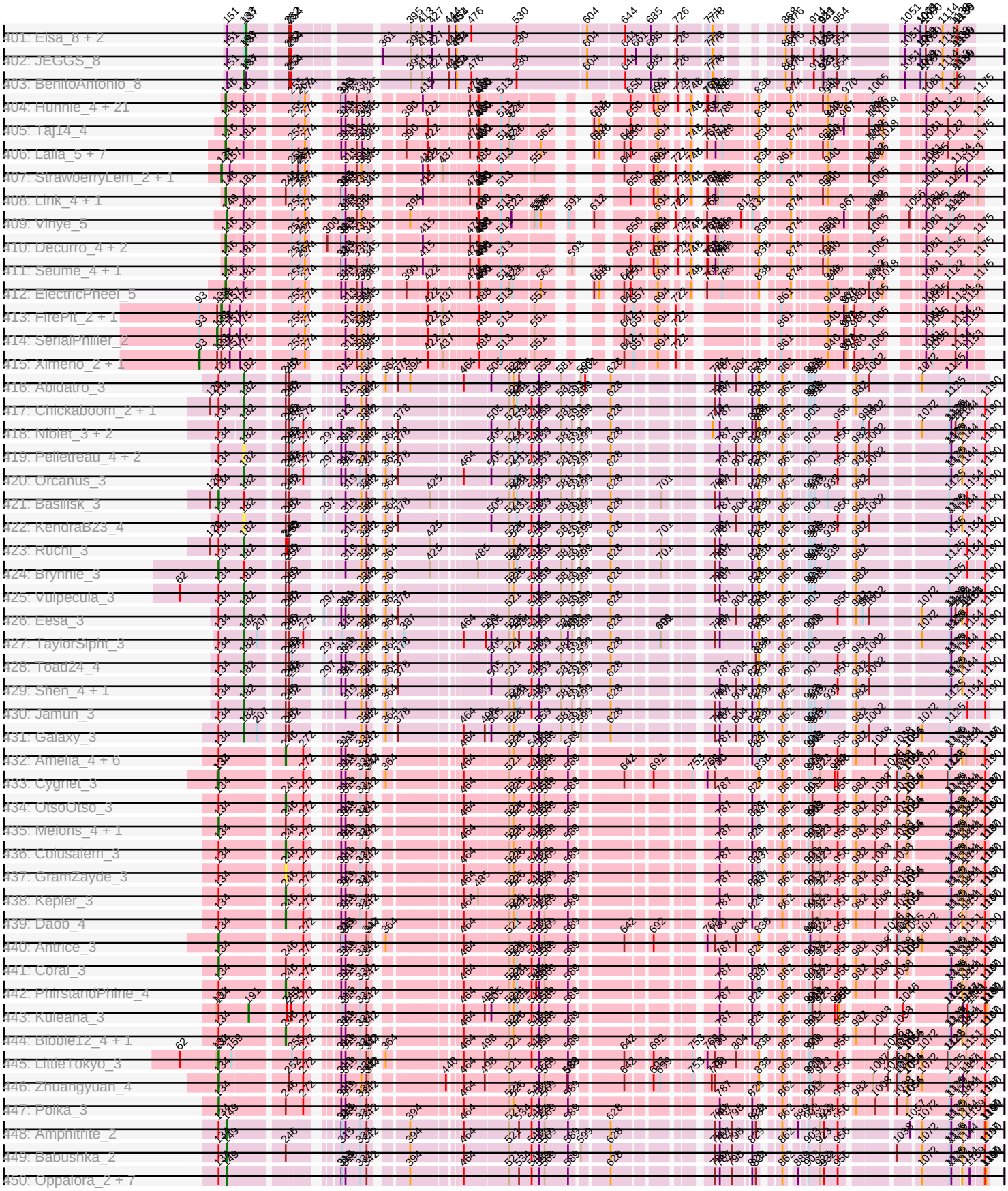
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301: Saintus_9
302: NearlyHeadless_9
303: Phillis_9
304: Tubs_13 + 10
305: Anissahae_11
306: BogosyJay_13
307: Rahaleujah_11 + 4
308: Scherzo_13 + 8
309: LoneWolf_13
310: Darrell_14
311: Toaka_11
312: Onglai_12
313: Vanisoa_11
314: Pioneer_13 + 7
315: Kloolith_12 + 2
316: MegTheThird_11
317: Elephantoon_13
318: KeziaCharles14_11
319: SheaKeira_12
320: Celestialunch_11
321: Mamiriaina_13
322: Yecey3_12
323: Jiawan_12
324: Salvus_6 + 1
325: 8UZL_5 + 1
326: JacoRen57_2
327: Muddy_5
328: NoSnow_2
329: Maco6_3
330: Farewell_2 + 1
331: Nergal_5
332: MalagasyRose_7
333: JustASign_2
334: Weirdo19_2
335: Misaeng_5
336: HunterDalle_2 + 1
337: Aledel_2 + 3
338: ChewChew_2
339: Maria1952_2 + 4
340: DrRobert_2
341: Bodacious_2 + 4
342: Huckleberry_2 + 1
343: DreamTeam_2 + 2
344: Greenhouse_5
345: Makoto_2
346: Fluke_5
347: Oxyrrhus_5
348: Suppi_5 + 2
349: WonderBoy_2
350: MamaPearl_2 + 1

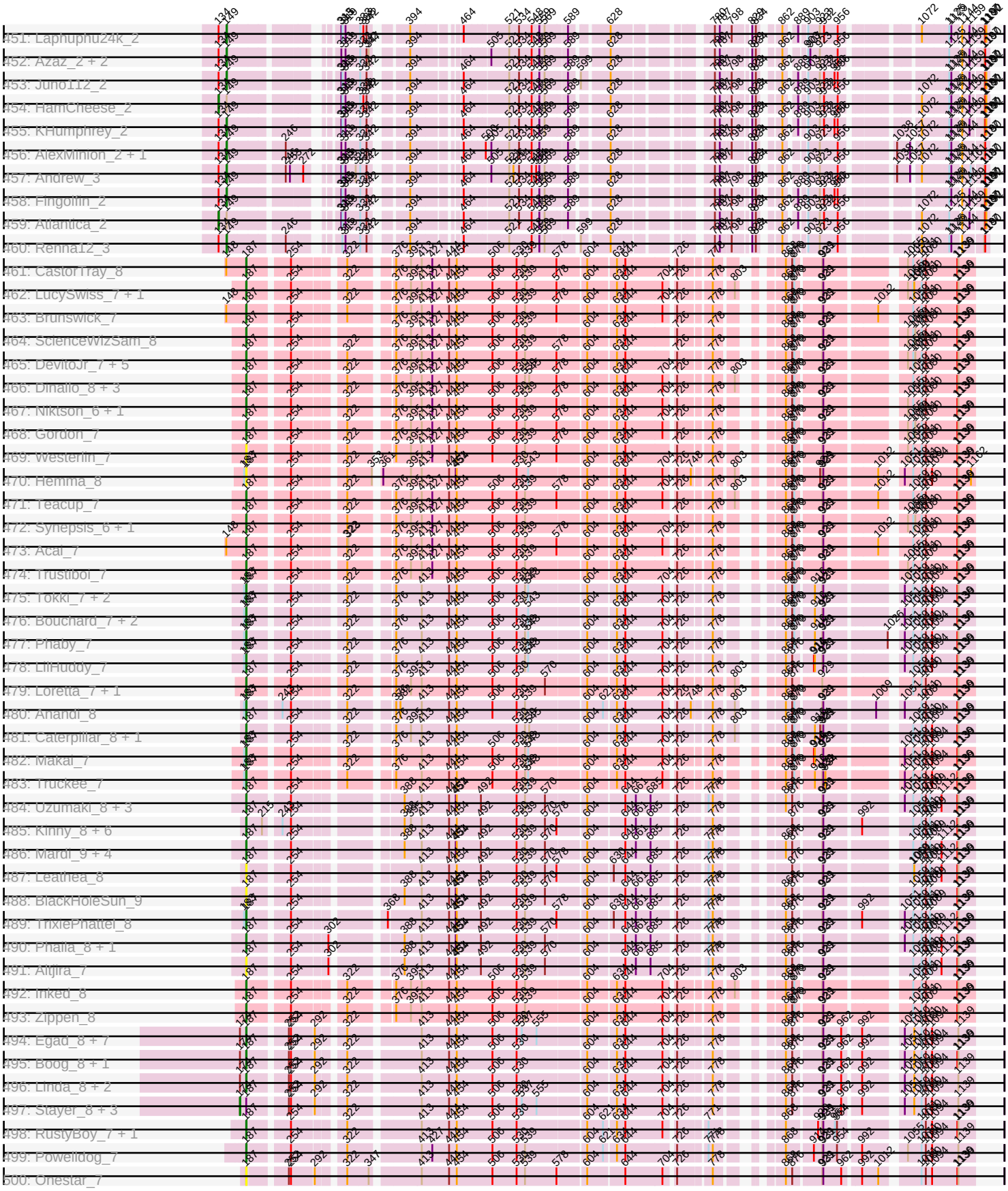
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351: Kittykat_2
352: BrotherBLo_5 + 1
353: GreenHearts_5
354: OurGirlNessie_2
355: Jumboset_5
356: Riverdale_5 + 1
357: Nubia_5
358: MrBoss_5
359: Albanese_5
360: Immaculata_5
361: Savage2526_5
362: Bennie_2
363: Potatoes_5 + 1
364: YattiMoDD_5 + 4
365: RcigaStruga_5 + 1
366: Lakshmi_5
367: PartyCup_5
368: Joann_5
369: Lilotes_5
370: Orla_2
371: Scuttle_5
372: Pumancara_2 + 1
373: MrGloopy_5
374: Moki_2
375: PitaDog_2
376: BigMack_2
377: CaitlinOMalley_5
378: AppleCider_5
379: Christian_2
380: Glenn_5 + 1
381: Chridison_2
382: Vallejo_5
383: Pterodactyl_2
384: AustinPowers_2
385: Graynor_5
386: Lennox_2
387: Lucy_2
388: MeganNoll_5 + 1
389: Daiboju_2
390: Rozby_5
391: PinkFriday_2
392: Benito_7
393: Mooshroom_8
394: Correa_8 + 2
395: KeaneyLin_7 + 2
396: Mudcat_8 + 1
397: Bowling_8 + 4
398: YoshiYama_7
399: Stardom_7
400: Hankly_7

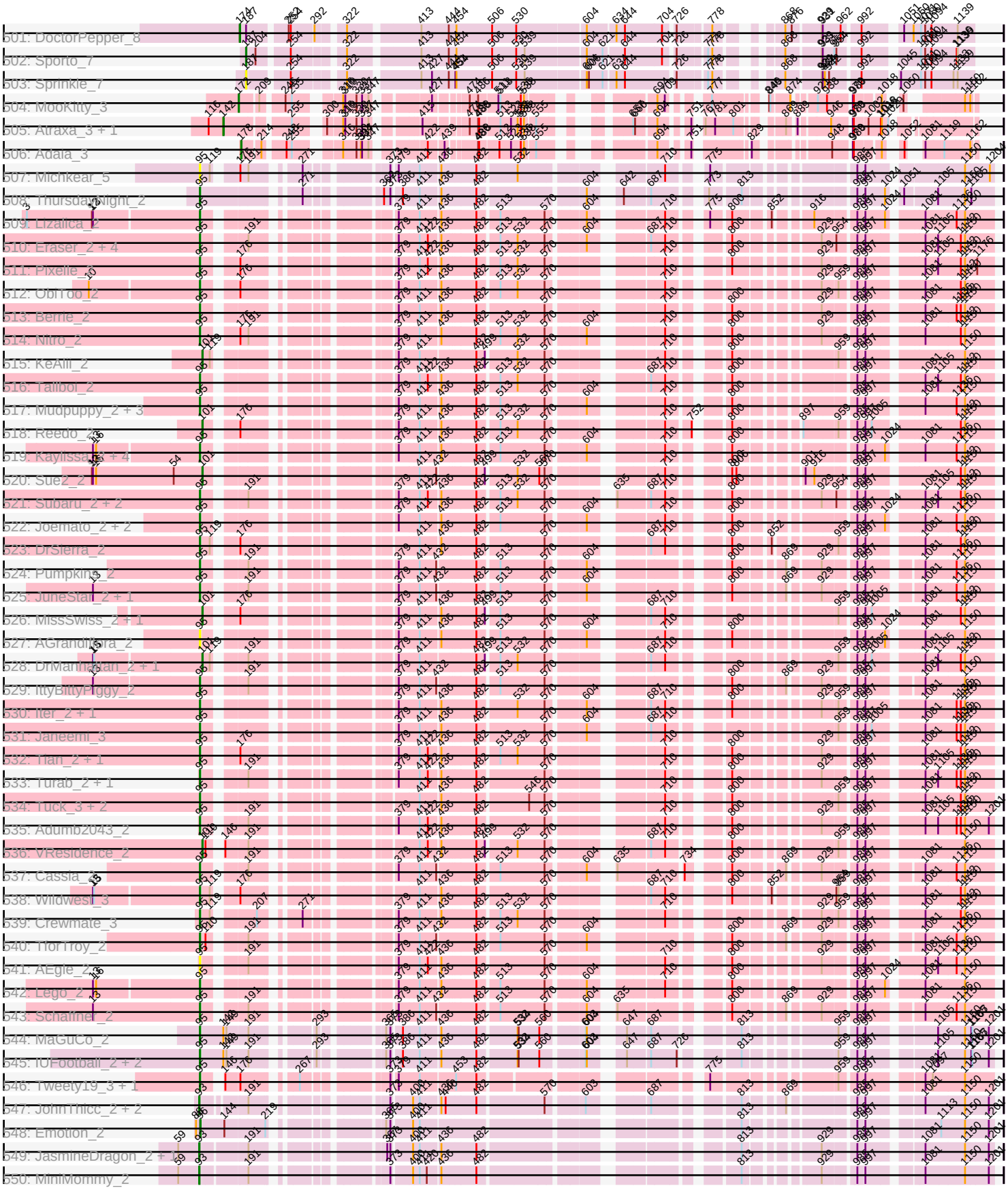
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401: Elsa_8 + 2
402: JEGGS_8
403: BenitoAntonio_8
404: Runnie_4 + 21
405: Taji4_4
406: Laila_5 + 7
407: StrawberryLem_2 + 1
408: Link_4 + 1
409: Vinye_5
410: Decurro_4 + 2
411: Seume_4 + 1
412: ElectricPheel_5
413: FirePit_2 + 1
414: SerialPhiller_2
415: Ximeno_2 + 1
416: Abidatro_3
417: Chickaboom_2 + 1
418: Niblet_3 + 2
419: Pelletreau_4 + 2
420: Orcanus_3
421: Basilisk_3
422: KendraB23_4
423: Ruchi_3
424: Brynnie_3
425: Vulpecula_3
426: Eesa_3
427: TaylorSipht_3
428: Toad24_4
429: Shen_4 + 1
430: Jamun_3
431: Galaxy_3
432: Amelia_4 + 6
433: Cygnet_3
434: OtsoOtso_3
435: Melons_4 + 1
436: Colusalem_3
437: GramZayde_3
438: Kepler_3
439: Daob_4
440: Antrice_3
441: Coral_3
442: PhirstandPhine_4
443: Kuleana_3
444: Bibble12_4 + 1
445: LittleTokyo_3
446: Zhuangyuan_4
447: Polka_3
448: Amphitrite_2
449: Babushka_2
450: Oppalora_2 + 7

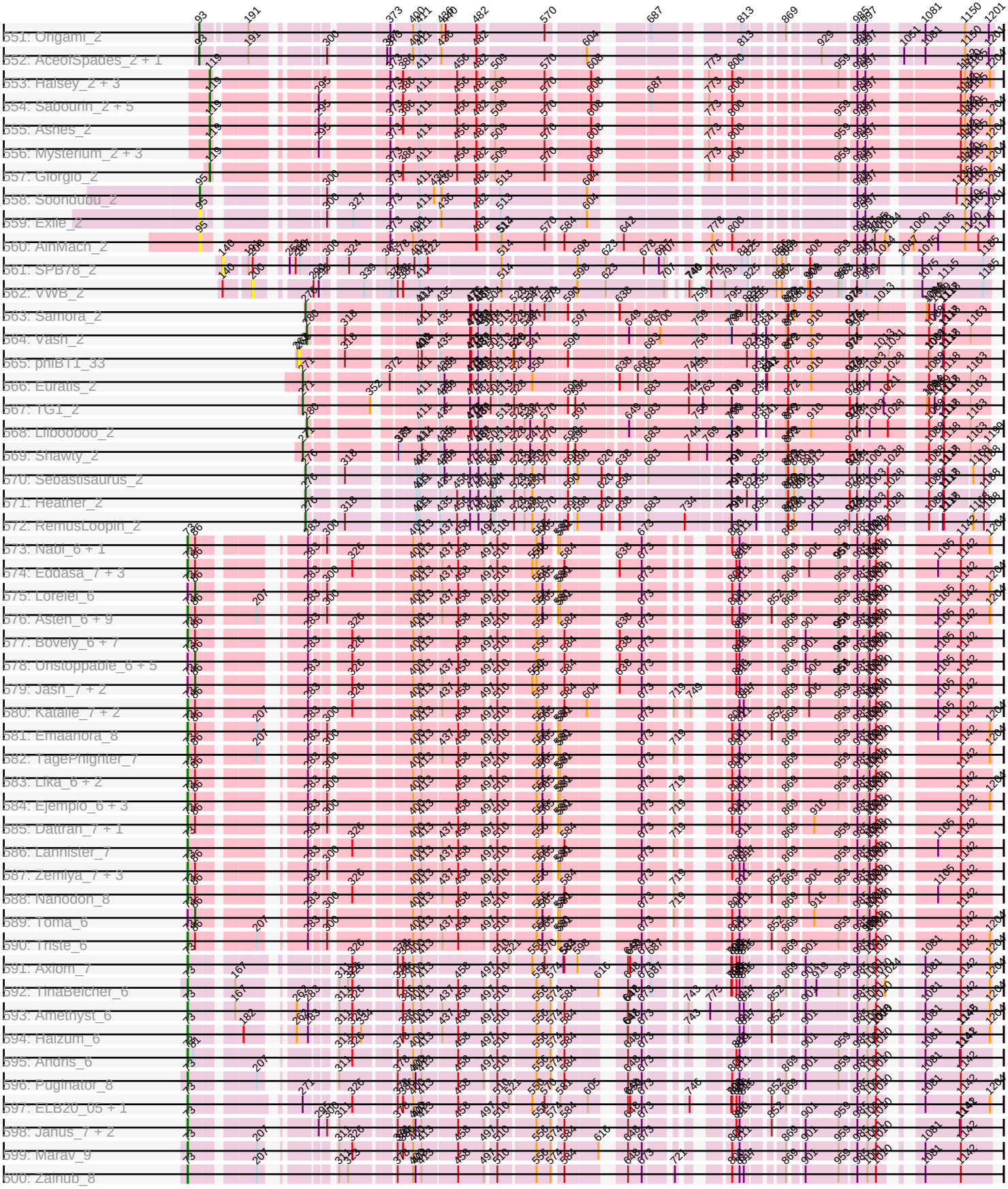
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451: Laphuphu24k_2
452: Azaz_2 + 2
453: Juno112_2
454: HamCheese_2
455: KHumphrey_2
456: AlexMinion_2 + 1
457: Andrew_3
458: Fingolfin_2
459: Atlantica_2
460: Renna12_3
461: CastorTray_8
462: LucySwiss_7 + 1
463: Brunswick_7
464: ScienceWizSam_8
465: DevitoJr_7 + 5
466: Dinallo_8 + 3
467: Niktson_6 + 1
468: Gordon_7
469: Westerlin_7
470: Hemma_8
471: Teacup_7
472: Synepsis_6 + 1
473: Acai_7
474: Trustiboi_7
475: Tokki_7 + 2
476: Bouchard_7 + 2
477: Phaby_7
478: LilHuddy_7
479: Loretta_7 + 1
480: Anandi_8
481: Caterpillar_8 + 1
482: Makai_7
483: Truckee_7
484: Uzumaki_8 + 3
485: Kinny_8 + 6
486: Mardi_9 + 4
487: Leathea_8
488: BlackHoleSun_9
489: TrixiePhattel_8
490: Phalla_8 + 1
491: Altjira_7
492: Inked_8
493: Zippen_8
494: Egad_8 + 7
495: Boog_8 + 1
496: Linda_8 + 2
497: Stayer_8 + 3
498: RustyBoy_7 + 1
499: Powelldog_7
500: Onestar_7

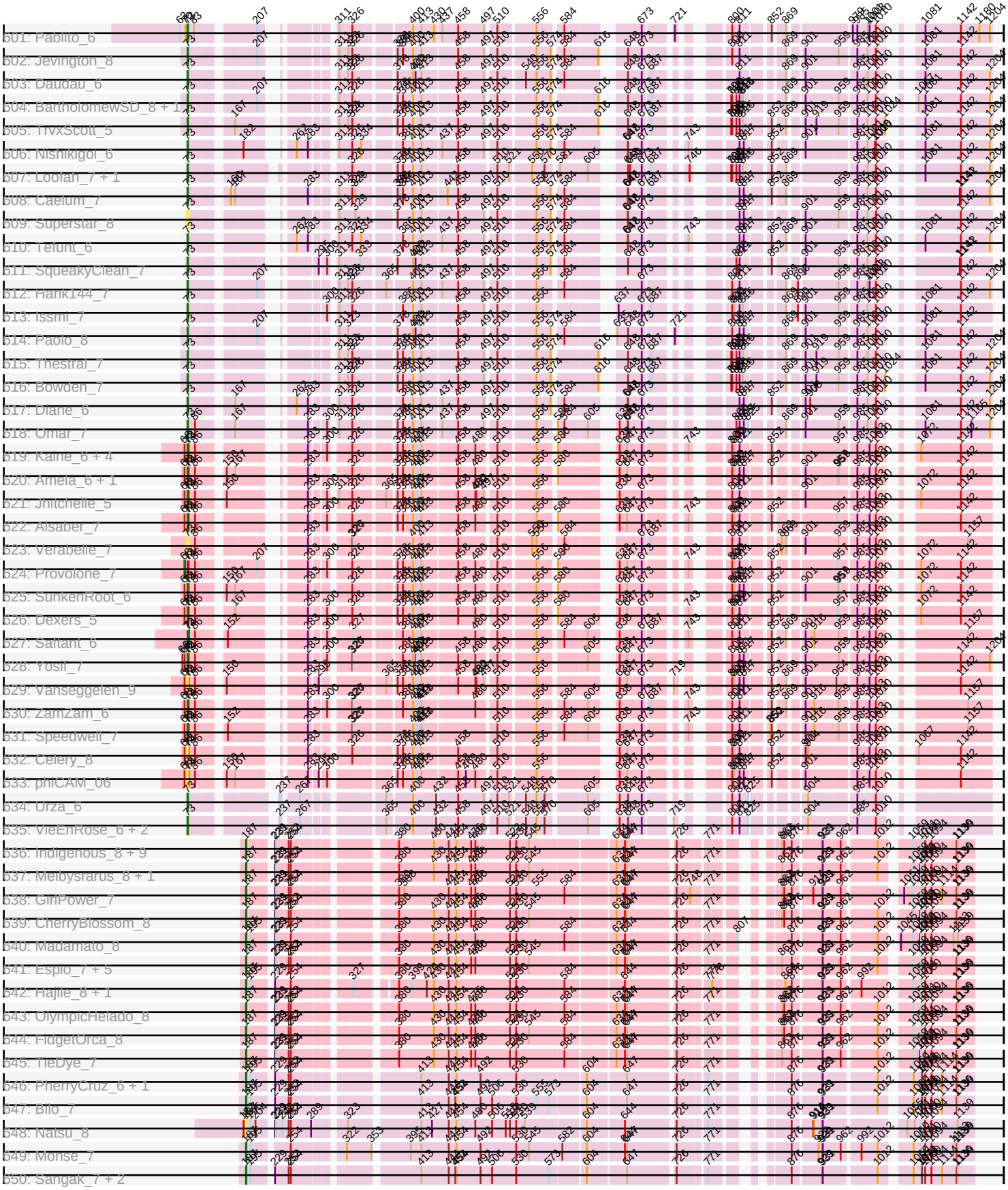
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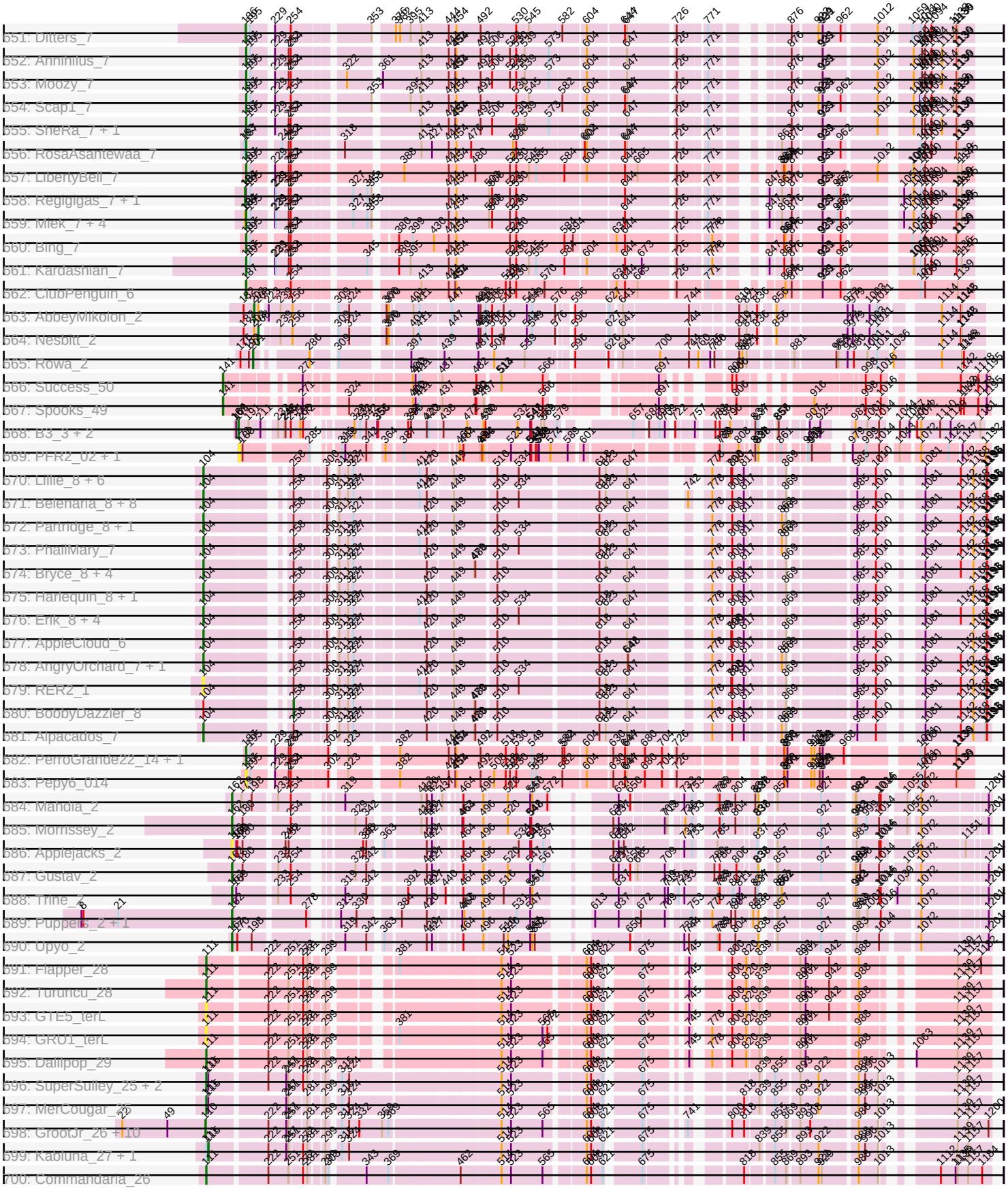
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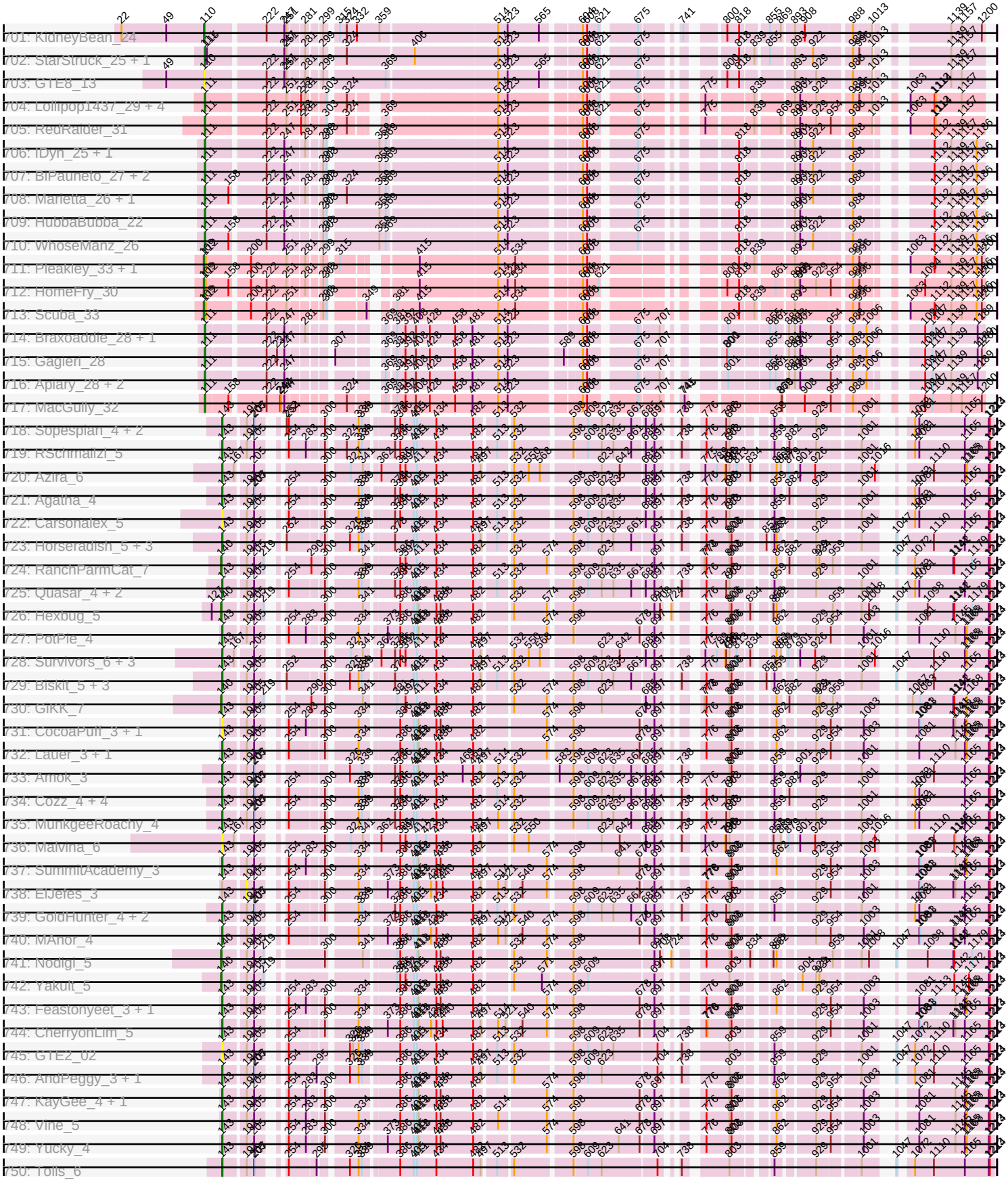
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601: Pablito_6
602: Jevington_8
603: Daudau_6
604: BartholomewSD_8 + 1
605: TrvxScott_5
606: Nishikigoi_6
607: Loofah_7 + 1
608: Caelum_7
609: Superstar_8
610: Telunt_6
611: SqueakyClean_7
612: Rank144_7
613: Issmi_7
614: Pablo_8
615: Thestral_7
616: Bowden_7
617: Diane_6
618: Omar_7
619: Kaine_6 + 4
620: Amela_6 + 1
621: Jhitchelle_5
622: Alsaber_7
623: Verabelle_7
624: Provolone_7
625: SunkenRoot_6
626: Dexers_5
627: Saltant_6
628: Yosif_7
629: Vanseggelen_9
630: ZamZam_6
631: Speedwell_7
632: Celery_8
633: phiCAM_06
634: Orza_6
635: VieEnRose_6 + 2
636: Indigenous_8 + 9
637: Melbysrarus_8 + 1
638: GinPower_7
639: CherryBlossom_8
640: Madamato_8
641: Espio_7 + 5
642: Hajile_8 + 1
643: OlympicHelado_8
644: FidgetOrca_8
645: TheDye_7
646: PherryCruz_6 + 1
647: Bilo_7
648: Natsu_8
649: Monse_7
650: Sangak_7 + 2

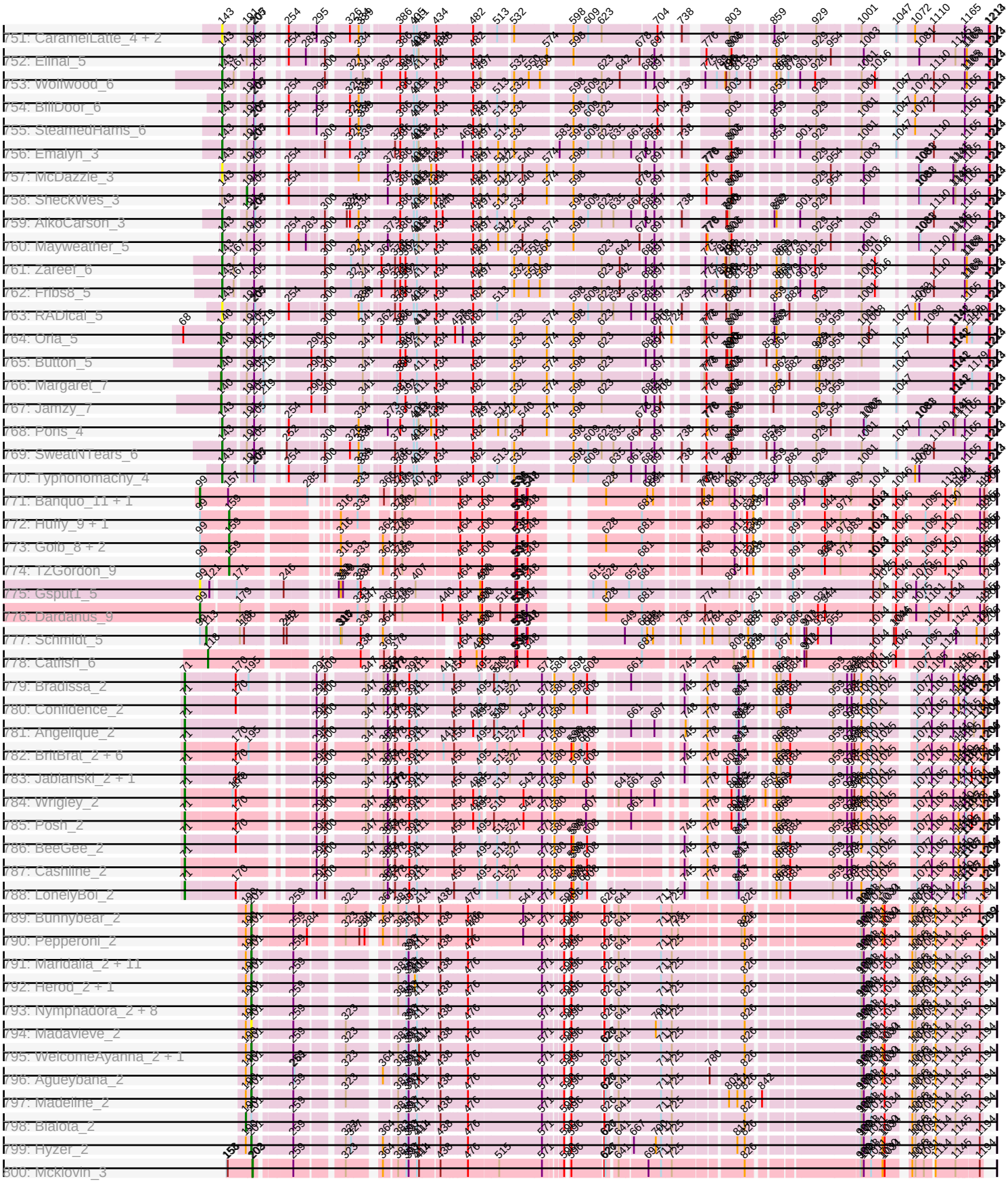
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651: Ditters_7
652: Annihilus_7
653: Moozy_7
654: Scap1_7
655: SheRa_7 + 1
656: RosaAsantewaa_7
657: LibertyBell_7
658: Regigigas_7 + 1
659: Mlek_7 + 4
660: Bing_7
661: Kardashian_7
662: ClubPenguin_6
663: AbbeyMikolon_2
664: Nesbitt_2
665: Rowa_2
666: Success_50
667: Spooks_49
668: B3_3 + 2
669: PFR2_02 + 1
670: Lillie_8 + 6
671: Belenaria_8 + 8
672: Partridge_8 + 1
673: PhaliMary_7
674: Bryce_8 + 4
675: Harlequin_8 + 1
676: Erik_8 + 4
677: AppleCloud_6
678: AngryOrchard_7 + 1
679: RER2_1
680: BobbyDazzler_8
681: Alpacados_7
682: PerroGrande22_14 + 1
683: Pepy6_014
684: Mandia_2
685: Morrissey_2
686: Applejacks_2
687: Gustav_2
688: Trine_2
689: Puppers_2 + 1
690: Opyo_2
691: Flapper_28
692: Turuncu_28
693: GTE5_terL
694: GRO1_terL
695: Dallipop_29
696: SuperSulley_25 + 2
697: MerCougar_25
698: GrootJr_26 + 10
699: Kabluna_27 + 1
700: Commandaria_26

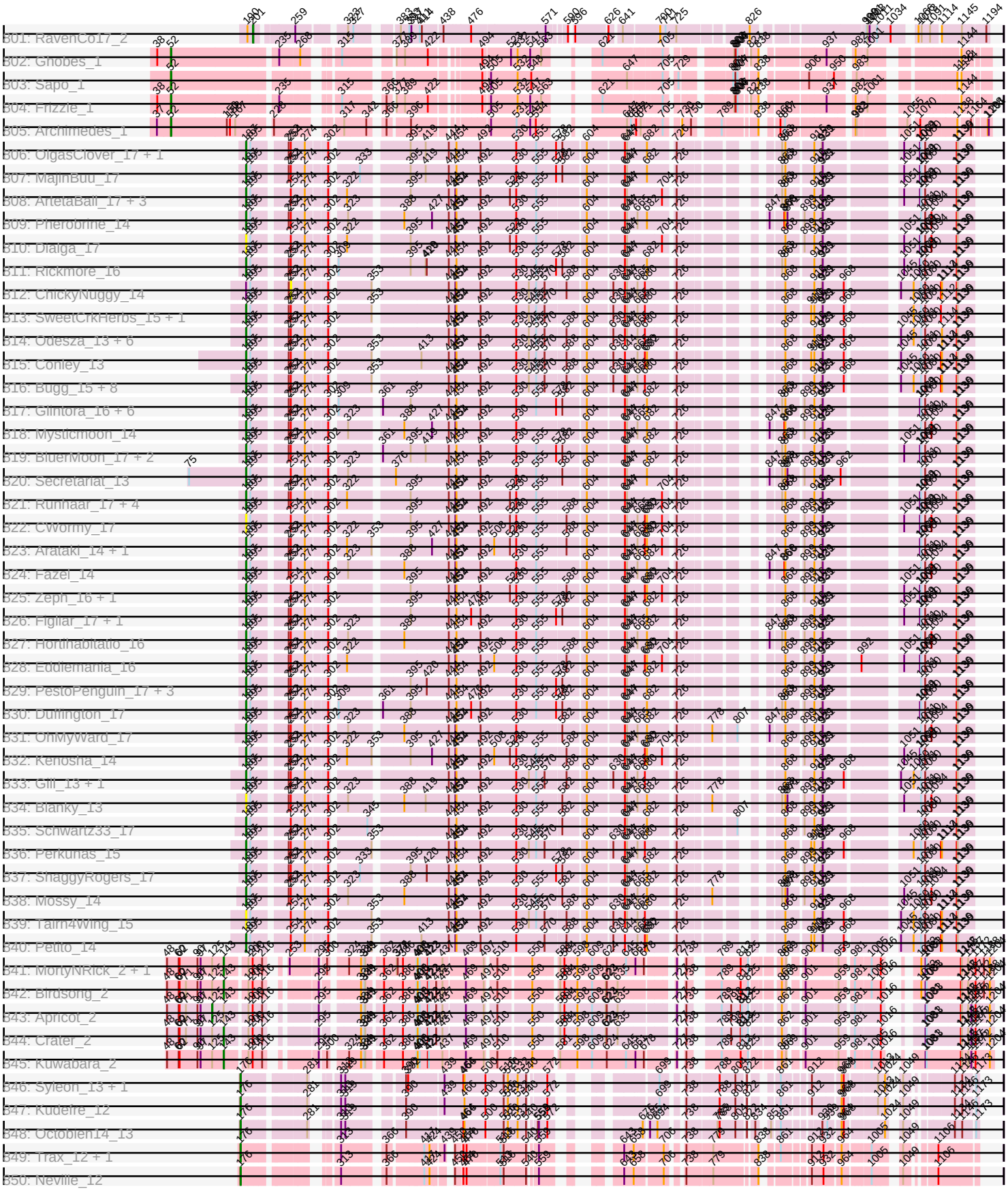
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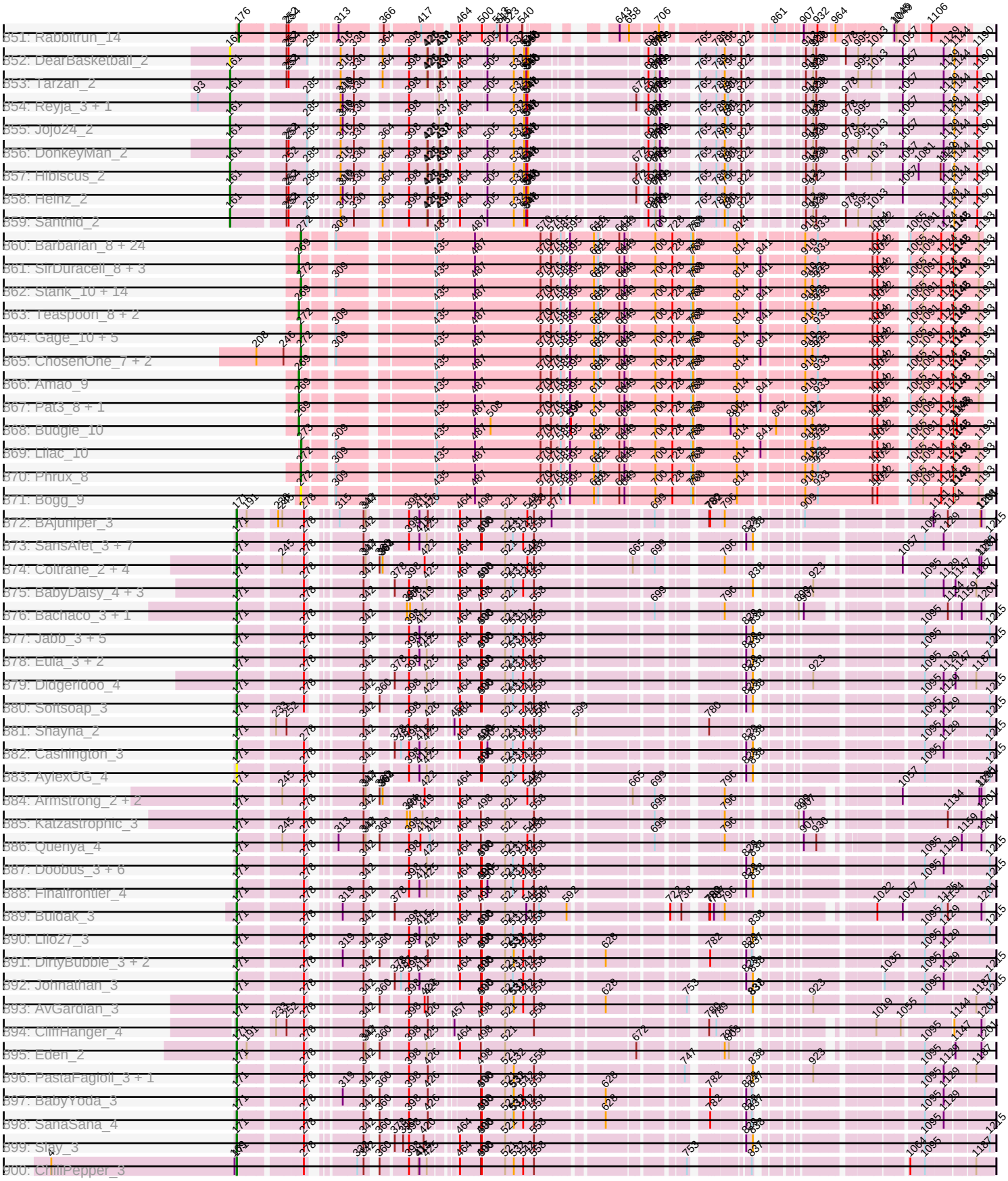
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751: CaramelLatte_4 + 2
752: Elinal_5
753: Wollwood_6
754: BillDoor_6
755: SteamedHams_6
756: Emalyn_3
757: McDazzle_3
758: SheckWes_3
759: AlkoCarson_3
760: Mayweather_5
761: Zareef_6
762: Fribs8_5
763: RADical_5
764: Orla_5
765: Button_5
766: Margaret_7
767: Jamzy_7
768: Pons_4
769: SweatNTears_6
770: Typhonomachy_4
771: Banquo_11 + 1
772: Rudy_9 + 1
773: Golb_8 + 2
774: TZGordon_9
775: Gsputt1_5
776: Dardanus_9
777: Schmidt_5
778: Catfish_6
779: Bradissa_2
780: Confidence_2
781: Angelique_2
782: BritBrat_2 + 6
783: Jablanski_2 + 1
784: Wrigley_2
785: Posh_2
786: BeeGee_2
787: Cashline_2
788: LonelyBoi_2
789: Bunnybear_2
790: Pepperoni_2
791: Mandalla_2 + 11
792: Herod_2 + 1
793: Nymphadora_2 + 8
794: Madavieve_2
795: WelcomeAyanna_2 + 1
796: Agueybana_2
797: Madeline_2
798: Bialota_2
799: Hyzer_2
800: Mcklovin_3

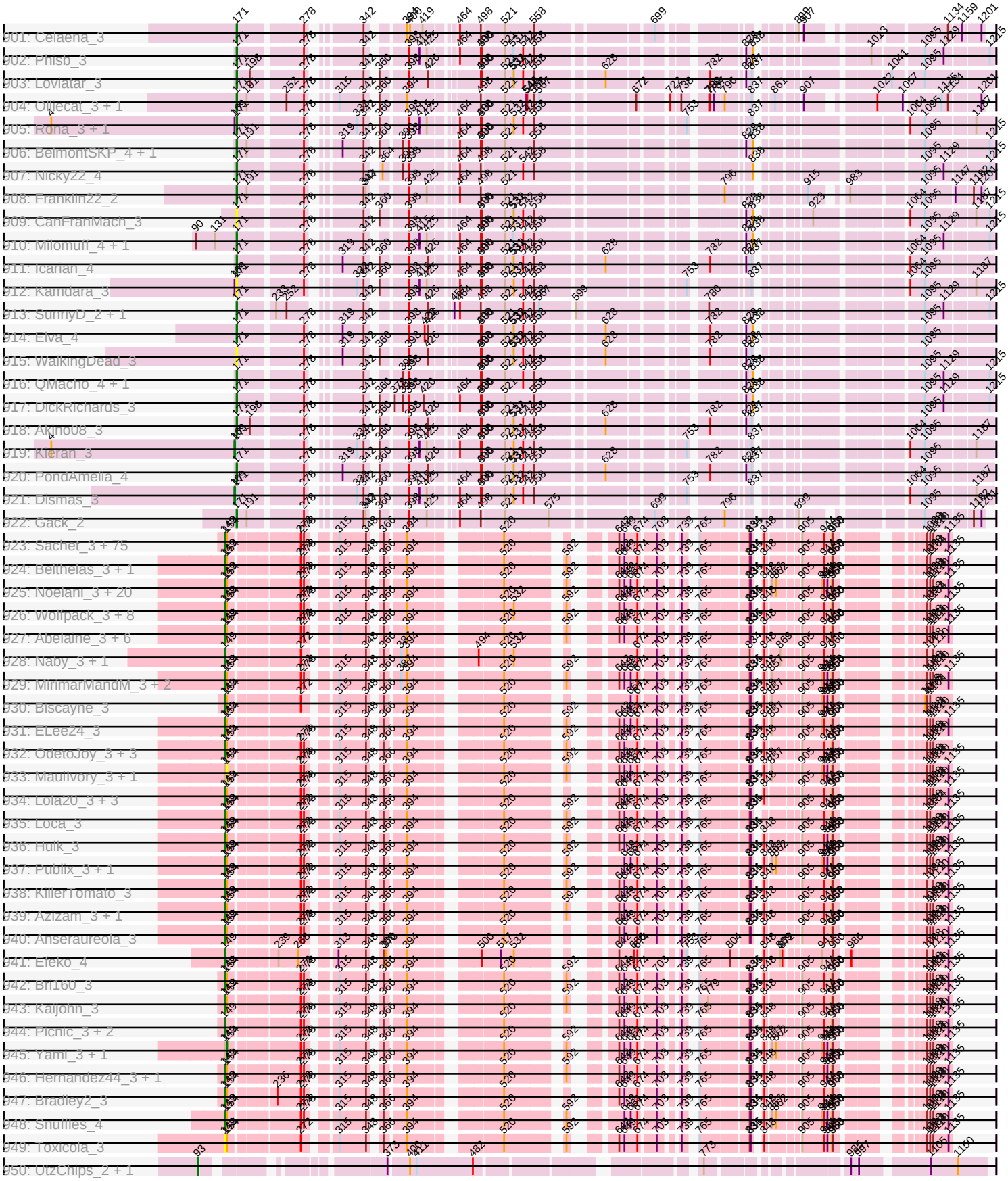
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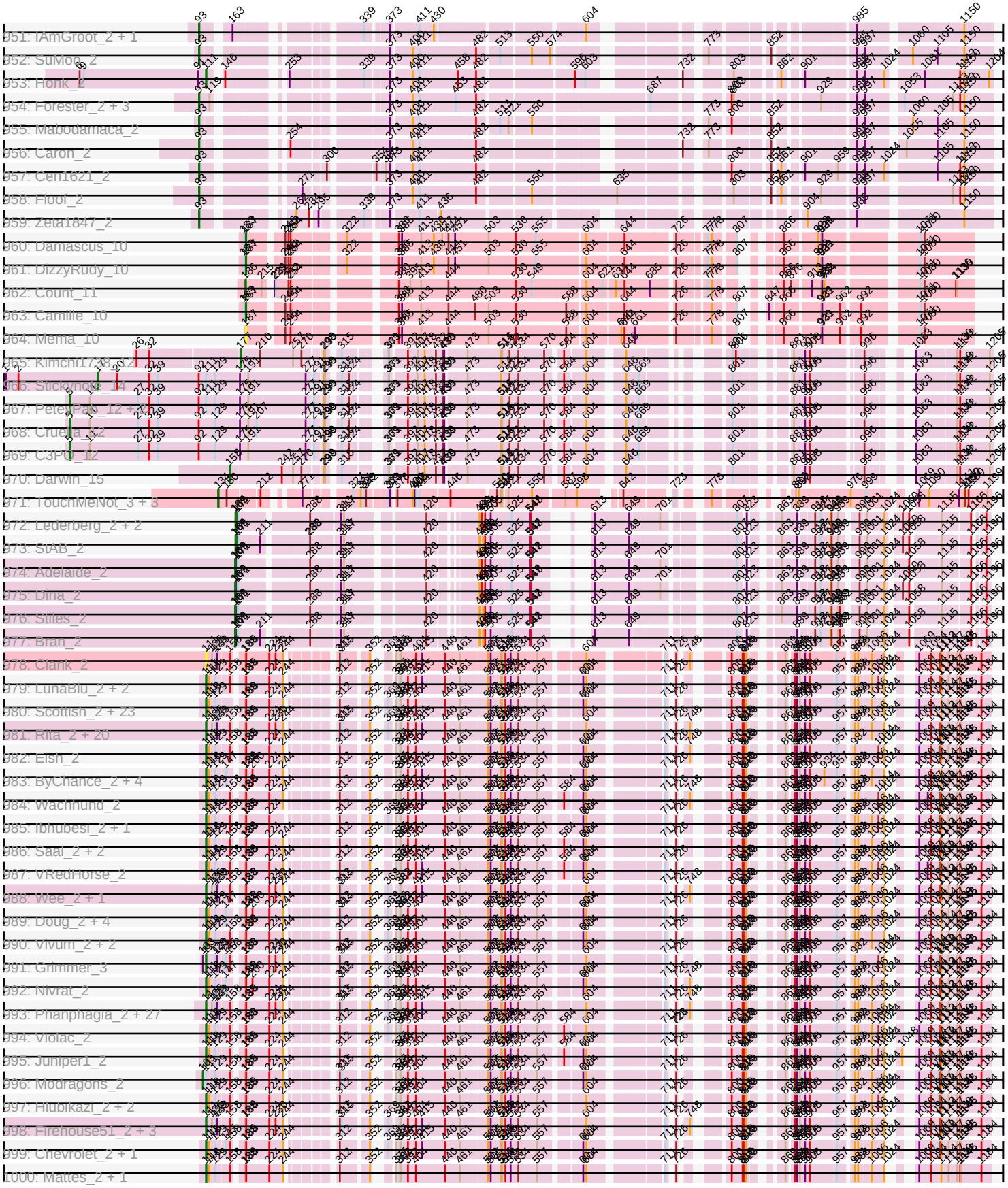
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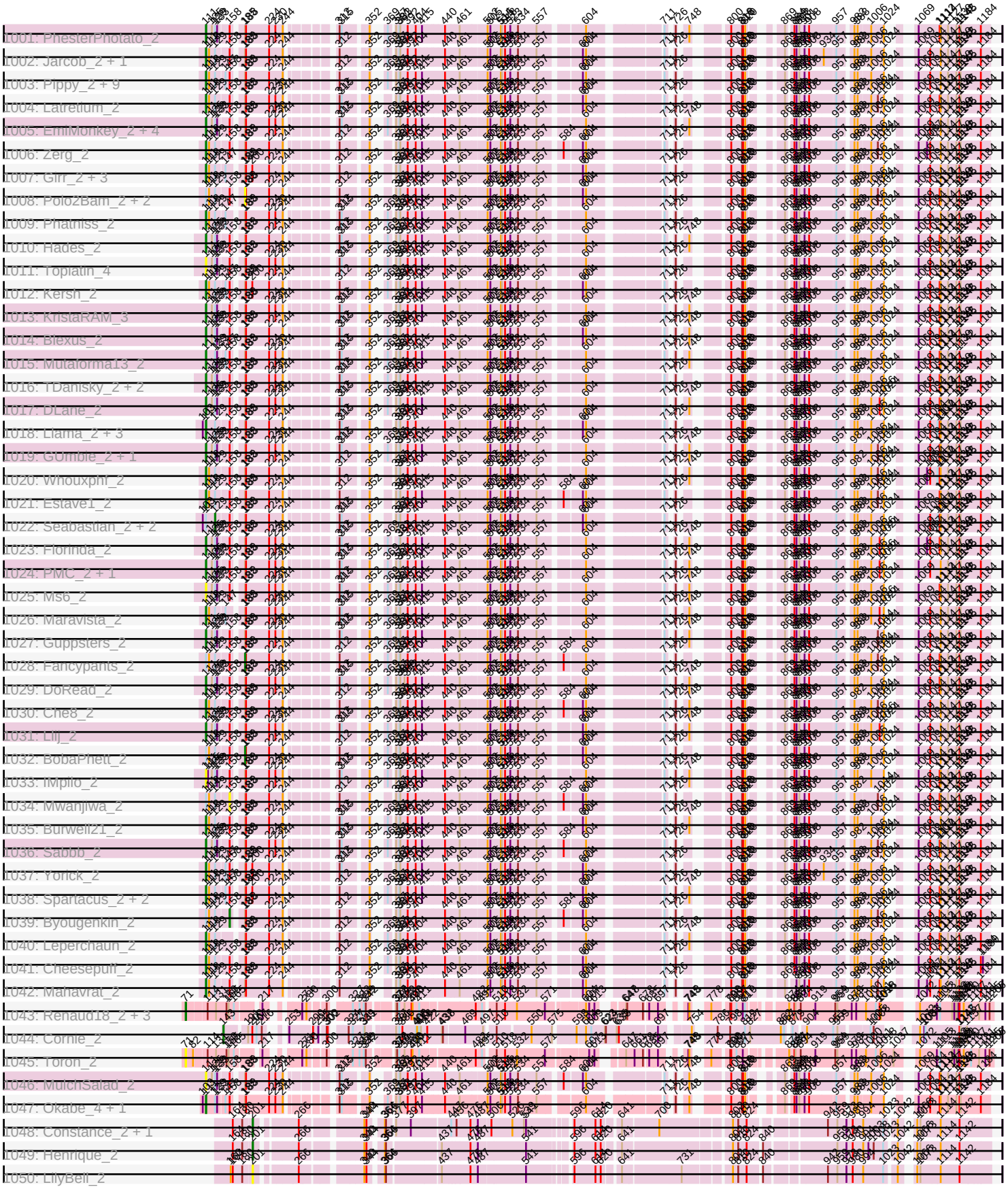
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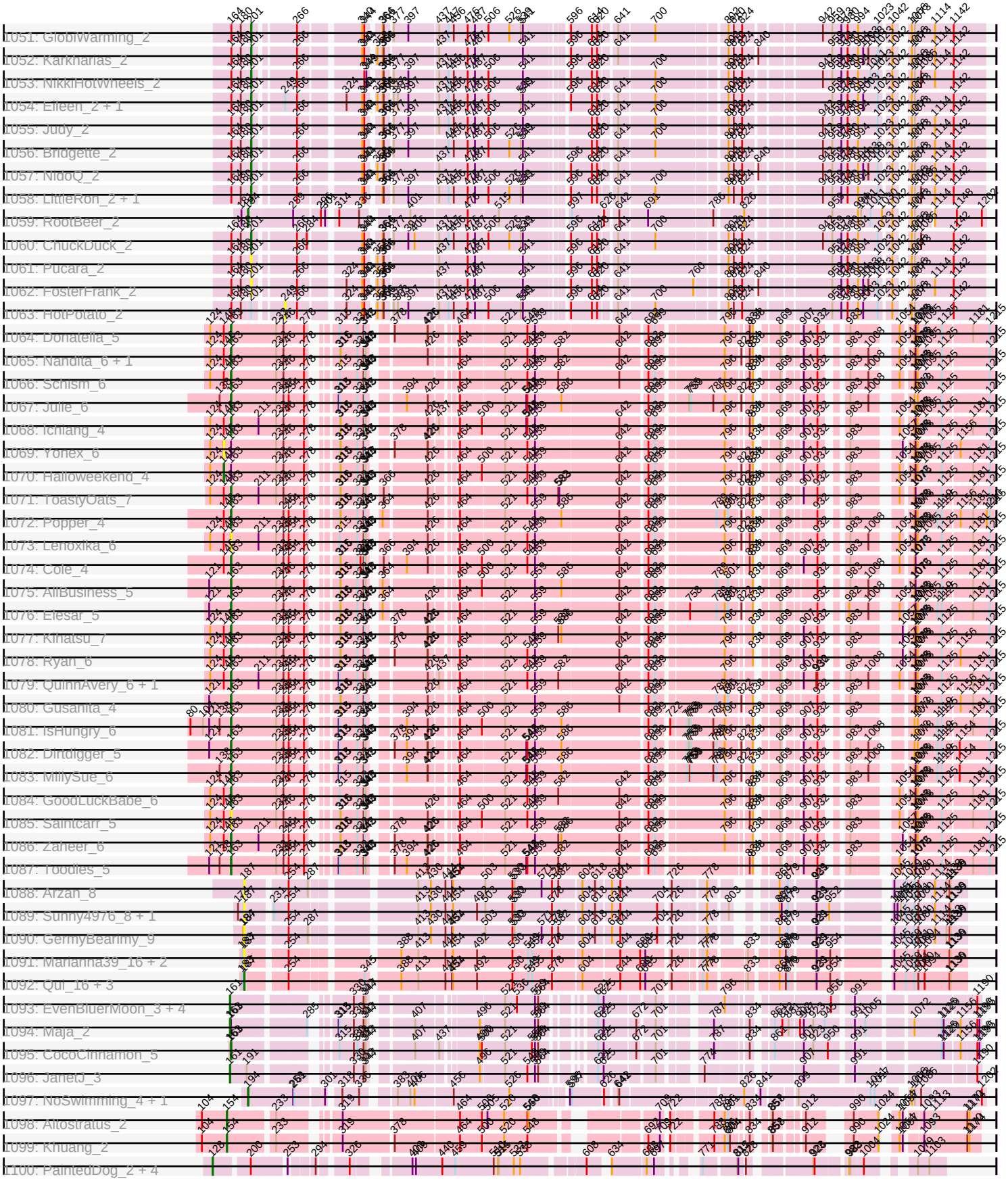
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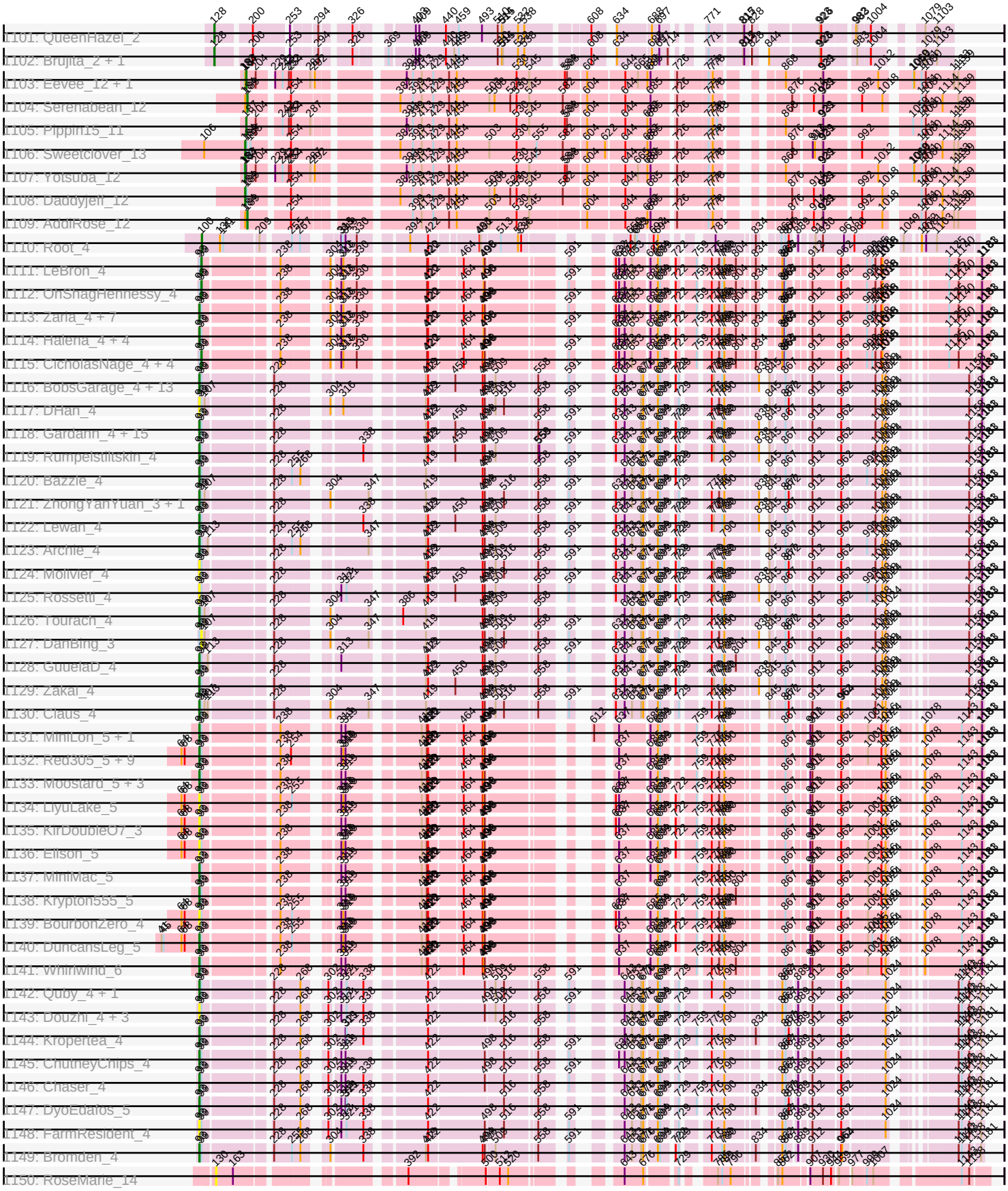
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1001: PhesterPhotato_2
1002: Jarcob_2 + 1
1003: Pippy_2 + 9
1004: Latretium_2
1005: EmiMonkey_2 + 4
1006: Zerg_2
1007: Girr_2 + 3
1008: Polo2Bam_2 + 2
1009: Phatniss_2
1010: Hades_2
1011: Toplatin_4
1012: Kersh_2
1013: KristaRAM_3
1014: Blexus_2
1015: Mutaforma13_2
1016: TDanisky_2 + 2
1017: DLane_2
1018: Llama_2 + 3
1019: GOmble_2 + 1
1020: Whouxphr_2
1021: Estave1_2
1022: Seabastian_2 + 2
1023: Florinda_2
1024: PMC_2 + 1
1025: Ms6_2
1026: Maravista_2
1027: Guppsters_2
1028: Fancypants_2
1029: DoRead_2
1030: Che8_2
1031: Lij_2
1032: BobaPhett_2
1033: Implio_2
1034: Mwanjiwa_2
1035: Burwell21_2
1036: Sabbo_2
1037: Yorick_2
1038: Spartacus_2 + 2
1039: Byougenkin_2
1040: Leperchaun_2
1041: Cheesepuff_2
1042: Manavrat_2
1043: Renaud18_2 + 3
1044: Cornie_2
1045: Toron_2
1046: MulchSalad_2
1047: Okabe_4 + 1
1048: Constance_2 + 1
1049: Henrique_2
1050: LilyBell_2

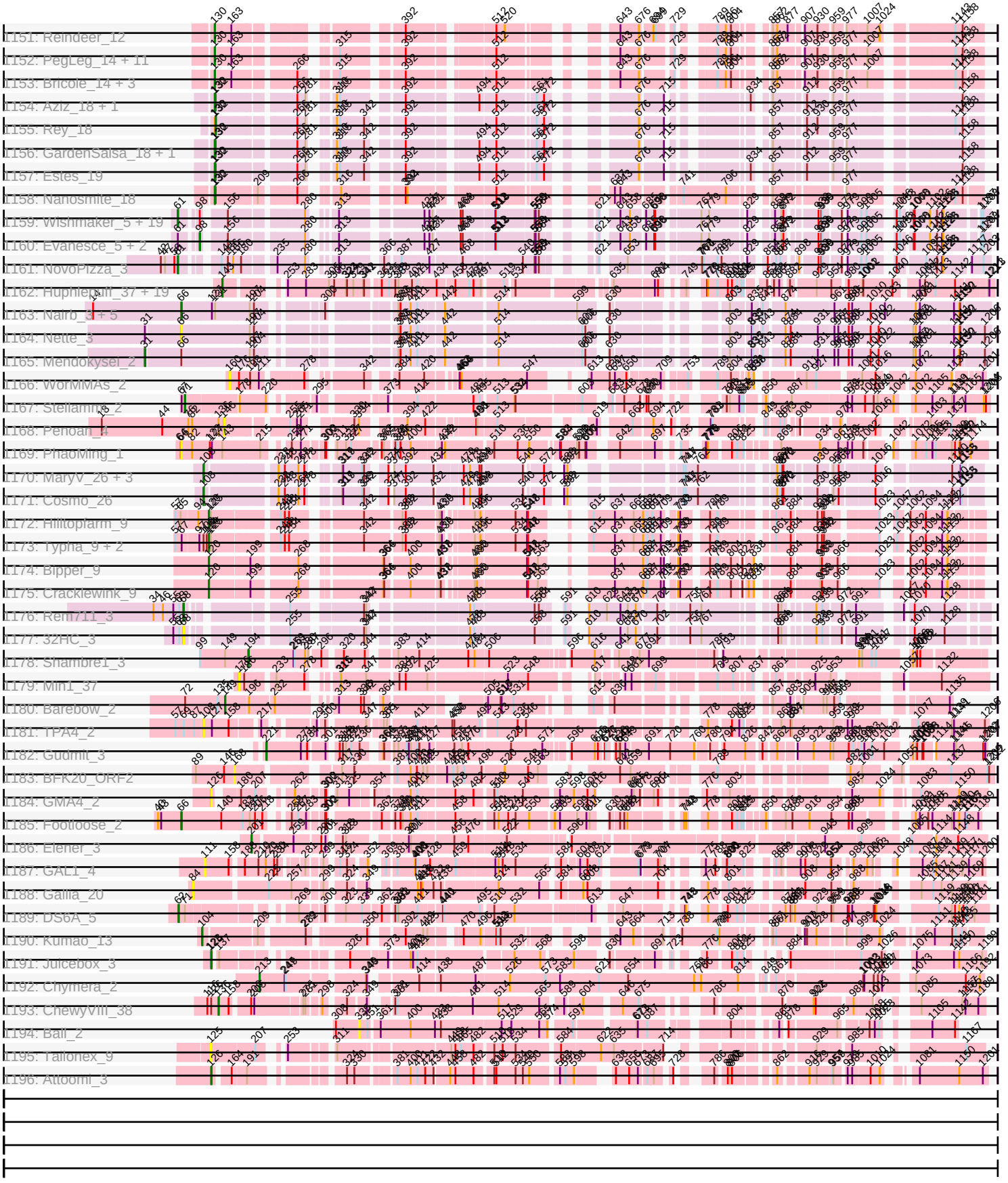
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1051: GlobalWarming_2
1052: Karkharias_2
1053: NikkiHotWheels_2
1054: Eileen_2 + 1
1055: Judy_2
1056: Bridgette_2
1057: NidoQ_2
1058: LittleRon_2 + 1
1059: RootBeer_2
1060: ChuckDuck_2
1061: Pucara_2
1062: FosterFrank_2
1063: HotPotato_2
1064: Donatella_5
1065: Nandita_6 + 1
1066: Schism_6
1067: Julie_6
1068: Ichiang_4
1069: Yonex_6
1070: Halloweekend_4
1071: ToastyOats_7
1072: Popper_4
1073: Lenoxika_6
1074: Cole_4
1075: AllBusiness_5
1076: Elesar_5
1077: Kinatsu_7
1078: Ryan_6
1079: QuinnAvery_6 + 1
1080: Gusanita_4
1081: IsHungry_6
1082: Dirtdigger_5
1083: MillySue_6
1084: GoodLuckBabe_6
1085: Saintcarr_5
1086: Zaheer_6
1087: Toodles_5
1088: Arzan_8
1089: Sunny4976_8 + 1
1090: GermyBearmy_9
1091: Marianna39_16 + 2
1092: Qui_16 + 3
1093: EvenBlueMoon_3 + 4
1094: Maja_2
1095: CocoCinnamon_5
1096: JanetJ_3
1097: NoSwimming_4 + 1
1098: Altostratus_2
1099: Khuang_2
1100: PaintedDog_2 + 4

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Trl51: Reindeer_12
Trl52: PegLeg_14 + 11
Trl53: Bricole_14 + 3
Trl54: Aziz_18 + 1
Trl55: Rey_18
Trl56: GardenSalsa_18 + 1
Trl57: Estes_19
Trl58: Nanosmile_18
Trl59: Wishmaker_5 + 19
Trl60: Evanesce_5 + 2
Trl61: NovoPizza_3
Trl62: Huphlepum_37 + 19
Trl63: Nairb_3 + 5
Trl64: Nette_3
Trl65: Mendokysei_2
Trl66: WorMMAs_2
Trl67: Stellamma_2
Trl68: Penoan_4
Trl69: PhaoMing_1
Trl70: MaryV_26 + 3
Trl71: Cosmo_26
Trl72: Hilltopfarm_9
Trl73: Typha_9 + 2
Trl74: Bipper_9
Trl75: Cracklewink_9
Trl76: Rem711_3
Trl77: 32HC_3
Trl78: Shambre1_3
Trl79: Min1_37
Trl80: Barebow_2
Trl81: TPA4_2
Trl82: Gudmit_3
Trl83: BFK20_ORF2
Trl84: GMA4_2
Trl85: Footloose_2
Trl86: Elener_3
Trl87: GAL1_4
Trl88: Gallia_20
Trl89: DS6A_5
Trl90: Kumao_13
Trl91: Juicebox_3
Trl92: Chymera_2
Trl93: ChewyVIII_38
Trl94: Ball_2
Trl95: Tallonex_9
Trl96: 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 330261 Report

This analysis was run 09/05/26 on database version 662.

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 330261 has 2699 members, 296 are drafts.

Phages represented in each track:
• Track 1 : Paraselene_10, Ringer_11, StewieG_10, Marsha_11, Smeagol_12, 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, PascalRango_10, Bircsak_11, Magnito_10, HermioneGrange_12, ConceptII_11, 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, Marcell_11, Marco3_11, BaconJack_13, DrFeelGood_10
• 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, Sibs6_13, PattyP_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, Iqorha_10, KikiBouba_13, CatBus_12, DirtDevil_12, GroundGoblin_12
• Track 13 : Fushigi_12, Marge_12, SpikeBT_13, Monet_13, GageAP_13
• Track 14 : Petruchio_11, Froghopper_12
• Track 15 : TheloniousMonk_13
• Track 16 : Marchy_10, Ajay_11, Snazzy_9, Payneful_11, Graduation_13, Bones_11, BarrowTuph_10, LunarLander_11
• Track 17 : Lockley_11, DD5_12
• Track 18 : A6_09, BK1_09, Papez_13
• Track 19 : Ichabod_12, Briton15_13
• Track 20 : Fajezeel_13, Greg_13
• Track 21 : Crispicous1_10, Doom_11, Watermelon_13, Ruotula_10, Lesedi_10, MrGordo_11

• Track 22 : EnzoK_12, Dexes_12, Altman_12, Traft412_13, Kanely_12, Wheeler_11, Solon_11, Gachnar_11, Sagefire_12
• Track 23 : Mkhuseli_12
• Track 24 : Perseus_12, Blackflame_11, Jasper_12, Moose_10, Turj99_10, ShortQueendom_11, Forsytheast_10, Dreamboat_12, SwissCheese_11
• Track 25 : McGuire_12, Dynamix_12
• Track 26 : Applejack_11, Sunshine924_10, Rhynn_11, ILeeKay_13
• Track 27 : STLscum_12
• Track 28 : Dulcie_10
• Track 29 : Slagathor_12, HarryOW_12
• Track 30 : QTRlifeCrisis_11
• Track 31 : Kenmech_14
• Track 32 : Smairt_12, PacerPaul_11, Gandalf20_12, KBG_12, Agaliana_11
• Track 33 : CactusRose_10, Fascinus_10, Bigfoot_10
• Track 34 : Gwendoluna_13
• Track 35 : Nerujay_12, Maroc7_10, Arlo_10, Puppet_11
• Track 36 : Lamina13_11
• Track 37 : Pepe_12, Arcanine_12, Rajelicia_11, Killigrew_9, Hope4ever_11, Parliament_10
• Track 38 : Squee_12
• Track 39 : Topgun_11, Teodoridan_9, SkiPole_13
• Track 40 : Rohr_12, Buttons_12
• Track 41 : Pelly_12
• Track 42 : GMonster_10, TwoPeat_12
• Track 43 : Magnar_11
• Track 44 : HanShotFirst_11, Homines_11
• Track 45 : Target_13, Kykar_9
• Track 46 : Whitspit_12
• Track 47 : BillKnuckles_12
• Track 48 : Gyzlar_13, Bruns_10, Treddle_13
• Track 49 : GrecoEtereo_12
• Track 50 : Rufus_12
• Track 51 : Ashballer_10
• Track 52 : IgnatiusPatJac_10, BluSpix_11
• Track 53 : Tripl3t_12
• Track 54 : Bxb1_10
• Track 55 : Seabiscuit_13
• Track 56 : Peterson_14
• Track 57 : JackSparrow_12
• Track 58 : MaryBeth_11, MetalQZJ_11, Corvo_11
• Track 59 : Seanderson_12, JC27_13, Trouble_11
• Track 60 : Barriga_11
• Track 61 : Wilkins_11
• Track 62 : Edtherson_12
• Track 63 : Niza_13
• Track 64 : NEHalo_11
• Track 65 : McSinger_12
• Track 66 : ProMouse_10
• Track 67 : Chanagan_10
• Track 68 : Sanya_11
• Track 69 : DreamCatcher_14
• Track 70 : Raid_11
• Track 71 : Blesser_11

• Track 72 : Pari_12
• Track 73 : Manatee_12
• Track 74 : Atkinbua_12
• Track 75 : Michley_11
• Track 76 : Cueylyss_11, Zeeculate_10
• Track 77 : Mryolo_10
• Track 78 : Blue_11
• Track 79 : Hami1_13
• Track 80 : PherrisBueller_12, Jorgensen_11
• Track 81 : Kugel_12
• Track 82 : Ciao_11
• Track 83 : Tasp14_12
• Track 84 : Inyanga_10
• Track 85 : Paphu_10
• Track 86 : Rutherferd_13
• Track 87 : Espresso_11
• Track 88 : PinkPlastic_10
• Track 89 : Norz_13
• Track 90 : Oogway_10
• Track 91 : Ohno789_10
• Track 92 : Eaglepride_12
• Track 93 : Drake94_10
• Track 94 : Chupacabra_11
• Track 95 : RhynO_12, Shapes_14, DustyMartin_14, Rowdy_14
• Track 96 : Rebeuca_12, Kristoff_12
• Track 97 : KittenMittens_10
• Track 98 : DontArgue_10
• Track 99 : Topanga_11, Edison31_11, WalterMcMickey_11, Twister_11
• Track 100 : Severus_10
• Track 101 : Poompha_10
• Track 102 : PeaceMeal1_10
• Track 103 : Goose_11, OKCentral2016_11
• Track 104 : Trike_9
• Track 105 : Salz_12, Mulciber_12, Snape_12
• Track 106 : Et2Brutus_11, Bachome_12, Petersenfast_12, Gilberta_12, Ebony_12, Bud_12, Munch_12, MaCh_12, Orange_12, Bowtie_12, Sham4_12, Joselito_12, Wolpertinger_11, TinyTimmy_12, Mabel_12, Aneem_12
• Track 107 : Timothy_12, Hutc2_12, Fibonacci_12
• Track 108 : Saskia_12
• Track 109 : Kimba_12, Lucivia_12, Jabith_12, Flaverint_12, Insomnia_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, Warrior24_14, Soups_14, Boohoo_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, DekHockey33_14, Ravana_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, Naji_15, Travvers_15, DBQu4n_15, StarStuff_15, Kerberos_15, D29_13, Duplo_15
• Track 132 : GaugeLDP_14, BabyBack_14
• Track 133 : Malec_13
• Track 134 : Miko_15
• Track 135 : BiancaTri92_14, Leogania_14
• Track 136 : Landor_13, Bactobuster_13, Tristan_13, Jaan_15, IronMan_14, Phaded_15
• 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 : Crucio_12, QueenBeesly_12, Georgie2_13, Retro23_12, Dalmatian_12, FiringLine_12, SemperFi_14, DudeLittle_12, SnapTap_12
• Track 153 : Jsquared_11
• Track 154 : AN3_12
• Track 155 : Che12_13
• Track 156 : TipsytheTRex_11
• Track 157 : Whabigail7_14, Jerm_14, Bugsy_14, Leviathan_14, LilTurb_14, Turbido_14, Dignity_14, AbbyPaige_14, Agape74_14
• Track 158 : EZMoney23_16
• Track 159 : Fameo_12, QueenB2_12, Heffalump_14
• Track 160 : NicoleTera_16
• Track 161 : Smeagan_14
• Track 162 : Echild_12, Benvolio_12
• Track 163 : MissWhite_12, Journey13_10
• Track 164 : RedRock_15
• Track 165 : Sknot_12
• Track 166 : Loser_15
• Track 167 : WeiHuaDA_18, Trixie_15
• Track 168 : Kalpine_15

• Track 169 : HippoHollow_13
• Track 170 : ArcherNM_14
• Track 171 : MiculUcigas_12
• Track 172 : Anselm_12
• Track 173 : Trooper_12
• Track 174 : Herbertwm_10
• Track 175 : NaSiaTalie_12
• Track 176 : VA6_12
• Track 177 : KingCyrus_14
• Track 178 : LionsBait_13
• Track 179 : XianYue_12
• Track 180 : Pukovnik_14
• Track 181 : BengiVuitton_13
• Track 182 : Centaur_14
• Track 183 : Lokk_15, BobSwaget_15
• Track 184 : DeerParkTS_13
• Track 185 : Acolyte_12
• Track 186 : Odin_11
• Track 187 : Larenn_13
• Track 188 : EvilGenius_14, ChipMunk_14
• Track 189 : Caraxes_11, Superchunk_11
• Track 190 : CRB1_12
• Track 191 : Power_12
• Track 192 : ForesterFrank_13
• Track 193 : SweetiePie_12
• Track 194 : Deloris_13
• Track 195 : Iwokeuplikedis_12
• Track 196 : Pomar16_15
• Track 197 : Ph8s_13, Adzzy_13
• Track 198 : Terrific_16
• Track 199 : LadyBird_12
• Track 200 : NothingSpecial_14
• 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, EtoileNova_12, Norbert_11, Margo_12, Popcicle_12, ResDef_12, Pocahontas_12, Todacoro_12, Lambert1_12, Hookmount_12
• Track 206 : Lowa_13, Malinsilva_15, SoYo_13, StepMih_13, Grub_13, KADY_14, Misomonster_15, Dieselweasel_13, MuchMore_15, Phoebe_13, LBerry_13, Tiffany_13, MarQuardt_13, Jobu08_13, Sabia_13, Hercules11_13, LarryKay_13, P28Green_13, TinyPebbles_13, HashRod_14, Croquant_14, Colbster_13, Grum1_13, Grif_13, Beauxregard13_13, Pembroke_13, Stagni_13, Mainiac_13, Wooldri_15, Rummer_13, Bxz2_13, PGHhamlin_15, Ollie_13, PotatoSplit_14, Farber_13, Microwolf_13, AgronaGT15_13, JHC117_13, GtownJaz_13, Penny1_13, EpicPhail_13, Montavir_12, Phoxy_13, Aglet_13, Watson_13, Lilith_13, Spike509_13, Snickers_13, SoilDragon_13, BuzzBuzz_12, Methuselah_13, Sabinator_13, Gwennie_13, MadMarie_13, BreSam8_13, DaHudson_13, Soshari_15, AugsMagnumOpus_15
• Track 207 : Heliosoles_13, HaveUMetTed_14, Manu_14, Pawn_13, Groupthink_14, Calvinny_13, OlanP_13, Kalb97_14, PhishRPhriends_12, Gemma_13, PurpleHaze_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, TNguyen7_11, Puppy_12, Idleandcovert_11, Clammy_11, Pistachio_12, SaturnRing_11, BlueBird_12
• Track 212 : Goose1X_11, Goose1D_11, Scout_11, Fred313_11, Shep_11
• Track 213 : Zetzy_12
• Track 214 : BabyJohn_10, Chiqui_10
• Track 215 : Phranny_14, ClownCar_13, Reba_14
• Track 216 : MA5_11
• Track 217 : HelDan_11
• Track 218 : Louie6_13
• Track 219 : JF4_11, JF2_11, B1_09, MK4_11
• Track 220 : Phantastic_11
• Track 221 : Cat_9
• Track 222 : JeppNRM_14
• Track 223 : GingkoMaracino_13, Anubis_15
• Track 224 : BabyRay_11
• Track 225 : Roimos_11
• Track 226 : Vix_13
• Track 227 : DropBear_11, Marchesa_11
• Track 228 : Isca_11
• Track 229 : Daishi_12
• Track 230 : Rockstar_11
• Track 231 : BubbleTrouble_11, Buckaroo_10, Northrop_11, Mayonnaise_11, Ulysses_10, Chaph_11, Annyong_11, Citius_11, MeeZee_11, ICleared_11, Sultana_11, Bartimeaus_11, Burger_10, SteMason_11, Flux_11, JoongJeon_11, TygerBlood_11, Wilbur_11, Sabertooth_11, Thanksgivukkah_11, LappelDuVide_11, Bruiser_11, Scamp_11, Baby16_11, Romney_11, Cocoaberry_11, Maverick_11, NorthStar_11, SenorClean_11, Funston_11, Deano_11, Florean_11, Dhanush_11, Eros_11, Clarenza_11, Sparxx_11, Skadoosh_11, Koreni_10, Ruin_11, PeterPeter_11, Mazhar510_11, Tinybot_10, Maxo_11, Pipcraft_11, Broseidon_11, Druantia_11, Kratark_11, RockieBear_10, Kampy_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, Relief_11, CentreCat_11, TinaFeyge_11, Jaykayelowell_11, Phighter1804_11, Wander_11, DirtyDunning_11, TroyPia_11, Huxley_11, Taquarus_11, Commander_11, Happiness_11, Palestino_11, Iceman_11, Rocksand_11, Medusa_11, Pumbaa_11, Iracema64_11, Albee_11, Houdini22_11, Junimo_10, TiroTheta9_11, Eapen_11, Bombshell_11, Avle17_11, Holli_11, Kingmustik0402_11, Caelakin_11
• Track 232 : Noelle_11
• Track 233 : Miramae_11
• Track 234 : Koan_11, Kyee_11, Lemur_11, Lunsford_12
• Track 235 : Nebs_11, BellusTerra_11, YoSam321_11, Ohfah_11, Eurydice_11, Polymorphads_11
• Track 236 : Datway_11, Cici_11, Xena_11, Backyardigan_11, Wile_11, Badger_11, Bumblebee11_11, Achebe_11
• Track 237 : PetiteSangsue_11
• Track 238 : Katalie136_11
• Track 239 : Stasia_12

• Track 240 : SheldonCooper_11, Rosa24_10, BangNhom_10, Cerulean_11, Eagle_10, ChampagnePapi_11
• Track 241 : Nyxis_11
• Track 242 : Skipitt_11
• Track 243 : Shygu2_11
• Track 244 : LittleB_11
• Track 245 : Arturo_10
• Track 246 : Camperdownii_10
• Track 247 : AbbysRanger_11
• Track 248 : Nemo27_11
• Track 249 : Kremtemulon_11
• Track 250 : Obama12_11, LHTSCC_11
• Track 251 : LittleGuy_11, Phontbonne_11
• Track 252 : OKaNui_11
• Track 253 : Stink_11, AvatarAhPeg_11
• Track 254 : Mundrea_11
• Track 255 : Cindaradix_10
• Track 256 : Perplexer_11, Morpher26_11
• Track 257 : LeoAvram_11
• Track 258 : Morrow_11
• Track 259 : LochMonster_11
• Track 260 : Cintron_11
• Track 261 : Millski_11
• 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, PickleBack_9, Phlorence_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 : Prinashe11_10, Micasa_9
• Track 277 : Bluefalcon_8
• Track 278 : Ghoulboy_9
• Track 279 : Tarynearal_8
• Track 280 : SydNat_9, Zolita_8
• Track 281 : ElTiger69_9
• Track 282 : Jovo_9
• Track 283 : Aragog_9
• Track 284 : Benedict_9, PetterN_10
• Track 285 : Bonamassa_9
• Track 286 : MarysWell_8
• Track 287 : DelvinSonDorr_14, SuperCallie99_15, BABullseye_15, EricB_15
• Track 288 : Priamo_15, SmellyB_15, Dorothea_15, Chartreuse_15, DaVinci_15, Blinn1_15, Kazan_15, VohminGhazi_15, Candra_15, Jeffabunny_15, Kipper29_15, McFly_15, JewelBug_15, Imbriano_14, Hoot_15, BennyP_15, CloudWang3_15,

GreedyLawyer_15
• Track 289 : Hammer_15, ToneTone_14, Artemis2UCLA_15, Temprado_15, Lilbunny_15, Koko_15, Blue7_15, Roksolana_15, Indra_15, BlessJoy_15, Wiks_15, Yokurt_15, WunderPhul_15, Hexamo_15, Zaka_15, Tucker_15, Helmet_15, Zulu_15, Garak_16
• Track 290 : Neeharika16_15, Cookiedough_15, Pmask_15, Jordennis_15, Newrala_15, Polyphemus_15
• Track 291 : Rifter_15, Gladiator_15, Gruunaga_15
• Track 292 : SuperAwesome_15
• Track 293 : Isiphiwo_15
• Track 294 : PP_21
• Track 295 : HINdeR_11
• Track 296 : Timshel_12
• Track 297 : Sheen_13, FlyCatcher_15, Toro_14
• Track 298 : DroogsArmy_12
• Track 299 : Smeadley_9, Roary_9, Dixon_9
• Track 300 : Astro_9, Caitlin_9, Stephig9_9, Expelliarmus_8, Danforth_8, Groundhog_8
• Track 301 : Saintus_9
• Track 302 : NearlyHeadless_9
• Track 303 : Phillis_9
• Track 304 : Tubs_13, Aliter_13, Fayely_13, Eidsmoe_13, Priya_13, Myxus_13, HortumSL17_13, Alma_13, Ugenie5_10, Spouty_13, PackMan_13
• Track 305 : Arissanae_11
• Track 306 : BogosyJay_13
• Track 307 : Rahalelujah_11, WorldCup_10, Bellris_11, Minispark_10, CogOmlette_10
• Track 308 : Scherzo_13, Lilleskat_11, Phonnegut_13, Holex_12, Qobbit_13, RyeScarlet_14, Beemo_13, Hanray_12, EmyBug_13
• Track 309 : LoneWolf_13
• Track 310 : Darrell_14
• Track 311 : Toaka_11
• Track 312 : Onglai_12
• Track 313 : Vanisoa_11
• Track 314 : Pioneer_13, Conquerage_13, Catalina_13, ExplosioNervosa_13, Sachima_11, Phaeder_13, EdogawaKiddo_11, Ayanochan_13
• Track 315 : Klodlith_12, Charm_12, DreamTeam1_12
• Track 316 : MegTheThird_11
• Track 317 : Elephantoon_13
• Track 318 : Keziacharles14_11
• Track 319 : SheaKeira_12
• Track 320 : Celestialunch_11
• Track 321 : Maminiaina_13
• Track 322 : Yecey3_12
• Track 323 : Jiawan_12
• Track 324 : Salvus_6, LongHai_6
• Track 325 : 8UZL_5, FF47_05
• Track 326 : JacoRen57_2
• Track 327 : Muddy_5
• Track 328 : NoShow_2
• Track 329 : Maco6_3
• Track 330 : Farewell_2, Sparky_2
• Track 331 : Nergal_5

• Track 332 : MalagasyRose_7
• Track 333 : JustASigh_2
• Track 334 : Weirdo19_2
• Track 335 : Misaeng_5
• Track 336 : HunterDalle_2, Vulture_2
• Track 337 : Aledel_2, Riovina_2, Eunoia_2, OMalley_2
• Track 338 : ChewChew_2
• Track 339 : Maria1952_2, Herb_2, Temper16_2, KingBob_2, Sergei_2
• Track 340 : DrRobert_2
• Track 341 : Bodacious_2, CristinaYang_2, Nancia_2, Lasagna_2, LilStuart_2
• Track 342 : Huckleberry_2, HeadNerd_2
• Track 343 : DreamTeam_2, Preamble_2, Gisselle_2
• Track 344 : Greenhouse_5
• Track 345 : Makoto_2
• Track 346 : Fluke_5
• Track 347 : Oxynfrius_5
• Track 348 : Suppi_5, Wayne_5, Canowicakte_5
• Track 349 : WonderBoy_2
• Track 350 : MamaPearl_2, EstebanJulior_2
• Track 351 : Kittykat_2
• Track 352 : BrotherBLo_5, Kalizoi_5
• Track 353 : GreenHearts_5
• Track 354 : OurGirlNessie_2
• Track 355 : Jumboset_5
• Track 356 : Riverdale_5, Beethoven_5
• Track 357 : Nubia_5
• Track 358 : MrBoss_5
• Track 359 : Albanese_5
• Track 360 : Immaculata_5
• Track 361 : Savage2526_5
• Track 362 : Bennie_2
• 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 : Joann_5
• Track 369 : Litotes_5
• Track 370 : Urla_2
• Track 371 : Scuttle_5
• Track 372 : Pumancara_2, Supakev_2
• Track 373 : MrGloopy_5
• Track 374 : Moki_2
• Track 375 : PitaDog_2
• Track 376 : BigMack_2
• Track 377 : CallieOMalley_5
• Track 378 : AppleCider_5
• Track 379 : Christian_2
• Track 380 : Glenn_5, Wawa_5
• Track 381 : Chridison_2
• Track 382 : Vallejo_5
• Track 383 : Pterodactyl_2
• Track 384 : AustinPowers_2

• Track 385 : Graynor_5
• Track 386 : Lennox_2
• Track 387 : Lucy_2
• Track 388 : MeganNoll_5, RAP15_5
• Track 389 : Daiboju_2
• Track 390 : Rozby_5
• Track 391 : PinkFriday_2
• Track 392 : Benllo_7
• Track 393 : Mooshroom_8
• 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, Kardesai_7, Dynamite_8, NapoleonB_8, Tribby_8
• Track 398 : YoshiYama_7
• Track 399 : Stardom_7
• Track 400 : Hankly_7
• Track 401 : Elsa_8, Arcadia_8, Nason_8
• Track 402 : JEGGS_8
• Track 403 : BenitoAntonio_8
• Track 404 : Hunnie_4, Jessica_5, Copper_4, Courtney3_4, Guntur_4, Moloch_4, TymAbreu_4, Ronnie_4, Stratus_4, Mariposa_4, Sandman_4, LouisXIV_4, Chestnut_4, Maggie_4, TinoCrisci_4, Dewayne_4, CGermain_4, Azathoth_4, Massimo_4, Prospero_4, Inspire2_4, Arby_4
• Track 405 : Taj14_4
• Track 406 : Laila_5, KylieMac_5, Elkhorn_4, Saphira_4, StewieGriff_4, Blair_4, Swenson_4, Lore_4
• Track 407 : StrawberryLem_2, Kels_2
• Track 408 : Link_4, Sourignavong_5
• Track 409 : Vinye_5
• Track 410 : Decurro_4, Muttlie_4, Yank_4
• Track 411 : Seume_4, Toulouse_3
• Track 412 : ElectricPheel_5
• Track 413 : FirePit_2, Arielagos_2
• Track 414 : SerialPhiller_2
• Track 415 : Ximeno_2, Eyoseyas_2
• Track 416 : Abidatro_3
• Track 417 : Chickaboom_2, WileyE_2
• Track 418 : Niblet_3, Chicken_3, Zixiang_3
• Track 419 : Pelletreau_4, Westrich_4, Gravel_4
• Track 420 : Orcanus_3
• Track 421 : Basilisk_3
• Track 422 : KendraB23_4
• Track 423 : Ruchi_3
• Track 424 : Brynnie_3
• Track 425 : Vulpecula_3
• Track 426 : Eesa_3
• Track 427 : TaylorSipht_3
• Track 428 : Toad24_4
• Track 429 : Shen_4, Amanises_4
• Track 430 : Jamun_3
• Track 431 : Galaxy_3
• Track 432 : Amelia_4, Damocles_4, Bedetta_4, Pineda_4, Cote_4, Jerole_4, BadWillHunting_4

• Track 433 : Cygnet_3
• Track 434 : OtsoOtso_3
• Track 435 : Melons_4, Lunar_4
• Track 436 : Colusalem_3
• Track 437 : GramZayde_3
• Track 438 : Kepler_3
• Track 439 : Daob_4
• Track 440 : Antrice_3
• Track 441 : Coral_3
• Track 442 : PhirstandPhine_4
• Track 443 : Kuleana_3
• Track 444 : Bibble12_4, HannahPhantana_4
• Track 445 : LittleTokyo_3
• Track 446 : Zhuangyuan_4
• Track 447 : Polka_3
• Track 448 : Amphitrite_2
• Track 449 : Babushka_2
• Track 450 : Oppalora_2, AdoptaAdorbs_2, PhluffyCoco_2, AmiCi24_2, DanHam62_2, RedFox_2, Camara_2, Glotell_2
• Track 451 : Laphuphu24k_2
• Track 452 : Azaz_2, Leona_2, Rattail_2
• Track 453 : Juno112_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 : Renna12_3
• Track 461 : CastorTray_8
• Track 462 : LucySwiss_7, Issa_7
• Track 463 : Brunswick_7
• Track 464 : ScienceWizSam_8
• Track 465 : DevitoJr_7, Darby_7, Nivinsha_7, Breylor17_7, Nightmare_7, AreFloNak_7
• Track 466 : Dinallo_8, CapnMurica_7, MiniBagel_7, Tenno_8
• Track 467 : Niktson_6, ElephantMan_6
• Track 468 : Gordon_7
• Track 469 : Westerlin_7
• Track 470 : Hemma_8
• Track 471 : Teacup_7
• Track 472 : Synepsis_6, Tatanka_6
• Track 473 : Acai_7
• Track 474 : Trustiboi_7
• Track 475 : Tokki_7, Shepard_7, Giantsbane_7
• Track 476 : Bouchard_7, Chlochlo_7, Tipton_7
• Track 477 : Phaby_7
• Track 478 : LilHuddy_7
• Track 479 : Loretta_7, Ingrid_7
• Track 480 : Anandi_8
• Track 481 : Caterpillar_8, MediumFry_8
• Track 482 : Makai_7
• Track 483 : Truckee_7

• Track 484 : Uzumaki_8, PoeMe_8, Tenney120_8, GantcherGoblin_7
• Track 485 : Kinny_8, Muglass_7, Lewando_8, Biscute_7, Renaldo_9, BarbieDoll_8, Barbonzobean_7
• Track 486 : Mardi_9, Argan_7, KevinMinion_7, Stardrop_8, Navi1117_8
• Track 487 : Leathea_8
• Track 488 : BlackHoleSun_9
• Track 489 : TrixiePhattel_8
• Track 490 : Phaila_8, Zeina_8
• Track 491 : Altjira_7
• Track 492 : Inked_8
• Track 493 : Zippen_8
• Track 494 : Egad_8, ProfFrink_8, StarLord_8, Spain_7, Shiba_8, Djungelskog_8, Raunak_8, MrAaronian_8
• Track 495 : Boog_8, HerbBucket_7
• Track 496 : Linda_8, Salk_8, Jeremy4pt0_8
• Track 497 : Stayer_8, BronxBay_8, Sloopyjoe_8, Michelle_8
• Track 498 : RustyBoy_7, Natasha_7
• Track 499 : Powelldog_7
• Track 500 : Onestar_7
• Track 501 : DoctorPepper_8
• Track 502 : Sporto_7
• Track 503 : Sprinkle_7
• Track 504 : MooKitty_3
• Track 505 : Atraxa_3, Sputnik_3
• Track 506 : Adaia_3
• Track 507 : Michkear_5
• Track 508 : ThursdayNight_2
• Track 509 : Lizalica_2
• Track 510 : Eraser_2, Niobe_2, Asa16_2, London_2, Jstan_2
• Track 511 : Pixelle_2
• Track 512 : ObiToo_2
• Track 513 : Berrie_2
• Track 514 : Nitro_2
• Track 515 : KeAlii_2
• Track 516 : Tallboi_2
• Track 517 : Mudpuppy_2, JohnDoe_2, Tbone_2, Warda_2
• Track 518 : Reedo_2
• Track 519 : Kaylissa_2, Tutumahutu_2, Powerpuff_2, Cyan_2, YesChef_2
• Track 520 : Sue2_2
• Track 521 : Subaru_2, Elezi_2, Skelbel_2
• Track 522 : Joemato_2, Flutur_2, Simpson_2
• Track 523 : DrSierra_2
• Track 524 : Pumpkins_2
• Track 525 : JuneStar_2, Yang_2
• Track 526 : MissSwiss_2, PandaPo_2
• Track 527 : AGrandiflora_2
• Track 528 : DrManhattan_2, Adolin_2
• Track 529 : IttyBittyPiggy_2
• Track 530 : Iter_2, Ascela_2
• Track 531 : Janeemi_3
• Track 532 : Tian_2, Amyev_2
• Track 533 : Turab_2, Amploria_2
• Track 534 : Tuck_3, Phives_3, Community_3

• Track 535 : Adumb2043_2
• Track 536 : VResidence_2
• Track 537 : Cassia_2
• Track 538 : Wildwest_3
• Track 539 : Crewmate_3
• Track 540 : TforTroy_2
• Track 541 : AEgle_2
• Track 542 : Lego_2
• Track 543 : Schaffner_2
• Track 544 : MaGuCo_2
• Track 545 : IUFootball_2, Maureen_2, Liebe_2
• Track 546 : Tweety19_3, Snek_3
• Track 547 : JohnThicc_2, LadyAstra_2, FiveHead_2
• Track 548 : Emotion_2
• Track 549 : JasmineDragon_2, ShakeItOph_2
• Track 550 : MiniMommy_2
• Track 551 : Origami_2
• Track 552 : AceofSpades_2, VroomVroom_2
• Track 553 : Halsey_2, Moss_2, SpecialK_2, RockScotty_2
• Track 554 : Sabourin_2, Kalimba_2, Cappuccino_2, Gambol_2, Donkey_2, Sooty_2
• Track 555 : Ashes_2
• Track 556 : Mysterium_2, Beaupre_2, Gumpizza_2, Stuu_2
• Track 557 : Giorgio_2
• Track 558 : Soondubu_2
• Track 559 : Exile_2
• Track 560 : AinMach_2
• Track 561 : SPB78_2
• Track 562 : VWB_2
• Track 563 : Samora_2
• Track 564 : Vash_2
• Track 565 : phiBT1_33
• Track 566 : Euratis_2
• Track 567 : TG1_2
• Track 568 : Lilbooboo_2
• Track 569 : Shawty_2
• Track 570 : Sebastisaurus_2
• Track 571 : Heather_2
• Track 572 : RemusLoopin_2
• Track 573 : Nabi_6, Rana_6
• Track 574 : Eddasa_7, Izzy_7, BryanRecycles_7, Oliynyk_7
• Track 575 : Lorelei_6
• Track 576 : Asten_6, Dwayne_6, Chucky_6, SarahRose_6, OzzyJ_7, Snorlax_6, Werner_6, BarryBee_8, Whatever_6, Hippo_6
• Track 577 : Bovely_6, Phettuccine_6, Aaronocolus_6, Legacy_6, Hydra_8, Nerdos_6, Indigo_6, Caliburn_6
• Track 578 : Unstoppable_6, Leviticus_6, Ozzie_6, BeardedLady_7, Esperer_6, SunsetPointe_6
• Track 579 : Jash_7, Rusticus_7, EnochSoames_7
• Track 580 : Katalie_7, RedBear_8, South40_7
• Track 581 : Emaanora_8
• Track 582 : TagePhighter_7
• Track 583 : Lika_6, Godpower_7, Sujidade_7
• Track 584 : Ejemplo_6, Maneekul_6, TuanPN_6, Yasdnil_6

• Track 585 : Dattran_7, Goby_6
• Track 586 : Lannister_7
• Track 587 : Zemlya_7, Brataylor_7, Celeste_6, Danzina_7
• Track 588 : Nanodon_8
• Track 589 : Toma_6
• Track 590 : Triste_6
• Track 591 : Axiom_7
• Track 592 : TinaBelcher_6
• Track 593 : Amethyst_6
• Track 594 : Haizum_6
• Track 595 : Andris_6
• Track 596 : Puginator_8
• Track 597 : ELB20_05, R4_6
• Track 598 : Janus_7, GirlDinner_6, Animus_7
• Track 599 : Marav_9
• Track 600 : Zainub_8
• Track 601 : Pablito_6
• Track 602 : Jevington_8
• Track 603 : Daudau_6
• Track 604 : BartholomewSD_8, Alvy_8
• Track 605 : TrvxScott_5
• Track 606 : Nishikigoi_6
• Track 607 : Loofah_7, Paedore_6
• Track 608 : Caelum_7
• Track 609 : Superstar_8
• Track 610 : Tefunt_6
• Track 611 : SqueakyClean_7
• Track 612 : Hank144_7
• Track 613 : Issmi_7
• Track 614 : Paolo_8
• Track 615 : Thestral_7
• Track 616 : Bowden_7
• Track 617 : Diane_6
• Track 618 : Omar_7
• Track 619 : Kaine_6, Pavo_7, ElGato_7, Conan_7, Sudan_6
• Track 620 : Amela_6, Verse_6
• Track 621 : Jhitchelle_5
• Track 622 : Alsaber_7
• Track 623 : Verabelle_7
• Track 624 : Provolone_7
• Track 625 : SunkenRoot_6
• Track 626 : Dexers_5
• Track 627 : Saftant_6
• Track 628 : Yosif_7
• Track 629 : Vanseggelen_9
• Track 630 : ZamZam_6
• Track 631 : Speedwell_7
• Track 632 : Celery_8
• Track 633 : phiCAM_06
• Track 634 : Urza_6
• Track 635 : VieEnRose_6, Celia_6, Itza_6
• Track 636 : Indigenous_8, IceWarrior_8, Namo_8, TaidaOne_8, Spectropatronm_8, Jaylociraptor_8, TonyStarch_8, Rima_8, Hoshi_8, Maya_8

• Track 637 : Meibysrarus_8, Esketit_8
• Track 638 : GirlPower_7
• Track 639 : CherryBlossom_8
• Track 640 : Madamato_8
• Track 641 : Espio_7, Popy_7, HazuAndZazu_7, FrodoSwaggins_7, Soshi_7, DrGrey_7
• Track 642 : Hajile_8, Wigberry_7
• Track 643 : OlympicHelado_8
• Track 644 : FidgetOrca_8
• Track 645 : TieDye_7
• Track 646 : PherryCruz_6, RavenPuff_6
• Track 647 : Bilo_7
• Track 648 : Natsu_8
• Track 649 : Monse_7
• Track 650 : Sangak_7, Doxi13_7, GoblinVoyage_7
• Track 651 : Ditters_7
• Track 652 : Annihilus_7
• Track 653 : Moozy_7
• Track 654 : Scap1_7
• Track 655 : SheRa_7, HotFries_6
• Track 656 : RosaAsantewaa_7
• Track 657 : LibertyBell_7
• Track 658 : Regigigas_7, Rainydai_7
• Track 659 : Miek_7, FromIndy_7, SendItCS_7, CricKo_7, Thiqqums_7
• Track 660 : Bing_7
• Track 661 : Kardashian_7
• Track 662 : ClubPenguin_6
• Track 663 : AbbeyMikolon_2
• Track 664 : Nesbitt_2
• Track 665 : Rowa_2
• Track 666 : Success_50
• Track 667 : Spooks_49
• Track 668 : B3_3, Anatole_3, E1_3
• Track 669 : PFR2_02, PFR1_02
• Track 670 : Lillie_8, Swann_8, CosmicSans_8, Bradshaw_8, Phrankenstein_8, TWAMP_8, Rhodalysa_8
• Track 671 : Belenaria_8, Naiad_8, Natosaleda_8, StCroix_8, UhSalsa_8, Espica_8, Krishelle_8, Nancinator_8, Alatin_8
• Track 672 : Partridge_8, Dinger_8
• Track 673 : PhailMary_7
• Track 674 : Bryce_8, Yoncess_8, Bonanza_8, Yogi_8, Hiro_8
• Track 675 : Harlequin_8, Jester_8
• Track 676 : Erik_8, Shuman_8, Rasputin_8, Gollum_8, RexFury_8
• Track 677 : AppleCloud_6
• Track 678 : AngryOrchard_7, Takoda_8
• Track 679 : RER2_1
• Track 680 : BobbyDazzler_8
• Track 681 : Alpacados_7
• Track 682 : PerroGrande22_14, Poco6_016
• Track 683 : Pepy6_014
• Track 684 : Mahdia_2
• Track 685 : Morrissey_2
• Track 686 : Applejacks_2

• Track 687 : Gustav_2
• Track 688 : Trine_2
• Track 689 : Puppers_2, Widow_2
• Track 690 : Upyo_2
• Track 691 : Flapper_28
• Track 692 : Turuncu_28
• Track 693 : GTE5_terL
• Track 694 : GRU1_terL
• Track 695 : Dalilpop_29
• Track 696 : SuperSulley_25, Bonum_27, Buggaboo_25
• Track 697 : MerCougar_25
• Track 698 : GrootJr_26, Phomeo_23, Kurt_24, Emianna_24, Foxboro_25, Wheezy_24, Tracker_24, Jifall16_23, NatB6_24, Arti_24, NovumRegina_24
• Track 699 : Kabluna_27, NosilaM_27
• Track 700 : Commandaria_26
• Track 701 : KidneyBean_24
• Track 702 : StarStruck_25, Outis_25
• Track 703 : GTE8_13
• Track 704 : Lollipop1437_29, Skysand_26, Patio_27, Ennea_30, Float294_26
• Track 705 : RedRaider_31
• Track 706 : IDyn_25, Pemberton_27
• Track 707 : BiPauneto_27, Sukkupi_26, Yndexa_26
• Track 708 : Marietta_26, NadineRae_24
• Track 709 : HubbaBubba_22
• Track 710 : WhoseManz_26
• Track 711 : Pleakley_33, Fury_33
• Track 712 : HomeFry_30
• Track 713 : Scuba_33
• Track 714 : Braxoaddie_28, Polyyuki_28
• Track 715 : Gagieri_28
• Track 716 : Apiary_28, Maselop_28, CoffeeBean_28
• Track 717 : MacGully_32
• Track 718 : Sopespian_4, Eliott_4, PsychoKiller_4
• Track 719 : RSchmailzl_5
• Track 720 : Azira_6
• Track 721 : Agatha_4
• Track 722 : Carsonalex_5
• Track 723 : Horseradish_5, MScarn_6, Yummy_5, Blondies_5
• Track 724 : RanchParmCat_7
• Track 725 : Quasar_4, Bubble_4, Nina_4
• Track 726 : Hexbug_5
• Track 727 : PotPie_4
• Track 728 : Survivors_6, Nibbles_6, MaVan_6, Wallaby_7
• Track 729 : Biskit_5, Buttrmlkdreams_4, Troje_4, SketchMex_3
• Track 730 : GiKK_7
• Track 731 : CocoaPuff_3, Balloona_3
• Track 732 : Lauer_3, Tarnish_4
• Track 733 : Amok_3
• Track 734 : Cozz_4, Burnsey_4, Starburst_5, ChickenTender_6, Axym_4
• Track 735 : MunkgeeRoachy_4
• Track 736 : Malvina_6
• Track 737 : SummitAcademy_3
• Track 738 : ElJefes_3

• Track 739 : GoldHunter_4, RedBaron_6, Socotra_5
• Track 740 : MAnor_4
• Track 741 : Nodigi_5
• Track 742 : Yakult_5
• Track 743 : Feastonyeet_3, BigChungus_3
• Track 744 : CherryonLim_5
• Track 745 : GTE2_02
• Track 746 : AndPeggy_3, Yarn_3
• Track 747 : KayGee_4, Bavilard_4
• Track 748 : Vine_5
• Track 749 : Yucky_4
• Track 750 : Tolls_6
• Track 751 : CaramelLatte_4, CanesSauce_4, ChocoMunchkin_4
• Track 752 : Elinal_5
• Track 753 : Wolfwood_6
• Track 754 : BillDoor_6
• Track 755 : SteamedHams_6
• Track 756 : Emalyn_3
• Track 757 : McDazzle_3
• Track 758 : SheckWes_3
• Track 759 : AikoCarson_3
• Track 760 : Mayweather_5
• Track 761 : Zareef_6
• Track 762 : Fribs8_5
• Track 763 : RADical_5
• Track 764 : Orla_5
• Track 765 : Button_5
• Track 766 : Margaret_7
• Track 767 : Jamzy_7
• Track 768 : Pons_4
• Track 769 : SweatNTears_6
• Track 770 : Typhonomachy_4
• Track 771 : Banquo_11, TinaLin_10
• Track 772 : Huffy_9, DinoDaryn_9
• Track 773 : Goib_8, Splinter_7, Vendetta_7
• Track 774 : TZGordon_9
• Track 775 : Gsput1_5
• Track 776 : Dardanus_9
• Track 777 : Schmidt_5
• Track 778 : Catfish_6
• Track 779 : Bradissa_2
• Track 780 : Confidence_2
• Track 781 : Angelique_2
• Track 782 : BritBrat_2, EnalisNailo_2, Marteena_2, EMsquaredA_2, Lilas_2, Floral_2, Pollux_2
• Track 783 : Jablanski_2, Pytheas_2
• Track 784 : Wrigley_2
• Track 785 : Posh_2
• Track 786 : BeeGee_2
• Track 787 : Cashline_2
• Track 788 : LonelyBoi_2
• Track 789 : Bunnybear_2
• Track 790 : Pepperoni_2

• Track 791 : Maridalia_2, Tayonia_2, Zameen_2, Neobush_2, Kita_2, Trumpet_2, Antonio_2, Suscepit_2, Polly_2, Dillpickles_2, Manasvini_2, Eudoria_2
• Track 792 : Herod_2, Hugley_2
• Track 793 : Nymphadora_2, BoyNamedSue_2, Zirinka_2, TimTam_2, Bosnia_2, BatStarr_2, SushiChef_2, Eviarto_2, AlumE_2
• Track 794 : Madavieve_2
• Track 795 : WelcomeAyanna_2, ThankyouJordi_2
• Track 796 : Agueybana_2
• Track 797 : Madeline_2
• Track 798 : Bialota_2
• Track 799 : Hyzer_2
• Track 800 : Mcklovin_3
• Track 801 : RavenCo17_2
• Track 802 : Ghobes_1
• Track 803 : Sapo_1
• Track 804 : Frizzle_1
• Track 805 : Archimedes_1
• Track 806 : OlgasClover_17, Tonaltzin_17
• Track 807 : MajinBuu_17
• Track 808 : ArtetaBall_17, Phepper_17, Untouchable_16, Crocheter_16
• Track 809 : Pherobrine_14
• Track 810 : Dialga_17
• Track 811 : Rickmore_16
• Track 812 : ChickyNuggy_14
• Track 813 : SweetCrkHerbs_15, Talon44_14
• Track 814 : Odesza_13, Gravy_13, Capybara_13, Roney_13, Magel_13, Kerry_13, NoPickles_13
• Track 815 : Conley_13
• Track 816 : Bugg_15, Captrips_13, JulesRay_13, Dancer_13, Artorias_13, FortCran_13, Football_14, Avazak_13, Trufflozitus_13
• Track 817 : Glintora_16, AlainaMarie_17, Nithya_17, Luthien_18, EndAve_17, Citrus_16, Chikenjars_17
• Track 818 : Mysticmoon_14
• Track 819 : BluerMoon_17, Jodelie19_17, TenaciousP_17
• Track 820 : Secretariat_13
• Track 821 : Runhaar_17, Nadmeg_17, Madvan_17, Burley_17, Vardy_17
• Track 822 : CWormy_17
• Track 823 : Arataki_14, Demure_14
• Track 824 : Fazel_14
• Track 825 : Zeph_16, Hydrus_16
• Track 826 : Figliar_17, Aflac_17
• Track 827 : Hortihabitatio_16
• Track 828 : Eddiemania_16
• Track 829 : PestoPenguin_17, Aloe25_17, Gusicorn_17, BetterYeti_17
• Track 830 : Duffington_17
• Track 831 : OhMyWard_17
• Track 832 : Kenosha_14
• Track 833 : Gill_13, Tanis_13
• Track 834 : Blanky_13
• Track 835 : Schwartz33_17
• Track 836 : Perkunas_15
• Track 837 : ShaggyRogers_17
• Track 838 : Mossy_14

• Track 839 : Tairn4Wing_15
• Track 840 : Petito_14
• Track 841 : MortyNRick_2, BearBQ_2
• Track 842 : Birdsong_2
• Track 843 : Apricot_2
• Track 844 : Crater_2
• Track 845 : Kuwabara_2
• Track 846 : Syleon_13, Sephiroth_13
• Track 847 : Kudefre_12
• Track 848 : Octobien14_13
• Track 849 : Trax_12, LilJank_12
• Track 850 : Neville_12
• Track 851 : Rabbitrun_14
• Track 852 : DearBasketball_2
• Track 853 : Tarzan_2
• Track 854 : Reyja_3, DinoNuggs_3
• Track 855 : Jojo24_2
• Track 856 : DonkeyMan_2
• Track 857 : Hibiscus_2
• Track 858 : Heinz_2
• Track 859 : Santhid_2
• Track 860 : Barbarian_8, Filch_9, Maxxinista_9, Dumbo_8, Holt_10, HanKaySha_9, Stark_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 861 : SirDuracell_8, BigBubba_8, ChotaBhai_8, Bask21_8
• Track 862 : Stank_10, NonchalantPear_8, Kimchi_10, Wiggin_10, Gemini_10, Highbury_9, Goldilocks_10, Adnama_10, Hoonter_10, Ptowny_8, Xandras_10, TBrady12_10, AmericanBeauty_10, Saints25_9, Argent26_10
• Track 863 : Teaspoon_8, Emmina_8, Porky_7
• Track 864 : Gage_10, GoldenSpark_10, GooberAzure_10, OrionPax_9, StolenFromERC_10, Cactus_10
• Track 865 : ChosenOne_7, Elite2014_7, Lilpickle_7
• Track 866 : Amao_9
• Track 867 : Pat3_8, Inca_8
• Track 868 : Budgie_10
• Track 869 : Lilac_10
• Track 870 : Phrux_8
• Track 871 : Bogg_9
• Track 872 : BAjuniper_3
• Track 873 : SansAfet_3, BubbaBear_3, CroZenni_3, Albedo_3, SirBeanington_3, PhigPhack_3, Lynlen_3, Kenzers_3
• Track 874 : Coltrane_2, Rollins_2, Skylord_2, Brahms_2, Bernstein_2
• Track 875 : BabyDaisy_4, Grist_3, IndyLu_3, Kate33_3
• Track 876 : Bachaco_3, FlameThrower_3
• Track 877 : Jabb_3, TukTuk_3, MsUbiquitous_3, CupcakePrincess_3, SarBear_3, Swervy_3
• Track 878 : Eula_3, Pecas_3, Jovita_3
• Track 879 : Didgeridoo_4
• Track 880 : Softsoap_3
• Track 881 : Shayna_2
• Track 882 : Cashington_3

• Track 883 : AylexOG_4
• Track 884 : Armstrong_2, Clayda5_2, Vitas_2
• Track 885 : Katzastrophic_3
• Track 886 : Quenya_4
• Track 887 : Doobus_3, LimaBean_3, Albright_3, Avocadoman_3, Burritobowl_3, Bengal_3, Abigail_3
• Track 888 : Finalfrontier_4
• Track 889 : Buldak_3
• Track 890 : Lilo27_3
• Track 891 : DirtyBubble_3, Stromboli_3, Stoor_3
• Track 892 : Johnathan_3
• Track 893 : AvGardian_3
• Track 894 : CliffHanger_4
• Track 895 : Eden_2
• Track 896 : PastaFagioli_3, Lahqtemish_3
• Track 897 : BabyYoda_3
• Track 898 : SanaSana_4
• Track 899 : Slay_3
• Track 900 : ChiliPepper_3
• Track 901 : Celaena_3
• Track 902 : Phisb_3
• Track 903 : Loviatar_3
• Track 904 : Olliecat_3, Squircle_3
• Track 905 : Rona_3, Sharkboy_3
• Track 906 : BelmontSKP_4, AnnaLie_4
• Track 907 : Nicky22_4
• Track 908 : Franklin22_2
• Track 909 : CanFranMach_3
• Track 910 : Milomuff_4, Solea_4
• Track 911 : Icarian_4
• Track 912 : Kamdara_3
• Track 913 : SunnyD_2, Teagster_2
• Track 914 : Elva_4
• Track 915 : WalkingDead_3
• Track 916 : QMacho_4, Arroyo_4
• Track 917 : DickRichards_3
• Track 918 : Akino08_3
• Track 919 : Kieran_3
• Track 920 : PondAmelia_4
• Track 921 : Dismas_3
• Track 922 : Gack_2
• Track 923 : Sachet_3, Vanisius_3, TimoTea_3, JaimeB_3, Astro16_3, Gardevoir_3, Marichuy_3, Sara_3, DaftyDuck_3, Danimal_3, Burgy_3, SantasSleigh_3, Pondwater_3, Chatham_3, Kojax4_3, Scamander_3, Horacetta_3, Maneater_3, BinkBonk_3, Minima_3, Octopus_3, Goulash_3, JoBros_3, Slentz_3, KyriosFaba_3, Rhysand_3, Alucard_3, Jahseh_3, GoldenBlanche_3, Myram_3, NeumannU_3, PaoPu_3, Jella_3, Godfather_3, Aries55_3, Otwor_3, Majesty_3, LaviMo_3, Ciel_3, Goobery_3, Eightball_3, Aztec_3, Gillker_3, Charbie_3, Picconator_3, Cheesecake_3, Avvas_3, Dooby_3, Jannah_3, Josuke_3, Sage7_3, HeadMave_3, Luxx_3, Erin_3, DirtPie_3, LionelHutz_3, Danno_3, BurtonThePup_3, SeaWolves_3, Dongwon_3, TeddyBoy_3, Rhogar_3, YertPhresh_3, Scrunchy_3, Tyrellus_3, Grayscar_3, LemonPepper_3, ManAs_3, RoscoWindex_3, MasterPitts_3, Zahlia_3, Yubaba_3, EdElric_3, Witch_3, BarBear_3, Owens_3

• Track 924 : Belthelas_3, Concrete_3
• Track 925 : Noelani_3, Nobel_3, JooneeDee_3, Slizam_3, Ekko14_3, Bintii_3, TomBrady12_3, Niffler_3, Stem_3, Trackstar_3, Elspeth_3, Lunatic_3, PuffyCat_3, TinyTruffula_3, HarperAnne_3, Miaurora_3, Bullzi2019_3, Clownery_3, Rira_3, Trireme_3, IzzyPants24_3
• Track 926 : Wolfpack_3, MelBee03_3, Livingwater_3, Kevanna_3, Sippinontea_3, KayPaulus_3, Douggie_3, Quaker_3, Bodhi17_3
• Track 927 : Abelaine_3, McShie_3, Leafy_3, BrokMonster_3, BoomRoasted_3, MrGreen_3, JRok_3
• Track 928 : Naby_3, BonaeVitae_3
• Track 929 : MirimarMandM_3, PoRanda_3, Upsilon_3
• Track 930 : Biscayne_3
• Track 931 : ELee24_3
• Track 932 : OdetoJoy_3, Madebyisha_3, Jerky_3, VitulaEligans_3
• Track 933 : MauiIvory_3, TlaliMex_3
• Track 934 : Lola20_3, Yasuo_3, Cayde6_3, Baine_3
• Track 935 : Loca_3
• Track 936 : Hulk_3
• Track 937 : Publix_3, Namsahir_3
• Track 938 : KillerTomato_3
• Track 939 : Azizam_3, Oaklynn_3
• Track 940 : Anseraureola_3
• Track 941 : Efeko_4
• Track 942 : Bri160_3
• Track 943 : Kaijohn_3
• Track 944 : Picnic_3, Puddles3_3, Duggle_3
• Track 945 : Yami_3, Cazares_3
• Track 946 : Hernandez44_3, Gabbspett_3
• Track 947 : Bradley2_3
• Track 948 : Snuffles_4
• Track 949 : Toxicola_3
• Track 950 : UtzChips_2, Barnstormer_2
• Track 951 : IAmGroot_2, GardenState_2
• Track 952 : SuMoo_2
• Track 953 : Honk_2
• Track 954 : Forester_2, Gretchen_2, SuperHands_2, Percival_2
• Track 955 : Mabodamaca_2
• Track 956 : Caron_2
• Track 957 : Cen1621_2
• Track 958 : Floof_2
• Track 959 : Zeta1847_2
• Track 960 : Damascus_10
• Track 961 : DizzyRudy_10
• Track 962 : Count_11
• Track 963 : Camille_10
• Track 964 : Mema_10
• Track 965 : Kimchi1738_12
• Track 966 : Stickynote_14
• Track 967 : PeteyPab_12, Zion_12, PotatoChip_12
• Track 968 : Cruella_12
• Track 969 : C3PO_12
• Track 970 : Darwin_15
• Track 971 : TouchMeNot_3, Colleen_3, Poushou_3, Arianna_3

• Track 972 : Lederberg_2, Troy_2, SamW_2
• Track 973 : StAB_2
• Track 974 : Adelaide_2
• Track 975 : Dina_2
• Track 976 : Stiles_2
• Track 977 : Bran_2
• Track 978 : Clank_2
• Track 979 : LunaBlu_2, NewHope4_2, Galactic_2
• Track 980 : Scottish_2, KingMidas_2, IbOuu_2, Deb65_2, OldBen_2, BlueCrab_2, Daenerys_2, Poenanya_2, Inventum_2, Doomphist_2, RedBird_2, RitaG_2, BodEinwohner17_2, JoeyJr_2, Spoonbill_2, Dorothy_2, Empress_2, Pacc40_2, Nimbo_2, DaddyRickover_2, Radiance_2, PHappiness_2, Sassafras_2, Geralt_2
• Track 981 : Rita_2, Phalconet_2, CaptainTrips_3, DotProduct_2, Krakatau_3, SG4_2, Phasih_2, PatoPoderoso_2, Ardmore_2, Jant_2, PopTart_2, Minnie_2, QuickMath_2, Emma_2, Ovechkin_2, Dante_2, MinionDave_3, Tweety_2, Sandalphon_2, Hamulus_2, SassyB_2
• Track 982 : Eish_2
• Track 983 : ByChance_2, Lizziana_2, SwagPigglett_2, ShowerHandel_2, Martik_2
• Track 984 : Wachhund_2
• Track 985 : Ibhubesi_2, Harley_2
• Track 986 : Saal_2, Brocalys_2, Gorge_2
• Track 987 : VRedHorse_2
• Track 988 : Wee_2, DeadP_2
• Track 989 : Doug_2, Philus_2, LilMoolah_2, Moonbeam_2, Eradicator_2
• Track 990 : Vivum_2, James_2, Polka14_2
• Track 991 : Grimmer_3
• Track 992 : Nivrat_2
• Track 993 : Phanphagia_2, Zizzle_2, Bipolar_2, Medindi_2, MadMen_2, Melissauren88_2, Aubs_2, Kenuha5_2, MilleniumForce_3, DillTech15_2, Chuckly_2, Bubbles123_2, KingJulian_2, Taj_2, SuperGrey_2, EleanorGeorge_2, Donkeykong_2, Karhdo_2, Shauna1_2, Fastidio_2, StAnnes_2, XFactor_2, Corium_2, Fruitloop_2, Batiatus_2, Whatsapiecost_2, ShroomBoi_2, Filuzino_2
• Track 994 : Violac_2
• Track 995 : Juniper1_2
• Track 996 : Modragons_2
• Track 997 : Hlubikazi_2, Mandlovu_2, Strokeseat_2
• Track 998 : Firehouse51_2, Akhila_3, Royals2015_2, MilanaBonita_3
• Track 999 : Chevrolet_2, ArcusAngelus_2
• Track 1000 : Mattes_2, Jennelsea_2
• Track 1001 : PhesterPhotato_2
• Track 1002 : Jarcob_2, ShiLan_2
• Track 1003 : Pippy_2, Priscilla_2, Clifton_2, Crumble_2, OlympiaSaint_2, LastJedi_2, Cabrinians_2, Koella_2, FreddyB_2, NormanBulbieJr_2
• Track 1004 : Latretium_2
• Track 1005 : EmiMonkey_2, Gandalph_2, GigiOuiOui_2, Mantra_2, PhlipPhlop_2
• Track 1006 : Zerg_2
• Track 1007 : Girr_2, Ruby_2, MisterCuddles_2, SiSi_2
• Track 1008 : Polo2Bam_2, SeaLumen_2, Enzomatic_2
• Track 1009 : Phatniss_2
• Track 1010 : Hades_2
• Track 1011 : Topiatin_4
• Track 1012 : Kersh_2
• Track 1013 : KristaRAM_3

• Track 1014 : Blexus_2
• Track 1015 : Mutaforma13_2
• Track 1016 : TDanisky_2, Sparkdehlily_2, DRBy19_2
• Track 1017 : DLane_2
• Track 1018 : Llama_2, Jinglebell_2, Nichirin_2, Ochi17_2
• Track 1019 : GUmbie_2, Veteran_2
• Track 1020 : Whouxphf_2
• Track 1021 : Estave1_2
• Track 1022 : Seabastian_2, AlpineSix_2, OfUltron_2
• Track 1023 : Florinda_2
• Track 1024 : PMC_2, Rockne_2
• Track 1025 : Ms6_2
• Track 1026 : Maravista_2
• Track 1027 : Guppsters_2
• Track 1028 : Fancypants_2
• Track 1029 : DoRead_2
• Track 1030 : Che8_2
• Track 1031 : Llij_2
• Track 1032 : BobaPhett_2
• Track 1033 : IMpilo_2
• Track 1034 : Mwanjiwa_2
• Track 1035 : Burwell21_2
• Track 1036 : Sabbb_2
• Track 1037 : Yorick_2
• Track 1038 : Spartacus_2, IrishSherpFalk_2, WillSterrel_2
• Track 1039 : Byougenkin_2
• Track 1040 : Leperchaun_2
• Track 1041 : Cheesepuff_2
• Track 1042 : Mahavrat_2
• Track 1043 : Renaud18_2, TChen_2, ThetaBob_2, LunaStella_2
• Track 1044 : Cornie_2
• Track 1045 : Toron_2
• Track 1046 : MulchSalad_2
• Track 1047 : Okabe_4, Nitzel_3
• Track 1048 : Constance_2, PeggyLeg03_2
• Track 1049 : Henrique_2
• Track 1050 : LilyBell_2
• Track 1051 : GlobiWarming_2
• Track 1052 : Karkharias_2
• Track 1053 : NikkiHotWheels_2
• Track 1054 : Eileen_2, Peas_2
• Track 1055 : Judy_2
• Track 1056 : Bridgette_2
• Track 1057 : NidoQ_2
• Track 1058 : LittleRon_2, KayMoney_2
• Track 1059 : RootBeer_2
• Track 1060 : ChuckDuck_2
• Track 1061 : Pucara_2
• Track 1062 : FosterFrank_2
• Track 1063 : HotPotato_2
• Track 1064 : Donatella_5
• Track 1065 : Nandita_6, Guinevere_6
• Track 1066 : Schism_6

• Track 1067 : Julie_6
• Track 1068 : Ichiang_4
• Track 1069 : Yonex_6
• Track 1070 : Halloweekend_4
• Track 1071 : ToastyOats_7
• Track 1072 : Popper_4
• Track 1073 : Lenoxika_6
• Track 1074 : Cole_4
• Track 1075 : AllBusiness_5
• Track 1076 : Elesar_5
• Track 1077 : Kihatsu_7
• Track 1078 : Ryan_6
• Track 1079 : QuinnAvery_6, BigSherm_6
• Track 1080 : Gusanita_4
• Track 1081 : IsHungry_6
• Track 1082 : Dirtdigger_5
• Track 1083 : MillySue_6
• Track 1084 : GoodLuckBabe_6
• Track 1085 : Saintcarr_5
• Track 1086 : Zaheer_6
• Track 1087 : Toodles_5
• Track 1088 : Arzan_8
• Track 1089 : Sunny4976_8, Jazzy4900_9
• Track 1090 : GermyBearimy_9
• Track 1091 : Marianna39_16, Gandionco_15, Kureo_17
• Track 1092 : Qui_16, JeNeSaisPas_15, Elver_16, Paella_16
• Track 1093 : EvenBluerMoon_3, Hereford_4, Aoka_3, PrairieDogTown_3, Morrey_4
• Track 1094 : Maja_2
• Track 1095 : CocoCinnamon_5
• Track 1096 : JanetJ_3
• Track 1097 : NoSwimming_4, Scotia_4
• Track 1098 : Altostratus_2
• Track 1099 : Khuang_2
• Track 1100 : PaintedDog_2, HC_02, Xula_2, Babsiella_2, Bluvara_2
• Track 1101 : QueenHazel_2
• Track 1102 : Brujita_2, Island3_2
• Track 1103 : Eevee_12, JoyLin_12
• Track 1104 : Serenabean_12
• Track 1105 : Pippin15_11
• Track 1106 : Sweetclover_13
• Track 1107 : Yotsuba_12
• Track 1108 : Daddyjeff_12
• Track 1109 : AddiRose_12
• Track 1110 : Root_4
• Track 1111 : LeBron_4
• Track 1112 : OhShagHennessy_4
• Track 1113 : Zaria_4, AvadaKedavra_4, Wamburgrxpress_4, Acquire49_4, Silverleaf_4, Wyatt2_4, Tyson_4, Rose5_4
• Track 1114 : Halena_4, DirkDirk_4, Appletree2_4, MAckerman_4, Enceladus_4
• Track 1115 : CicholasNage_4, JoeDirt_4, Calm_4, UPIE_4, Poochiewood_4
• Track 1116 : BobsGarage_4, Miley16_4, Gabriela_4, Winky_4, BigCheese_4, Breezona_4, Lynnae_4, SoJulia_4, Faith1_4, Hiraya_4, Itos_4, LilDestine_4, Netyap_4, DrSeegs_4

• Track 1117 : DHan_4
• Track 1118 : Gardann_4, Vetrix_4, OverPar_4, ChengKai98_4, Sarshaun_4, Loadrie_4, MkaliMitinis3_4, Finemlucis_4, Wigglewiggle_4, Nicholasp3_4, Underpass_4, Kahlid_4, Soap141_4, Hafay_4, Wilder_4, Crossroads_4
• Track 1119 : Rumpelstiltskin_4
• Track 1120 : Bazzle_4
• Track 1121 : ZhongYanYuan_3, Baoshan_3
• Track 1122 : Lewan_4
• Track 1123 : Archie_4
• Track 1124 : Molivier_4
• Track 1125 : Rossetti_4
• Track 1126 : Tourach_4
• Track 1127 : DanBing_3
• Track 1128 : GuuelaD_4
• Track 1129 : Zakai_4
• Track 1130 : Claus_4
• Track 1131 : MiniLon_5, Lolly9_5
• Track 1132 : Red305_5, Jobypre_5, Jubie_5, MsGreen_5, Nicholas_5, Kingsolomon_5, Snenia_5, TriFive_5, Clautastrophe_5, Lumos_5
• Track 1133 : Moostard_5, Bellis_5, Samty_5, Finnry_5
• Track 1134 : LiyuLake_5
• Track 1135 : KirDoubleO7_3
• Track 1136 : Ellson_5
• Track 1137 : MiniMac_5
• Track 1138 : Krypton555_5
• Track 1139 : BourbonZero_4
• Track 1140 : DuncansLeg_5
• Track 1141 : Whirlwind_6
• Track 1142 : Quby_4, Douge_4
• Track 1143 : Douzhi_4, Sheng711_4, BrainDrainer_4, PYPDinur_4
• Track 1144 : Kropertea_4
• Track 1145 : ChutneyChips_4
• Track 1146 : Chaser_4
• Track 1147 : DyoEdafos_5
• Track 1148 : FarmResident_4
• Track 1149 : Bromden_4
• Track 1150 : RoseMarie_14
• Track 1151 : Reindeer_12
• Track 1152 : PegLeg_14, Auspice_14, Dulcita_15, Diminimus_15, Glaske16_15, TyDawg_14, TpudiCK_15, FreakyGoo_15, LilhomieP_13, Izel_15, Bongo_14, IPhane7_14
• Track 1153 : Bricole_14, KleverKiS_14, Skinny_15, SlimJimmy_13
• Track 1154 : Aziz_18, GenevaB15_18
• Track 1155 : Rey_18
• Track 1156 : GardenSalsa_18, MrMagoo_18
• Track 1157 : Estes_19
• Track 1158 : Nanosmite_18
• Track 1159 : Wishmaker_5, OBUpride_5, Ein37_5, Luna22_5, Dewey_5, Forge_5, Gravaillia_5, HH92_5, Kinbote_5, DeepSoil15_5, LilHazelnut_5, Webster2_5, Daegal_6, Amymech_5, Gancho_4, Hail_5, Ubuntu_5, BloominB_5, Giles_5, Amochick_5
• Track 1160 : Evanesce_5, Luke_5, Hadrien_5
• Track 1161 : NovoPizza_3

• Track 1162 : 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_34, Corazon_33, GoongGoong_34, VasuNzinga_35, Tesla_34, Clarkson_36
• Track 1163 : Nairb_3, RonRayGun_3, ZenTime222_3, Whitty_3, Ibrahim_3, Bernal13_3
• Track 1164 : Nette_3
• Track 1165 : Mendokysei_2
• Track 1166 : WorMMAs_2
• Track 1167 : Stellammi_2
• Track 1168 : Penoan_4
• Track 1169 : PhaoMing_1
• Track 1170 : MaryV_26, EniyanLRS_23, Wildcat_26, Azrael100_25
• Track 1171 : Cosmo_26
• Track 1172 : Hilltopfarm_9
• Track 1173 : Typha_9, Faiyaz_9, AuntGwenStacy_9
• Track 1174 : Bipper_9
• Track 1175 : Cracklewink_9
• Track 1176 : Rem711_3
• Track 1177 : 32HC_3
• Track 1178 : Shambre1_3
• Track 1179 : Min1_37
• Track 1180 : Barebow_2
• Track 1181 : TPA4_2
• Track 1182 : Gudmit_3
• Track 1183 : BFK20_ORF2
• Track 1184 : GMA4_2
• Track 1185 : Footloose_2
• Track 1186 : Elener_3
• Track 1187 : GAL1_4
• Track 1188 : Gallia_20
• Track 1189 : DS6A_5
• Track 1190 : Kumao_13
• Track 1191 : Juicebox_3
• Track 1192 : Chymera_2
• Track 1193 : ChewyVIII_38
• Track 1194 : Ball_2
• Track 1195 : Tailonex_9
• Track 1196 : 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 95, it was called in 435 of the 2403 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• A6_09, AEgle_2, AFIS_11, AGrandiflora_2, AbbysRanger_11, Abbyshoes_12, Abdiel_11, Abrogate_120, Achebe_11, Adahisdi_12, Adumb2043_2, Aeneas_13, Agaliana_11, AinMach_2, Ajay_11, Albee_11, Alberto7_12, Aldrich_12, Alsfro_15, Altman_12, Alvin_12, Amploria_2, Amyev_2, Annyong_11, Applejack_11,

Arcanine_12, Arlo_10, Arturo_10, Asa16_2, Ascela_2, 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, Berrie_2, BigPaolini_12, Bigchungi_11, Bigfoot_10, BillKnuckles_12, Bircsak_11, Blackflame_11, Blackmoor_11, Blesser_11, BluSpix_11, BlueBird_12, Blue_11, Bob3_10, Bombshell_11, Bones_11, Briton15_13, Broseidon_11, Bruiser_11, BubbleTrouble_11, Buckaroo_10, Bugatti_11, Bumblebee11_11, Burger_10, Buttons_12, Bxb1_10, CactusRose_10, Caelakin_11, Camperdownii_10, Carlyle_13, Cassia_2, CatBus_12, Cat_9, 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, Community_3, ConceptII_11, Connomayer_11, Corvo_11, Crewmate_3, Crispicous1_10, Cueylyss_11, Cyan_2, DD5_12, Datway_11, Deano_11, Dexes_12, Dhanush_11, DirtDevil_12, DirtyDunning_11, DontArgue_10, Doom_11, DrFeelGood_10, DrSierra_2, 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, Elezi_2, EnzoK_12, Eraser_2, Eris_11, Eros_11, Espresso_11, EtoileNova_12, Euphoria_11, Eurydice_11, Exile_2, Eyeball_11, Fascinus_10, Florean_11, Flutur_2, Flux_11, FlyCatcher_15, Forsytheast_10, Francis47_11, Fred313_11, Froghopper_12, Funston_11, GMonster_10, Gachnar_11, Gadost_11, Gandalf20_12, Giroux_12, Gompeii16_11, Goose1D_11, Goose1X_11, Goose_11, Graduation_13, GrecoEtereo_12, GroundGoblin_12, Gwendoluna_13, HINdeR_11, 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, IUFootball_2, Iceman_11, Ichabod_12, Idleandcovert_11, IgnatiusPatJac_10, Inyanga_10, Iqorha_10, Iracema64_11, Isca_11, Iter_2, IttyBittyPiggy_2, JC27_13, JF2_11, JF4_11, JackSparrow_12, Janeemi_3, Jasper_12, Jaykayelowell_11, JetBlade_11, Joemato_2, JohnDoe_2, JoongJeon_11, Jorgensen_11, Jstan_2, JuliaChild_13, JuneStar_2, Junimo_10, KBG_12, KFPoly_11, KSSJEB_11, Kachowdy_11, Kampy_11, Kanely_12, Katalie136_11, Kaylissa_2, KekoraPapaka_10, KikiBouba_13, Killigrew_9, Kimona_8, 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, Lego_2, Lemur_11, Lesedi_10, Licorice_13, Liebe_2, LilBib_12, LittleB_11, LittleGuy_11, Lizalica_2, LochMonster_11, Lockley_11, London_2, Lorenzo_11, LunarLander_11, Lunsford_12, MA5_11, MK4_11, MPlant7149_10, MaGuCo_2, Magnar_11, Magnito_10, Manatee_12, Marcell_11, Marchesa_11, Marchy_10, Marco3_11, Margo_12, Maroc7_10, Marsha_11, MaryBeth_11, Maureen_2, Maverick_11, Maxo_11, Mayonnaise_11, Mazhar510_11, McGuire_12, McSinger_12, Medusa_11, MeeZee_11, Melvin_11, MetalQZJ_11, Michkear_5, Michley_11, MilleFeuille_10, Miramae_11, Molly_12, Moose_10, Morpher26_11, MrGordo_11, Mryolo_10, Mudpuppy_2, Mule_11, Mundrea_11, NEHalo_11, Nebs_11, Nerujay_12, Nhonho_11, Niobe_2, Nitro_2, Noella_12, Noelle_11, Norbert_11, NorthStar_11, Northrop_11, Norz_13, NotAPhaseMom_11, Noxious_13, Nyxis_11, OKCentral2016_11, OKaNui_11, Obama12_11, ObiToo_2, 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, Phives_3, Phontbonne_11, PhrostyMug_11, PinkPlastic_10, Pinto_13, Pipcraft_11, Pistachio_12, Pita2_13, Pixelle_2, Pocahontas_12, Polymorphads_11, Poompha_10, Popcicle_12, PowerRanger_11, Powerpuff_2, ProMouse_10, Pumbaa_11, Pumpkins_2, 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, Rocksand_11, 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_11, SarFire_11, SaturnRing_11, Scamp_11, Schaffner_2, Scout_11, Scowl_12, Seabiscuit_13, Seanderson_12, SenorClean_11, Severus_10, Shaka_11, Shapes_14, Sheen_13, SheldonCooper_11, Shep_11, ShortQueendom_11, Shygu2_11, Simpson_2, Skadoosh_11, Skelbel_2, SkiPole_13, Slagathor_12, Smairt_12, Smeagol_12, Snazzy_9, Snek_3, Solon_11, Soondubu_2, Sorpresa_11, Sparxx_11, Spino_11, Squee_12, Stasia_12, SteMason_11, StewieG_10, Stink_11, Subaru_2, Sultana_11, Sumter_10, Sunshine924_10, SwissCheese_11, Switzer_12, Swole_13, TNguyen7_11, Tallboi_2, Taquarus_11, Target_13, Tasp14_12, Tbone_2, Teodoridan_9, Texage_11, TforTroy_2, Thanksgivukkah_11, TheloniousMonk_13, Thor_11, ThursdayNight_2, Tian_2, 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, Tuck_3, Turab_2, Turj99_10, Tutumahutu_2, Tweety19_3, Twister_11, TwoPeat_12, TygerBlood_11, U2_11, Ulysses_10, Veracruz_11, WalterMcMickey_11, Wander_11, Warda_2, Watermelon_13, Wheeler_11, Whitspit_12, Wilbur_11, Wildwest_3, Wile_11, Wilkins_11, Wizard007_11, Xena_11, Yang_2, YesChef_2, YoSam321_11, Zarafa_11, Zeeculate_10, Zephyr_11, Zeuska_12,

Genes that have the "Most Annotated" start but do not call it:
• LeoAvram_11, 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, AN3_12, AN9_15, ANI8_15, Aaronocolus_6, AbbeyMikolon_2, AbbyPaige_14, Abelaine_3, Abidatro_3, Abigail_3, Acai_7, AceofSpades_2, Acme_13, Acolyte_12, Acquire49_4, Adaia_3, AddiRose_12, Adelaide_2, Adnama_10, Adolin_2, AdoptaAdorbs_2, Adzzy_13, Aflac_17, Agape74_14, Agatha_4, AgentM_9, Aglet_13, AgronaGT15_13, Agueybana_2, AikoCarson_3, Airmid_9, Akhila_3, Akino08_3, AlainaMarie_17, Alatin_8, Albanese_5, Albedo_3, Albright_3, Aledel_2, AlexMinion_2, Aliter_13, AllBusiness_5, Alma_13, Aloe25_17, Alpacados_7, AlpineSix_2, Alsaber_7, Altjira_7, Altostratus_2, Alucard_3, AlumE_2, Alvy_8, Amanises_4, Amao_9, Amela_6, Amelia_4, AmericanBeauty_10, Amethyst_6, AmiCi24_2, Amochick_5, Amok_3, Amphitrite_2, Amymech_5, Anandi_8, Anatole_3, Anaysia_14, AndPeggy_3, Andrew_3, Andris_6, Aneem_12, Angelique_2, AngryOrchard_7, Animus_7, AnnaL29_15, AnnaLie_4, Annihilus_7, Anon_12, Anselm_12, Anseraureola_3, Anthony_11, Antonio_2, Antrice_3, Anubis_15, Aoka_3, Apiary_28, AppleCider_5, AppleCloud_6, Applejacks_2, Appletree2_4, Apricot_2, Aragog_9, Arataki_14, Arby_4, Arcadia_8, ArcherNM_14, Archetta_9, Archie_4, Archimedes_1, ArcusAngelus_2, Ardmore_2, AreFloNak_7, Argan_7, Argent26_10, Arianna_3, Arielagos_2, Aries55_3, Arissanae_11, Armstrong_2, Arroyo_4, Artemis2UCLA_15, ArtetaBall_17, Arti_24, Artorias_13, Arzan_8, Ashballer_10, Ashes_2, Asriel_8, Asten_6, Astro16_3, Astro_9, Atlantica_2, Atraxa_3, Attoomi_3, Aubs_2, AugsMagnumOpus_15, AuntGwenStacy_9, Auspice_14, AustinPowers_2,

AvGardian_3, AvadaKedavra_4, Avazak_13, Avocadoman_3, Avvas_3, Axiom_7, Axym_4, Ayanochan_13, AylexOG_4, Azathoth_4, Azaz_2, Azira_6, Aziz_18, Azizam_3, Azrael100_25, Aztec_3, B3_3, BABullseye_15, BAjuniper_3, BFK20_ORF2, Babsiella_2, Babushka_2, BabyBack_14, BabyDaisy_4, BabyYoda_3, Bachaco_3, Bachome_12, Bactobuster_13, BadWillHunting_4, Baehexic_13, Baine_3, Ball_2, Balloona_3, Banquo_11, Baoshan_3, BarBear_3, Barbarian_8, BarbieDoll_8, Barbonzobean_7, Barebow_2, Barnstormer_2, BarryBee_8, BartholomewSD_8, Basilisk_3, Bask21_8, BatStarr_2, Batiatus_2, Battleship_15, Bavilard_4, Bazzle_4, BearBQ_2, BeardedLady_7, Beaupre_2, Beauxregard13_13, Bedetta_4, BeeGee_2, Beelzebub_39, Beemo_13, Beethoven_5, Belenaria_8, Bellis_5, Bellris_11, BelmontSKP_4, Belthelas_3, Bench_10, Benedict_9, Bengal_3, BengiVuitton_13, BenitoAntonio_8, Benllo_7, Bennie_2, BennyP_15, Benvolio_12, Bernal13_3, Bernstein_2, BetterYeti_17, BiPauneto_27, Bialota_2, BiancaTri92_14, Bibble12_4, BigBubba_8, BigCheese_4, BigChungus_3, BigMack_2, BigMau_13, BigSherm_6, Bigflo_13, BillDoor_6, Bilo_7, Bing_7, BinkBonk_3, Bintii_3, Bipolar_2, Bipper_9, Birdsong_2, Biscayne_3, Biscute_7, Biskit_5, BlackHoleSun_9, Blackbeetle_35, Blair_4, Blanky_13, BlessJoy_15, Blexus_2, Blinn1_15, Blondies_5, BloominB_5, Blue7_15, BlueCrab_2, Bluefalcon_8, BluerMoon_17, Bluvara_2, BobSwaget_15, BobaPhett_2, BobbyDazzler_8, BobsGarage_4, BodEinwohner17_2, Bodacious_2, Bodhi17_3, Bogg_9, BogosyJay_13, BonaeVitae_3, Bonamassa_9, Bonanza_8, Bongo_14, Bonum_27, Boog_8, Boohoo_14, BoomRoasted_3, Bosnia_2, Bouchard_7, BourbonZero_4, Bovely_6, Bowden_7, Bowling_8, Bowtie_12, BoyNamedSue_2, Bradissa_2, Bradley2_3, Bradman_11, Bradshaw_8, Brahms_2, BrainDrainer_4, Bran_2, Brataylor_7, Braxoaddie_28, BreSam8_13, Breezona_4, Breylor17_7, Bri160_3, Bricole_14, Bridgette_2, BritBrat_2, Brocalys_2, BrokMonster_3, Bromden_4, BronxBay_8, BrotherBLo_5, Brujita_2, Bruns_10, Brunswick_7, BryanRecycles_7, Bryce_8, Brynnie_3, BubbaBear_3, Bubble_4, Bubbles123_2, Bud_12, Budgie_10, Bugg_15, Buggaboo_25, Bugsy_14, Buldak_3, Bullzi2019_3, Bunnybear_2, Burgy_3, Burley_17, Burnsey_4, Burritobowl_3, BurtonThePup_3, Burton_12, Burwell21_2, Button_5, Buttrmlkdreams_4, BuzzBuzz_12, Bxz2_13, ByChance_2, Byougenkin_2, C3PO_12, C3_10, CGermain_4, CRB1_12, CWormy_17, Cabrinians_2, Cactus_10, Caelum_7, Caitlin_9, Caliburn_6, CallieOMalley_5, Calm_4, Calvinny_13, Camara_2, Camille_10, CanFranMach_3, Candra_15, CanesSauce_4, Canowicakte_5, CapnMurica_7, Cappuccino_2, Caprice_34, CaptainTrips_3, Captrips_13, Capybara_13, CaramelLatte_4, Caraxes_11, Caron_2, Carpal_5, Carsonalex_5, Cashington_3, Cashline_2, CastorTray_8, Catalina_13, Caterpillar_8, Catfish_6, Cayde6_3, Cazares_3, Celaena_3, Celery_8, Celeste_6, Celestialunch_11, Celia_6, Cen1621_2, Centaur_14, Chadwick_10, Changeling_15, Charbie_3, Chargerpower_12, Charm_12, Chartreuse_15, Chaser_4, Chatham_3, Che12_13, Che8_2, Cheesecake_3, Cheesepuff_2, Cheesy_8, ChengKai98_4, CherryBlossom_8, CherryonLim_5, Chestnut_4, Chevrolet_2, ChewChew_2, ChewyVIII_38, Chickaboom_2, ChickenTender_6, Chicken_3, ChickyNuggy_14, Chikenjars_17, ChiliPepper_3, ChipMunk_14, Chlochlo_7, ChocoMunchkin_4, Cholula_5, ChosenOne_7, ChotaBhai_8, Chridison_2, Christian_2, ChuckDuck_2, Chuckly_2, Chucky_6, ChutneyChips_4, Chymera_2, CicholasNage_4, Ciel_3, Circum_8, Citrus_16, Clank_2, Clarkson_36, Claus_4, Clautastrophe_5, Clayda5_2, CliffHanger_4, Clifton_2, CloudWang3_15, ClownCar_13, Clownery_3, ClubPenguin_6, CocoCinnamon_5, CocoaPuff_3, CoffeeBean_28, CogOmlette_10, Colbster_13, Cole_4, Colin_16, Colleen_3, Coltrane_2, Colusalem_3, Commandaria_26, Conan_7, Concrete_3, Confidence_2, Conley_13, Conquerage_13, Conspiracy_9, Constance_2, Coog_9, Cookiedough_15, Copper_4, Coral_3, Corazon_33, Corium_2, Cornie_2, Correa_8, CosmicSans_8, Cosmo_26,

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NoShow_2, NoSleep_9, NoSwimming_4, Nobel_3, Nodigi_5, Noelani_3, NonchalantPear_8, NormanBulbieJr_2, NosilaM_27, NothingSpecial_14, NovoPizza_3, NovumRegina_24, Nubia_5, Nymphadora_2, OBUpride_5, OMalley_2, Oaklynn_3, Ochi17_2, Octobien14_13, Octopus_3, Odesza_13, OdetoJoy_3, Odin_11, OfUltron_2, OhMyWard_17, OhShagHennessy_4, Okabe_4, OlanP_13, OldBen_2, OlgasClover_17, Oliynyk_7, Ollie_13, Olliecat_3, OlympiaSaint_2, OlympicHelado_8, Omar_7, Onestar_7, Onglai_12, Oofda_14, Oppalora_2, Orange_12, Orcanus_3, Origami_2, OrionPax_9, Orla_5, OtsoOtso_3, Otwor_3, OurGirlNessie_2, Outis_25, Ovechkin_2, OverPar_4, Owens_3, Oxynfrius_5, Ozzie_6, OzzyJ_7, P28Green_13, PFR1_02, PFR2_02, PGHhamlin_15, PHappiness_2, PMC_2, PYPDinur_4, Pablito_6, Pacc40_2, PackMan_13, PaddyBaddy_9, Paedore_6, Paella_16, PaintedDog_2, PainterBoy_13, PandaPo_2, PaoPu_3, Paolo_8, Partridge_8, PartyCup_5, PastaFagioli_3, Pat3_8, Patio_27, PatoPoderoso_2, PattyP_13, Pavo_7, Pawn_13, Peas_2, Pecas_3, PegLeg_14, PeggyLeg03_2, Pelletreau_4, Pemberton_27, Pembroke_13, Penny1_13, Penoan_4, Pepperoni_2, Pepy6_014, Percival_2, Perkunas_15, PerroGrande22_14, PestoPenguin_17, Petersenfast_12, PeteyPab_12, Petito_14, PetterN_10, Ph8s_13, Phaby_7, Phaded_15, Phaeder_13, PhailMary_7, Phaila_8, Phalconet_2, Phanphagia_2, PhaoMing_1, Pharaoh_12, Phasih_2, Phatniss_2, Phepper_17, Pherobrine_14, PherryCruz_6, PhesterPhotato_2, Phettuccine_6, PhigPhack_3, Phillis_9, Philus_2, PhirstandPhine_4, Phisb_3, PhishRPhriends_12, Phlei_8, PhlipPhlop_2, Phlorence_9, PhluffyCoco_2, Phoebe_13, Phomeo_23, Phonnegut_13, Phoxy_13, Phrankenstein_8, Phranny_14, Phrux_8, Picconator_3, PickleBack_9, Picnic_3, Pineda_4, PinkFriday_2, Pioneer_13, Pippin15_11, Pippin_13, Pippy_2, Piro94_13, PitaDog_2, Pleakley_33, Pmask_15, PoRanda_3, Poco6_016, PoeMe_8, Poenanya_2, Poise_35, Polka14_2, Polka_3, Pollux_2, Polly_2, Polo2Bam_2, Polyphemus_15, Polyyuki_28, Pomar16_15, PondAmelia_4, Pondwater_3, Pons_4, Poochiewood_4, PopTart_2, Popper_4, Popy_7, Porky_7, Posh_2, PotPie_4, PotatoChip_12, PotatoSplit_14, Potatoes_5, Poushou_3, Powelldog_7, Power_12, PrairieDogTown_3, Preamble_2, Priamo_15, Prinashe11_10, Pringar_35, Priscilla_2, Priya_13, ProfFrink_8, Prospero_4, Provolone_7, Prudy_14, PsychoKiller_4, Pterodactyl_2, Ptowny_8, Publix_3, Pucara_2, Puddles3_3, PuffyCat_3, Puginator_8, Pukovnik_14, Pumancara_2, Pumpkin_9, Puppers_2, PurpleHaze_13, Pytheas_2, QMacho_4, Qobbit_13, Quaker_3, Quasar_4, Quby_4, QueenB2_12, QueenBeesly_12, QueenHazel_2, Quenya_4, Qui_16, QuickMath_2, QuinnAvery_6, Quokka_10, R4_6, RADical_5, RAP15_5, RER2_1, RSchmailzl_5, Rabbitrun_14, Rachaly_15, Radiance_2, Raela_35, Rahalelujah_11, Rainydai_7, Rana_6, RanchParmCat_7, Rasputin_8, Rattail_2, Raunak_8, Ravana_14, RavenCo17_2, RavenPuff_6, RcigaStruga_5, ReMo_14, Reba_14, Red305_5, RedBaron_6, RedBear_8, RedBird_2, RedFox_2, RedRaider77_35, RedRaider_31, RedRock_15, Reedo_2, Refuge_15, Regigigas_7, Reindeer_12, Rem711_3, RemusLoopin_2, Remus_14, Renaldo_9, Renaud18_2, Renna12_3, Retro23_12, RexFury_8, Rey_18, Reyja_3, Rhodalysa_8, Rhogar_3, Rhysand_3, Rickmore_16, Rifter_15, Rima_8, Riovina_2, Rira_3, RitaG_2, Rita_2, RiverMonster_8, Riverdale_5, Roary_9, RockScotty_2, Rockne_2, Roksolana_15, Rollins_2, RonRayGun_3, Rona_3, Roney_13, Ronnie_4, RootBeer_2, Root_4, RosaAsantewaa_7, Rosalind_14, RoscoWindex_3, Rose5_4, RoseMarie_14, Rossetti_4, Rowa_2, Royals2015_2, Rozby_5, Rubeus_12, Ruby_2, Ruchi_3, Rufus_12, Rummer_13, Rumpelstiltskin_4, Runhaar_17, Rusticus_7, RustyBoy_7, Rutherferd_13, Ryan_6, RyeScarlet_14, SG4_2, SPB78_2, Saal_2, Sabbb_2, Sabia_13, Sabinator_13, Sabourin_2, Sachet_3, Sachima_11, Saftant_6, Sage7_3, Saintcarr_5, Saints25_9, Saintus_9, Salk_8, Salvus_6, Salz_12, SamW_2, Samora_2, Samty_5, SanaSana_4, Sandalphon_2, Sandman_4, Sangak_7,

SansAfet_3, SantasSleigh_3, Santhid_2, Saphira_4, Sapo_1, SarBear_3, Sara_3, SarahRose_6, Sarshaun_4, Saskia_12, Sassafras_2, SassyB_2, Savage2526_5, Scamander_3, Scap1_7, Scherzo_13, Schism_6, Schmidt_5, Schwartz33_17, ScienceWizSam_8, Scorpia_10, Scotia_4, Scottish_2, Scrunchy_3, Scuba_33, Scuttle_5, SeaLumen_2, SeaWolves_3, Seabastian_2, Sebastisaurus_2, Secretariat_13, SemperFi_14, SendItCS_7, Sephiroth_13, Serenabean_12, Serenity_11, Sergei_2, SerialPhiller_2, Seume_4, ShaggyRogers_17, ShakeItOph_2, Sham4_12, Shambre1_3, Sharkboy_3, Shauna1_2, Shawty_2, ShayRa_15, Shayna_2, SheRa_7, SheaKeira_12, SheckWes_3, Shen_4, Sheng711_4, Shepard_7, ShiLan_2, Shiba_8, ShowerHandel_2, ShroomBoi_2, Shuman_8, SiSi_2, Sibs6_13, Silverleaf_4, Simpliphy_9, Sippinontea_3, SirBeanington_3, SirDuracell_8, SketchMex_3, Skinny_15, Sknot_12, Skylord_2, Skysand_26, Slay_3, Slentz_3, SlimJimmy_13, Slizam_3, Sloopyjoe_8, Smeadley_9, Smeagan_14, SmellyB_15, SnapTap_12, Snape_12, Snenia_5, Snickers_13, Snorlax_6, Snuffles_4, SoJulia_4, SoYo_13, Soap141_4, Socotra_5, Softsoap_3, SoilDragon_13, Solea_4, Sooty_2, Sopespian_4, SororFago_11, Soshari_15, Soshi_7, Soups_14, Sourignavong_5, South40_7, Spain_7, Sparkdehlily_2, Sparky_2, Spartacus_2, SpecialK_2, Spectropatronm_8, Speedwell_7, Spike509_13, SpikeBT_13, Splinter_7, Spooks_49, Spoonbill_2, Sporto_7, Spouty_13, Sprinkle_7, Sputnik_3, SqueakyClean_7, Squircle_3, StAB_2, StAnnes_2, StCroix_8, Stagni_13, Stank_10, StarLord_8, StarStruck_25, StarStuff_15, Starburst_5, Stardom_7, Stardrop_8, Stark_9, Stayer_8, SteamedHams_6, Steamy_13, Stellammi_2, Stem_3, StepMih_13, Stephig9_9, StewieGriff_4, Stickynote_14, Stiles_2, StolenFromERC_10, Stoor_3, Stratus_4, StrawberryLem_2, Strokeseat_2, Stromboli_3, Strosahl_14, StuartMinion_2, Stuu_2, SuMoo_2, Success_50, Sudan_6, Sue2_2, Sujidade_7, Sukkupi_26, SummitAcademy_3, Sunhee_11, SunkenRoot_6, Sunny4976_8, SunnyD_2, SunsetPointe_6, Supakev_2, SuperAwesome_15, SuperCallie99_15, SuperGrey_2, SuperHands_2, SuperSulley_25, Superchunk_11, Superstar_8, Suppi_5, Survivors_6, Suscepit_2, SushiChef_2, SwagPigglett_2, Swann_8, SweatNTears_6, SweetCrkHerbs_15, Sweetclover_13, SweetiePie_12, Swenson_4, Swervy_3, SwirlSquare_13, Swirley_9, Switzerland_14, SydNat_9, Syleon_13, Synepsis_6, TBrady12_10, TChen_2, TDanisky_2, TG1_2, TPA4_2, TWAMP_8, TZGordon_9, TagePhighter_7, TaidaOne_8, Tailonex_9, Tairn4Wing_15, Taj14_4, Taj_2, Takoda_8, Talon44_14, Tanis_13, Tarnish_4, TarsusIV_12, Tarynearal_8, Tarzan_2, Tatanka_6, TattModd_5, Taurus_13, TaylorSipht_3, Tayonia_2, Teacup_7, Teagster_2, Teaspoon_8, TeddyBoy_3, Tefunt_6, Temper16_2, Temprado_15, TenaciousP_17, Tenney120_8, Tenno_8, Terrific_16, Tesla_34, ThankyouJordi_2, Theia_8, Thestral_7, ThetaBob_2, Thimble_9, Thiqqums_7, TieDye_7, Tiffany_13, Tiger_9, TimTam_2, TimoTea_3, Timothy_12, TinaBelcher_6, TinaLin_10, TinoCrisci_4, TinyPebbles_13, TinyTimmy_12, TinyTruffula_3, TipsytheTRex_11, Tipton_7, TlaliMex_3, Toad24_4, Toaka_11, ToastyOats_7, Tokki_7, Tolls_6, TomBrady12_3, Toma_6, Tomathan_15, Tonaltzin_17, ToneTone_14, TonyStarch_8, Toodles_5, Topiatin_4, Toron_2, TouchMeNot_3, Toulouse_3, Tourach_4, Toxicola_3, TpudiCK_15, Tracker_24, Trackstar_3, Travvers_15, Trax_12, Treddle_13, TriFive_5, Tribby_8, Trine_2, Trireme_3, Tristan_13, Triste_6, TrixiePhattel_8, Trixie_15, Troje_4, Trooper_12, Troy_2, Truckee_7, Trufflozitus_13, Trumpet_2, Trustiboi_7, TrvxScott_5, TuanPN_6, Tubs_13, Tucker_15, TukTuk_3, Turbido_14, Turuncu_28, Tweety_2, Twigg_9, TyDawg_14, TymAbreu_4, Typha_9, Typhonomachy_4, Tyrellus_3, Tyson_4, UPIE_4, Ubuntu_5, Ugenie5_10, UhSalsa_8, Ukulele_8, Underpass_4, UnionJack_9, Unstoppable_6, Untouchable_16, Updawg_14, Upsilon_3, Upyo_2, Urla_2, Urza_6, UtzChips_2, Uzumaki_8, VA6_12, VC3_15, VRedHorse_2, VResidence_2, VWB_2, Vallejo_5, Vanisius_3, Vanisoa_11, Vanseggelen_9, Vardy_17, Vash_2, VasuNzinga_35,

Vendetta_7, Verabelle_7, Verse_6, Veteran_2, Vetrix_4, VieEnRose_6, Vine_5, Vinye_5, Violac_2, Vitas_2, VitulaEligans_3, Vivum_2, Vix_13, VohminGhazi_15, VroomVroom_2, Vulpecula_3, Vulture_2, Wachhund_2, Waits_14, WalkingDead_3, Wallaby_7, Wamburgrxpress_4, Warrior24_14, Watson_13, Wawa_5, Wayne_5, Webster2_5, Wee_2, WeiHuaDA_18, Weirdo19_2, WelcomeAyanna_2, Werner_6, Westerlin_7, Westrich_4, Whabigail7_14, Whatever_6, Whatsapiecost_2, Wheezy_24, Whirlwind_6, Whitty_3, WhoseManz_26, Whouxphf_2, WideWale_14, Widow_2, Wigberry_7, Wiggin_10, Wigglewiggle_4, Wiks_15, Wildcat_26, Wilder_4, WileyE_2, WillSterrel_2, Winky_4, Wishmaker_5, Witch_3, Wolfpack_3, Wolfwood_6, Wolpertinger_11, WonderBoy_2, Wooldri_15, WorMMAs_2, WorldCup_10, Wrigley_2, WunderPhul_15, Wyatt2_4, XFactor_2, Xandras_10, Xenomorph_7, XianYue_12, Ximeno_2, Xula_2, Yakult_5, Yami_3, Yank_4, Yarn_3, Yasdnil_6, Yasuo_3, Yecey3_12, YertPhresh_3, Yndexa_26, Yogi_8, Yokurt_15, Yoncess_8, Yonex_6, Yorick_2, YoshiYama_7, Yosif_7, Yotsuba_12, Yubaba_3, Yucky_4, Yummy_5, Zaheer_6, Zahlia_3, Zainub_8, Zaka_15, Zakai_4, ZamZam_6, Zameen_2, Zareef_6, Zaria_4, Zeina_8, Zemlya_7, ZenTime222_3, Zeph_16, Zerg_2, Zeta1847_2, Zetzy_12, ZhongYanYuan_3, Zhuangyuan_4, Zimmer_14, Zion_12, Zippen_8, Zirinka_2, Zixiang_3, Zizzle_2, Zolita_8, Zorro_5, Zulu_15, phiBT1_33, phiCAM_06,

Summary by start number:

Start 5:
• Found in 5 of 2699 (0.2%) of genes in pham
• Manual Annotations of this start: 5 of 2403
• 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 17:
• Found in 1 of 2699 (0.0%) of genes in pham
• Manual Annotations of this start: 1 of 2403
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Stickynote_14 (EN),

Start 31:
• Found in 2 of 2699 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 2403
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Mendokysei_2 (T),

Start 52:
• Found in 46 of 2699 (1.7%) of genes in pham
• Manual Annotations of this start: 23 of 2403
• Called 50.0% of time when present
• Phage (with cluster) where this start called: AgentM_9 (A5), Archetta_9 (A5), Archimedes_1 (DA), Bluefalcon_8 (A5), Conspiracy_9 (A5), Cuco_9 (A5), Discoknowium_9 (A5), Dublin_8 (A5), ElTiger69_9 (A5), ForGetIt_9 (A5), Frizzle_1 (DA), George_8 (A5), Ghobes_1 (DA), Ghoulboy_9 (A5), Milcery_9 (A5), Naca_9 (A5), Phlorence_9 (A5), PickleBack_9 (A5), Sapo_1 (DA), Swirley_9 (A5), Tarynearal_8 (A5), Theia_8 (A5), UnionJack_9 (A5),

Start 58:

• Found in 1 of 2699 (0.0%) of genes in pham
• Manual Annotations of this start: 1 of 2403
• Called 100.0% of time when present
• Phage (with cluster) where this start called: JustASigh_2 (AH),

Start 61:
• Found in 25 of 2699 (0.9%) of genes in pham
• Manual Annotations of this start: 21 of 2403
• Called 88.0% of time when present
• Phage (with cluster) where this start called: Amochick_5 (Q), Amymech_5 (Q), BloominB_5 (Q), Daegal_6 (Q), DeepSoil15_5 (Q), Dewey_5 (Q), Ein37_5 (Q), Forge_5 (Q), Gancho_4 (Q), Giles_5 (Q), Gravaillia_5 (Q), HH92_5 (Q), Hail_5 (Q), Kinbote_5 (Q), LilHazelnut_5 (Q), Luna22_5 (Q), NovoPizza_3 (Q), OBUpride_5 (Q), Ubuntu_5 (Q), Webster2_5 (Q), Weirdo19_2 (AH), Wishmaker_5 (Q),

Start 62:
• Found in 9 of 2699 (0.3%) of genes in pham
• Manual Annotations of this start: 1 of 2403
• Called 11.1% of time when present
• Phage (with cluster) where this start called: DS6A_5 (singleton),

Start 63:
• Found in 57 of 2699 (2.1%) of genes in pham
• Manual Annotations of this start: 32 of 2403
• Called 61.4% 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 66:
• Found in 11 of 2699 (0.4%) of genes in pham
• Manual Annotations of this start: 7 of 2403
• Called 81.8% 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 68:
• Found in 36 of 2699 (1.3%) of genes in pham
• Manual Annotations of this start: 2 of 2403
• Called 8.3% of time when present
• Phage (with cluster) where this start called: 32HC_3 (Z), Provolone_7 (BD3), Rem711_3 (Z),

Start 69:
• Found in 3 of 2699 (0.1%) of genes in pham
• Manual Annotations of this start: 2 of 2403
• Called 66.7% of time when present

• Phage (with cluster) where this start called: Farewell_2 (AF), Sparky_2 (AF),

Start 71:
• Found in 27 of 2699 (1.0%) of genes in pham
• Manual Annotations of this start: 22 of 2403
• Called 85.2% 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 73:
• Found in 113 of 2699 (4.2%) of genes in pham
• Manual Annotations of this start: 95 of 2403
• Called 88.5% of time when present
• Phage (with cluster) where this start called: Aaronocolus_6 (BD1), 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), 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), Jevington_8 (BD2), Jhitchelle_5 (BD3), Kaine_6 (BD3), Katalie_7 (BD1), Lannister_7 (BD1), Legacy_6 (BD1), Lika_6 (BD1), Loofah_7 (BD2), Maneekul_6 (BD1), Marav_9 (BD2), Nabi_6 (BD1), Nanodon_8 (BD1), Nerdos_6 (BD1), Nishikigoi_6 (BD2), Oliynyk_7 (BD1), Omar_7 (BD2), 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), Snorlax_6 (BD1), South40_7 (BD1), Speedwell_7 (BD3), SqueakyClean_7 (BD2), Sudan_6 (BD3), Sujidade_7 (BD1), SunkenRoot_6 (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), 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 74:
• Found in 19 of 2699 (0.7%) of genes in pham
• Manual Annotations of this start: 1 of 2403
• Called 5.3% of time when present
• Phage (with cluster) where this start called: Saftant_6 (BD3),

Start 79:
• Found in 1 of 2699 (0.0%) of genes in pham
• Manual Annotations of this start: 1 of 2403
• Called 100.0% of time when present
• Phage (with cluster) where this start called: MalagasyRose_7 (AG),

Start 80:
• Found in 2 of 2699 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 2403
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Nergal_5 (AG),

Start 84:
• Found in 1 of 2699 (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 86:
• Found in 88 of 2699 (3.3%) of genes in pham
• Manual Annotations of this start: 10 of 2403
• Called 12.5% 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), Ozzie_6 (BD1), Rusticus_7 (BD1), SunsetPointe_6 (BD1), Toma_6 (BD1), Unstoppable_6 (BD1),

Start 93:
• Found in 130 of 2699 (4.8%) of genes in pham
• Manual Annotations of this start: 92 of 2403
• Called 90.0% of time when present
• Phage (with cluster) where this start called: AceofSpades_2 (AZ4), Acquire49_4 (L1), Appletree2_4 (L1), Archie_4 (L2), AvadaKedavra_4 (L1), Baoshan_3 (L2), Barnstormer_2 (EH), Bazzle_4 (L2), Bellis_5 (L3), BigCheese_4 (L2), BobsGarage_4 (L2), BourbonZero_4 (L3), BrainDrainer_4 (L4), Breezona_4 (L2), Bromden_4 (L4), Caron_2 (EH), Cen1621_2 (EH), Chaser_4 (L4), ChengKai98_4 (L2), ChutneyChips_4 (L4), Claus_4 (L2), Clautastrophe_5 (L3), Crossroads_4 (L2), DHan_4 (L2), DirkDirk_4 (L1), Douge_4 (L4), Douzhi_4 (L4), DrSeegs_4 (L2), DuncansLeg_5 (L3), DyoEdafos_5 (L4), Ellson_5 (L3), Enceladus_4 (L1), Eyoseyas_2 (AN), Faith1_4 (L2), FarmResident_4 (L4), Finemlucis_4 (L2), Finnry_5 (L3), FiveHead_2 (AZ4), Floof_2 (EH), Forester_2 (EH), Gabriela_4 (L2), Gardann_4 (L2), GardenState_2 (EH), Gretchen_2 (EH), GuuelaD_4 (L2), Hafay_4 (L2), Halena_4 (L1), Hiraya_4 (L2), IAmGroot_2 (EH), Itos_4 (L2), JasmineDragon_2 (AZ4), Jobypre_5 (L3), JohnThicc_2 (AZ4), Jubie_5 (L3), Kahlid_4 (L2), Kingsolomon_5 (L3), KirDoubleO7_3 (L3), Kropertea_4 (L4), Krypton555_5 (L3), LadyAstra_2 (AZ4), Lewan_4 (L2), LilDestine_4 (L2), LiyuLake_5 (L3), Loadrie_4 (L2), Lolly9_5 (L3), Lumos_5 (L3), Lynnae_4 (L2), MAckerman_4 (L1), Mabodamaca_2 (EH), Miley16_4 (L2), MiniLon_5 (L3), MiniMac_5 (L3), MiniMommy_2 (AZ4), MkaliMitinis3_4 (L2), Molivier_4 (L2), Moostard_5 (L3), MsGreen_5 (L3), Netyap_4 (L2), Nicholas_5 (L3), Nicholasp3_4 (L2), Origami_2 (AZ4), OverPar_4 (L2), PYPDinur_4 (L4), Percival_2 (EH), Quby_4 (L4), Red305_5 (L3), Rose5_4 (L1), Rossetti_4 (L2), Rumpelstiltskin_4 (L2), Samty_5 (L3), Sarshaun_4 (L2), ShakeItOph_2 (AZ4), Sheng711_4 (L4), Silverleaf_4 (L1), Snenia_5 (L3), SoJulia_4 (L2), Soap141_4 (L2), SuMoo_2 (EH), SuperHands_2 (EH), Tourach_4 (L2), TriFive_5 (L3), Tyson_4 (L1), Underpass_4 (L2), UtzChips_2 (EH), Vetrix_4 (L2), VroomVroom_2 (AZ4), Wamburgrxpress_4 (L1), Whirlwind_6 (L3), Wigglewiggle_4 (L2), Wilder_4 (L2), Winky_4 (L2), Wyatt2_4 (L1), Ximeno_2 (AN), Zakai_4 (L2), Zaria_4 (L1), Zeta1847_2 (EH), ZhongYanYuan_3 (L2),

Start 95:
• Found in 490 of 2699 (18.2%) of genes in pham
• Manual Annotations of this start: 435 of 2403
• Called 99.4% of time when present
• Phage (with cluster) where this start called: A6_09 (A1), AEgle_2 (AZ1), AFIS_11 (A1), AGrandiflora_2 (AZ1), AbbysRanger_11 (A4), Abbyshoes_12 (A1), Abdiel_11 (A4), Abrogate_120 (A1), Achebe_11 (A4), Adahisdi_12 (A1), Adumb2043_2 (AZ1), Aeneas_13 (A1), Agaliana_11 (A1), AinMach_2 (AZ7), Ajay_11 (A1), Albee_11 (A4), Alberto7_12 (A4), Aldrich_12 (A1), Alsfro_15 (A1), Altman_12 (A1), Alvin_12 (A1), Amploria_2 (AZ1), Amyev_2 (AZ1), Annyong_11 (A4), Applejack_11 (A1), Arcanine_12 (A1), Arlo_10 (A1), Arturo_10 (A4), Asa16_2 (AZ1), Ascela_2 (AZ1), 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), Berrie_2 (AZ1), BigPaolini_12 (A1), Bigchungi_11 (A1), Bigfoot_10 (A1), BillKnuckles_12 (A1), Bircsak_11 (A1), Blackflame_11 (A1), Blackmoor_11 (A4), Blesser_11 (A1), 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), Buckaroo_10 (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), Cassia_2 (AZ1), CatBus_12 (A1), Cat_9 (A3), 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), Community_3 (AZ1), ConceptII_11 (A1), Connomayer_11 (A4), Corvo_11 (A1), Crewmate_3 (AZ1), Crispicous1_10 (A1), Cueylyss_11 (A1), Cyan_2 (AZ1), DD5_12 (A1), Datway_11 (A4), Deano_11 (A4), Dexes_12 (A1), Dhanush_11 (A4), DirtDevil_12 (A1), DirtyDunning_11 (A4), DontArgue_10 (A10), Doom_11 (A1), DrFeelGood_10 (A1), DrSierra_2 (AZ1), 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), Elezi_2 (AZ1), EnzoK_12 (A1), Eraser_2 (AZ1), Eris_11 (A4), Eros_11 (A4), Espresso_11 (A1), EtoileNova_12 (A3), Euphoria_11 (A1), Eurydice_11 (A4), Exile_2 (AZ6), Eyeball_11 (A1), Fascinus_10 (A1), Florean_11 (A4), Flutur_2 (AZ), Flux_11 (A4), FlyCatcher_15 (A7), Forsytheast_10 (A1), Francis47_11 (A1), Fred313_11 (A3), Froghopper_12 (A1), Funston_11 (A4), GMonster_10 (A1), Gachnar_11 (A1), Gadost_11 (A4), Gandalf20_12 (A1), Giroux_12 (A3), Gompeii16_11 (A1), Goose1D_11 (A3), Goose1X_11 (A3), Goose_11 (A10), Graduation_13 (A1), GrecoEtereo_12 (A1), GroundGoblin_12 (A1), Gwendoluna_13 (A1), HINdeR_11 (A7), 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), IUFootball_2 (AZ2), Iceman_11 (A4), Ichabod_12 (A1), Idleandcovert_11 (A3), IgnatiusPatJac_10 (A1), Inyanga_10 (A1), Iqorha_10 (A1), Iracema64_11 (A4), Isca_11 (A3), Iter_2 (AZ1), IttyBittyPiggy_2 (AZ1), JC27_13 (A1), JF2_11 (A3), JF4_11 (A3), JackSparrow_12 (A1), Janeemi_3 (AZ1), Jasper_12 (A1), Jaykayelowell_11 (A4), JetBlade_11 (A4), Joemato_2 (AZ1), JohnDoe_2 (AZ1), JoongJeon_11 (A4), Jorgensen_11 (A1), Jstan_2 (AZ1), JuliaChild_13 (A1),

JuneStar_2 (AZ1), Junimo_10 (A4), KBG_12 (A1), KFPoly_11 (A4), KSSJEB_11 (A1), Kachowdy_11 (A3), Kampy_11 (A4), Kanely_12 (A1), Katalie136_11 (A4), Kaylissa_2 (AZ1), KekoraPapaka_10 (A4), KikiBouba_13 (A1), Killigrew_9 (A1), Kimona_8 (A19), 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), Lego_2 (AZ1), Lemur_11 (A4), Lesedi_10 (A1), Licorice_13 (A1), Liebe_2 (AZ2), LilBib_12 (A1), LittleB_11 (A4), LittleGuy_11 (A4), Lizalica_2 (AZ1), LochMonster_11 (A4), Lockley_11 (A1), London_2 (AZ1), Lorenzo_11 (A4), LunarLander_11 (A1), Lunsford_12 (A4), MA5_11 (A3), MK4_11 (A3), MPlant7149_10 (A1), MaGuCo_2 (AZ2), 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), Maureen_2 (AZ2), 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), Michkear_5 (AZ), Michley_11 (A1), MilleFeuille_10 (A1), Miramae_11 (A4), Molly_12 (A1), Moose_10 (A1), Morpher26_11 (A4), MrGordo_11 (A1), Mryolo_10 (A1), Mudpuppy_2 (AZ1), Mule_11 (A1), Mundrea_11 (A4), NEHalo_11 (A1), Nebs_11 (A4), Nerujay_12 (A1), Nhonho_11 (A1), Niobe_2 (AZ1), Nitro_2 (AZ1), Noella_12 (A3), Noelle_11 (A4), Norbert_11 (A3), NorthStar_11 (A4), Northrop_11 (A4), Norz_13 (A1), NotAPhaseMom_11 (A4), Noxious_13 (A1), Nyxis_11 (A4), OKCentral2016_11 (A10), OKaNui_11 (A4), Obama12_11 (A4), ObiToo_2 (AZ1), 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), Phives_3 (AZ1), Phontbonne_11 (A4), PhrostyMug_11 (A1), PinkPlastic_10 (A1), Pinto_13 (A1), Pipcraft_11 (A4), Pistachio_12 (A3), Pita2_13 (A1), Pixelle_2 (AZ1), Pocahontas_12 (A3), Polymorphads_11 (A4), Poompha_10 (A10), Popcicle_12 (A3), PowerRanger_11 (A1), Powerpuff_2 (AZ1), ProMouse_10 (A1), Pumbaa_11 (A4), Pumpkins_2 (AZ1), 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), Rocksand_11 (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_11 (A1), SarFire_11 (A1), SaturnRing_11 (A3), Scamp_11 (A4), Schaffner_2 (AZ1), 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), Shep_11 (A3), ShortQueendom_11 (A1), Shygu2_11 (A4), Simpson_2 (AZ1), Skadoosh_11 (A4), Skelbel_2 (AZ1), SkiPole_13 (A1), Slagathor_12 (A1), Smairt_12 (A1), Smeagol_12 (A1), Snazzy_9 (A1), Snek_3 (AZ3), Solon_11 (A1), Soondubu_2 (AZ6), Sorpresa_11 (A1), Sparxx_11 (A4), Spino_11 (A4), Squee_12 (A1), Stasia_12 (A4), SteMason_11 (A4), StewieG_10 (A1), Stink_11 (A4), Subaru_2 (AZ1), Sultana_11 (A4), Sumter_10 (A1), Sunshine924_10 (A1), SwissCheese_11 (A1), Switzer_12 (A1), Swole_13 (A1), TNguyen7_11 (A3), Tallboi_2 (AZ1), Taquarus_11 (A4), Target_13 (A1), Tasp14_12 (A1), Tbone_2 (AZ1), Teodoridan_9 (A1), Texage_11 (A3), TforTroy_2 (AZ1),

Thanksgivukkah_11 (A4), TheloniousMonk_13 (A1), Thor_11 (A1), ThursdayNight_2 (AZ), Tian_2 (AZ1), 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), Tuck_3 (AZ1), Turab_2 (AZ1), Turj99_10 (A1), Tutumahutu_2 (AZ1), Tweety19_3 (AZ3), Twister_11 (A10), TwoPeat_12 (A1), TygerBlood_11 (A4), U2_11 (A1), Ulysses_10 (A4), Veracruz_11 (A3), WalterMcMickey_11 (A10), Wander_11 (A4), Warda_2 (AZ1), Watermelon_13 (A1), Wheeler_11 (A1), Whitspit_12 (A1), Wilbur_11 (A4), Wildwest_3 (AZ1), Wile_11 (A4), Wilkins_11 (A1), Wizard007_11 (A4), Xena_11 (A4), Yang_2 (AZ1), YesChef_2 (AZ1), YoSam321_11 (A4), Zarafa_11 (A3), Zeeculate_10 (A1), Zephyr_11 (A1), Zeuska_12 (A1),

Start 96:
• Found in 297 of 2699 (11.0%) of genes in pham
• Manual Annotations of this start: 243 of 2403
• Called 91.2% 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_11 (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), Celestialunch_11 (A9), 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), Emotion_2 (AZ4), 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), Imbriano_14 (A6), 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_12 (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_12 (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 98:
• Found in 23 of 2699 (0.9%) of genes in pham
• Manual Annotations of this start: 3 of 2403
• Called 13.0% of time when present
• Phage (with cluster) where this start called: Evanesce_5 (Q), Hadrien_5 (Q), Luke_5 (Q),

Start 99:
• Found in 112 of 2699 (4.1%) of genes in pham
• Manual Annotations of this start: 9 of 2403
• Called 10.7% of time when present
• Phage (with cluster) where this start called: Banquo_11 (CU1), Calm_4 (L1), CicholasNage_4 (L1), DanBing_3 (L2), Dardanus_9 (CU3), Gsput1_5 (CU2), JoeDirt_4 (L1), LeBron_4 (L1), OhShagHennessy_4 (L1), Poochiewood_4 (L1), TinaLin_10 (CU1), UPIE_4 (L1),

Start 100:
• Found in 1 of 2699 (0.0%) of genes in pham
• Manual Annotations of this start: 1 of 2403
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Root_4 (JC),

Start 101:

• Found in 8 of 2699 (0.3%) of genes in pham
• Manual Annotations of this start: 7 of 2403
• Called 100.0% 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), VResidence_2 (AZ1),

Start 102:
• Found in 92 of 2699 (3.4%) of genes in pham
• Manual Annotations of this start: 88 of 2403
• Called 100.0% 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_13 (A3), ClownCar_13 (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_13 (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 103:
• Found in 12 of 2699 (0.4%) of genes in pham
• Manual Annotations of this start: 1 of 2403
• Called 8.3% of time when present
• Phage (with cluster) where this start called: Modragons_2 (F1),

Start 104:
• Found in 40 of 2699 (1.5%) of genes in pham
• Manual Annotations of this start: 36 of 2403
• Called 92.5% 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), Kumao_13 (singleton), 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 105:
• Found in 10 of 2699 (0.4%) of genes in pham
• Manual Annotations of this start: 1 of 2403
• Called 20.0% of time when present
• Phage (with cluster) where this start called: Anthony_11 (A20), FatCactus_10 (A20),

Start 106:
• Found in 2 of 2699 (0.1%) of genes in pham
• No Manual Annotations of this start.
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Kinmap_11 (A21),

Start 107:
• Found in 33 of 2699 (1.2%) of genes in pham
• Manual Annotations of this start: 24 of 2403
• 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 108:
• Found in 9 of 2699 (0.3%) of genes in pham
• Manual Annotations of this start: 5 of 2403
• Called 66.7% of time when present
• Phage (with cluster) where this start called: Azrael100_25 (V), Cosmo_26 (V), EniyanLRS_23 (V), MaryV_26 (V), TPA4_2 (singleton), Wildcat_26 (V),

Start 109:
• Found in 4 of 2699 (0.1%) of genes in pham
• Manual Annotations of this start: 4 of 2403
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Fury_33 (CR5), HomeFry_30 (CR5), Pleakley_33 (CR5), Scuba_33 (CR5),

Start 110:
• Found in 15 of 2699 (0.6%) of genes in pham
• Manual Annotations of this start: 12 of 2403
• Called 86.7% of time when present
• Phage (with cluster) where this start called: Arti_24 (CR2), Emianna_24 (CR2), Foxboro_25 (CR2), GTE8_13 (CR2), GrootJr_26 (CR2), Jifall16_23 (CR2), KidneyBean_24 (CR2), Kurt_24 (CR2), NatB6_24 (CR2), NovumRegina_24 (CR2), Phomeo_23 (CR2), Tracker_24 (CR2), Wheezy_24 (CR2),

Start 111:
• Found in 236 of 2699 (8.7%) of genes in pham
• Manual Annotations of this start: 202 of 2403
• Called 91.9% 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), Batiatus_2 (F1), BiPauneto_27

(CR4), Bipolar_2 (F1), 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), 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), 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), Hlubikazi_2 (F1), Honk_2 (EH), 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), Jennelsea_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), MyraDee_9 (A18), NadineRae_24 (CR4), NewHope4_2 (F1), Nichirin_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), 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 113:
• Found in 4 of 2699 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 2403
• Called 25.0% of time when present
• Phage (with cluster) where this start called: Schmidt_5 (CU4),

Start 114:
• Found in 53 of 2699 (2.0%) of genes in pham
• Manual Annotations of this start: 11 of 2403
• Called 28.3% of time when present
• Phage (with cluster) where this start called: Ayanochan_13 (A9), Catalina_13 (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 115:
• Found in 10 of 2699 (0.4%) of genes in pham
• Manual Annotations of this start: 2 of 2403
• Called 20.0% of time when present
• Phage (with cluster) where this start called: Kabluna_27 (CR2), NosilaM_27 (CR2),

Start 118:
• Found in 124 of 2699 (4.6%) of genes in pham
• Manual Annotations of this start: 1 of 2403
• Called 0.8% of time when present
• Phage (with cluster) where this start called: Catfish_6 (CU5),

Start 119:
• Found in 27 of 2699 (1.0%) of genes in pham
• Manual Annotations of this start: 16 of 2403
• Called 59.3% 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 120:
• Found in 83 of 2699 (3.1%) of genes in pham
• Manual Annotations of this start: 11 of 2403
• Called 18.1% of time when present
• Phage (with cluster) where this start called: AuntGwenStacy_9 (Y), Beemo_13 (A9), Bipper_9 (Y), Cracklewink_9 (Y), EmyBug_13 (A9), Faiyaz_9 (Y), Hanray_12 (A9), Hilltopfarm_9 (Y), Holex_12 (A9), Lilleskat_11 (A9), Phonnegut_13 (A9), Qobbit_13 (A9), RyeScarlet_14 (A9), Scherzo_13 (A9), Typha_9 (Y),

Start 122:
• Found in 194 of 2699 (7.2%) of genes in pham
• Manual Annotations of this start: 1 of 2403
• Called 0.5% of time when present
• Phage (with cluster) where this start called: Nemo27_11 (A4),

Start 125:
• Found in 106 of 2699 (3.9%) of genes in pham
• Manual Annotations of this start: 1 of 2403
• Called 1.9% of time when present
• Phage (with cluster) where this start called: Apricot_2 (DN3), Tailonex_9 (singleton),

Start 126:
• Found in 4 of 2699 (0.1%) of genes in pham
• Manual Annotations of this start: 2 of 2403
• Called 75.0% of time when present
• Phage (with cluster) where this start called: Attoomi_3 (singleton), GMA4_2 (singleton), Juicebox_3 (singleton),

Start 128:
• Found in 8 of 2699 (0.3%) of genes in pham
• Manual Annotations of this start: 6 of 2403
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Babsiella_2 (I1), Bluvara_2 (I3), Brujita_2 (I1), HC_02 (I1), Island3_2 (I1), PaintedDog_2 (I1), QueenHazel_2 (I1), Xula_2 (I1),

Start 129:
• Found in 283 of 2699 (10.5%) of genes in pham
• Manual Annotations of this start: 79 of 2403
• Called 27.9% of time when present
• Phage (with cluster) where this start called: Albanese_5 (AK), Aledel_2 (AK), AlpineSix_2 (F1), AppleCider_5 (AK), 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), OfUltron_2 (F1), 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), Seabastian_2 (F1), 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 130:
• Found in 25 of 2699 (0.9%) of genes in pham
• Manual Annotations of this start: 21 of 2403
• Called 96.0% of time when present
• Phage (with cluster) where this start called: Auspice_14 (M1), Aziz_18 (M2), Bongo_14 (M1), Bricole_14 (M1), Diminimus_15 (M1), Dulcita_15 (M1), Estes_19 (M2), FreakyGoo_15 (M1), GardenSalsa_18 (M2), GenevaB15_18 (M2), Glaske16_15 (M1), IPhane7_14 (M1), Izel_15 (M1), KleverKiS_14 (M1), LilhomieP_13 (M1), MrMagoo_18 (M2), Nanosmite_18 (M3), PegLeg_14 (M1), Reindeer_12 (M1), RoseMarie_14 (M1), Skinny_15 (M1), SlimJimmy_13 (M1), TpudiCK_15 (M1), TyDawg_14 (M1),

Start 132:
• Found in 12 of 2699 (0.4%) of genes in pham

• Manual Annotations of this start: 2 of 2403
• Called 16.7% of time when present
• Phage (with cluster) where this start called: Rey_18 (M2), SerialPhiller_2 (AN),

Start 134:
• Found in 73 of 2699 (2.7%) of genes in pham
• Manual Annotations of this start: 16 of 2403
• Called 21.9% of time when present
• Phage (with cluster) where this start called: Antrice_3 (AS2), Arianna_3 (EO), Atlantica_2 (AS3), Basilisk_3 (AS1), Brynnie_3 (AS1), Colleen_3 (EO), Coral_3 (AS2), Cygnet_3 (AS2), HamCheese_2 (AS3), LittleTokyo_3 (AS2), Lunar_4 (AS2), Melons_4 (AS2), Polka_3 (AS2), Poushou_3 (EO), TouchMeNot_3 (EO), Zhuangyuan_4 (AS2),

Start 136:
• Found in 3 of 2699 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 2403
• Called 33.3% of time when present
• Phage (with cluster) where this start called: ChewyVIII_38 (singleton),

Start 138:
• Found in 11 of 2699 (0.4%) of genes in pham
• Manual Annotations of this start: 4 of 2403
• Called 36.4% of time when present
• Phage (with cluster) where this start called: Arielagos_2 (AN), FirePit_2 (AN), Kels_2 (AN), StrawberryLem_2 (AN),

Start 139:
• Found in 21 of 2699 (0.8%) of genes in pham
• No Manual Annotations of this start.
• Called 4.8% of time when present
• Phage (with cluster) where this start called: Phlei_8 (A13),

Start 140:
• Found in 12 of 2699 (0.4%) of genes in pham
• Manual Annotations of this start: 9 of 2403
• Called 83.3% 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 141:
• Found in 4 of 2699 (0.1%) of genes in pham
• Manual Annotations of this start: 2 of 2403
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Spooks_49 (BT), Success_50 (BT),

Start 142:
• Found in 6 of 2699 (0.2%) of genes in pham
• Manual Annotations of this start: 2 of 2403
• Called 33.3% of time when present
• Phage (with cluster) where this start called: Atraxa_3 (AX), Sputnik_3 (AX),

Start 143:
• Found in 106 of 2699 (3.9%) of genes in pham
• Manual Annotations of this start: 83 of 2403
• Called 96.2% 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), Axym_4 (CT), Azira_6 (CT), 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), Bubble_4 (CT), Burnsey_4 (CT), Buttrmlkdreams_4 (CT), CanesSauce_4 (CT), Caprice_34 (S), CaramelLatte_4 (CT), Carsonalex_5 (CT), CherryonLim_5 (CT), ChickenTender_6 (CT), ChocoMunchkin_4 (CT), Clarkson_36 (S), CocoaPuff_3 (CT), Corazon_33 (S), Cornie_2 (F5), Cozz_4 (CT), Crater_2 (DN3), Elinal_5 (CT), Eliott_4 (CT), Emalyn_3 (CT), FF47_05 (AB), Feastonyeet_3 (CT), FeliMaine_37 (S), Fribs8_5 (CT), GTE2_02 (CT), Gattaca_34 (S), GoldHunter_4 (CT), GoongGoong_34 (S), Horseradish_5 (CT), Huphlepuff_37 (S), JacoRen57_2 (AB), JoieB_36 (S), KayGee_4 (CT), Kuwabara_2 (DN4), Lauer_3 (CT), Lilbit_34 (S), 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), Muddy_5 (AB), MunkgeeRoachy_4 (CT), Nibbles_6 (CT), Nina_4 (CT), NoShow_2 (AB), 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), Salvus_6 (AB), SketchMex_3 (CT), 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), Troje_4 (CT), 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 146:
• Found in 63 of 2699 (2.3%) of genes in pham
• Manual Annotations of this start: 40 of 2403
• Called 66.7% of time when present
• Phage (with cluster) where this start called: 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), Halloweekend_4 (FF), Hunnie_4 (AN), Inspire2_4 (AN), Jessica_5 (AN), 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), Penoan_4 (UNK), 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), Yonex_6 (FF),

Start 149:
• Found in 183 of 2699 (6.8%) of genes in pham
• Manual Annotations of this start: 162 of 2403
• Called 94.0% of time when present
• Phage (with cluster) where this start called: Abelaine_3 (EE), AdoptaAdorbs_2 (AS3), AlexMinion_2 (AS3), Alucard_3 (EE), AmiCi24_2 (AS3), Amphitrite_2 (AS3), Andrew_3 (AS3), Anseraureola_3 (EE), Aries55_3 (EE), Astro16_3 (EE), Avvas_3 (EE), Azaz_2 (AS3), Azizam_3 (EE), Aztec_3 (EE), Babushka_2 (AS3), 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), Camara_2 (AS3), Cayde6_3 (EE), Charbie_3 (EE), Chatham_3 (EE), Cheesecake_3 (EE), Ciel_3 (EE), Clownery_3 (EE), Concrete_3 (EE), DaftyDuck_3 (EE), DanHam62_2 (AS3), 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), Fingolfin_2 (AS3), Gabbspett_3 (EE), Gardevoir_3 (EE), Gillker_3 (EE), Glotell_2 (AS3), 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), Juno112_2 (AS3), KHumphrey_2 (AS3), Kaijohn_3 (EE), KayPaulus_3 (EE), Kevanna_3 (EE), KillerTomato_3 (EE), Kojax4_3 (EE), KyriosFaba_3 (EE), Laphuphu24k_2 (AS3), LaviMo_3 (EE), Leafy_3 (EE), LemonPepper_3 (EE), Leona_2 (AS3), 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), Oppalora_2 (AS3), Otwor_3 (EE), Owens_3 (EE), PaoPu_3 (EE), PhluffyCoco_2 (AS3), Picconator_3 (EE), Picnic_3 (EE), PoRanda_3 (EE), Pondwater_3 (EE), Publix_3 (EE), Puddles3_3 (EE), PuffyCat_3 (EE), Quaker_3 (EE), Rattail_2 (AS3), RedFox_2 (AS3), Renna12_3 (AS3), 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), StuartMinion_2 (AS3), TeddyBoy_3 (EE), TimoTea_3 (EE), TinyTruffula_3 (EE), TomBrady12_3 (EE), Toxicola_3 (EE), Trackstar_3 (EE), Trireme_3 (EE), Tyrellus_3 (EE), Upsilon_3 (EE), Vanisius_3 (EE), Vinye_5 (AN), VitulaEligans_3 (EE), Witch_3 (EE), Wolfpack_3 (EE), Yasuo_3 (EE), YertPhresh_3 (EE), Yubaba_3 (EE), Zahlia_3 (EE),

Start 154:
• Found in 149 of 2699 (5.5%) of genes in pham
• Manual Annotations of this start: 4 of 2403
• Called 4.0% of time when present
• Phage (with cluster) where this start called: Altostratus_2 (FS), Cazares_3 (EE), Khuang_2 (FS), MauiIvory_3 (EE), TlaliMex_3 (EE), Yami_3 (EE),

Start 158:
• Found in 161 of 2699 (6.0%) of genes in pham
• Manual Annotations of this start: 2 of 2403
• Called 1.9% of time when present
• Phage (with cluster) where this start called: Byougenkin_2 (F1), Darwin_15 (EN), Mwanjiwa_2 (F1),

Start 159:
• Found in 7 of 2699 (0.3%) of genes in pham
• Manual Annotations of this start: 6 of 2403
• Called 85.7% 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 160:
• Found in 3 of 2699 (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: WorMMAs_2 (UNK),

Start 161:
• Found in 17 of 2699 (0.6%) of genes in pham
• Manual Annotations of this start: 13 of 2403
• 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 162:
• Found in 8 of 2699 (0.3%) of genes in pham
• Manual Annotations of this start: 7 of 2403
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Applejacks_2 (CD), Gustav_2 (CD), Mahdia_2 (CD), Morrissey_2 (CD), Puppers_2 (CD), Trine_2 (CD), Upyo_2 (CD), Widow_2 (CD),

Start 163:
• Found in 48 of 2699 (1.8%) of genes in pham
• Manual Annotations of this start: 23 of 2403
• Called 52.1% 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 167:
• Found in 32 of 2699 (1.2%) of genes in pham
• Manual Annotations of this start: 4 of 2403
• Called 12.5% of time when present
• Phage (with cluster) where this start called: Adelaide_2 (EP), Bran_2 (EP), Dina_2 (EP), Stiles_2 (EP),

Start 168:
• Found in 1 of 2699 (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: BFK20_ORF2 (singleton),

Start 169:
• Found in 21 of 2699 (0.8%) of genes in pham

• Manual Annotations of this start: 6 of 2403
• Called 28.6% 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 171:
• Found in 102 of 2699 (3.8%) of genes in pham
• Manual Annotations of this start: 84 of 2403
• Called 89.2% 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), Grist_3 (EB), Icarian_4 (EB), 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), 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_4 (EB), QMacho_4 (EB), Quenya_4 (EB), Rollins_2 (EB), Rona_3 (EB), SanaSana_4 (EB), SansAfet_3 (EB), SarBear_3 (EB), 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 172:
• Found in 1 of 2699 (0.0%) of genes in pham
• Manual Annotations of this start: 1 of 2403
• Called 100.0% of time when present
• Phage (with cluster) where this start called: MooKitty_3 (AX),

Start 173:
• Found in 2 of 2699 (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: PFR1_02 (BX), PFR2_02 (BX),

Start 174:
• Found in 20 of 2699 (0.7%) of genes in pham
• Manual Annotations of this start: 5 of 2403
• Called 25.0% of time when present
• Phage (with cluster) where this start called: BronxBay_8 (AW), DoctorPepper_8 (AW), Michelle_8 (AW), Sloopyjoe_8 (AW), Stayer_8 (AW),

Start 176:
• Found in 24 of 2699 (0.9%) of genes in pham
• Manual Annotations of this start: 8 of 2403

• Called 37.5% of time when present
• Phage (with cluster) where this start called: Kudefre_12 (DU1), LilJank_12 (DU2), Min1_37 (singleton), Neville_12 (DU2), Octobien14_13 (DU1), Rabbitrun_14 (DU2), Sephiroth_13 (DU1), Syleon_13 (DU1), Trax_12 (DU2),

Start 177:
• Found in 1 of 2699 (0.0%) of genes in pham
• Manual Annotations of this start: 1 of 2403
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Kimchi1738_12 (EN),

Start 178:
• Found in 2 of 2699 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 2403
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Adaia_3 (AX),

Start 182:
• Found in 41 of 2699 (1.5%) of genes in pham
• Manual Annotations of this start: 15 of 2403
• Called 48.8% 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), Niblet_3 (AS1), Orcanus_3 (AS1), Pelletreau_4 (AS1), 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 183:
• Found in 51 of 2699 (1.9%) of genes in pham
• Manual Annotations of this start: 2 of 2403
• Called 3.9% of time when present
• Phage (with cluster) where this start called: BenitoAntonio_8 (AM), Mooshroom_8 (AM),

Start 184:
• Found in 15 of 2699 (0.6%) of genes in pham
• Manual Annotations of this start: 4 of 2403
• Called 33.3% of time when present
• Phage (with cluster) where this start called: Daddyjeff_12 (JA), Rainydai_7 (BI4), Regigigas_7 (BI4), Sweetclover_13 (JA), Yotsuba_12 (JA),

Start 185:
• Found in 191 of 2699 (7.1%) of genes in pham
• Manual Annotations of this start: 2 of 2403
• Called 2.6% of time when present
• Phage (with cluster) where this start called: BobaPhett_2 (F1), Enzomatic_2 (F1), Fancypants_2 (F1), Polo2Bam_2 (F1), SeaLumen_2 (F1),

Start 186:
• Found in 4 of 2699 (0.1%) of genes in pham
• Manual Annotations of this start: 2 of 2403
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Count_11 (EL), Ditters_7 (BI2),

Start 187:
• Found in 257 of 2699 (9.5%) of genes in pham
• Manual Annotations of this start: 203 of 2403
• Called 94.9% of time when present
• Phage (with cluster) where this start called: Acai_7 (AU1), Aflac_17 (DJ), AlainaMarie_17 (DJ), Aloe25_17 (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), Avazak_13 (DJ), BarbieDoll_8 (AU6), Barbonzobean_7 (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), 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), Hajile_8 (BI1), 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), 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), Natsu_8 (BI2), 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_17 (DJ), Petito_14 (DJ), Phaby_7 (AU2), Phaila_8 (AU6), Phepper_17 (DJ), Pherobrine_14 (DJ), PherryCruz_6 (BI2), 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_17 (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 189:
• Found in 4 of 2699 (0.1%) of genes in pham
• Manual Annotations of this start: 2 of 2403
• Called 50.0% of time when present
• Phage (with cluster) where this start called: AddiRose_12 (JA), Serenabean_12 (JA),

Start 190:
• Found in 33 of 2699 (1.2%) of genes in pham
• Manual Annotations of this start: 1 of 2403
• Called 3.0% of time when present
• Phage (with cluster) where this start called: Bialota_2 (CZ1),

Start 191:
• Found in 156 of 2699 (5.8%) of genes in pham
• Manual Annotations of this start: 2 of 2403
• Called 1.9% of time when present
• Phage (with cluster) where this start called: ElJefes_3 (CT), Kuleana_3 (AS2), SheckWes_3 (CT),

Start 194:
• Found in 4 of 2699 (0.1%) of genes in pham
• Manual Annotations of this start: 4 of 2403
• Called 100.0% of time when present
• Phage (with cluster) where this start called: NoSwimming_4 (FO), RootBeer_2 (FA), Scotia_4 (FO), Shambre1_3 (singleton),

Start 200:
• Found in 209 of 2699 (7.7%) of genes in pham
• No Manual Annotations of this start.
• Called 1.4% of time when present
• Phage (with cluster) where this start called: Jiawan_12 (A9), MegTheThird_11 (A9), VWB_2 (BA),

Start 201:
• Found in 53 of 2699 (2.0%) of genes in pham
• Manual Annotations of this start: 43 of 2403
• Called 96.2% 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), Bridgette_2 (FA), Bunnybear_2 (CZ), ChuckDuck_2 (FA), Constance_2 (FA), Dillpickles_2 (CZ1), Eileen_2 (FA), Elener_3 (singleton), Eudoria_2 (CZ1), Eviarto_2 (CZ1), FosterFrank_2 (FA), GlobiWarming_2 (FA), Henrique_2 (FA), Herod_2 (CZ1), Hugley_2 (CZ1), Hyzer_2 (CZ1), Judy_2 (FA), Karkharias_2 (FA), KayMoney_2 (FA),

Kita_2 (CZ1), LilyBell_2 (FA), LittleRon_2 (FA), Madavieve_2 (CZ1), Madeline_2 (CZ1), Manasvini_2 (CZ1), Maridalia_2 (CZ1), Neobush_2 (CZ1), NidoQ_2 (FA), NikkiHotWheels_2 (FA), Nymphadora_2 (CZ1), Peas_2 (FA), PeggyLeg03_2 (FA), Pepperoni_2 (CZ), Polly_2 (CZ1), Pucara_2 (FA), RavenCo17_2 (CZ8), Rowa_2 (BL), Suscepit_2 (CZ1), SushiChef_2 (CZ), Tayonia_2 (CZ1), ThankyouJordi_2 (CZ1), TimTam_2 (CZ1), Trumpet_2 (CZ1), WelcomeAyanna_2 (CZ1), Zameen_2 (CZ1), Zirinka_2 (CZ1),

Start 202:
• Found in 3 of 2699 (0.1%) of genes in pham
• Manual Annotations of this start: 2 of 2403
• Called 66.7% of time when present
• Phage (with cluster) where this start called: AbbeyMikolon_2 (BL), Mcklovin_3 (CZ4),

Start 207:
• Found in 225 of 2699 (8.3%) of genes in pham
• Manual Annotations of this start: 2 of 2403
• Called 0.9% of time when present
• Phage (with cluster) where this start called: LeoAvram_11 (A4), Skipitt_11 (A4),

Start 208:
• Found in 5 of 2699 (0.2%) of genes in pham
• Manual Annotations of this start: 1 of 2403
• Called 20.0% of time when present
• Phage (with cluster) where this start called: Nesbitt_2 (BL),

Start 213:
• Found in 1 of 2699 (0.0%) of genes in pham
• Manual Annotations of this start: 1 of 2403
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Chymera_2 (singleton),

Start 221:
• Found in 1 of 2699 (0.0%) of genes in pham
• Manual Annotations of this start: 1 of 2403
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Gudmit_3 (singleton),

Start 245:
• Found in 30 of 2699 (1.1%) of genes in pham
• Manual Annotations of this start: 2 of 2403
• Called 6.7% of time when present
• Phage (with cluster) where this start called: AustinPowers_2 (AK), PinkFriday_2 (AK),

Start 246:
• Found in 98 of 2699 (3.6%) of genes in pham
• Manual Annotations of this start: 12 of 2403
• Called 17.3% of time when present
• Phage (with cluster) where this start called: Amelia_4 (AS2), BadWillHunting_4 (AS2), Bedetta_4 (AS2), Bibble12_4 (AS2), 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),

Start 249:
• Found in 4 of 2699 (0.1%) of genes in pham
• No Manual Annotations of this start.
• Called 25.0% of time when present
• Phage (with cluster) where this start called: HotPotato_2 (FA),

Start 252:
• Found in 218 of 2699 (8.1%) of genes in pham
• No Manual Annotations of this start.
• Called 1.8% of time when present
• Phage (with cluster) where this start called: Graynor_5 (AK), MrBoss_5 (AK), Stardom_7 (AM), YoshiYama_7 (AM),

Start 254:
• Found in 357 of 2699 (13.2%) of genes in pham
• No Manual Annotations of this start.
• Called 0.3% of time when present
• Phage (with cluster) where this start called: ChickyNuggy_14 (DJ),

Start 258:
• Found in 166 of 2699 (6.2%) of genes in pham
• Manual Annotations of this start: 2 of 2403
• Called 1.2% of time when present
• Phage (with cluster) where this start called: Ashballer_10 (A1), BobbyDazzler_8 (CA),

Start 266:
• Found in 30 of 2699 (1.1%) of genes in pham
• No Manual Annotations of this start.
• Called 3.3% of time when present
• Phage (with cluster) where this start called: phiBT1_33 (BB1),

Start 268:
• Found in 79 of 2699 (2.9%) of genes in pham
• Manual Annotations of this start: 4 of 2403
• Called 5.1% of time when present
• Phage (with cluster) where this start called: BrotherBLo_5 (AK), Jumboset_5 (AK), Kalizoi_5 (AK), Scuttle_5 (AK),

Start 269:
• Found in 12 of 2699 (0.4%) of genes in pham
• Manual Annotations of this start: 11 of 2403
• Called 91.7% 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 271:
• Found in 36 of 2699 (1.3%) of genes in pham
• Manual Annotations of this start: 3 of 2403

• Called 8.3% of time when present
• Phage (with cluster) where this start called: Euratis_2 (BB1), Shawty_2 (BB1), TG1_2 (BB1),

Start 272:
• Found in 281 of 2699 (10.4%) of genes in pham
• Manual Annotations of this start: 48 of 2403
• Called 18.1% 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 273:
• Found in 1 of 2699 (0.0%) of genes in pham
• Manual Annotations of this start: 1 of 2403
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Lilac_10 (E),

Start 276:
• Found in 4 of 2699 (0.1%) of genes in pham
• Manual Annotations of this start: 4 of 2403
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Heather_2 (BB2), RemusLoopin_2 (BB2), Samora_2 (BB1), Sebastisaurus_2 (BB2),

Start 280:
• Found in 34 of 2699 (1.3%) of genes in pham
• Manual Annotations of this start: 2 of 2403
• Called 5.9% of time when present
• Phage (with cluster) where this start called: Lilbooboo_2 (BB1), Vash_2 (BB1),

Start 311:
• Found in 529 of 2699 (19.6%) 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 335:
• Found in 1 of 2699 (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),

Summary by clusters:

There are 142 clusters represented in this pham: BA, BL, BT, BV, BX, JA, JC, Z, BI6, A21, T, CZ8, CZ1, CZ4, M1, M3, M2, CY7, CY5, CY4, BD6, BD1, BD3, BD2, EL, EO, EN, EH, EE, EB, S, CU4, EP, CR2, CR3, CR1, CR6, CR7, CR4, CR5, singleton, FS, FA, FF, AX, FI, FK, FO, CU5, AZ, CU3, CU2, CU1, AU1, DN4, AU3, AU2, AU5, AU4, DN3, AU6, DU1, DU2, BB2, BB1, AS3, AS2, AS1, AU7, F, CC, CA, CD, CZ, V, UNK, CT, A20, F1, A22, F4, F5, F6, F7, F8, DN, DJ, DA, DY, A15, A14, A17, A16, A11, A10, A13, A12, I1, I3, A19, A18, A1, A3, A2, A5, A4, A7, A6, A9, A8, CY3, CY2, CY1, AB, E, CY6, AG, AF, AH, AK, AM, AN, Q, L4, L2, L3, AW, L1, Y, BI7, BI4, BI5, BI2, BI3, BI1, AZ1, AZ2, AZ3, AZ4, AZ5, AZ6, AZ7,

Info for manual annotations of cluster A1:
•Start number 95 was manually annotated 189 times for cluster A1.
•Start number 107 was manually annotated 24 times for cluster A1.
•Start number 258 was manually annotated 1 time for cluster A1.

Info for manual annotations of cluster A10:
•Start number 95 was manually annotated 17 times for cluster A10.

Info for manual annotations of cluster A11:
•Start number 96 was manually annotated 27 times for cluster A11.

Info for manual annotations of cluster A12:
•Start number 96 was manually annotated 5 times for cluster A12.

Info for manual annotations of cluster A14:
•Start number 96 was manually annotated 5 times for cluster A14.

Info for manual annotations of cluster A15:
•Start number 96 was manually annotated 25 times for cluster A15.

Info for manual annotations of cluster A16:
•Start number 96 was manually annotated 3 times for cluster A16.

Info for manual annotations of cluster A18:
•Start number 111 was manually annotated 1 time for cluster A18.

Info for manual annotations of cluster A19:
•Start number 95 was manually annotated 1 time for cluster A19.

Info for manual annotations of cluster A2:
•Start number 96 was manually annotated 106 times for cluster A2.

Info for manual annotations of cluster A20:
•Start number 105 was manually annotated 1 time for cluster A20.

Info for manual annotations of cluster A22:
•Start number 96 was manually annotated 1 time for cluster A22.

Info for manual annotations of cluster A3:

•Start number 95 was manually annotated 35 times for cluster A3.
•Start number 102 was manually annotated 86 times for cluster A3.

Info for manual annotations of cluster A4:
•Start number 95 was manually annotated 138 times for cluster A4.
•Start number 102 was manually annotated 2 times for cluster A4.
•Start number 122 was manually annotated 1 time for cluster A4.
•Start number 207 was manually annotated 2 times for cluster A4.

Info for manual annotations of cluster A5:
•Start number 52 was manually annotated 19 times for cluster A5.
•Start number 63 was manually annotated 20 times for cluster A5.

Info for manual annotations of cluster A6:
•Start number 96 was manually annotated 48 times for cluster A6.

Info for manual annotations of cluster A7:
•Start number 95 was manually annotated 5 times for cluster A7.

Info for manual annotations of cluster A8:
•Start number 63 was manually annotated 12 times for cluster A8.

Info for manual annotations of cluster A9:
•Start number 96 was manually annotated 22 times for cluster A9.
•Start number 114 was manually annotated 11 times for cluster A9.
•Start number 120 was manually annotated 5 times for cluster A9.

Info for manual annotations of cluster AB:
•Start number 143 was manually annotated 4 times for cluster AB.

Info for manual annotations of cluster AF:
•Start number 69 was manually annotated 2 times for cluster AF.

Info for manual annotations of cluster AG:
•Start number 79 was manually annotated 1 time for cluster AG.
•Start number 80 was manually annotated 1 time for cluster AG.

Info for manual annotations of cluster AH:
•Start number 58 was manually annotated 1 time for cluster AH.

Info for manual annotations of cluster AK:
•Start number 129 was manually annotated 76 times for cluster AK.
•Start number 245 was manually annotated 2 times for cluster AK.
•Start number 246 was manually annotated 2 times for cluster AK.
•Start number 268 was manually annotated 4 times for cluster AK.

Info for manual annotations of cluster AM:
•Start number 183 was manually annotated 2 times for cluster AM.
•Start number 187 was manually annotated 19 times for cluster AM.

Info for manual annotations of cluster AN:
•Start number 93 was manually annotated 1 time for cluster AN.
•Start number 132 was manually annotated 1 time for cluster AN.

•Start number 138 was manually annotated 4 times for cluster AN.
•Start number 146 was manually annotated 39 times for cluster AN.
•Start number 149 was manually annotated 1 time for cluster AN.

Info for manual annotations of cluster AS1:
•Start number 134 was manually annotated 2 times for cluster AS1.
•Start number 182 was manually annotated 15 times for cluster AS1.

Info for manual annotations of cluster AS2:
•Start number 134 was manually annotated 8 times for cluster AS2.
•Start number 191 was manually annotated 1 time for cluster AS2.
•Start number 246 was manually annotated 10 times for cluster AS2.

Info for manual annotations of cluster AS3:
•Start number 134 was manually annotated 2 times for cluster AS3.
•Start number 149 was manually annotated 17 times for cluster AS3.

Info for manual annotations of cluster AU1:
•Start number 187 was manually annotated 20 times for cluster AU1.

Info for manual annotations of cluster AU2:
•Start number 187 was manually annotated 8 times for cluster AU2.

Info for manual annotations of cluster AU3:
•Start number 187 was manually annotated 2 times for cluster AU3.

Info for manual annotations of cluster AU4:
•Start number 187 was manually annotated 3 times for cluster AU4.

Info for manual annotations of cluster AU5:
•Start number 187 was manually annotated 2 times for cluster AU5.

Info for manual annotations of cluster AU6:
•Start number 187 was manually annotated 16 times for cluster AU6.

Info for manual annotations of cluster AU7:
•Start number 187 was manually annotated 2 times for cluster AU7.

Info for manual annotations of cluster AW:
•Start number 174 was manually annotated 5 times for cluster AW.
•Start number 187 was manually annotated 14 times for cluster AW.

Info for manual annotations of cluster AX:
•Start number 142 was manually annotated 2 times for cluster AX.
•Start number 172 was manually annotated 1 time for cluster AX.
•Start number 178 was manually annotated 1 time for cluster AX.

Info for manual annotations of cluster AZ:
•Start number 95 was manually annotated 1 time for cluster AZ.

Info for manual annotations of cluster AZ1:
•Start number 95 was manually annotated 42 times for cluster AZ1.
•Start number 101 was manually annotated 7 times for cluster AZ1.

Info for manual annotations of cluster AZ2:
•Start number 95 was manually annotated 4 times for cluster AZ2.

Info for manual annotations of cluster AZ3:
•Start number 95 was manually annotated 2 times for cluster AZ3.

Info for manual annotations of cluster AZ4:
•Start number 93 was manually annotated 7 times for cluster AZ4.
•Start number 96 was manually annotated 1 time for cluster AZ4.

Info for manual annotations of cluster AZ5:
•Start number 119 was manually annotated 16 times for cluster AZ5.

Info for manual annotations of cluster AZ6:
•Start number 95 was manually annotated 1 time for cluster AZ6.

Info for manual annotations of cluster BB1:
•Start number 271 was manually annotated 3 times for cluster BB1.
•Start number 276 was manually annotated 1 time for cluster BB1.
•Start number 280 was manually annotated 2 times for cluster BB1.

Info for manual annotations of cluster BB2:
•Start number 276 was manually annotated 3 times for cluster BB2.

Info for manual annotations of cluster BD1:
•Start number 73 was manually annotated 45 times for cluster BD1.
•Start number 86 was manually annotated 10 times for cluster BD1.

Info for manual annotations of cluster BD2:
•Start number 73 was manually annotated 32 times for cluster BD2.

Info for manual annotations of cluster BD3:
•Start number 68 was manually annotated 1 time for cluster BD3.
•Start number 73 was manually annotated 14 times for cluster BD3.
•Start number 74 was manually annotated 1 time for cluster BD3.

Info for manual annotations of cluster BD6:
•Start number 73 was manually annotated 4 times for cluster BD6.

Info for manual annotations of cluster BI1:
•Start number 187 was manually annotated 24 times for cluster BI1.

Info for manual annotations of cluster BI2:
•Start number 186 was manually annotated 1 time for cluster BI2.
•Start number 187 was manually annotated 12 times for cluster BI2.

Info for manual annotations of cluster BI3:
•Start number 187 was manually annotated 1 time for cluster BI3.

Info for manual annotations of cluster BI4:

•Start number 184 was manually annotated 1 time for cluster BI4.
•Start number 187 was manually annotated 4 times for cluster BI4.

Info for manual annotations of cluster BI5:
•Start number 187 was manually annotated 2 times for cluster BI5.

Info for manual annotations of cluster BI6:
•Start number 187 was manually annotated 1 time for cluster BI6.

Info for manual annotations of cluster BI7:
•Start number 187 was manually annotated 1 time for cluster BI7.

Info for manual annotations of cluster BL:
•Start number 201 was manually annotated 1 time for cluster BL.
•Start number 202 was manually annotated 1 time for cluster BL.
•Start number 208 was manually annotated 1 time for cluster BL.

Info for manual annotations of cluster BT:
•Start number 141 was manually annotated 2 times for cluster BT.

Info for manual annotations of cluster BV:
•Start number 171 was manually annotated 3 times for cluster BV.

Info for manual annotations of cluster CA:
•Start number 104 was manually annotated 35 times for cluster CA.
•Start number 258 was manually annotated 1 time for cluster CA.

Info for manual annotations of cluster CC:
•Start number 187 was manually annotated 1 time for cluster CC.

Info for manual annotations of cluster CD:
•Start number 162 was manually annotated 7 times for cluster CD.

Info for manual annotations of cluster CR1:
•Start number 111 was manually annotated 3 times for cluster CR1.

Info for manual annotations of cluster CR2:
•Start number 110 was manually annotated 12 times for cluster CR2.
•Start number 111 was manually annotated 7 times for cluster CR2.
•Start number 115 was manually annotated 2 times for cluster CR2.

Info for manual annotations of cluster CR3:
•Start number 111 was manually annotated 6 times for cluster CR3.

Info for manual annotations of cluster CR4:
•Start number 111 was manually annotated 9 times for cluster CR4.

Info for manual annotations of cluster CR5:
•Start number 109 was manually annotated 4 times for cluster CR5.

Info for manual annotations of cluster CR6:
•Start number 111 was manually annotated 6 times for cluster CR6.

Info for manual annotations of cluster CR7:
•Start number 111 was manually annotated 1 time for cluster CR7.

Info for manual annotations of cluster CT:
•Start number 140 was manually annotated 9 times for cluster CT.
•Start number 143 was manually annotated 53 times for cluster CT.
•Start number 191 was manually annotated 1 time for cluster CT.

Info for manual annotations of cluster CU1:
•Start number 99 was manually annotated 2 times for cluster CU1.
•Start number 159 was manually annotated 6 times for cluster CU1.

Info for manual annotations of cluster CU3:
•Start number 99 was manually annotated 1 time for cluster CU3.

Info for manual annotations of cluster CU4:
•Start number 113 was manually annotated 1 time for cluster CU4.

Info for manual annotations of cluster CU5:
•Start number 118 was manually annotated 1 time for cluster CU5.

Info for manual annotations of cluster CY1:
•Start number 71 was manually annotated 9 times for cluster CY1.

Info for manual annotations of cluster CY2:
•Start number 71 was manually annotated 1 time for cluster CY2.

Info for manual annotations of cluster CY3:
•Start number 71 was manually annotated 2 times for cluster CY3.

Info for manual annotations of cluster CY4:
•Start number 71 was manually annotated 2 times for cluster CY4.

Info for manual annotations of cluster CY5:
•Start number 71 was manually annotated 1 time for cluster CY5.

Info for manual annotations of cluster CY6:
•Start number 71 was manually annotated 1 time for cluster CY6.

Info for manual annotations of cluster CY7:
•Start number 71 was manually annotated 1 time for cluster CY7.

Info for manual annotations of cluster CZ:
•Start number 201 was manually annotated 2 times for cluster CZ.

Info for manual annotations of cluster CZ1:
•Start number 190 was manually annotated 1 time for cluster CZ1.
•Start number 201 was manually annotated 25 times for cluster CZ1.

Info for manual annotations of cluster CZ4:
•Start number 202 was manually annotated 1 time for cluster CZ4.

Info for manual annotations of cluster CZ8:
•Start number 201 was manually annotated 1 time for cluster CZ8.

Info for manual annotations of cluster DA:
•Start number 52 was manually annotated 4 times for cluster DA.

Info for manual annotations of cluster DJ:
•Start number 187 was manually annotated 61 times for cluster DJ.

Info for manual annotations of cluster DN:
•Start number 143 was manually annotated 3 times for cluster DN.

Info for manual annotations of cluster DN3:
•Start number 125 was manually annotated 1 time for cluster DN3.
•Start number 143 was manually annotated 1 time for cluster DN3.

Info for manual annotations of cluster DN4:
•Start number 143 was manually annotated 1 time for cluster DN4.

Info for manual annotations of cluster DU1:
•Start number 176 was manually annotated 4 times for cluster DU1.

Info for manual annotations of cluster DU2:
•Start number 176 was manually annotated 4 times for cluster DU2.

Info for manual annotations of cluster DY:
•Start number 161 was manually annotated 7 times for cluster DY.

Info for manual annotations of cluster E:
•Start number 269 was manually annotated 11 times for cluster E.
•Start number 272 was manually annotated 48 times for cluster E.
•Start number 273 was manually annotated 1 time for cluster E.

Info for manual annotations of cluster EB:
•Start number 169 was manually annotated 2 times for cluster EB.
•Start number 171 was manually annotated 81 times for cluster EB.

Info for manual annotations of cluster EE:
•Start number 149 was manually annotated 143 times for cluster EE.
•Start number 154 was manually annotated 2 times for cluster EE.

Info for manual annotations of cluster EH:
•Start number 93 was manually annotated 14 times for cluster EH.
•Start number 111 was manually annotated 1 time for cluster EH.

Info for manual annotations of cluster EL:
•Start number 186 was manually annotated 1 time for cluster EL.
•Start number 187 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 17 was manually annotated 1 time for cluster EN.

•Start number 158 was manually annotated 1 time for cluster EN.
•Start number 177 was manually annotated 1 time for cluster EN.

Info for manual annotations of cluster EO:
•Start number 134 was manually annotated 4 times for cluster EO.

Info for manual annotations of cluster EP:
•Start number 167 was manually annotated 4 times for cluster EP.
•Start number 169 was manually annotated 4 times for cluster EP.

Info for manual annotations of cluster F1:
•Start number 103 was manually annotated 1 time for cluster F1.
•Start number 111 was manually annotated 168 times for cluster F1.
•Start number 129 was manually annotated 3 times for cluster F1.
•Start number 158 was manually annotated 1 time for cluster F1.
•Start number 185 was manually annotated 2 times for cluster F1.

Info for manual annotations of cluster F4:
•Start number 71 was manually annotated 4 times for cluster F4.

Info for manual annotations of cluster F5:
•Start number 143 was manually annotated 1 time for cluster F5.

Info for manual annotations of cluster FA:
•Start number 194 was manually annotated 1 time for cluster FA.
•Start number 201 was manually annotated 13 times for cluster FA.

Info for manual annotations of cluster FF:
•Start number 146 was manually annotated 1 time for cluster FF.
•Start number 163 was manually annotated 22 times for cluster FF.

Info for manual annotations of cluster FK:
•Start number 187 was manually annotated 4 times for cluster FK.

Info for manual annotations of cluster FO:
•Start number 161 was manually annotated 6 times for cluster FO.
•Start number 163 was manually annotated 1 time for cluster FO.
•Start number 194 was manually annotated 2 times for cluster FO.

Info for manual annotations of cluster FS:
•Start number 154 was manually annotated 2 times for cluster FS.

Info for manual annotations of cluster I1:
•Start number 128 was manually annotated 6 times for cluster I1.

Info for manual annotations of cluster JA:
•Start number 184 was manually annotated 3 times for cluster JA.

•Start number 187 was manually annotated 3 times for cluster JA.
•Start number 189 was manually annotated 2 times for cluster JA.

Info for manual annotations of cluster JC:
•Start number 100 was manually annotated 1 time for cluster JC.

Info for manual annotations of cluster L1:
•Start number 93 was manually annotated 13 times for cluster L1.
•Start number 99 was manually annotated 6 times for cluster L1.

Info for manual annotations of cluster L2:
•Start number 93 was manually annotated 32 times for cluster L2.

Info for manual annotations of cluster L3:
•Start number 93 was manually annotated 19 times for cluster L3.

Info for manual annotations of cluster L4:
•Start number 93 was manually annotated 6 times for cluster L4.

Info for manual annotations of cluster M1:
•Start number 130 was manually annotated 15 times for cluster M1.

Info for manual annotations of cluster M2:
•Start number 130 was manually annotated 5 times for cluster M2.
•Start number 132 was manually annotated 1 time for cluster M2.

Info for manual annotations of cluster M3:
•Start number 130 was manually annotated 1 time for cluster M3.

Info for manual annotations of cluster Q:
•Start number 61 was manually annotated 21 times for cluster Q.
•Start number 98 was manually annotated 3 times for cluster Q.

Info for manual annotations of cluster S:
•Start number 143 was manually annotated 20 times for cluster S.

Info for manual annotations of cluster T:
•Start number 31 was manually annotated 1 time for cluster T.
•Start number 66 was manually annotated 6 times for cluster T.

Info for manual annotations of cluster UNK:
•Start number 71 was manually annotated 1 time for cluster UNK.

Info for manual annotations of cluster V:
•Start number 108 was manually annotated 5 times for cluster V.

Info for manual annotations of cluster Y:
•Start number 120 was manually annotated 6 times for cluster Y.

Info for manual annotations of cluster Z:
•Start number 68 was manually annotated 1 time for cluster Z.

Gene Information:

Gene: 20ES_12 Start: 7443, Stop: 9233, Start Num: 96
Candidate Starts for 20ES_12:
(25, 7269), (Start: 96 @7443 has 243 MA's), (179, 7551), (193, 7572), (250, 7680), (408, 7965), (411, 7968), (469, 8076), (510, 8166), (518, 8190), (580, 8307), (584, 8322), (733, 8622), (869, 8808), (901, 8835), (916, 8856), (985, 8952), (1168, 9189), (1191, 9216), (1193, 9219),

Gene: 244_9 Start: 2277, Stop: 3947, Start Num: 272
Candidate Starts for 244_9:
(Start: 272 @2277 has 48 MA's), (309, 2340), (435, 2574), (487, 2676), (570, 2856), (576, 2880), (585, 2898), (595, 2910), (616, 2973), (621, 2985), (642, 3030), (649, 3045), (700, 3123), (728, 3168), (759, 3222), (760, 3228), (814, 3342), (910, 3486), (933, 3522), (1014, 3675), (1022, 3687), (1065, 3744), (1091, 3780), (1124, 3831), (1142, 3867), (1145, 3870), (1193, 3936),

Gene: 32HC_3 Start: 878, Stop: 2545, Start Num: 68
Candidate Starts for 32HC_3:
(55, 851), (Start: 63 @866 has 32 MA's), (Start: 68 @878 has 2 MA's), (255, 1085), (342, 1238), (347, 1244), (478, 1460), (483, 1472), (558, 1631), (591, 1676), (610, 1694), (643, 1781), (653, 1802), (670, 1823), (702, 1868), (756, 1931), (767, 1958), (864, 2120), (869, 2129), (928, 2192), (939, 2207), (972, 2252), (991, 2276), (1070, 2378), (1128, 2447),

Gene: 40AC_15 Start: 9493, Stop: 11244, Start Num: 96
Candidate Starts for 40AC_15:
(Start: 96 @9493 has 243 MA's), (117, 9511), (200, 9622), (231, 9688), (250, 9721), (252, 9724), (411, 10006), (432, 10045), (469, 10114), (479, 10138), (480, 10141), (510, 10204), (518, 10228), (570, 10327), (583, 10357), (584, 10360), (648, 10528), (661, 10546), (800, 10720), (812, 10744), (862, 10807), (916, 10867), (985, 10963), (1070, 11053), (1142, 11167), (1145, 11170), (1168, 11200), (1191, 11227), (1193, 11230),

Gene: 8UZL_5 Start: 1795, Stop: 3459, Start Num: 143
Candidate Starts for 8UZL_5:
(Start: 143 @1795 has 83 MA's), (Start: 182 @1834 has 15 MA's), (200, 1858), (300, 1987), (375, 2119), (378, 2134), (386, 2149), (411, 2194), (434, 2242), (450, 2278), (480, 2335), (497, 2359), (514, 2395), (604, 2593), (609, 2608), (623, 2647), (704, 2794), (800, 2914), (869, 3019), (959, 3127), (981, 3157), (1001, 3184), (1005, 3196), (1047, 3232), (1050, 3235), (1122, 3328), (1157, 3385),

Gene: A6_09 Start: 6581, Stop: 8269, Start Num: 95
Candidate Starts for A6_09:
(Start: 95 @6581 has 435 MA's), (Start: 258 @6761 has 2 MA's), (311, 6845), (327, 6881), (339, 6908), (411, 7031), (430, 7064), (469, 7139), (510, 7229), (518, 7253), (534, 7280), (553, 7328), (620, 7484), (644, 7544), (819, 7778), (832, 7790), (862, 7832), (882, 7853), (908, 7880), (985, 7988), (1070, 8078), (1139, 8183),

Gene: ACFishhook_13 Start: 7110, Stop: 8810, Start Num: 102
Candidate Starts for ACFishhook_13:
(Start: 102 @7110 has 88 MA's), (137, 7158), (253, 7293), (411, 7572), (510, 7770), (550, 7860), (583, 7923), (598, 7962), (644, 8085), (800, 8283), (812, 8307), (813, 8310), (862, 8373), (869, 8385), (882, 8394), (916, 8433), (985, 8529), (1014, 8583), (1070, 8619), (1168, 8766), (1193, 8796), (1196, 8799),

Gene: AEgle_2 Start: 537, Stop: 2243, Start Num: 95
Candidate Starts for AEgle_2:

(Start: 95 @537 has 435 MA's), (Start: 191 @624 has 2 MA's), (379, 909), (411, 966), (422, 987), (436, 1014), (482, 1104), (570, 1278), (710, 1530), (800, 1653), (929, 1833), (985, 1908), (997, 1923), (1081, 2058), (1105, 2094), (1136, 2142), (1150, 2166),

Gene: AFIS_11 Start: 6918, Stop: 8606, Start Num: 95
Candidate Starts for AFIS_11:
(Start: 95 @6918 has 435 MA's), (Start: 258 @7098 has 2 MA's), (311, 7182), (327, 7218), (339, 7245), (411, 7368), (469, 7476), (510, 7566), (518, 7590), (534, 7617), (553, 7665), (620, 7821), (644, 7881), (813, 8106), (819, 8115), (832, 8127), (862, 8169), (882, 8190), (908, 8217), (985, 8325), (1070, 8415), (1139, 8520),

Gene: AGrandiflora_2 Start: 533, Stop: 2239, Start Num: 95
Candidate Starts for AGrandiflora_2:
(Start: 95 @533 has 435 MA's), (379, 905), (411, 962), (436, 1010), (482, 1100), (513, 1154), (570, 1274), (604, 1364), (710, 1526), (800, 1649), (985, 1904), (997, 1919), (1024, 1973), (1081, 2054), (1150, 2162),

Gene: AN3_12 Start: 7428, Stop: 9218, Start Num: 96
Candidate Starts for AN3_12:
(Start: 96 @7428 has 243 MA's), (179, 7536), (193, 7557), (250, 7665), (411, 7953), (469, 8061), (510, 8151), (518, 8175), (580, 8292), (584, 8307), (733, 8607), (869, 8793), (901, 8820), (916, 8841), (985, 8937), (1168, 9174), (1191, 9201), (1193, 9204),

Gene: AN9_15 Start: 7374, Stop: 9164, Start Num: 96
Candidate Starts for AN9_15:
(51, 7296), (77, 7347), (Start: 96 @7374 has 243 MA's), (179, 7482), (193, 7503), (227, 7569), (250, 7611), (262, 7635), (339, 7773), (408, 7893), (411, 7896), (469, 8007), (510, 8097), (518, 8121), (550, 8187), (571, 8223), (583, 8250), (584, 8253), (733, 8553), (800, 8640), (817, 8673), (869, 8739), (901, 8766), (916, 8787), (979, 8871), (985, 8883), (1072, 8976), (1083, 8991), (1168, 9120), (1191, 9147), (1193, 9150),

Gene: ANI8_15 Start: 7374, Stop: 9164, Start Num: 96
Candidate Starts for ANI8_15:
(51, 7296), (77, 7347), (Start: 96 @7374 has 243 MA's), (179, 7482), (193, 7503), (227, 7569), (250, 7611), (262, 7635), (339, 7773), (408, 7893), (411, 7896), (469, 8007), (510, 8097), (518, 8121), (550, 8187), (571, 8223), (583, 8250), (584, 8253), (733, 8553), (800, 8640), (817, 8673), (869, 8739), (901, 8766), (916, 8787), (979, 8871), (985, 8883), (1072, 8976), (1083, 8991), (1168, 9120), (1191, 9147), (1193, 9150),

Gene: Aaronocolus_6 Start: 2402, Stop: 4048, Start Num: 73
Candidate Starts for Aaronocolus_6:
(Start: 73 @2402 has 95 MA's), (Start: 86 @2420 has 10 MA's), (283, 2624), (326, 2705), (400, 2840), (413, 2861), (458, 2948), (497, 3020), (510, 3044), (556, 3143), (584, 3197), (638, 3296), (673, 3356), (806, 3518), (811, 3527), (869, 3617), (901, 3644), (957, 3722), (959, 3725), (985, 3764), (1001, 3785), (1003, 3791), (1010, 3809), (1105, 3905), (1142, 3965),

Gene: AbbeyMikolon_2 Start: 631, Stop: 2349, Start Num: 202
Candidate Starts for AbbeyMikolon_2:
(Start: 182 @601 has 15 MA's), (Start: 202 @631 has 2 MA's), (Start: 208 @643 has 1 MA's), (223, 655), (239, 682), (256, 712), (309, 802), (324, 832), (366, 901), (370, 907), (401, 967), (411, 985), (447, 1063), (487, 1135), (492, 1141), (501, 1156), (506, 1168), (516, 1195), (541, 1261), (549, 1276), (576, 1333), (596, 1360), (627, 1447), (641, 1471), (744, 1645), (810, 1759), (821, 1780), (836, 1810), (856, 1840), (973, 2017), (979, 2032), (1003, 2080), (1011, 2101), (1114, 2233), (1142, 2287), (1145, 2290),

Gene: AbbyPaige_14 Start: 7888, Stop: 9675, Start Num: 96
Candidate Starts for AbbyPaige_14:
(Start: 96 @7888 has 243 MA's), (179, 7996), (193, 8017), (227, 8083), (229, 8089), (250, 8125), (262, 8149), (300, 8212), (408, 8407), (411, 8410), (469, 8518), (510, 8608), (518, 8632), (553, 8707), (580, 8749), (584, 8764), (733, 9064), (869, 9250), (901, 9277), (916, 9298), (985, 9394), (1168, 9631), (1193, 9661),

Gene: AbbysRanger_11 Start: 6893, Stop: 8590, Start Num: 95
Candidate Starts for AbbysRanger_11:
(Start: 95 @6893 has 435 MA's), (Start: 122 @6917 has 1 MA's), (311, 7163), (365, 7268), (408, 7346), (411, 7349), (432, 7388), (469, 7457), (479, 7481), (510, 7547), (550, 7637), (620, 7802), (661, 7889), (685, 7922), (775, 8015), (800, 8063), (812, 8087), (862, 8153), (901, 8192), (916, 8213), (985, 8309), (1167, 8543), (1168, 8546), (1193, 8576), (1196, 8579),

Gene: Abbyshoes_12 Start: 7007, Stop: 8695, Start Num: 95
Candidate Starts for Abbyshoes_12:
(Start: 95 @7007 has 435 MA's), (Start: 258 @7187 has 2 MA's), (311, 7271), (327, 7307), (339, 7334), (411, 7457), (469, 7565), (510, 7655), (518, 7679), (534, 7706), (553, 7754), (591, 7823), (620, 7910), (644, 7970), (813, 8195), (819, 8204), (832, 8216), (862, 8258), (882, 8279), (908, 8306), (985, 8414), (1070, 8504), (1139, 8609),

Gene: Abdiel_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Abdiel_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Abelaine_3 Start: 1092, Stop: 2552, Start Num: 149
Candidate Starts for Abelaine_3:
(Start: 149 @1092 has 162 MA's), (Start: 154 @1098 has 4 MA's), (Start: 272 @1260 has 48 MA's), (278, 1269), (315, 1329), (348, 1398), (366, 1419), (394, 1470), (520, 1674), (592, 1809), (642, 1887), (649, 1902), (674, 1938), (703, 1980), (739, 2013), (765, 2031), (834, 2151), (835, 2154), (848, 2166), (905, 2241), (944, 2304), (958, 2322), (960, 2325), (1098, 2487), (1104, 2496), (1110, 2505), (1135, 2544),

Gene: Abidatro_3 Start: 758, Stop: 2338, Start Num: 182
Candidate Starts for Abidatro_3:
(Start: 134 @692 has 16 MA's), (Start: 182 @758 has 15 MA's), (Start: 246 @854 has 12 MA's), (252, 863), (313, 944), (334, 995), (342, 1010), (364, 1034), (378, 1055), (394, 1088), (464, 1193), (505, 1256), (521, 1307), (526, 1319), (534, 1331), (559, 1388), (581, 1448), (599, 1487), (602, 1496), (628, 1550), (780, 1766), (787, 1778), (804, 1817), (829, 1844), (838, 1859), (862, 1889), (903, 1928), (909, 1937), (915, 1946), (982, 2036), (1002, 2063), (1072, 2177), (1125, 2246),

Gene: Abigail_3 Start: 689, Stop: 2317, Start Num: 171
Candidate Starts for Abigail_3:
(Start: 171 @689 has 84 MA's), (278, 845), (342, 953), (398, 1037), (425, 1079), (464, 1136), (498, 1187), (500, 1190), (521, 1250), (531, 1268), (542, 1298), (558, 1328), (829, 1784), (838, 1799), (1095, 2150), (1129, 2198), (1215, 2306),

Gene: Abrogate_120 Start: 7663, Stop: 9351, Start Num: 95

Candidate Starts for Abrogate_120:
(Start: 95 @7663 has 435 MA's), (311, 7927), (323, 7951), (411, 8113), (430, 8146), (469, 8221), (510, 8311), (518, 8335), (534, 8362), (553, 8410), (620, 8566), (644, 8626), (813, 8851), (819, 8860), (832, 8872), (862, 8914), (882, 8935), (908, 8962), (985, 9070), (1070, 9160), (1139, 9265),

Gene: Acai_7 Start: 3707, Stop: 5446, Start Num: 187
Candidate Starts for Acai_7:
(148, 3653), (Start: 187 @3707 has 203 MA's), (254, 3806), (322, 3926), (323, 3929), (376, 4025), (395, 4067), (413, 4097), (427, 4127), (444, 4175), (454, 4196), (506, 4298), (530, 4367), (539, 4391), (578, 4481), (604, 4553), (634, 4628), (644, 4652), (704, 4757), (726, 4781), (778, 4862), (868, 4976), (876, 4994), (879, 5000), (929, 5063), (931, 5066), (1012, 5204), (1059, 5270), (1071, 5294), (1080, 5306), (1136, 5396), (1139, 5399),

Gene: AceofSpades_2 Start: 553, Stop: 2283, Start Num: 93
Candidate Starts for AceofSpades_2:
(Start: 93 @553 has 92 MA's), (Start: 191 @667 has 2 MA's), (300, 811), (367, 931), (373, 940), (400, 991), (411, 1009), (436, 1057), (482, 1150), (604, 1414), (813, 1726), (929, 1879), (985, 1954), (997, 1969), (1051, 2047), (1081, 2098), (1150, 2206), (1201, 2269),

Gene: Achebe_11 Start: 6881, Stop: 8578, Start Num: 95
Candidate Starts for Achebe_11:
(Start: 95 @6881 has 435 MA's), (Start: 122 @6905 has 1 MA's), (311, 7151), (365, 7256), (408, 7334), (411, 7337), (432, 7376), (469, 7445), (479, 7469), (510, 7535), (550, 7625), (620, 7790), (638, 7835), (661, 7877), (685, 7910), (740, 7976), (798, 8048), (800, 8051), (812, 8075), (862, 8141), (901, 8180), (916, 8201), (985, 8297), (1167, 8531), (1168, 8534), (1193, 8564), (1196, 8567),

Gene: Acme_13 Start: 7354, Stop: 9042, Start Num: 107
Candidate Starts for Acme_13:
(Start: 107 @7354 has 24 MA's), (253, 7525), (Start: 258 @7534 has 2 MA's), (311, 7618), (324, 7645), (327, 7654), (411, 7804), (430, 7837), (469, 7912), (510, 8002), (518, 8026), (534, 8053), (553, 8101), (620, 8257), (644, 8317), (813, 8542), (819, 8551), (832, 8563), (862, 8605), (882, 8626), (908, 8653), (985, 8761), (1070, 8851), (1139, 8956),

Gene: Acolyte_12 Start: 7615, Stop: 9396, Start Num: 96
Candidate Starts for Acolyte_12:
(Start: 96 @7615 has 243 MA's), (200, 7747), (227, 7804), (250, 7846), (339, 8008), (381, 8077), (408, 8128), (411, 8131), (432, 8170), (469, 8239), (510, 8329), (518, 8353), (570, 8452), (584, 8485), (869, 8971), (901, 8998), (916, 9019), (985, 9115), (1168, 9352), (1191, 9379), (1193, 9382),

Gene: Acquire49_4 Start: 1052, Stop: 2635, Start Num: 93
Candidate Starts for Acquire49_4:
(Start: 93 @1052 has 92 MA's), (Start: 99 @1058 has 9 MA's), (238, 1229), (304, 1316), (313, 1334), (316, 1340), (330, 1376), (420, 1514), (422, 1517), (464, 1592), (494, 1646), (496, 1649), (498, 1652), (591, 1820), (632, 1874), (637, 1883), (643, 1898), (653, 1919), (685, 1958), (694, 1979), (699, 1985), (722, 2012), (759, 2054), (776, 2078), (786, 2096), (789, 2105), (790, 2111), (804, 2144), (834, 2177), (862, 2216), (865, 2222), (867, 2225), (912, 2270), (962, 2336), (999, 2387), (1005, 2402), (1008, 2411), (1016, 2426), (1018, 2429), (1125, 2531), (1140, 2558), (1181, 2609), (1183, 2612),

Gene: Adahisdi_12 Start: 7246, Stop: 8934, Start Num: 95
Candidate Starts for Adahisdi_12:
(Start: 95 @7246 has 435 MA's), (311, 7510), (323, 7534), (411, 7696), (430, 7729), (469, 7804), (510, 7894), (518, 7918), (534, 7945), (553, 7993), (620, 8149), (644, 8209), (813, 8434), (819, 8443), (832, 8455), (862, 8497), (882, 8518), (908, 8545), (985, 8653), (1070, 8743), (1139, 8848),

Gene: Adaia_3 Start: 651, Stop: 2057, Start Num: 178
Candidate Starts for Adaia_3:
(Start: 178 @651 has 1 MA's), (214, 693), (248, 744), (255, 759), (316, 843), (330, 879), (334, 888), (337, 891), (347, 909), (422, 1017), (439, 1056), (486, 1128), (488, 1131), (512, 1176), (523, 1209), (536, 1233), (538, 1242), (555, 1266), (694, 1473), (751, 1533), (829, 1650), (948, 1797), (979, 1836), (980, 1839), (1018, 1893), (1052, 1917), (1081, 1929), (1119, 1974), (1162, 2043),

Gene: AddiRose_12 Start: 7437, Stop: 9197, Start Num: 189
Candidate Starts for AddiRose_12:
(Start: 184 @7431 has 4 MA's), (Start: 189 @7437 has 2 MA's), (254, 7533), (399, 7809), (413, 7833), (429, 7866), (444, 7911), (454, 7932), (503, 8025), (530, 8103), (545, 8139), (604, 8289), (644, 8388), (682, 8451), (685, 8460), (726, 8517), (771, 8601), (778, 8613), (876, 8745), (914, 8790), (929, 8814), (931, 8817), (992, 8910), (1018, 8967), (1071, 9045), (1080, 9057), (1114, 9105), (1133, 9138), (1139, 9150),

Gene: Adelaide_2 Start: 371, Stop: 1957, Start Num: 167
Candidate Starts for Adelaide_2:
(Start: 167 @371 has 4 MA's), (Start: 169 @374 has 6 MA's), (Start: 171 @380 has 84 MA's), (288, 551), (313, 629), (317, 638), (420, 812), (490, 914), (494, 920), (500, 929), (505, 938), (525, 998), (547, 1046), (548, 1049), (613, 1112), (649, 1205), (701, 1271), (807, 1427), (823, 1445), (863, 1490), (889, 1532), (918, 1568), (927, 1583), (946, 1610), (948, 1613), (959, 1628), (990, 1661), (1001, 1676), (1024, 1724), (1058, 1772), (1115, 1847), (1166, 1922), (1196, 1946),

Gene: Adnama_10 Start: 2509, Stop: 4179, Start Num: 272
Candidate Starts for Adnama_10:
(Start: 272 @2509 has 48 MA's), (309, 2572), (435, 2806), (487, 2908), (570, 3088), (576, 3112), (585, 3130), (595, 3142), (616, 3205), (621, 3217), (642, 3262), (649, 3277), (700, 3355), (728, 3400), (759, 3454), (760, 3460), (814, 3574), (841, 3622), (910, 3718), (922, 3739), (933, 3754), (1014, 3907), (1022, 3919), (1065, 3976), (1091, 4012), (1124, 4063), (1142, 4099), (1145, 4102), (1193, 4168),

Gene: Adolin_2 Start: 534, Stop: 2240, Start Num: 101
Candidate Starts for Adolin_2:
(13, 240), (15, 243), (Start: 101 @534 has 7 MA's), (Start: 119 @555 has 16 MA's), (Start: 191 @621 has 2 MA's), (379, 906), (411, 963), (482, 1101), (499, 1125), (513, 1155), (532, 1200), (570, 1275), (687, 1488), (710, 1527), (959, 1869), (985, 1905), (997, 1920), (1005, 1938), (1081, 2055), (1105, 2091), (1142, 2151), (1150, 2163),

Gene: AdoptaAdorbs_2 Start: 370, Stop: 1992, Start Num: 149
Candidate Starts for AdoptaAdorbs_2:
(Start: 134 @349 has 16 MA's), (Start: 149 @370 has 162 MA's), (313, 601), (315, 604), (319, 613), (333, 649), (342, 667), (394, 745), (464, 850), (521, 964), (534, 988), (548, 1024), (559, 1045), (569, 1060), (589, 1120), (628, 1204), (780, 1420), (787, 1432), (798, 1459), (829, 1498), (834, 1504), (862, 1543), (889, 1570), (903, 1582), (923, 1615), (932, 1627), (956, 1660), (1072, 1831), (1125, 1900), (1129, 1906), (1144, 1927), (1159, 1948), (1187, 1978), (1190, 1981), (1192, 1984),

Gene: Adumb2043_2 Start: 537, Stop: 2243, Start Num: 95
Candidate Starts for Adumb2043_2:
(Start: 95 @537 has 435 MA's), (Start: 191 @624 has 2 MA's), (379, 909), (411, 966), (422, 987), (436, 1014), (482, 1104), (570, 1278), (710, 1530), (800, 1653), (929, 1833), (985, 1908), (997, 1923), (1081, 2058), (1105, 2094), (1136, 2142), (1142, 2154), (1150, 2166), (1201, 2229),

Gene: Adzzy_13 Start: 6261, Stop: 8045, Start Num: 96

Candidate Starts for Adzzy_13:
(Start: 96 @6261 has 243 MA's), (250, 6492), (300, 6579), (386, 6732), (408, 6774), (411, 6777), (469, 6888), (479, 6912), (480, 6915), (510, 6978), (518, 7002), (584, 7134), (901, 7647), (916, 7668), (979, 7752), (985, 7764), (1072, 7857), (1083, 7872), (1168, 8001), (1191, 8028), (1193, 8031),

Gene: Aeneas_13 Start: 7341, Stop: 9029, Start Num: 95
Candidate Starts for Aeneas_13:
(Start: 95 @7341 has 435 MA's), (311, 7605), (323, 7629), (411, 7791), (430, 7824), (469, 7899), (510, 7989), (518, 8013), (534, 8040), (553, 8088), (620, 8244), (644, 8304), (813, 8529), (819, 8538), (832, 8550), (862, 8592), (882, 8613), (908, 8640), (985, 8748), (1070, 8838), (1139, 8943),

Gene: Aflac_17 Start: 10511, Stop: 12256, Start Num: 187
Candidate Starts for Aflac_17:
(Start: 187 @10511 has 203 MA's), (195, 10517), (252, 10604), (254, 10610), (274, 10646), (302, 10700), (395, 10877), (444, 10985), (454, 11006), (476, 11048), (492, 11075), (530, 11177), (555, 11234), (578, 11291), (582, 11303), (604, 11363), (644, 11462), (647, 11468), (682, 11525), (726, 11591), (868, 11786), (916, 11852), (929, 11873), (931, 11876), (1051, 12056), (1069, 12101), (1071, 12104), (1080, 12116), (1136, 12206), (1139, 12209),

Gene: Agaliana_11 Start: 7055, Stop: 8743, Start Num: 95
Candidate Starts for Agaliana_11:
(Start: 95 @7055 has 435 MA's), (Start: 258 @7235 has 2 MA's), (311, 7319), (327, 7355), (339, 7382), (411, 7505), (469, 7613), (510, 7703), (518, 7727), (553, 7802), (620, 7958), (644, 8018), (813, 8243), (819, 8252), (832, 8264), (862, 8306), (882, 8327), (908, 8354), (985, 8462), (1070, 8552), (1139, 8657),

Gene: Agape74_14 Start: 7888, Stop: 9675, Start Num: 96
Candidate Starts for Agape74_14:
(Start: 96 @7888 has 243 MA's), (179, 7996), (193, 8017), (227, 8083), (229, 8089), (250, 8125), (262, 8149), (300, 8212), (408, 8407), (411, 8410), (469, 8518), (510, 8608), (518, 8632), (553, 8707), (580, 8749), (584, 8764), (733, 9064), (869, 9250), (901, 9277), (916, 9298), (985, 9394), (1168, 9631), (1193, 9661),

Gene: Agatha_4 Start: 1113, Stop: 2792, Start Num: 143
Candidate Starts for Agatha_4:
(Start: 143 @1113 has 83 MA's), (Start: 191 @1164 has 2 MA's), (205, 1185), (Start: 207 @1188 has 2 MA's), (254, 1230), (300, 1311), (334, 1377), (339, 1386), (378, 1458), (386, 1473), (405, 1509), (411, 1518), (434, 1569), (482, 1668), (513, 1722), (532, 1758), (598, 1902), (609, 1938), (623, 1977), (635, 2010), (685, 2091), (697, 2115), (738, 2148), (776, 2181), (798, 2238), (803, 2247), (859, 2331), (882, 2358), (929, 2418), (1001, 2514), (1072, 2586), (1081, 2598), (1165, 2718), (1213, 2778), (1214, 2781),

Gene: AgentM_9 Start: 6239, Stop: 8017, Start Num: 52
Candidate Starts for AgentM_9:
(Start: 52 @6239 has 23 MA's), (Start: 63 @6266 has 32 MA's), (112, 6335), (139, 6374), (196, 6449), (200, 6455), (300, 6587), (339, 6662), (341, 6665), (420, 6800), (439, 6839), (449, 6863), (510, 6971), (526, 7016), (565, 7094), (570, 7100), (632, 7265), (647, 7298), (661, 7319), (800, 7493), (812, 7517), (813, 7520), (862, 7580), (869, 7592), (901, 7619), (916, 7640), (979, 7724), (985, 7736), (1168, 7973), (1196, 8006), (1202, 8012),

Gene: Aglet_13 Start: 6958, Stop: 8658, Start Num: 102
Candidate Starts for Aglet_13:

(Start: 102 @6958 has 88 MA's), (137, 7006), (253, 7141), (362, 7333), (411, 7420), (510, 7618), (550, 7708), (583, 7771), (644, 7933), (800, 8131), (812, 8155), (813, 8158), (862, 8221), (882, 8242), (916, 8281), (985, 8377), (1014, 8431), (1070, 8467), (1168, 8614), (1193, 8644), (1196, 8647),

Gene: AgronaGT15_13 Start: 6865, Stop: 8565, Start Num: 102
Candidate Starts for AgronaGT15_13:
(Start: 102 @6865 has 88 MA's), (137, 6913), (253, 7048), (362, 7240), (411, 7327), (510, 7525), (550, 7615), (583, 7678), (644, 7840), (800, 8038), (812, 8062), (813, 8065), (862, 8128), (882, 8149), (916, 8188), (985, 8284), (1014, 8338), (1070, 8374), (1168, 8521), (1193, 8551), (1196, 8554),

Gene: Agueybana_2 Start: 498, Stop: 2222, Start Num: 201
Candidate Starts for Agueybana_2:
(Start: 190 @483 has 1 MA's), (Start: 201 @498 has 43 MA's), (259, 588), (261, 591), (323, 702), (364, 771), (383, 804), (393, 828), (397, 834), (411, 858), (414, 864), (438, 915), (476, 987), (571, 1185), (590, 1227), (596, 1233), (626, 1317), (641, 1344), (711, 1455), (725, 1482), (780, 1575), (826, 1659), (999, 1932), (1001, 1935), (1003, 1941), (1011, 1962), (1030, 1995), (1034, 2001), (1066, 2049), (1073, 2058), (1091, 2082), (1114, 2100), (1145, 2157), (1194, 2214),

Gene: AikoCarson_3 Start: 805, Stop: 2487, Start Num: 143
Candidate Starts for AikoCarson_3:
(Start: 143 @805 has 83 MA's), (Start: 191 @856 has 2 MA's), (205, 877), (Start: 207 @880 has 2 MA's), (300, 1003), (324, 1042), (326, 1048), (334, 1069), (386, 1165), (405, 1201), (411, 1210), (434, 1261), (440, 1279), (482, 1360), (497, 1381), (513, 1414), (532, 1450), (598, 1594), (609, 1630), (623, 1669), (635, 1702), (661, 1750), (685, 1783), (697, 1807), (738, 1840), (798, 1930), (800, 1933), (803, 1939), (859, 2023), (862, 2029), (901, 2068), (929, 2110), (1110, 2329), (1165, 2410), (1213, 2473), (1214, 2476),

Gene: AinMach_2 Start: 571, Stop: 2274, Start Num: 95
Candidate Starts for AinMach_2:
(Start: 95 @571 has 435 MA's), (373, 928), (400, 979), (411, 997), (482, 1138), (513, 1192), (514, 1195), (570, 1312), (584, 1345), (642, 1459), (778, 1645), (800, 1687), (985, 1942), (997, 1957), (1005, 1975), (1008, 1984), (1024, 2011), (1060, 2059), (1105, 2125), (1150, 2197), (1178, 2230),

Gene: Airmid_9 Start: 6013, Stop: 7764, Start Num: 63
Candidate Starts for Airmid_9:
(Start: 52 @5986 has 23 MA's), (Start: 63 @6013 has 32 MA's), (Start: 105 @6073 has 1 MA's), (112, 6082), (139, 6121), (196, 6196), (200, 6202), (339, 6409), (341, 6412), (439, 6586), (510, 6718), (526, 6763), (565, 6841), (570, 6847), (632, 7012), (647, 7045), (661, 7066), (800, 7240), (812, 7264), (901, 7366), (916, 7387), (954, 7441), (979, 7471), (985, 7483), (1014, 7537), (1167, 7717), (1168, 7720), (1196, 7753), (1202, 7759),

Gene: Ajay_11 Start: 7051, Stop: 8739, Start Num: 95
Candidate Starts for Ajay_11:
(Start: 95 @7051 has 435 MA's), (311, 7315), (323, 7339), (411, 7501), (430, 7534), (469, 7609), (510, 7699), (518, 7723), (553, 7798), (620, 7954), (622, 7963), (642, 8011), (644, 8014), (813, 8239), (819, 8248), (832, 8260), (862, 8302), (882, 8323), (908, 8350), (985, 8458), (1070, 8548), (1139, 8653),

Gene: Akhila_3 Start: 1235, Stop: 2872, Start Num: 111
Candidate Starts for Akhila_3:
(Start: 111 @1235 has 202 MA's), (Start: 125 @1250 has 1 MA's), (Start: 129 @1259 has 79 MA's), (133, 1265), (Start: 158 @1292 has 2 MA's), (Start: 185 @1316 has 2 MA's), (188, 1319), (224, 1382), (230, 1400), (244, 1421), (312, 1508), (315, 1514), (352, 1568), (369, 1580), (381, 1601), (383, 1604), (392, 1625), (404, 1646), (415, 1661), (440, 1718), (461, 1757), (502, 1826), (505, 1832), (514, 1862),

(515, 1865), (518, 1874), (523, 1889), (534, 1907), (557, 1958), (604, 2060), (711, 2231), (726, 2243), (748, 2261), (800, 2327), (816, 2357), (818, 2360), (820, 2363), (869, 2420), (884, 2435), (889, 2441), (893, 2444), (901, 2459), (908, 2468), (957, 2537), (982, 2567), (988, 2576), (1006, 2609), (1024, 2642), (1069, 2669), (1094, 2702), (1112, 2729), (1114, 2732), (1127, 2753), (1139, 2777), (1142, 2786), (1145, 2789), (1184, 2846),

Gene: Akino08_3 Start: 952, Stop: 2577, Start Num: 171
Candidate Starts for Akino08_3:
(Start: 171 @952 has 84 MA's), (198, 988), (278, 1108), (342, 1216), (360, 1231), (398, 1300), (426, 1345), (498, 1450), (500, 1453), (521, 1513), (531, 1531), (532, 1534), (542, 1561), (558, 1591), (628, 1753), (782, 1969), (829, 2044), (837, 2056), (1095, 2410),

Gene: AlainaMarie_17 Start: 10501, Stop: 12246, Start Num: 187
Candidate Starts for AlainaMarie_17:
(Start: 187 @10501 has 203 MA's), (195, 10507), (252, 10594), (254, 10600), (274, 10636), (302, 10690), (309, 10696), (361, 10792), (395, 10867), (444, 10975), (454, 10996), (492, 11065), (530, 11167), (555, 11224), (578, 11281), (582, 11293), (604, 11353), (644, 11452), (647, 11458), (682, 11515), (726, 11581), (863, 11767), (868, 11776), (899, 11818), (916, 11842), (929, 11863), (931, 11866), (1069, 12091), (1071, 12094), (1080, 12106), (1136, 12196), (1139, 12199),

Gene: Alatin_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Alatin_8:
(Start: 104 @3156 has 36 MA's), (Start: 258 @3342 has 2 MA's), (300, 3414), (311, 3426), (323, 3450), (327, 3462), (411, 3615), (420, 3630), (449, 3690), (510, 3798), (534, 3855), (618, 4053), (623, 4071), (647, 4125), (742, 4236), (778, 4269), (800, 4311), (817, 4344), (869, 4413), (985, 4557), (1010, 4602), (1081, 4662), (1142, 4761), (1168, 4794), (1191, 4821), (1193, 4824), (1196, 4827),

Gene: Albanese_5 Start: 3132, Stop: 4697, Start Num: 129
Candidate Starts for Albanese_5:
(Start: 129 @3132 has 79 MA's), (Start: 246 @3306 has 12 MA's), (Start: 268 @3342 has 4 MA's), (313, 3396), (330, 3438), (342, 3462), (425, 3588), (485, 3702), (496, 3717), (500, 3723), (521, 3783), (548, 3843), (625, 3942), (637, 3972), (672, 4035), (692, 4068), (768, 4155), (804, 4230), (834, 4263), (861, 4299), (923, 4374), (939, 4395), (982, 4416), (1022, 4485), (1095, 4563), (1122, 4602), (1144, 4632), (1151, 4644), (1192, 4683), (1204, 4692),

Gene: Albedo_3 Start: 677, Stop: 2305, Start Num: 171
Candidate Starts for Albedo_3:
(Start: 171 @677 has 84 MA's), (278, 833), (342, 941), (398, 1025), (415, 1049), (425, 1067), (464, 1124), (498, 1175), (500, 1178), (521, 1238), (531, 1256), (542, 1286), (558, 1316), (829, 1772), (838, 1787), (1095, 2138), (1129, 2186), (1215, 2294),

Gene: Albee_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Albee_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Alberto7_12 Start: 7189, Stop: 8886, Start Num: 95
Candidate Starts for Alberto7_12:
(Start: 95 @7189 has 435 MA's), (Start: 122 @7213 has 1 MA's), (Start: 207 @7336 has 2 MA's), (293, 7426), (311, 7459), (362, 7558), (408, 7642), (411, 7645), (432, 7684), (469, 7753), (479, 7777), (510,

7843), (550, 7933), (620, 8098), (661, 8185), (685, 8218), (740, 8284), (798, 8356), (800, 8359), (812, 8383), (852, 8434), (862, 8449), (901, 8488), (916, 8509), (985, 8605), (1168, 8842), (1193, 8872), (1196, 8875),

Gene: Albright_3 Start: 689, Stop: 2317, Start Num: 171
Candidate Starts for Albright_3:
(Start: 171 @689 has 84 MA's), (278, 845), (342, 953), (398, 1037), (425, 1079), (464, 1136), (498, 1187), (500, 1190), (521, 1250), (531, 1268), (542, 1298), (558, 1328), (829, 1784), (838, 1799), (1095, 2150), (1129, 2198), (1215, 2306),

Gene: Aldrich_12 Start: 7559, Stop: 9247, Start Num: 95
Candidate Starts for Aldrich_12:
(Start: 95 @7559 has 435 MA's), (Start: 258 @7739 has 2 MA's), (311, 7823), (327, 7859), (339, 7886), (411, 8009), (430, 8042), (469, 8117), (510, 8207), (518, 8231), (534, 8258), (553, 8306), (591, 8375), (615, 8450), (620, 8462), (622, 8471), (644, 8522), (813, 8747), (819, 8756), (832, 8768), (862, 8810), (882, 8831), (908, 8858), (985, 8966), (1070, 9056), (1139, 9161),

Gene: Aledel_2 Start: 429, Stop: 1994, Start Num: 129
Candidate Starts for Aledel_2:
(Start: 129 @429 has 79 MA's), (Start: 245 @600 has 2 MA's), (313, 693), (342, 759), (364, 783), (394, 837), (464, 966), (521, 1080), (548, 1140), (564, 1170), (637, 1269), (642, 1284), (692, 1365), (768, 1452), (804, 1527), (806, 1530), (834, 1560), (907, 1644), (939, 1692), (983, 1716), (1054, 1806), (1095, 1860), (1151, 1941), (1192, 1980),

Gene: AlexMinion_2 Start: 373, Stop: 1995, Start Num: 149
Candidate Starts for AlexMinion_2:
(Start: 134 @352 has 16 MA's), (Start: 149 @373 has 162 MA's), (Start: 246 @514 has 12 MA's), (313, 604), (319, 616), (333, 652), (342, 670), (394, 748), (464, 853), (500, 907), (505, 916), (521, 967), (534, 991), (548, 1027), (559, 1048), (589, 1123), (628, 1207), (780, 1423), (787, 1435), (798, 1462), (829, 1501), (834, 1507), (862, 1546), (903, 1585), (923, 1618), (956, 1663), (1038, 1780), (1057, 1816), (1072, 1834), (1125, 1903), (1129, 1909), (1144, 1930), (1187, 1981), (1190, 1984),

Gene: Aliter_13 Start: 8037, Stop: 9824, Start Num: 96
Candidate Starts for Aliter_13:
(Start: 96 @8037 has 243 MA's), (Start: 114 @8052 has 11 MA's), (Start: 120 @8058 has 11 MA's), (200, 8169), (250, 8268), (339, 8430), (381, 8502), (411, 8556), (432, 8595), (469, 8667), (510, 8757), (518, 8781), (580, 8898), (584, 8913), (622, 9021), (659, 9096), (685, 9132), (717, 9192), (806, 9312), (817, 9333), (852, 9372), (901, 9426), (904, 9429), (916, 9447), (954, 9501), (979, 9531), (985, 9543), (1070, 9633), (1083, 9651), (1168, 9780), (1191, 9807), (1193, 9810),

Gene: AllBusiness_5 Start: 1989, Stop: 3686, Start Num: 163
Candidate Starts for AllBusiness_5:
(121, 1929), (Start: 163 @1989 has 23 MA's), (233, 2109), (Start: 246 @2130 has 12 MA's), (278, 2178), (315, 2223), (316, 2226), (333, 2268), (342, 2286), (345, 2289), (347, 2292), (364, 2310), (464, 2469), (500, 2523), (521, 2583), (559, 2664), (586, 2739), (642, 2895), (692, 2961), (699, 2976), (789, 3123), (801, 3156), (838, 3204), (869, 3246), (932, 3318), (983, 3360), (1008, 3402), (1072, 3477), (1075, 3480), (1125, 3549), (1181, 3627), (1215, 3675),

Gene: Alma_13 Start: 8116, Stop: 9903, Start Num: 96
Candidate Starts for Alma_13:
(Start: 96 @8116 has 243 MA's), (Start: 114 @8131 has 11 MA's), (Start: 120 @8137 has 11 MA's), (200, 8248), (250, 8347), (339, 8509), (381, 8581), (411, 8635), (432, 8674), (469, 8746), (510, 8836), (518, 8860), (580, 8977), (584, 8992), (622, 9100), (659, 9175), (685, 9211), (717, 9271), (806, 9391),

(817, 9412), (852, 9451), (901, 9505), (904, 9508), (916, 9526), (954, 9580), (979, 9610), (985, 9622), (1070, 9712), (1083, 9730), (1168, 9859), (1191, 9886), (1193, 9889),

Gene: Aloe25_17 Start: 10301, Stop: 12046, Start Num: 187
Candidate Starts for Aloe25_17:
(Start: 187 @10301 has 203 MA's), (195, 10307), (252, 10394), (254, 10400), (274, 10436), (302, 10490), (395, 10667), (420, 10712), (444, 10775), (454, 10796), (492, 10865), (530, 10967), (555, 11024), (578, 11081), (582, 11093), (604, 11153), (644, 11252), (647, 11258), (682, 11315), (726, 11381), (868, 11576), (899, 11618), (916, 11642), (929, 11663), (931, 11666), (1071, 11894), (1080, 11906), (1136, 11996), (1139, 11999),

Gene: Alpacados_7 Start: 3118, Stop: 4800, Start Num: 104
Candidate Starts for Alpacados_7:
(Start: 104 @3118 has 36 MA's), (Start: 258 @3304 has 2 MA's), (300, 3376), (311, 3388), (323, 3412), (327, 3424), (420, 3592), (449, 3652), (479, 3709), (480, 3712), (510, 3760), (618, 4015), (623, 4033), (647, 4087), (778, 4231), (800, 4273), (817, 4306), (862, 4363), (869, 4375), (985, 4519), (1010, 4564), (1081, 4624), (1142, 4723), (1168, 4756), (1191, 4783), (1193, 4786), (1196, 4789),

Gene: AlpineSix_2 Start: 605, Stop: 2218, Start Num: 129
Candidate Starts for AlpineSix_2:
(Start: 103 @578 has 1 MA's), (Start: 111 @581 has 202 MA's), (Start: 129 @605 has 79 MA's), (Start: 158 @638 has 2 MA's), (Start: 185 @662 has 2 MA's), (188, 665), (224, 728), (244, 767), (312, 854), (315, 860), (352, 914), (377, 938), (381, 947), (383, 950), (392, 971), (404, 992), (440, 1064), (461, 1103), (502, 1172), (505, 1178), (514, 1208), (515, 1211), (518, 1220), (523, 1235), (534, 1253), (557, 1304), (601, 1397), (604, 1406), (711, 1577), (726, 1589), (800, 1673), (816, 1703), (818, 1706), (820, 1709), (869, 1766), (884, 1781), (889, 1787), (893, 1790), (901, 1805), (908, 1814), (957, 1883), (982, 1913), (988, 1922), (1006, 1955), (1024, 1988), (1069, 2015), (1094, 2048), (1107, 2069), (1112, 2075), (1114, 2078), (1127, 2099), (1139, 2123), (1142, 2132), (1145, 2135), (1184, 2192),

Gene: Alsaber_7 Start: 2515, Stop: 4161, Start Num: 73
Candidate Starts for Alsaber_7:
(Start: 68 @2506 has 2 MA's), (Start: 73 @2515 has 95 MA's), (Start: 74 @2518 has 1 MA's), (Start: 86 @2533 has 10 MA's), (283, 2737), (300, 2773), (326, 2818), (378, 2911), (386, 2926), (400, 2953), (405, 2962), (413, 2974), (458, 3061), (480, 3109), (510, 3157), (556, 3256), (580, 3295), (638, 3409), (647, 3430), (673, 3469), (743, 3550), (800, 3619), (803, 3625), (811, 3640), (852, 3703), (957, 3835), (985, 3877), (1003, 3904), (1010, 3922), (1142, 4078),

Gene: Alsfro_15 Start: 7794, Stop: 9482, Start Num: 95
Candidate Starts for Alsfro_15:
(Start: 95 @7794 has 435 MA's), (311, 8058), (323, 8082), (411, 8244), (430, 8277), (469, 8352), (510, 8442), (518, 8466), (534, 8493), (553, 8541), (591, 8610), (620, 8697), (622, 8706), (642, 8754), (644, 8757), (819, 8991), (832, 9003), (862, 9045), (882, 9066), (908, 9093), (985, 9201), (1070, 9291), (1139, 9396),

Gene: Altjira_7 Start: 3413, Stop: 5146, Start Num: 187
Candidate Starts for Altjira_7:
(Start: 187 @3413 has 203 MA's), (254, 3512), (302, 3602), (388, 3749), (413, 3797), (444, 3875), (451, 3893), (454, 3896), (492, 3965), (530, 4067), (539, 4091), (570, 4148), (604, 4253), (644, 4352), (661, 4382), (685, 4424), (726, 4481), (771, 4550), (778, 4562), (868, 4676), (876, 4694), (929, 4763), (931, 4766), (1059, 4970), (1071, 4994), (1080, 5006), (1089, 5018), (1112, 5051), (1136, 5096), (1139, 5099),

Gene: Altman_12 Start: 7589, Stop: 9277, Start Num: 95

Candidate Starts for Altman_12:
(Start: 95 @7589 has 435 MA's), (311, 7853), (323, 7877), (411, 8039), (430, 8072), (469, 8147), (510, 8237), (518, 8261), (534, 8288), (553, 8336), (620, 8492), (644, 8552), (819, 8786), (832, 8798), (862, 8840), (882, 8861), (908, 8888), (985, 8996), (1070, 9086), (1139, 9191),

Gene: Altostratus_2 Start: 390, Stop: 1988, Start Num: 154
Candidate Starts for Altostratus_2:
(Start: 104 @318 has 36 MA's), (Start: 154 @390 has 4 MA's), (233, 507), (319, 630), (464, 918), (500, 972), (505, 981), (520, 1029), (548, 1092), (550, 1095), (709, 1371), (722, 1383), (788, 1470), (796, 1494), (801, 1503), (834, 1542), (857, 1569), (858, 1572), (912, 1632), (990, 1704), (1024, 1767), (1054, 1788), (1057, 1797), (1093, 1836), (1113, 1863), (1170, 1950), (1174, 1956),

Gene: Alucard_3 Start: 1074, Stop: 2534, Start Num: 149
Candidate Starts for Alucard_3:
(Start: 149 @1074 has 162 MA's), (Start: 154 @1080 has 4 MA's), (Start: 272 @1242 has 48 MA's), (278, 1251), (315, 1311), (348, 1380), (366, 1401), (394, 1452), (520, 1656), (642, 1869), (649, 1884), (674, 1920), (703, 1962), (739, 1995), (765, 2013), (834, 2133), (835, 2136), (848, 2148), (905, 2223), (944, 2286), (958, 2304), (960, 2307), (1098, 2469), (1104, 2478), (1110, 2487), (1135, 2526),

Gene: AlumE_2 Start: 498, Stop: 2222, Start Num: 201
Candidate Starts for AlumE_2:
(Start: 190 @483 has 1 MA's), (Start: 201 @498 has 43 MA's), (259, 588), (383, 804), (393, 828), (397, 834), (411, 858), (438, 915), (476, 987), (571, 1185), (590, 1227), (596, 1233), (626, 1317), (641, 1344), (711, 1455), (725, 1482), (826, 1659), (999, 1932), (1001, 1935), (1003, 1941), (1011, 1962), (1034, 2001), (1066, 2049), (1073, 2058), (1091, 2082), (1114, 2100), (1145, 2157), (1194, 2214),

Gene: Alvin_12 Start: 7262, Stop: 8950, Start Num: 95
Candidate Starts for Alvin_12:
(Start: 95 @7262 has 435 MA's), (311, 7526), (323, 7550), (411, 7712), (430, 7745), (469, 7820), (510, 7910), (518, 7934), (534, 7961), (553, 8009), (620, 8165), (644, 8225), (813, 8450), (819, 8459), (832, 8471), (862, 8513), (882, 8534), (908, 8561), (985, 8669), (1070, 8759), (1139, 8864),

Gene: Alvy_8 Start: 2347, Stop: 3993, Start Num: 73
Candidate Starts for Alvy_8:
(Start: 73 @2347 has 95 MA's), (Start: 207 @2497 has 2 MA's), (311, 2617), (326, 2650), (378, 2743), (386, 2758), (400, 2785), (413, 2806), (458, 2893), (497, 2965), (510, 2989), (556, 3088), (574, 3124), (616, 3229), (648, 3265), (673, 3301), (687, 3319), (798, 3448), (800, 3451), (806, 3463), (811, 3472), (813, 3478), (815, 3481), (869, 3562), (901, 3589), (959, 3670), (985, 3709), (1001, 3730), (1010, 3754), (1067, 3796), (1081, 3814), (1142, 3910), (1204, 3988),

Gene: Amanises_4 Start: 958, Stop: 2538, Start Num: 182
Candidate Starts for Amanises_4:
(Start: 134 @892 has 16 MA's), (Start: 182 @958 has 15 MA's), (Start: 246 @1054 has 12 MA's), (252, 1063), (255, 1072), (297, 1117), (313, 1144), (319, 1156), (334, 1195), (342, 1210), (364, 1234), (378, 1255), (505, 1456), (521, 1507), (548, 1567), (559, 1588), (581, 1648), (593, 1678), (599, 1687), (628, 1750), (787, 1978), (804, 2017), (829, 2044), (838, 2059), (862, 2089), (903, 2128), (956, 2206), (982, 2236), (1002, 2263), (1125, 2446), (1129, 2452), (1144, 2473), (1190, 2527),

Gene: Amao_9 Start: 2303, Stop: 3973, Start Num: 269
Candidate Starts for Amao_9:
(Start: 269 @2303 has 11 MA's), (435, 2600), (487, 2702), (570, 2882), (576, 2906), (585, 2924), (595, 2936), (616, 2999), (621, 3011), (642, 3056), (649, 3071), (700, 3149), (728, 3194), (759, 3248), (760, 3254), (814, 3368), (910, 3512), (933, 3548), (1014, 3701), (1022, 3713), (1065, 3770), (1091, 3806),

(1124, 3857), (1142, 3893), (1145, 3896), (1193, 3962),

Gene: Amela_6 Start: 2575, Stop: 4221, Start Num: 73
Candidate Starts for Amela_6:
(Start: 68 @2566 has 2 MA's), (Start: 73 @2575 has 95 MA's), (Start: 74 @2578 has 1 MA's), (Start: 86 @2593 has 10 MA's), (150, 2647), (Start: 167 @2671 has 4 MA's), (283, 2797), (326, 2878), (378, 2971), (386, 2986), (400, 3013), (405, 3022), (413, 3034), (458, 3121), (480, 3169), (510, 3217), (556, 3316), (580, 3355), (638, 3469), (647, 3490), (673, 3529), (800, 3679), (803, 3685), (811, 3700), (817, 3712), (852, 3763), (901, 3817), (957, 3895), (959, 3898), (985, 3937), (1003, 3964), (1010, 3982), (1142, 4138),

Gene: Amelia_4 Start: 1013, Stop: 2494, Start Num: 246
Candidate Starts for Amelia_4:
(Start: 134 @848 has 16 MA's), (Start: 246 @1013 has 12 MA's), (Start: 272 @1052 has 48 MA's), (313, 1103), (319, 1115), (333, 1151), (342, 1169), (464, 1352), (521, 1466), (526, 1478), (548, 1526), (559, 1547), (569, 1562), (589, 1619), (787, 1934), (829, 2000), (837, 2012), (862, 2045), (903, 2084), (909, 2093), (912, 2096), (956, 2162), (982, 2192), (1008, 2237), (1038, 2279), (1054, 2306), (1055, 2309), (1125, 2402), (1129, 2408), (1144, 2429), (1151, 2441), (1187, 2480), (1190, 2483),

Gene: AmericanBeauty_10 Start: 2506, Stop: 4176, Start Num: 272
Candidate Starts for AmericanBeauty_10:
(Start: 272 @2506 has 48 MA's), (309, 2569), (435, 2803), (487, 2905), (570, 3085), (576, 3109), (585, 3127), (595, 3139), (616, 3202), (621, 3214), (642, 3259), (649, 3274), (700, 3352), (728, 3397), (759, 3451), (760, 3457), (814, 3571), (841, 3619), (910, 3715), (922, 3736), (933, 3751), (1014, 3904), (1022, 3916), (1065, 3973), (1091, 4009), (1124, 4060), (1142, 4096), (1145, 4099), (1193, 4165),

Gene: Amethyst_6 Start: 2142, Stop: 3791, Start Num: 73
Candidate Starts for Amethyst_6:
(Start: 73 @2142 has 95 MA's), (Start: 167 @2241 has 4 MA's), (262, 2340), (283, 2367), (311, 2415), (326, 2448), (386, 2556), (400, 2583), (413, 2604), (437, 2649), (458, 2691), (497, 2763), (510, 2787), (556, 2886), (574, 2922), (584, 2940), (647, 3060), (648, 3063), (673, 3099), (743, 3180), (775, 3201), (811, 3270), (817, 3282), (852, 3333), (901, 3387), (985, 3507), (1001, 3528), (1010, 3552), (1081, 3612), (1142, 3708), (1204, 3786),

Gene: AmiCi24_2 Start: 370, Stop: 1992, Start Num: 149
Candidate Starts for AmiCi24_2:
(Start: 134 @349 has 16 MA's), (Start: 149 @370 has 162 MA's), (313, 601), (315, 604), (319, 613), (333, 649), (342, 667), (394, 745), (464, 850), (521, 964), (534, 988), (548, 1024), (559, 1045), (569, 1060), (589, 1120), (628, 1204), (780, 1420), (787, 1432), (798, 1459), (829, 1498), (834, 1504), (862, 1543), (889, 1570), (903, 1582), (923, 1615), (932, 1627), (956, 1660), (1072, 1831), (1125, 1900), (1129, 1906), (1144, 1927), (1159, 1948), (1187, 1978), (1190, 1981), (1192, 1984),

Gene: Amochick_5 Start: 1855, Stop: 3489, Start Num: 61
Candidate Starts for Amochick_5:
(Start: 61 @1855 has 21 MA's), (Start: 98 @1894 has 3 MA's), (156, 1942), (Start: 280 @2113 has 2 MA's), (313, 2152), (421, 2332), (427, 2341), (431, 2350), (464, 2413), (468, 2419), (511, 2503), (512, 2506), (513, 2509), (558, 2605), (559, 2608), (564, 2617), (621, 2683), (643, 2713), (658, 2740), (685, 2773), (696, 2794), (698, 2797), (767, 2893), (779, 2914), (829, 3004), (859, 3046), (869, 3064), (872, 3070), (932, 3133), (936, 3139), (939, 3142), (972, 3187), (979, 3193), (999, 3220), (1005, 3235), (1046, 3286), (1053, 3295), (1068, 3310), (1070, 3313), (1102, 3352), (1116, 3367), (1123, 3382), (1126, 3385), (1197, 3463), (1203, 3469),

Gene: Amok_3 Start: 806, Stop: 2488, Start Num: 143

Candidate Starts for Amok_3:
(Start: 143 @806 has 83 MA's), (Start: 191 @857 has 2 MA's), (205, 878), (Start: 207 @881 has 2 MA's), (326, 1049), (339, 1079), (378, 1151), (386, 1166), (405, 1202), (411, 1211), (413, 1214), (434, 1262), (469, 1331), (482, 1361), (497, 1382), (514, 1418), (532, 1451), (583, 1556), (598, 1595), (609, 1631), (623, 1670), (635, 1703), (661, 1751), (685, 1784), (697, 1808), (738, 1841), (803, 1940), (806, 1946), (859, 2024), (901, 2069), (929, 2111), (1001, 2207), (1110, 2330), (1165, 2411), (1213, 2474), (1214, 2477),

Gene: Amphitrite_2 Start: 368, Stop: 1990, Start Num: 149
Candidate Starts for Amphitrite_2:
(Start: 134 @347 has 16 MA's), (Start: 149 @368 has 162 MA's), (313, 599), (315, 602), (319, 611), (333, 647), (342, 665), (394, 743), (464, 848), (521, 962), (534, 986), (548, 1022), (559, 1043), (569, 1058), (589, 1118), (628, 1202), (780, 1418), (787, 1430), (798, 1457), (829, 1496), (834, 1502), (862, 1541), (889, 1568), (903, 1580), (923, 1613), (932, 1625), (956, 1658), (1057, 1811), (1072, 1829), (1125, 1898), (1129, 1904), (1144, 1925), (1159, 1946), (1187, 1976), (1190, 1979), (1192, 1982),

Gene: Amploria_2 Start: 537, Stop: 2243, Start Num: 95
Candidate Starts for Amploria_2:
(Start: 95 @537 has 435 MA's), (Start: 191 @624 has 2 MA's), (379, 909), (411, 966), (422, 987), (436, 1014), (482, 1104), (570, 1278), (710, 1530), (800, 1653), (929, 1833), (985, 1908), (997, 1923), (1081, 2058), (1105, 2094), (1136, 2142), (1142, 2154), (1150, 2166),

Gene: Amyev_2 Start: 533, Stop: 2239, Start Num: 95
Candidate Starts for Amyev_2:
(Start: 95 @533 has 435 MA's), (Start: 176 @599 has 8 MA's), (379, 905), (411, 962), (422, 983), (436, 1010), (482, 1100), (513, 1154), (532, 1199), (570, 1274), (710, 1526), (800, 1649), (929, 1829), (985, 1904), (997, 1919), (1081, 2054), (1142, 2150), (1150, 2162),

Gene: Amymech_5 Start: 1855, Stop: 3489, Start Num: 61
Candidate Starts for Amymech_5:
(Start: 61 @1855 has 21 MA's), (Start: 98 @1894 has 3 MA's), (156, 1942), (Start: 280 @2113 has 2 MA's), (313, 2152), (421, 2332), (427, 2341), (431, 2350), (464, 2413), (468, 2419), (511, 2503), (512, 2506), (513, 2509), (558, 2605), (559, 2608), (564, 2617), (621, 2683), (643, 2713), (658, 2740), (685, 2773), (696, 2794), (698, 2797), (767, 2893), (779, 2914), (829, 3004), (859, 3046), (869, 3064), (872, 3070), (932, 3133), (936, 3139), (939, 3142), (972, 3187), (979, 3193), (999, 3220), (1005, 3235), (1046, 3286), (1053, 3295), (1068, 3310), (1070, 3313), (1102, 3352), (1116, 3367), (1123, 3382), (1126, 3385), (1197, 3463), (1203, 3469),

Gene: Anandi_8 Start: 3773, Stop: 5515, Start Num: 187
Candidate Starts for Anandi_8:
(Start: 183 @3767 has 2 MA's), (Start: 187 @3773 has 203 MA's), (243, 3848), (254, 3872), (322, 3992), (376, 4091), (382, 4103), (413, 4163), (444, 4241), (454, 4262), (506, 4364), (530, 4433), (539, 4457), (604, 4619), (621, 4664), (634, 4694), (644, 4718), (704, 4823), (726, 4847), (748, 4886), (778, 4931), (803, 4979), (868, 5045), (876, 5063), (879, 5069), (929, 5132), (931, 5135), (1009, 5267), (1051, 5315), (1071, 5363), (1080, 5375), (1136, 5465), (1139, 5468),

Gene: Anatole_3 Start: 1202, Stop: 2782, Start Num: 171
Candidate Starts for Anatole_3:
(Start: 167 @1193 has 4 MA's), (Start: 169 @1196 has 6 MA's), (Start: 171 @1202 has 84 MA's), (Start: 191 @1229 has 2 MA's), (211, 1262), (233, 1292), (Start: 245 @1310 has 2 MA's), (Start: 246 @1313 has 12 MA's), (254, 1328), (Start: 268 @1349 has 4 MA's), (Start: 272 @1352 has 48 MA's), (328, 1439), (333, 1451), (342, 1469), (355, 1499), (356, 1502), (392, 1574), (396, 1580), (420, 1616), (423, 1622), (438, 1655), (472, 1712), (496, 1754), (500, 1760), (532, 1841), (547, 1877), (548, 1880),

(563, 1907), (569, 1916), (579, 1952), (657, 2096), (684, 2126), (699, 2153), (709, 2168), (722, 2180), (757, 2222), (782, 2264), (788, 2273), (796, 2297), (834, 2345), (837, 2351), (857, 2372), (858, 2375), (907, 2429), (925, 2459), (982, 2498), (1001, 2522), (1014, 2555), (1044, 2573), (1057, 2600), (1064, 2606), (1072, 2618), (1110, 2666), (1129, 2696), (1181, 2771),

Gene: Anaysia_14 Start: 6686, Stop: 8383, Start Num: 96
Candidate Starts for Anaysia_14:
(Start: 96 @6686 has 243 MA's), (Start: 118 @6704 has 1 MA's), (253, 6866), (339, 7022), (381, 7091), (411, 7145), (469, 7253), (480, 7280), (510, 7343), (518, 7367), (812, 7883), (862, 7946), (904, 7988), (985, 8102), (1081, 8207), (1168, 8339), (1191, 8366), (1193, 8369), (1196, 8372),

Gene: AndPeggy_3 Start: 1120, Stop: 2799, Start Num: 143
Candidate Starts for AndPeggy_3:
(Start: 143 @1120 has 83 MA's), (Start: 191 @1171 has 2 MA's), (205, 1192), (Start: 207 @1195 has 2 MA's), (254, 1237), (295, 1303), (326, 1363), (334, 1384), (339, 1393), (386, 1480), (405, 1516), (411, 1525), (434, 1576), (482, 1675), (497, 1696), (513, 1729), (532, 1765), (598, 1909), (609, 1945), (623, 1984), (704, 2131), (738, 2155), (803, 2254), (859, 2338), (929, 2425), (1001, 2521), (1047, 2569), (1072, 2593), (1110, 2644), (1165, 2725), (1213, 2785), (1214, 2788),

Gene: Andrew_3 Start: 741, Stop: 2363, Start Num: 149
Candidate Starts for Andrew_3:
(Start: 134 @720 has 16 MA's), (Start: 149 @741 has 162 MA's), (Start: 246 @882 has 12 MA's), (253, 894), (Start: 272 @921 has 48 MA's), (313, 972), (315, 975), (319, 984), (329, 1011), (333, 1020), (342, 1038), (394, 1116), (464, 1221), (505, 1284), (521, 1335), (526, 1347), (534, 1359), (548, 1395), (554, 1407), (559, 1416), (569, 1431), (589, 1491), (628, 1575), (780, 1791), (787, 1803), (829, 1869), (834, 1875), (862, 1914), (903, 1953), (923, 1986), (956, 2031), (1038, 2148), (1057, 2184), (1072, 2202), (1125, 2271), (1129, 2277), (1144, 2298), (1161, 2322), (1187, 2349), (1190, 2352),

Gene: Andris_6 Start: 2176, Stop: 3822, Start Num: 73
Candidate Starts for Andris_6:
(Start: 73 @2176 has 95 MA's), (81, 2188), (311, 2446), (326, 2479), (378, 2572), (400, 2614), (413, 2635), (458, 2722), (497, 2794), (510, 2818), (556, 2917), (574, 2953), (584, 2971), (648, 3094), (673, 3130), (806, 3292), (811, 3301), (901, 3418), (959, 3499), (985, 3538), (1001, 3559), (1010, 3583), (1081, 3643), (1141, 3736), (1142, 3739),

Gene: Aneem_12 Start: 8024, Stop: 9787, Start Num: 96
Candidate Starts for Aneem_12:
(Start: 96 @8024 has 243 MA's), (Start: 120 @8045 has 11 MA's), (179, 8132), (250, 8261), (262, 8285), (300, 8348), (381, 8492), (408, 8543), (411, 8546), (469, 8657), (479, 8681), (480, 8684), (510, 8747), (513, 8756), (518, 8771), (580, 8888), (584, 8903), (605, 8963), (638, 9047), (806, 9275), (812, 9287), (852, 9335), (862, 9350), (901, 9389), (916, 9410), (942, 9449), (979, 9494), (985, 9506), (1168, 9743), (1191, 9770),

Gene: Angelique_2 Start: 485, Stop: 2281, Start Num: 71
Candidate Starts for Angelique_2:
(Start: 71 @485 has 22 MA's), (295, 779), (300, 794), (347, 878), (373, 920), (378, 929), (398, 968), (411, 989), (456, 1073), (482, 1127), (495, 1145), (510, 1172), (513, 1181), (542, 1256), (571, 1307), (580, 1328), (661, 1487), (697, 1544), (748, 1589), (778, 1613), (813, 1682), (817, 1688), (825, 1697), (869, 1766), (959, 1904), (979, 1940), (985, 1952), (1000, 1976), (1011, 2003), (1077, 2090), (1105, 2132), (1141, 2189), (1165, 2219), (1181, 2243), (1204, 2267), (1206, 2270),

Gene: AngryOrchard_7 Start: 3101, Stop: 4783, Start Num: 104
Candidate Starts for AngryOrchard_7:

(Start: 104 @3101 has 36 MA's), (Start: 258 @3287 has 2 MA's), (300, 3359), (311, 3371), (323, 3395), (327, 3407), (420, 3575), (449, 3635), (510, 3743), (618, 3998), (647, 4070), (648, 4073), (778, 4214), (800, 4256), (817, 4289), (862, 4346), (869, 4358), (985, 4502), (1010, 4547), (1081, 4607), (1142, 4706), (1168, 4739), (1191, 4766), (1193, 4769), (1196, 4772),

Gene: Animus_7 Start: 2523, Stop: 4169, Start Num: 73
Candidate Starts for Animus_7:
(Start: 73 @2523 has 95 MA's), (295, 2766), (300, 2781), (311, 2793), (378, 2919), (400, 2961), (403, 2967), (413, 2982), (458, 3069), (497, 3141), (510, 3165), (556, 3264), (574, 3300), (584, 3318), (648, 3441), (673, 3477), (806, 3639), (811, 3648), (852, 3711), (901, 3765), (959, 3846), (985, 3885), (1001, 3906), (1010, 3930), (1141, 4083), (1142, 4086),

Gene: AnnaL29_15 Start: 9319, Stop: 11079, Start Num: 96
Candidate Starts for AnnaL29_15:
(50, 9235), (Start: 96 @9319 has 243 MA's), (179, 9427), (193, 9448), (235, 9532), (250, 9556), (300, 9643), (329, 9697), (381, 9787), (411, 9841), (469, 9949), (510, 10039), (518, 10063), (584, 10195), (638, 10339), (733, 10471), (800, 10555), (852, 10627), (862, 10642), (901, 10681), (904, 10684), (916, 10702), (985, 10798), (1024, 10867), (1168, 11035), (1191, 11062), (1193, 11065), (1196, 11068), (1199, 11071),

Gene: AnnaLie_4 Start: 1038, Stop: 2663, Start Num: 171
Candidate Starts for AnnaLie_4:
(Start: 171 @1038 has 84 MA's), (Start: 191 @1065 has 2 MA's), (278, 1194), (319, 1248), (342, 1302), (360, 1317), (390, 1371), (398, 1386), (464, 1485), (498, 1536), (500, 1539), (521, 1599), (558, 1677), (829, 2130), (838, 2145), (1095, 2496), (1215, 2652),

Gene: Annihilus_7 Start: 2665, Stop: 4410, Start Num: 187
Candidate Starts for Annihilus_7:
(Start: 187 @2665 has 203 MA's), (195, 2671), (229, 2719), (252, 2758), (254, 2764), (413, 3061), (444, 3139), (451, 3157), (454, 3160), (492, 3229), (506, 3262), (522, 3313), (530, 3331), (539, 3355), (573, 3424), (604, 3517), (647, 3622), (726, 3745), (771, 3817), (876, 3958), (929, 4027), (931, 4030), (1012, 4168), (1060, 4237), (1071, 4258), (1074, 4261), (1080, 4270), (1094, 4288), (1114, 4318), (1136, 4360), (1139, 4363),

Gene: Annyong_11 Start: 6885, Stop: 8582, Start Num: 95
Candidate Starts for Annyong_11:
(Start: 95 @6885 has 435 MA's), (Start: 122 @6909 has 1 MA's), (Start: 207 @7032 has 2 MA's), (293, 7122), (311, 7155), (362, 7254), (408, 7338), (411, 7341), (432, 7380), (469, 7449), (479, 7473), (510, 7539), (550, 7629), (620, 7794), (661, 7881), (685, 7914), (740, 7980), (798, 8052), (800, 8055), (812, 8079), (852, 8130), (862, 8145), (901, 8184), (916, 8205), (985, 8301), (1168, 8538), (1193, 8568), (1196, 8571),

Gene: Anon_12 Start: 7031, Stop: 8731, Start Num: 96
Candidate Starts for Anon_12:
(Start: 96 @7031 has 243 MA's), (Start: 118 @7049 has 1 MA's), (Start: 271 @7241 has 3 MA's), (339, 7367), (386, 7448), (411, 7493), (469, 7601), (479, 7625), (510, 7691), (518, 7715), (623, 7958), (812, 8231), (813, 8234), (985, 8450), (1070, 8540), (1072, 8543), (1168, 8687), (1191, 8714), (1193, 8717), (1196, 8720),

Gene: Anselm_12 Start: 7545, Stop: 9335, Start Num: 96
Candidate Starts for Anselm_12:
(Start: 96 @7545 has 243 MA's), (179, 7653), (193, 7674), (250, 7782), (283, 7833), (411, 8070), (469, 8178), (510, 8268), (518, 8292), (580, 8409), (584, 8424), (733, 8724), (869, 8910), (901, 8937), (916,

8958), (985, 9054), (1168, 9291), (1193, 9321),

Gene: Anseraureola_3 Start: 1098, Stop: 2558, Start Num: 149
Candidate Starts for Anseraureola_3:
(Start: 149 @1098 has 162 MA's), (Start: 154 @1104 has 4 MA's), (Start: 272 @1266 has 48 MA's), (278, 1275), (315, 1335), (348, 1404), (366, 1425), (394, 1476), (520, 1680), (642, 1893), (649, 1908), (674, 1944), (703, 1986), (739, 2019), (765, 2037), (834, 2157), (835, 2160), (848, 2172), (905, 2247), (944, 2310), (958, 2328), (960, 2331), (1098, 2493), (1104, 2502), (1110, 2511), (1135, 2550),

Gene: Anthony_11 Start: 5672, Stop: 7372, Start Num: 105
Candidate Starts for Anthony_11:
(Start: 105 @5672 has 1 MA's), (Start: 207 @5813 has 2 MA's), (253, 5852), (408, 6128), (411, 6131), (447, 6203), (469, 6242), (505, 6314), (510, 6332), (570, 6455), (581, 6479), (583, 6485), (618, 6581), (685, 6707), (740, 6773), (778, 6806), (812, 6872), (901, 6974), (916, 6995), (954, 7049), (985, 7091), (1003, 7118), (1014, 7145), (1167, 7325), (1168, 7328), (1196, 7361),

Gene: Antonio_2 Start: 498, Stop: 2222, Start Num: 201
Candidate Starts for Antonio_2:
(Start: 190 @483 has 1 MA's), (Start: 201 @498 has 43 MA's), (259, 588), (393, 828), (397, 834), (411, 858), (438, 915), (476, 987), (571, 1185), (590, 1227), (596, 1233), (626, 1317), (641, 1344), (711, 1455), (725, 1482), (826, 1659), (999, 1932), (1001, 1935), (1003, 1941), (1011, 1962), (1034, 2001), (1066, 2049), (1073, 2058), (1091, 2082), (1114, 2100), (1145, 2157), (1194, 2214),

Gene: Antrice_3 Start: 691, Stop: 2325, Start Num: 134
Candidate Starts for Antrice_3:
(Start: 134 @691 has 16 MA's), (Start: 272 @889 has 48 MA's), (313, 940), (315, 943), (319, 952), (342, 1006), (347, 1012), (364, 1030), (464, 1189), (521, 1303), (548, 1363), (559, 1384), (569, 1399), (589, 1456), (642, 1582), (692, 1642), (769, 1738), (780, 1759), (804, 1810), (838, 1852), (903, 1921), (907, 1927), (923, 1954), (956, 1999), (1026, 2101), (1038, 2110), (1041, 2116), (1055, 2140), (1072, 2164), (1125, 2233), (1151, 2272), (1190, 2314),

Gene: Anubis_15 Start: 6843, Stop: 8543, Start Num: 102
Candidate Starts for Anubis_15:
(Start: 102 @6843 has 88 MA's), (137, 6891), (Start: 191 @6963 has 2 MA's), (253, 7026), (362, 7218), (411, 7305), (510, 7503), (550, 7593), (583, 7656), (644, 7818), (800, 8016), (812, 8040), (813, 8043), (862, 8106), (882, 8127), (916, 8166), (985, 8262), (1014, 8316), (1070, 8352), (1168, 8499), (1193, 8529), (1196, 8532),

Gene: Aoka_3 Start: 1243, Stop: 2838, Start Num: 161
Candidate Starts for Aoka_3:
(Start: 161 @1243 has 13 MA's), (330, 1501), (342, 1525), (347, 1531), (521, 1822), (536, 1852), (559, 1903), (564, 1912), (621, 2014), (625, 2026), (701, 2149), (796, 2278), (956, 2506), (991, 2548), (1190, 2827),

Gene: Apiary_28 Start: 14038, Stop: 15711, Start Num: 111
Candidate Starts for Apiary_28:
(Start: 111 @14038 has 202 MA's), (222, 14182), (247, 14233), (369, 14407), (381, 14428), (392, 14452), (408, 14479), (428, 14512), (458, 14578), (481, 14626), (514, 14689), (523, 14716), (604, 14884), (608, 14896), (675, 15007), (707, 15058), (801, 15157), (855, 15256), (861, 15268), (881, 15295), (893, 15307), (901, 15322), (954, 15397), (988, 15430), (1006, 15463), (1094, 15547), (1107, 15568), (1139, 15616), (1189, 15691),

Gene: AppleCider_5 Start: 3069, Stop: 4637, Start Num: 129

Candidate Starts for AppleCider_5:
(Start: 129 @3069 has 79 MA's), (252, 3255), (Start: 272 @3285 has 48 MA's), (313, 3336), (319, 3348), (330, 3378), (338, 3393), (364, 3426), (425, 3528), (464, 3609), (496, 3657), (521, 3723), (542, 3771), (547, 3780), (615, 3855), (625, 3882), (637, 3912), (655, 3951), (787, 4131), (834, 4203), (861, 4239), (939, 4335), (1008, 4401), (1043, 4431), (1046, 4437), (1095, 4503), (1192, 4623),

Gene: AppleCloud_6 Start: 2865, Stop: 4547, Start Num: 104
Candidate Starts for AppleCloud_6:
(Start: 104 @2865 has 36 MA's), (Start: 258 @3051 has 2 MA's), (300, 3123), (311, 3135), (323, 3159), (327, 3171), (420, 3339), (449, 3399), (510, 3507), (618, 3762), (647, 3834), (778, 3978), (798, 4017), (800, 4020), (817, 4053), (869, 4122), (985, 4266), (1010, 4311), (1081, 4371), (1168, 4503), (1191, 4530), (1193, 4533), (1196, 4536),

Gene: Applejack_11 Start: 6989, Stop: 8677, Start Num: 95
Candidate Starts for Applejack_11:
(Start: 95 @6989 has 435 MA's), (311, 7253), (323, 7277), (411, 7439), (430, 7472), (469, 7547), (499, 7601), (510, 7637), (518, 7661), (534, 7688), (553, 7736), (591, 7805), (620, 7892), (644, 7952), (819, 8186), (832, 8198), (862, 8240), (882, 8261), (908, 8288), (985, 8396), (1070, 8486), (1139, 8591),

Gene: Applejacks_2 Start: 524, Stop: 2077, Start Num: 162
Candidate Starts for Applejacks_2:
(Start: 162 @524 has 7 MA's), (Start: 169 @536 has 6 MA's), (170, 539), (180, 551), (Start: 246 @650 has 12 MA's), (252, 659), (338, 797), (342, 806), (363, 830), (420, 926), (427, 941), (464, 992), (496, 1040), (534, 1130), (547, 1163), (548, 1166), (567, 1199), (630, 1280), (637, 1295), (642, 1310), (733, 1427), (753, 1448), (785, 1490), (837, 1574), (857, 1595), (927, 1706), (983, 1778), (1014, 1832), (1016, 1835), (1072, 1913), (1151, 2021),

Gene: Appletree2_4 Start: 1025, Stop: 2608, Start Num: 93
Candidate Starts for Appletree2_4:
(Start: 93 @1025 has 92 MA's), (Start: 99 @1031 has 9 MA's), (238, 1202), (304, 1289), (313, 1307), (316, 1313), (330, 1349), (420, 1487), (422, 1490), (464, 1565), (496, 1622), (498, 1625), (591, 1793), (632, 1847), (637, 1856), (643, 1871), (653, 1892), (685, 1931), (694, 1952), (699, 1958), (722, 1985), (759, 2027), (776, 2051), (786, 2069), (789, 2078), (790, 2084), (804, 2117), (834, 2150), (862, 2189), (865, 2195), (867, 2198), (912, 2243), (962, 2309), (999, 2360), (1008, 2384), (1016, 2399), (1018, 2402), (1125, 2504), (1140, 2531), (1181, 2582), (1183, 2585),

Gene: Apricot_2 Start: 453, Stop: 2147, Start Num: 125
Candidate Starts for Apricot_2:
(48, 324), (60, 357), (Start: 62 @360 has 1 MA's), (Start: 71 @378 has 22 MA's), (90, 411), (97, 420), (Start: 125 @453 has 1 MA's), (Start: 143 @486 has 83 MA's), (Start: 191 @537 has 2 MA's), (200, 549), (216, 576), (295, 666), (334, 747), (339, 756), (341, 759), (362, 792), (386, 843), (405, 879), (406, 882), (411, 888), (422, 903), (423, 906), (432, 924), (437, 942), (469, 996), (497, 1047), (510, 1071), (550, 1158), (581, 1218), (584, 1227), (598, 1263), (609, 1299), (623, 1338), (624, 1341), (635, 1371), (727, 1503), (738, 1509), (789, 1572), (798, 1599), (812, 1626), (813, 1629), (825, 1644), (862, 1701), (901, 1740), (959, 1821), (981, 1851), (1016, 1914), (1081, 1962), (1083, 1965), (1142, 2058), (1145, 2061), (1157, 2079), (1165, 2088), (1172, 2100), (1204, 2136),

Gene: Aragog_9 Start: 6296, Stop: 8047, Start Num: 63
Candidate Starts for Aragog_9:
(Start: 52 @6269 has 23 MA's), (Start: 63 @6296 has 32 MA's), (112, 6365), (196, 6479), (200, 6485), (300, 6617), (339, 6692), (341, 6695), (439, 6869), (449, 6893), (510, 7001), (526, 7046), (565, 7124), (570, 7130), (571, 7133), (632, 7295), (635, 7301), (647, 7328), (661, 7349), (800, 7523), (812, 7547), (813, 7550), (862, 7610), (869, 7622), (901, 7649), (916, 7670), (954, 7724), (979, 7754), (985, 7766),

(1168, 8003), (1196, 8036), (1202, 8042),

Gene: Arataki_14 Start: 8072, Stop: 9817, Start Num: 187
Candidate Starts for Arataki_14:
(Start: 187 @8072 has 203 MA's), (195, 8078), (252, 8165), (254, 8171), (274, 8207), (302, 8261), (322, 8291), (353, 8357), (395, 8438), (427, 8498), (444, 8546), (451, 8564), (454, 8567), (492, 8636), (508, 8675), (522, 8720), (530, 8738), (555, 8795), (588, 8876), (604, 8924), (644, 9023), (647, 9029), (665, 9059), (680, 9080), (682, 9086), (704, 9128), (726, 9152), (868, 9347), (899, 9389), (916, 9413), (929, 9434), (931, 9437), (1069, 9662), (1071, 9665), (1080, 9677), (1136, 9767), (1139, 9770),

Gene: Arby_4 Start: 800, Stop: 2290, Start Num: 146
Candidate Starts for Arby_4:
(Start: 146 @800 has 40 MA's), (181, 845), (255, 947), (267, 965), (274, 974), (313, 1025), (315, 1028), (319, 1037), (330, 1067), (345, 1094), (415, 1193), (474, 1292), (486, 1316), (488, 1319), (491, 1322), (513, 1367), (650, 1601), (692, 1649), (694, 1661), (728, 1700), (748, 1718), (768, 1730), (770, 1733), (781, 1754), (785, 1760), (789, 1772), (838, 1850), (874, 1904), (930, 1958), (940, 1970), (970, 2015), (1005, 2063), (1081, 2147), (1125, 2204), (1175, 2273),

Gene: Arcadia_8 Start: 4237, Stop: 5991, Start Num: 187
Candidate Starts for Arcadia_8:
(151, 4183), (Start: 183 @4231 has 2 MA's), (Start: 187 @4237 has 203 MA's), (252, 4330), (254, 4336), (395, 4603), (413, 4633), (427, 4663), (444, 4711), (451, 4729), (454, 4732), (476, 4774), (530, 4903), (604, 5089), (644, 5188), (685, 5260), (726, 5317), (771, 5395), (778, 5407), (868, 5521), (876, 5539), (914, 5584), (929, 5608), (931, 5611), (954, 5650), (1051, 5791), (1069, 5836), (1071, 5839), (1080, 5851), (1114, 5899), (1133, 5932), (1136, 5941), (1139, 5944),

Gene: Arcanine_12 Start: 6925, Stop: 8613, Start Num: 95
Candidate Starts for Arcanine_12:
(Start: 95 @6925 has 435 MA's), (311, 7189), (323, 7213), (411, 7375), (430, 7408), (469, 7483), (510, 7573), (518, 7597), (534, 7624), (553, 7672), (615, 7816), (620, 7828), (644, 7888), (813, 8113), (819, 8122), (832, 8134), (862, 8176), (882, 8197), (908, 8224), (985, 8332), (1070, 8422), (1139, 8527),

Gene: ArcherNM_14 Start: 9227, Stop: 11014, Start Num: 96
Candidate Starts for ArcherNM_14:
(36, 9107), (Start: 96 @9227 has 243 MA's), (179, 9335), (193, 9356), (250, 9464), (283, 9515), (300, 9551), (329, 9605), (408, 9746), (411, 9749), (432, 9788), (469, 9857), (510, 9947), (518, 9971), (584, 10103), (800, 10490), (869, 10589), (901, 10616), (916, 10637), (979, 10721), (985, 10733), (1168, 10970), (1191, 10997), (1193, 11000), (1196, 11003), (1199, 11006),

Gene: Archetta_9 Start: 5978, Stop: 7756, Start Num: 52
Candidate Starts for Archetta_9:
(Start: 52 @5978 has 23 MA's), (Start: 63 @6005 has 32 MA's), (112, 6074), (139, 6113), (196, 6188), (200, 6194), (300, 6326), (339, 6401), (341, 6404), (420, 6539), (439, 6578), (449, 6602), (510, 6710), (526, 6755), (565, 6833), (570, 6839), (632, 7004), (647, 7037), (661, 7058), (800, 7232), (812, 7256), (813, 7259), (862, 7319), (869, 7331), (901, 7358), (916, 7379), (979, 7463), (985, 7475), (1168, 7712), (1196, 7745), (1202, 7751),

Gene: Archie_4 Start: 1034, Stop: 2602, Start Num: 93
Candidate Starts for Archie_4:
(Start: 93 @1034 has 92 MA's), (Start: 99 @1040 has 9 MA's), (Start: 113 @1058 has 1 MA's), (228, 1196), (255, 1244), (Start: 268 @1262 has 4 MA's), (347, 1388), (419, 1493), (422, 1499), (494, 1631), (498, 1637), (509, 1658), (558, 1757), (591, 1805), (632, 1859), (643, 1883), (653, 1904), (671, 1928), (676, 1934), (694, 1964), (699, 1970), (722, 1997), (729, 2006), (790, 2096), (845, 2174), (867, 2210),

(912, 2255), (962, 2321), (999, 2372), (1008, 2396), (1018, 2414), (1024, 2423), (1158, 2570), (1181, 2594), (1183, 2597),

Gene: Archimedes_1 Start: 59, Stop: 1762, Start Num: 52
Candidate Starts for Archimedes_1:
(37, 20), (Start: 52 @59 has 23 MA's), (150, 218), (Start: 158 @227 has 2 MA's), (Start: 167 @242 has 4 MA's), (228, 329), (317, 467), (342, 524), (366, 551), (396, 605), (505, 770), (531, 839), (547, 878), (554, 893), (647, 1034), (651, 1043), (662, 1052), (671, 1064), (705, 1112), (730, 1142), (750, 1166), (789, 1223), (838, 1298), (860, 1322), (867, 1334), (982, 1481), (983, 1484), (1055, 1577), (1070, 1598), (1138, 1694), (1164, 1724), (1198, 1751), (1201, 1754),

Gene: ArcusAngelus_2 Start: 573, Stop: 2210, Start Num: 111
Candidate Starts for ArcusAngelus_2:
(Start: 111 @573 has 202 MA's), (Start: 118 @582 has 1 MA's), (Start: 129 @597 has 79 MA's), (147, 618), (Start: 158 @630 has 2 MA's), (Start: 185 @654 has 2 MA's), (188, 657), (224, 720), (244, 759), (312, 846), (352, 906), (369, 918), (377, 930), (381, 939), (383, 942), (392, 963), (404, 984), (415, 999), (440, 1056), (461, 1095), (502, 1164), (505, 1170), (514, 1200), (515, 1203), (518, 1212), (523, 1227), (534, 1245), (557, 1296), (601, 1389), (604, 1398), (711, 1569), (726, 1581), (800, 1665), (816, 1695), (818, 1698), (820, 1701), (869, 1758), (884, 1773), (889, 1779), (893, 1782), (901, 1797), (908, 1806), (957, 1875), (982, 1905), (988, 1914), (1006, 1947), (1024, 1980), (1069, 2007), (1094, 2040), (1107, 2061), (1112, 2067), (1114, 2070), (1127, 2091), (1139, 2115), (1142, 2124), (1145, 2127), (1184, 2184),

Gene: Ardmore_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Ardmore_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: AreFloNak_7 Start: 3594, Stop: 5333, Start Num: 187
Candidate Starts for AreFloNak_7:
(Start: 187 @3594 has 203 MA's), (254, 3693), (322, 3813), (376, 3912), (395, 3954), (413, 3984), (427, 4014), (444, 4062), (454, 4083), (506, 4185), (530, 4254), (539, 4278), (578, 4368), (604, 4440), (634, 4515), (644, 4539), (726, 4668), (778, 4749), (868, 4863), (876, 4881), (879, 4887), (929, 4950), (931, 4953), (1055, 5142), (1059, 5157), (1061, 5163), (1071, 5181), (1080, 5193), (1136, 5283), (1139, 5286),

Gene: Argan_7 Start: 3230, Stop: 4963, Start Num: 187
Candidate Starts for Argan_7:
(Start: 187 @3230 has 203 MA's), (254, 3329), (388, 3566), (413, 3614), (444, 3692), (451, 3710), (454, 3713), (492, 3782), (530, 3884), (539, 3908), (570, 3965), (604, 4070), (644, 4169), (661, 4199), (685, 4241), (726, 4298), (771, 4367), (778, 4379), (868, 4493), (876, 4511), (929, 4580), (931, 4583), (1059, 4787), (1071, 4811), (1080, 4823), (1089, 4835), (1112, 4868), (1136, 4913), (1139, 4916),

Gene: Argent26_10 Start: 2509, Stop: 4179, Start Num: 272
Candidate Starts for Argent26_10:

(Start: 272 @2509 has 48 MA's), (309, 2572), (435, 2806), (487, 2908), (570, 3088), (576, 3112), (585, 3130), (595, 3142), (616, 3205), (621, 3217), (642, 3262), (649, 3277), (700, 3355), (728, 3400), (759, 3454), (760, 3460), (814, 3574), (841, 3622), (910, 3718), (922, 3739), (933, 3754), (1014, 3907), (1022, 3919), (1065, 3976), (1091, 4012), (1124, 4063), (1142, 4099), (1145, 4102), (1193, 4168),

Gene: Arianna_3 Start: 1236, Stop: 2873, Start Num: 134
Candidate Starts for Arianna_3:
(Start: 134 @1236 has 16 MA's), (150, 1260), (212, 1338), (Start: 271 @1404 has 3 MA's), (327, 1503), (334, 1521), (339, 1530), (342, 1536), (369, 1584), (373, 1590), (378, 1599), (400, 1641), (403, 1647), (405, 1650), (411, 1659), (446, 1737), (510, 1854), (514, 1866), (515, 1869), (521, 1878), (550, 1941), (587, 2013), (598, 2046), (642, 2124), (723, 2235), (778, 2280), (887, 2412), (892, 2418), (976, 2550), (999, 2589), (1069, 2679), (1090, 2706), (1141, 2787), (1150, 2802), (1152, 2805), (1160, 2814), (1199, 2862),

Gene: Arielagos_2 Start: 424, Stop: 1926, Start Num: 138
Candidate Starts for Arielagos_2:
(Start: 93 @361 has 92 MA's), (Start: 132 @412 has 2 MA's), (Start: 138 @424 has 4 MA's), (157, 448), (175, 472), (255, 583), (274, 610), (319, 673), (330, 703), (334, 712), (345, 730), (422, 841), (437, 874), (488, 955), (513, 1003), (551, 1084), (642, 1219), (657, 1246), (694, 1297), (722, 1330), (861, 1513), (940, 1606), (967, 1645), (970, 1651), (980, 1660), (1005, 1699), (1081, 1783), (1095, 1798), (1134, 1858), (1153, 1888),

Gene: Aries55_3 Start: 1086, Stop: 2546, Start Num: 149
Candidate Starts for Aries55_3:
(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (642, 1881), (649, 1896), (674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: Arissanae_11 Start: 6238, Stop: 8028, Start Num: 96
Candidate Starts for Arissanae_11:
(Start: 96 @6238 has 243 MA's), (Start: 114 @6253 has 11 MA's), (200, 6370), (250, 6469), (339, 6631), (381, 6703), (411, 6757), (432, 6796), (469, 6868), (510, 6958), (518, 6982), (584, 7114), (622, 7222), (659, 7297), (685, 7333), (717, 7393), (746, 7429), (806, 7513), (817, 7534), (901, 7630), (904, 7633), (916, 7651), (954, 7705), (979, 7735), (985, 7747), (1070, 7837), (1083, 7855), (1119, 7906), (1168, 7984), (1191, 8011), (1193, 8014),

Gene: Arlo_10 Start: 6614, Stop: 8302, Start Num: 95
Candidate Starts for Arlo_10:
(Start: 95 @6614 has 435 MA's), (311, 6878), (323, 6902), (411, 7064), (430, 7097), (469, 7172), (510, 7262), (518, 7286), (534, 7313), (553, 7361), (591, 7430), (615, 7505), (620, 7517), (644, 7577), (819, 7811), (832, 7823), (862, 7865), (882, 7886), (908, 7913), (985, 8021), (1070, 8111), (1139, 8216),

Gene: Armstrong_2 Start: 593, Stop: 2155, Start Num: 171
Candidate Starts for Armstrong_2:
(Start: 171 @593 has 84 MA's), (Start: 245 @701 has 2 MA's), (278, 749), (342, 857), (347, 863), (360, 872), (363, 878), (364, 881), (422, 977), (464, 1040), (521, 1154), (548, 1214), (558, 1232), (665, 1460), (699, 1505), (796, 1643), (1057, 1970), (1195, 2144), (1201, 2147),

Gene: Arroyo_4 Start: 1159, Stop: 2787, Start Num: 171
Candidate Starts for Arroyo_4:
(Start: 171 @1159 has 84 MA's), (278, 1315), (342, 1423), (390, 1492), (398, 1507), (498, 1657), (500, 1660), (521, 1720), (542, 1768), (558, 1798), (829, 2254), (838, 2269), (1095, 2620), (1129, 2668),

(1215, 2776),

Gene: Artemis2UCLA_15 Start: 7416, Stop: 9170, Start Num: 96
Candidate Starts for Artemis2UCLA_15:
(Start: 96 @7416 has 243 MA's), (200, 7548), (250, 7647), (262, 7671), (283, 7698), (300, 7734), (339, 7809), (411, 7932), (420, 7947), (432, 7971), (469, 8040), (479, 8064), (480, 8067), (510, 8130), (518, 8154), (583, 8283), (584, 8286), (623, 8397), (732, 8559), (800, 8646), (806, 8658), (812, 8670), (852, 8718), (862, 8733), (901, 8772), (916, 8793), (979, 8877), (985, 8889), (1168, 9126), (1191, 9153), (1193, 9156),

Gene: ArtetaBall_17 Start: 9229, Stop: 10974, Start Num: 187
Candidate Starts for ArtetaBall_17:
(Start: 187 @9229 has 203 MA's), (195, 9235), (254, 9328), (274, 9364), (302, 9418), (322, 9448), (395, 9595), (444, 9703), (451, 9721), (454, 9724), (492, 9793), (522, 9877), (530, 9895), (555, 9952), (604, 10081), (644, 10180), (647, 10186), (704, 10285), (726, 10309), (863, 10495), (868, 10504), (916, 10570), (929, 10591), (931, 10594), (1051, 10774), (1069, 10819), (1071, 10822), (1080, 10834), (1136, 10924), (1139, 10927),

Gene: Arti_24 Start: 12115, Stop: 13842, Start Num: 110
Candidate Starts for Arti_24:
(22, 11881), (49, 12010), (Start: 110 @12115 has 12 MA's), (222, 12265), (247, 12316), (251, 12322), (281, 12361), (299, 12391), (315, 12415), (324, 12433), (332, 12460), (359, 12523), (369, 12541), (514, 12826), (523, 12853), (565, 12937), (604, 13021), (608, 13033), (621, 13066), (675, 13144), (741, 13222), (800, 13294), (818, 13327), (855, 13390), (869, 13417), (893, 13441), (908, 13465), (988, 13564), (1013, 13612), (1139, 13750), (1157, 13780), (1200, 13834),

Gene: Artorias_13 Start: 7494, Stop: 9239, Start Num: 187
Candidate Starts for Artorias_13:
(Start: 187 @7494 has 203 MA's), (195, 7500), (252, 7587), (254, 7593), (274, 7629), (302, 7683), (353, 7779), (444, 7968), (451, 7986), (454, 7989), (492, 8058), (530, 8160), (545, 8196), (555, 8217), (570, 8241), (588, 8298), (604, 8346), (630, 8412), (644, 8445), (647, 8451), (665, 8481), (680, 8502), (726, 8574), (868, 8769), (916, 8835), (929, 8856), (931, 8859), (968, 8919), (1045, 9030), (1060, 9066), (1071, 9087), (1080, 9099), (1112, 9144), (1114, 9147), (1136, 9189), (1139, 9192),

Gene: Arturo_10 Start: 6995, Stop: 8692, Start Num: 95
Candidate Starts for Arturo_10:
(Start: 95 @6995 has 435 MA's), (Start: 122 @7019 has 1 MA's), (Start: 207 @7142 has 2 MA's), (293, 7232), (311, 7265), (362, 7364), (408, 7448), (411, 7451), (432, 7490), (469, 7559), (479, 7583), (510, 7649), (550, 7739), (620, 7904), (661, 7991), (685, 8024), (740, 8090), (800, 8165), (812, 8189), (862, 8255), (901, 8294), (916, 8315), (985, 8411), (1167, 8645), (1168, 8648), (1193, 8678), (1196, 8681),

Gene: Arzan_8 Start: 3716, Stop: 5464, Start Num: 187
Candidate Starts for Arzan_8:
(Start: 187 @3716 has 203 MA's), (254, 3815), (287, 3866), (413, 4112), (430, 4148), (444, 4190), (451, 4208), (454, 4211), (503, 4304), (530, 4382), (533, 4388), (571, 4466), (578, 4496), (582, 4508), (604, 4568), (618, 4604), (634, 4643), (644, 4667), (726, 4796), (778, 4880), (868, 4994), (879, 5018), (929, 5081), (931, 5084), (1045, 5255), (1059, 5288), (1071, 5312), (1080, 5324), (1114, 5372), (1133, 5405), (1136, 5414), (1139, 5417),

Gene: Asa16_2 Start: 533, Stop: 2239, Start Num: 95
Candidate Starts for Asa16_2:
(Start: 95 @533 has 435 MA's), (Start: 191 @620 has 2 MA's), (379, 905), (411, 962), (422, 983), (436, 1010), (482, 1100), (513, 1154), (532, 1199), (570, 1274), (604, 1364), (687, 1487), (710, 1526), (800,

1649), (929, 1829), (954, 1862), (985, 1904), (997, 1919), (1081, 2054), (1105, 2090), (1142, 2150), (1150, 2162),

Gene: Ascela_2 Start: 534, Stop: 2240, Start Num: 95
Candidate Starts for Ascela_2:
(Start: 95 @534 has 435 MA's), (379, 906), (411, 963), (436, 1011), (482, 1101), (532, 1200), (570, 1275), (604, 1365), (687, 1488), (710, 1527), (800, 1650), (929, 1830), (959, 1869), (985, 1905), (997, 1920), (1081, 2055), (1136, 2139), (1142, 2151), (1150, 2163),

Gene: Ashballer_10 Start: 7174, Stop: 8682, Start Num: 258
Candidate Starts for Ashballer_10:
(Start: 107 @6994 has 24 MA's), (Start: 258 @7174 has 2 MA's), (311, 7258), (324, 7285), (327, 7294), (411, 7444), (469, 7552), (510, 7642), (518, 7666), (534, 7693), (553, 7741), (615, 7885), (620, 7897), (622, 7906), (644, 7957), (819, 8191), (832, 8203), (862, 8245), (882, 8266), (908, 8293), (985, 8401), (1070, 8491), (1139, 8596),

Gene: Ashes_2 Start: 594, Stop: 2282, Start Num: 119
Candidate Starts for Ashes_2:
(Start: 119 @594 has 16 MA's), (295, 795), (373, 939), (386, 963), (411, 1008), (456, 1095), (482, 1149), (509, 1188), (570, 1323), (608, 1425), (773, 1647), (800, 1698), (959, 1917), (985, 1953), (997, 1968), (1142, 2193), (1150, 2205), (1165, 2220), (1204, 2271),

Gene: Asriel_8 Start: 2168, Stop: 3838, Start Num: 272
Candidate Starts for Asriel_8:
(Start: 272 @2168 has 48 MA's), (309, 2231), (435, 2465), (487, 2567), (570, 2747), (576, 2771), (585, 2789), (595, 2801), (616, 2864), (621, 2876), (642, 2921), (649, 2936), (700, 3014), (728, 3059), (759, 3113), (760, 3119), (814, 3233), (910, 3377), (933, 3413), (1014, 3566), (1022, 3578), (1065, 3635), (1091, 3671), (1124, 3722), (1142, 3758), (1145, 3761), (1193, 3827),

Gene: Asten_6 Start: 2376, Stop: 4022, Start Num: 73
Candidate Starts for Asten_6:
(Start: 73 @2376 has 95 MA's), (Start: 86 @2394 has 10 MA's), (Start: 207 @2526 has 2 MA's), (283, 2598), (300, 2634), (400, 2814), (413, 2835), (437, 2880), (458, 2922), (497, 2994), (510, 3018), (556, 3117), (565, 3132), (580, 3156), (581, 3162), (673, 3330), (800, 3480), (811, 3501), (852, 3564), (869, 3591), (959, 3699), (985, 3738), (1001, 3759), (1003, 3765), (1010, 3783), (1105, 3879), (1142, 3939), (1204, 4017),

Gene: Astro_9 Start: 5704, Stop: 7458, Start Num: 63
Candidate Starts for Astro_9:
(Start: 63 @5704 has 32 MA's), (Start: 86 @5746 has 10 MA's), (Start: 125 @5785 has 1 MA's), (200, 5893), (339, 6100), (449, 6301), (510, 6409), (570, 6538), (632, 6703), (647, 6736), (743, 6856), (800, 6931), (882, 7042), (901, 7060), (916, 7081), (954, 7135), (985, 7177), (1081, 7282), (1142, 7381), (1168, 7414), (1196, 7447), (1202, 7453),

Gene: Astro16_3 Start: 1086, Stop: 2546, Start Num: 149
Candidate Starts for Astro16_3:
(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (642, 1881), (649, 1896), (674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: Atkinbua_12 Start: 6969, Stop: 8657, Start Num: 95
Candidate Starts for Atkinbua_12:

(Start: 95 @6969 has 435 MA's), (311, 7233), (323, 7257), (411, 7419), (430, 7452), (469, 7527), (510, 7617), (518, 7641), (534, 7668), (553, 7716), (591, 7785), (620, 7872), (622, 7881), (644, 7932), (819, 8166), (832, 8178), (862, 8220), (882, 8241), (908, 8268), (985, 8376), (1070, 8466), (1139, 8571),

Gene: Atlantica_2 Start: 349, Stop: 1992, Start Num: 134
Candidate Starts for Atlantica_2:
(Start: 134 @349 has 16 MA's), (Start: 149 @370 has 162 MA's), (313, 601), (315, 604), (319, 613), (333, 649), (342, 667), (394, 745), (464, 850), (521, 964), (534, 988), (548, 1024), (559, 1045), (569, 1060), (589, 1120), (628, 1204), (780, 1420), (787, 1432), (798, 1459), (829, 1498), (834, 1504), (862, 1543), (889, 1570), (903, 1582), (923, 1615), (932, 1627), (956, 1660), (1072, 1831), (1125, 1900), (1144, 1927), (1159, 1948), (1187, 1978), (1190, 1981), (1192, 1984),

Gene: Atraxa_3 Start: 604, Stop: 2115, Start Num: 142
Candidate Starts for Atraxa_3:
(116, 562), (Start: 142 @604 has 2 MA's), (255, 763), (300, 808), (316, 847), (319, 853), (330, 883), (337, 895), (347, 913), (415, 1009), (474, 1108), (486, 1132), (488, 1135), (513, 1183), (523, 1213), (532, 1228), (536, 1237), (538, 1246), (555, 1270), (657, 1426), (660, 1429), (694, 1477), (751, 1537), (767, 1546), (781, 1573), (801, 1624), (869, 1711), (889, 1729), (946, 1801), (979, 1843), (980, 1846), (1002, 1876), (1016, 1909), (1018, 1912), (1029, 1930),

Gene: Attoomi_3 Start: 881, Stop: 2503, Start Num: 126
Candidate Starts for Attoomi_3:
(Start: 126 @881 has 2 MA's), (164, 920), (Start: 191 @953 has 2 MA's), (324, 1136), (330, 1154), (381, 1241), (400, 1277), (411, 1295), (422, 1313), (432, 1334), (448, 1370), (458, 1382), (482, 1433), (510, 1478), (512, 1484), (534, 1535), (540, 1556), (550, 1574), (583, 1637), (591, 1652), (598, 1673), (638, 1739), (656, 1775), (673, 1799), (687, 1817), (695, 1835), (728, 1868), (786, 1922), (800, 1946), (803, 1952), (806, 1958), (862, 2045), (916, 2105), (929, 2126), (957, 2162), (959, 2165), (979, 2189), (985, 2201), (1010, 2246), (1024, 2270), (1081, 2321), (1150, 2429), (1201, 2489),

Gene: Aubs_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Aubs_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: AugsMagnumOpus_15 Start: 6949, Stop: 8649, Start Num: 102
Candidate Starts for AugsMagnumOpus_15:
(Start: 102 @6949 has 88 MA's), (137, 6997), (253, 7132), (362, 7324), (411, 7411), (510, 7609), (550, 7699), (583, 7762), (644, 7924), (800, 8122), (812, 8146), (813, 8149), (862, 8212), (882, 8233), (916, 8272), (985, 8368), (1014, 8422), (1070, 8458), (1168, 8605), (1193, 8635), (1196, 8638),

Gene: AuntGwenStacy_9 Start: 4674, Stop: 6299, Start Num: 120
Candidate Starts for AuntGwenStacy_9:
(57, 4593), (67, 4611), (97, 4650), (Start: 108 @4662 has 5 MA's), (Start: 114 @4668 has 11 MA's), (Start: 120 @4674 has 11 MA's), (Start: 125 @4680 has 1 MA's), (243, 4848), (248, 4860), (254, 4872), (342, 5016), (389, 5112), (392, 5121), (437, 5199), (439, 5205), (485, 5262), (496, 5277), (534, 5367), (547, 5400), (548, 5403), (615, 5475), (637, 5532), (665, 5580), (682, 5601), (687, 5613), (693,

5625), (709, 5649), (730, 5673), (733, 5679), (780, 5736), (789, 5754), (861, 5856), (884, 5898), (930, 5961), (938, 5970), (942, 5976), (1023, 6090), (1047, 6102), (1062, 6120), (1094, 6162), (1123, 6204), (1132, 6219),

Gene: Auspice_14 Start: 4719, Stop: 6263, Start Num: 130
Candidate Starts for Auspice_14:
(Start: 130 @4719 has 21 MA's), (Start: 163 @4767 has 23 MA's), (315, 4968), (392, 5106), (512, 5298), (643, 5508), (676, 5559), (729, 5631), (789, 5694), (796, 5718), (804, 5733), (857, 5793), (862, 5805), (907, 5865), (930, 5898), (959, 5931), (977, 5958), (1007, 6006), (1143, 6192), (1158, 6213),

Gene: AustinPowers_2 Start: 600, Stop: 1994, Start Num: 245
Candidate Starts for AustinPowers_2:
(Start: 129 @429 has 79 MA's), (Start: 245 @600 has 2 MA's), (313, 693), (338, 750), (342, 759), (364, 783), (394, 837), (464, 966), (496, 1014), (521, 1080), (548, 1140), (564, 1170), (637, 1269), (642, 1284), (768, 1452), (804, 1527), (834, 1560), (907, 1644), (939, 1692), (983, 1716), (1054, 1806), (1095, 1860), (1151, 1941), (1192, 1980),

Gene: AvGardian_3 Start: 755, Stop: 2380, Start Num: 171
Candidate Starts for AvGardian_3:
(Start: 171 @755 has 84 MA's), (278, 911), (342, 1019), (360, 1034), (398, 1103), (422, 1139), (426, 1148), (498, 1253), (500, 1256), (521, 1316), (531, 1334), (532, 1337), (542, 1364), (558, 1394), (628, 1556), (753, 1736), (837, 1859), (838, 1862), (923, 1964), (1095, 2213), (1187, 2330), (1215, 2369),

Gene: AvadaKedavra_4 Start: 1052, Stop: 2635, Start Num: 93
Candidate Starts for AvadaKedavra_4:
(Start: 93 @1052 has 92 MA's), (Start: 99 @1058 has 9 MA's), (238, 1229), (304, 1316), (313, 1334), (316, 1340), (330, 1376), (420, 1514), (422, 1517), (464, 1592), (494, 1646), (496, 1649), (498, 1652), (591, 1820), (632, 1874), (637, 1883), (643, 1898), (653, 1919), (685, 1958), (694, 1979), (699, 1985), (722, 2012), (759, 2054), (776, 2078), (786, 2096), (789, 2105), (790, 2111), (804, 2144), (834, 2177), (862, 2216), (865, 2222), (867, 2225), (912, 2270), (962, 2336), (999, 2387), (1005, 2402), (1008, 2411), (1016, 2426), (1018, 2429), (1125, 2531), (1140, 2558), (1181, 2609), (1183, 2612),

Gene: AvatarAhPeg_11 Start: 6848, Stop: 8545, Start Num: 95
Candidate Starts for AvatarAhPeg_11:
(Start: 95 @6848 has 435 MA's), (Start: 122 @6872 has 1 MA's), (Start: 258 @7034 has 2 MA's), (311, 7118), (408, 7301), (411, 7304), (432, 7343), (469, 7412), (479, 7436), (499, 7466), (510, 7502), (550, 7592), (620, 7757), (638, 7802), (661, 7844), (685, 7877), (740, 7943), (800, 8018), (812, 8042), (862, 8108), (901, 8147), (916, 8168), (985, 8264), (1168, 8501), (1193, 8531), (1196, 8534),

Gene: Avazak_13 Start: 7494, Stop: 9239, Start Num: 187
Candidate Starts for Avazak_13:
(Start: 187 @7494 has 203 MA's), (195, 7500), (252, 7587), (254, 7593), (274, 7629), (302, 7683), (353, 7779), (444, 7968), (451, 7986), (454, 7989), (492, 8058), (530, 8160), (545, 8196), (555, 8217), (570, 8241), (588, 8298), (604, 8346), (630, 8412), (644, 8445), (647, 8451), (665, 8481), (680, 8502), (726, 8574), (868, 8769), (916, 8835), (929, 8856), (931, 8859), (968, 8919), (1045, 9030), (1060, 9066), (1071, 9087), (1080, 9099), (1112, 9144), (1114, 9147), (1136, 9189), (1139, 9192),

Gene: Avle17_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Avle17_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567),

(1196, 8570),

Gene: Avocadoman_3 Start: 747, Stop: 2375, Start Num: 171
Candidate Starts for Avocadoman_3:
(Start: 171 @747 has 84 MA's), (278, 903), (342, 1011), (398, 1095), (425, 1137), (464, 1194), (498, 1245), (500, 1248), (521, 1308), (531, 1326), (542, 1356), (558, 1386), (829, 1842), (838, 1857), (1095, 2208), (1129, 2256), (1215, 2364),

Gene: Avvas_3 Start: 1086, Stop: 2546, Start Num: 149
Candidate Starts for Avvas_3:
(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (642, 1881), (649, 1896), (674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: Axiom_7 Start: 2171, Stop: 3832, Start Num: 73
Candidate Starts for Axiom_7:
(Start: 73 @2171 has 95 MA's), (326, 2489), (378, 2582), (386, 2597), (400, 2624), (413, 2645), (510, 2828), (521, 2861), (550, 2915), (570, 2948), (583, 2978), (584, 2981), (598, 3017), (648, 3104), (650, 3110), (673, 3140), (687, 3158), (798, 3287), (800, 3290), (806, 3302), (811, 3311), (815, 3320), (869, 3401), (901, 3428), (985, 3548), (1001, 3569), (1010, 3593), (1081, 3653), (1142, 3749), (1204, 3827),

Gene: Axym_4 Start: 1113, Stop: 2792, Start Num: 143
Candidate Starts for Axym_4:
(Start: 143 @1113 has 83 MA's), (Start: 191 @1164 has 2 MA's), (205, 1185), (Start: 207 @1188 has 2 MA's), (254, 1230), (300, 1311), (334, 1377), (339, 1386), (378, 1458), (386, 1473), (405, 1509), (411, 1518), (434, 1569), (482, 1668), (513, 1722), (532, 1758), (598, 1902), (609, 1938), (623, 1977), (635, 2010), (661, 2058), (685, 2091), (697, 2115), (738, 2148), (776, 2181), (798, 2238), (803, 2247), (859, 2331), (882, 2358), (929, 2418), (1001, 2514), (1072, 2586), (1081, 2598), (1165, 2718), (1213, 2778), (1214, 2781),

Gene: Ayanochan_13 Start: 8157, Stop: 9929, Start Num: 114
Candidate Starts for Ayanochan_13:
(Start: 96 @8142 has 243 MA's), (Start: 114 @8157 has 11 MA's), (Start: 120 @8163 has 11 MA's), (200, 8274), (250, 8373), (339, 8535), (381, 8607), (411, 8661), (432, 8700), (469, 8772), (510, 8862), (518, 8886), (580, 9003), (584, 9018), (622, 9126), (659, 9201), (685, 9237), (717, 9297), (806, 9417), (817, 9438), (852, 9477), (901, 9531), (904, 9534), (916, 9552), (954, 9606), (979, 9636), (985, 9648), (1070, 9738), (1083, 9756), (1168, 9885), (1191, 9912), (1193, 9915),

Gene: AylexOG_4 Start: 1044, Stop: 2672, Start Num: 171
Candidate Starts for AylexOG_4:
(Start: 171 @1044 has 84 MA's), (278, 1200), (342, 1308), (398, 1392), (415, 1416), (425, 1434), (498, 1542), (500, 1545), (521, 1605), (531, 1623), (542, 1653), (558, 1683), (829, 2139), (838, 2154), (1095, 2505), (1215, 2661),

Gene: Azathoth_4 Start: 800, Stop: 2290, Start Num: 146
Candidate Starts for Azathoth_4:
(Start: 146 @800 has 40 MA's), (181, 845), (255, 947), (267, 965), (274, 974), (313, 1025), (315, 1028), (319, 1037), (330, 1067), (345, 1094), (415, 1193), (474, 1292), (486, 1316), (488, 1319), (491, 1322), (513, 1367), (650, 1601), (692, 1649), (694, 1661), (728, 1700), (748, 1718), (768, 1730), (770, 1733), (781, 1754), (785, 1760), (789, 1772), (838, 1850), (874, 1904), (930, 1958), (940, 1970), (970, 2015), (1005, 2063), (1081, 2147), (1125, 2204), (1175, 2273),

Gene: Azaz_2 Start: 373, Stop: 1995, Start Num: 149
Candidate Starts for Azaz_2:
(Start: 134 @352 has 16 MA's), (Start: 149 @373 has 162 MA's), (313, 604), (319, 616), (333, 652), (342, 670), (347, 676), (394, 748), (505, 916), (521, 967), (534, 991), (548, 1027), (559, 1048), (569, 1063), (589, 1123), (628, 1207), (780, 1423), (787, 1435), (829, 1501), (834, 1507), (862, 1546), (903, 1585), (907, 1591), (923, 1618), (956, 1663), (1125, 1903), (1144, 1930), (1159, 1951), (1187, 1981), (1190, 1984),

Gene: Azira_6 Start: 1989, Stop: 3689, Start Num: 143
Candidate Starts for Azira_6:
(Start: 143 @1989 has 83 MA's), (Start: 167 @2019 has 4 MA's), (205, 2061), (300, 2199), (327, 2247), (341, 2277), (362, 2310), (386, 2361), (392, 2376), (411, 2406), (434, 2457), (482, 2556), (497, 2577), (532, 2646), (550, 2688), (568, 2718), (623, 2865), (642, 2916), (685, 2979), (697, 3003), (775, 3069), (789, 3102), (796, 3126), (798, 3129), (803, 3138), (813, 3159), (834, 3186), (862, 3231), (869, 3243), (879, 3249), (901, 3270), (926, 3309), (1001, 3408), (1016, 3444), (1110, 3531), (1165, 3612), (1168, 3618), (1213, 3675), (1214, 3678),

Gene: Aziz_18 Start: 5321, Stop: 6862, Start Num: 130
Candidate Starts for Aziz_18:
(Start: 130 @5321 has 21 MA's), (Start: 132 @5324 has 2 MA's), (266, 5507), (281, 5525), (310, 5558), (315, 5567), (392, 5705), (494, 5858), (512, 5897), (561, 5990), (572, 6011), (676, 6158), (715, 6218), (834, 6365), (857, 6392), (912, 6470), (959, 6530), (977, 6557), (1158, 6812),

Gene: Azizam_3 Start: 1074, Stop: 2534, Start Num: 149
Candidate Starts for Azizam_3:
(Start: 149 @1074 has 162 MA's), (Start: 154 @1080 has 4 MA's), (Start: 272 @1242 has 48 MA's), (278, 1251), (315, 1311), (348, 1380), (366, 1401), (394, 1452), (520, 1656), (592, 1791), (642, 1869), (649, 1884), (674, 1920), (703, 1962), (739, 1995), (765, 2013), (834, 2133), (835, 2136), (848, 2148), (905, 2223), (944, 2286), (958, 2304), (960, 2307), (1098, 2469), (1104, 2478), (1110, 2487), (1135, 2526),

Gene: Azrael100_25 Start: 8124, Stop: 9737, Start Num: 108
Candidate Starts for Azrael100_25:
(Start: 108 @8124 has 5 MA's), (238, 8274), (248, 8292), (Start: 268 @8325 has 4 MA's), (278, 8337), (317, 8388), (319, 8391), (339, 8439), (342, 8445), (374, 8484), (377, 8487), (392, 8520), (432, 8589), (470, 8655), (478, 8673), (494, 8697), (498, 8703), (540, 8808), (572, 8850), (589, 8868), (592, 8877), (741, 9081), (747, 9087), (762, 9120), (862, 9285), (867, 9294), (870, 9300), (872, 9303), (930, 9378), (959, 9411), (968, 9426), (1016, 9507), (1140, 9660), (1153, 9681), (1155, 9684),

Gene: Aztec_3 Start: 1074, Stop: 2534, Start Num: 149
Candidate Starts for Aztec_3:
(Start: 149 @1074 has 162 MA's), (Start: 154 @1080 has 4 MA's), (Start: 272 @1242 has 48 MA's), (278, 1251), (315, 1311), (348, 1380), (366, 1401), (394, 1452), (520, 1656), (642, 1869), (649, 1884), (674, 1920), (703, 1962), (739, 1995), (765, 2013), (834, 2133), (835, 2136), (848, 2148), (905, 2223), (944, 2286), (958, 2304), (960, 2307), (1098, 2469), (1104, 2478), (1110, 2487), (1135, 2526),

Gene: B1_09 Start: 6133, Stop: 7830, Start Num: 95
Candidate Starts for B1_09:
(Start: 95 @6133 has 435 MA's), (152, 6205), (311, 6403), (339, 6466), (403, 6577), (411, 6589), (432, 6628), (438, 6640), (469, 6697), (479, 6721), (499, 6751), (510, 6787), (513, 6796), (550, 6877), (565, 6904), (620, 7042), (647, 7108), (661, 7129), (685, 7162), (740, 7228), (800, 7303), (812, 7327), (813, 7330), (817, 7336), (825, 7345), (862, 7393), (901, 7432), (904, 7435), (916, 7453), (985, 7549), (1014, 7603), (1145, 7756), (1168, 7786), (1193, 7816), (1196, 7819),

Gene: B3_3 Start: 1202, Stop: 2782, Start Num: 171
Candidate Starts for B3_3:
(Start: 167 @1193 has 4 MA's), (Start: 169 @1196 has 6 MA's), (Start: 171 @1202 has 84 MA's), (Start: 191 @1229 has 2 MA's), (211, 1262), (233, 1292), (Start: 245 @1310 has 2 MA's), (Start: 246 @1313 has 12 MA's), (254, 1328), (Start: 268 @1349 has 4 MA's), (Start: 272 @1352 has 48 MA's), (328, 1439), (333, 1451), (342, 1469), (355, 1499), (356, 1502), (392, 1574), (396, 1580), (420, 1616), (423, 1622), (438, 1655), (472, 1712), (496, 1754), (500, 1760), (532, 1841), (547, 1877), (548, 1880), (563, 1907), (569, 1916), (579, 1952), (657, 2096), (684, 2126), (699, 2153), (709, 2168), (722, 2180), (757, 2222), (782, 2264), (788, 2273), (796, 2297), (834, 2345), (837, 2351), (857, 2372), (858, 2375), (907, 2429), (925, 2459), (982, 2498), (1001, 2522), (1014, 2555), (1044, 2573), (1057, 2600), (1064, 2606), (1072, 2618), (1110, 2666), (1129, 2696), (1181, 2771),

Gene: BABullseye_15 Start: 7523, Stop: 9277, Start Num: 96
Candidate Starts for BABullseye_15:
(Start: 96 @7523 has 243 MA's), (250, 7754), (283, 7805), (300, 7841), (339, 7916), (411, 8039), (432, 8078), (469, 8147), (479, 8171), (480, 8174), (510, 8237), (518, 8261), (570, 8360), (571, 8363), (583, 8390), (584, 8393), (740, 8678), (806, 8765), (812, 8777), (862, 8840), (901, 8879), (916, 8900), (979, 8984), (985, 8996), (1168, 9233), (1191, 9260), (1193, 9263),

Gene: BAjuniper_3 Start: 781, Stop: 2379, Start Num: 171
Candidate Starts for BAjuniper_3:
(Start: 171 @781 has 84 MA's), (Start: 191 @808 has 2 MA's), (238, 877), (Start: 245 @889 has 2 MA's), (278, 937), (315, 982), (342, 1045), (347, 1051), (398, 1129), (415, 1153), (426, 1174), (464, 1228), (498, 1279), (521, 1342), (548, 1402), (558, 1420), (577, 1471), (699, 1693), (780, 1795), (782, 1798), (796, 1831), (909, 1966), (1111, 2260), (1134, 2296), (1198, 2368), (1201, 2371),

Gene: BFK20_ORF2 Start: 538, Stop: 2166, Start Num: 168
Candidate Starts for BFK20_ORF2:
(89, 427), (Start: 146 @508 has 40 MA's), (168, 538), (317, 763), (330, 796), (381, 901), (400, 937), (410, 949), (419, 964), (425, 976), (445, 1024), (453, 1042), (461, 1054), (471, 1072), (498, 1120), (520, 1180), (548, 1243), (563, 1270), (642, 1387), (659, 1417), (789, 1609), (982, 1831), (1001, 1855), (1055, 1927), (1137, 2044), (1209, 2146), (1212, 2152),

Gene: BK1_09 Start: 6581, Stop: 8269, Start Num: 95
Candidate Starts for BK1_09:
(Start: 95 @6581 has 435 MA's), (Start: 258 @6761 has 2 MA's), (311, 6845), (327, 6881), (339, 6908), (411, 7031), (430, 7064), (469, 7139), (510, 7229), (518, 7253), (534, 7280), (553, 7328), (620, 7484), (644, 7544), (819, 7778), (832, 7790), (862, 7832), (882, 7853), (908, 7880), (985, 7988), (1070, 8078), (1139, 8183),

Gene: BPBiebs31_12 Start: 7253, Stop: 8941, Start Num: 95
Candidate Starts for BPBiebs31_12:
(Start: 95 @7253 has 435 MA's), (Start: 258 @7433 has 2 MA's), (311, 7517), (327, 7553), (339, 7580), (394, 7676), (411, 7703), (430, 7736), (469, 7811), (510, 7901), (518, 7925), (534, 7952), (553, 8000), (591, 8069), (620, 8156), (644, 8216), (813, 8441), (819, 8450), (832, 8462), (862, 8504), (882, 8525), (908, 8552), (985, 8660), (1070, 8750), (1139, 8855),

Gene: Babsiella_2 Start: 521, Stop: 2080, Start Num: 128
Candidate Starts for Babsiella_2:
(Start: 128 @521 has 6 MA's), (200, 611), (253, 698), (294, 755), (326, 818), (403, 935), (409, 944), (440, 1016), (459, 1052), (510, 1160), (514, 1172), (515, 1175), (532, 1214), (538, 1232), (608, 1379), (634, 1421), (688, 1505), (697, 1526), (771, 1589), (815, 1667), (817, 1670), (828, 1682), (923, 1817),

(926, 1820), (982, 1883), (983, 1886), (1004, 1919), (1079, 2000), (1103, 2033),

Gene: Babushka_2 Start: 372, Stop: 1994, Start Num: 149
Candidate Starts for Babushka_2:
(Start: 134 @351 has 16 MA's), (Start: 149 @372 has 162 MA's), (Start: 246 @513 has 12 MA's), (315, 606), (333, 651), (342, 669), (394, 747), (464, 852), (521, 966), (548, 1026), (559, 1047), (569, 1062), (589, 1122), (599, 1143), (628, 1206), (780, 1422), (787, 1434), (798, 1461), (829, 1500), (862, 1545), (903, 1584), (923, 1617), (956, 1662), (1038, 1779), (1072, 1833), (1125, 1902), (1129, 1908), (1144, 1929), (1187, 1980), (1190, 1983),

Gene: Baby16_11 Start: 6893, Stop: 8590, Start Num: 95
Candidate Starts for Baby16_11:
(Start: 95 @6893 has 435 MA's), (Start: 122 @6917 has 1 MA's), (Start: 207 @7040 has 2 MA's), (293, 7130), (311, 7163), (362, 7262), (408, 7346), (411, 7349), (432, 7388), (469, 7457), (479, 7481), (510, 7547), (550, 7637), (620, 7802), (661, 7889), (685, 7922), (740, 7988), (798, 8060), (800, 8063), (812, 8087), (852, 8138), (862, 8153), (901, 8192), (916, 8213), (985, 8309), (1168, 8546), (1193, 8576), (1196, 8579),

Gene: BabyBack_14 Start: 9110, Stop: 10870, Start Num: 96
Candidate Starts for BabyBack_14:
(Start: 96 @9110 has 243 MA's), (179, 9218), (193, 9239), (241, 9329), (250, 9347), (408, 9629), (411, 9632), (432, 9671), (469, 9740), (510, 9830), (518, 9854), (570, 9953), (583, 9983), (584, 9986), (740, 10271), (800, 10346), (806, 10358), (812, 10370), (869, 10445), (904, 10475), (916, 10493), (979, 10577), (985, 10589), (1024, 10658), (1168, 10826), (1191, 10853), (1193, 10856),

Gene: BabyDaisy_4 Start: 944, Stop: 2572, Start Num: 171
Candidate Starts for BabyDaisy_4:
(Start: 171 @944 has 84 MA's), (278, 1100), (342, 1208), (378, 1253), (398, 1292), (425, 1334), (464, 1391), (498, 1442), (500, 1445), (521, 1505), (531, 1523), (542, 1553), (558, 1583), (838, 2054), (923, 2156), (1095, 2405), (1129, 2453), (1147, 2477), (1187, 2522),

Gene: BabyJohn_10 Start: 6717, Stop: 8414, Start Num: 95
Candidate Starts for BabyJohn_10:
(Start: 95 @6717 has 435 MA's), (152, 6789), (311, 6987), (339, 7050), (403, 7161), (411, 7173), (432, 7212), (438, 7224), (469, 7281), (479, 7305), (510, 7371), (513, 7380), (550, 7461), (565, 7488), (620, 7626), (647, 7692), (661, 7713), (685, 7746), (740, 7812), (800, 7887), (812, 7911), (813, 7914), (817, 7920), (825, 7929), (862, 7977), (901, 8016), (916, 8037), (985, 8133), (1010, 8178), (1014, 8187), (1145, 8340), (1168, 8370), (1193, 8400), (1196, 8403),

Gene: BabyRay_11 Start: 6733, Stop: 8430, Start Num: 95
Candidate Starts for BabyRay_11:
(Start: 95 @6733 has 435 MA's), (Start: 122 @6757 has 1 MA's), (Start: 271 @6940 has 3 MA's), (311, 7003), (339, 7066), (403, 7177), (411, 7189), (432, 7228), (469, 7297), (479, 7321), (510, 7387), (513, 7396), (550, 7477), (620, 7642), (647, 7708), (661, 7729), (685, 7762), (740, 7828), (812, 7927), (813, 7930), (817, 7936), (825, 7945), (852, 7978), (862, 7993), (916, 8053), (985, 8149), (1010, 8194), (1014, 8203), (1024, 8218), (1145, 8356), (1168, 8386), (1193, 8416), (1196, 8419),

Gene: BabyYoda_3 Start: 958, Stop: 2583, Start Num: 171
Candidate Starts for BabyYoda_3:
(Start: 171 @958 has 84 MA's), (278, 1114), (319, 1168), (342, 1222), (360, 1237), (398, 1306), (426, 1351), (498, 1456), (500, 1459), (521, 1519), (531, 1537), (532, 1540), (542, 1567), (558, 1597), (628, 1759), (782, 1975), (829, 2050), (837, 2062), (1095, 2416), (1129, 2464),

Gene: Bachaco_3 Start: 938, Stop: 2503, Start Num: 171
Candidate Starts for Bachaco_3:
(Start: 171 @938 has 84 MA's), (278, 1094), (342, 1202), (394, 1280), (400, 1289), (419, 1316), (464, 1385), (498, 1436), (521, 1499), (558, 1577), (699, 1850), (796, 1988), (899, 2117), (907, 2120), (1134, 2420), (1159, 2450), (1201, 2495),

Gene: Bachome_12 Start: 8021, Stop: 9784, Start Num: 96
Candidate Starts for Bachome_12:
(Start: 96 @8021 has 243 MA's), (Start: 120 @8042 has 11 MA's), (179, 8129), (250, 8258), (262, 8282), (300, 8345), (381, 8489), (408, 8540), (411, 8543), (469, 8654), (479, 8678), (480, 8681), (510, 8744), (513, 8753), (518, 8768), (580, 8885), (584, 8900), (605, 8960), (638, 9044), (806, 9272), (812, 9284), (852, 9332), (862, 9347), (901, 9386), (916, 9407), (942, 9446), (979, 9491), (985, 9503), (1168, 9740), (1191, 9767),

Gene: Backyardigan_11 Start: 6893, Stop: 8590, Start Num: 95
Candidate Starts for Backyardigan_11:
(Start: 95 @6893 has 435 MA's), (Start: 122 @6917 has 1 MA's), (311, 7163), (365, 7268), (408, 7346), (411, 7349), (432, 7388), (469, 7457), (479, 7481), (510, 7547), (550, 7637), (620, 7802), (638, 7847), (661, 7889), (685, 7922), (740, 7988), (798, 8060), (800, 8063), (812, 8087), (862, 8153), (901, 8192), (916, 8213), (985, 8309), (1167, 8543), (1168, 8546), (1193, 8576), (1196, 8579),

Gene: BaconJack_13 Start: 7032, Stop: 8720, Start Num: 95
Candidate Starts for BaconJack_13:
(Start: 95 @7032 has 435 MA's), (311, 7296), (323, 7320), (411, 7482), (430, 7515), (469, 7590), (510, 7680), (518, 7704), (534, 7731), (553, 7779), (591, 7848), (620, 7935), (644, 7995), (813, 8220), (819, 8229), (832, 8241), (862, 8283), (882, 8304), (908, 8331), (985, 8439), (1070, 8529), (1139, 8634),

Gene: Bactobuster_13 Start: 9196, Stop: 10974, Start Num: 96
Candidate Starts for Bactobuster_13:
(Start: 96 @9196 has 243 MA's), (Start: 120 @9214 has 11 MA's), (200, 9325), (Start: 207 @9337 has 2 MA's), (226, 9379), (231, 9391), (235, 9400), (250, 9424), (300, 9511), (408, 9706), (411, 9709), (432, 9748), (469, 9817), (510, 9907), (518, 9931), (570, 10030), (584, 10063), (733, 10363), (800, 10450), (869, 10549), (901, 10576), (916, 10597), (985, 10693), (1168, 10930), (1191, 10957), (1193, 10960),

Gene: BadWillHunting_4 Start: 1013, Stop: 2494, Start Num: 246
Candidate Starts for BadWillHunting_4:
(Start: 134 @848 has 16 MA's), (Start: 246 @1013 has 12 MA's), (Start: 272 @1052 has 48 MA's), (313, 1103), (319, 1115), (333, 1151), (342, 1169), (464, 1352), (521, 1466), (526, 1478), (548, 1526), (559, 1547), (569, 1562), (589, 1619), (787, 1934), (829, 2000), (837, 2012), (862, 2045), (903, 2084), (909, 2093), (912, 2096), (956, 2162), (982, 2192), (1008, 2237), (1038, 2279), (1054, 2306), (1055, 2309), (1125, 2402), (1129, 2408), (1144, 2429), (1151, 2441), (1187, 2480), (1190, 2483),

Gene: Badger_11 Start: 6882, Stop: 8579, Start Num: 95
Candidate Starts for Badger_11:
(Start: 95 @6882 has 435 MA's), (Start: 122 @6906 has 1 MA's), (311, 7152), (365, 7257), (408, 7335), (411, 7338), (432, 7377), (469, 7446), (479, 7470), (510, 7536), (550, 7626), (620, 7791), (638, 7836), (661, 7878), (685, 7911), (740, 7977), (798, 8049), (800, 8052), (812, 8076), (862, 8142), (901, 8181), (916, 8202), (985, 8298), (1167, 8532), (1168, 8535), (1193, 8565), (1196, 8568),

Gene: Baehexic_13 Start: 7944, Stop: 9731, Start Num: 96
Candidate Starts for Baehexic_13:

(50, 7860), (Start: 96 @7944 has 243 MA's), (179, 8052), (193, 8073), (250, 8181), (411, 8466), (469, 8574), (510, 8664), (518, 8688), (580, 8805), (584, 8820), (800, 9207), (901, 9333), (916, 9354), (985, 9450), (1168, 9687), (1191, 9714), (1193, 9717), (1196, 9720), (1199, 9723),

Gene: Baine_3 Start: 1071, Stop: 2531, Start Num: 149
Candidate Starts for Baine_3:
(Start: 149 @1071 has 162 MA's), (Start: 154 @1077 has 4 MA's), (Start: 272 @1239 has 48 MA's), (278, 1248), (315, 1308), (348, 1377), (366, 1398), (394, 1449), (520, 1653), (642, 1866), (649, 1881), (674, 1917), (703, 1959), (739, 1992), (765, 2010), (834, 2130), (835, 2133), (848, 2145), (905, 2220), (944, 2283), (958, 2301), (960, 2304), (1098, 2466), (1104, 2475), (1110, 2484), (1135, 2523),

Gene: Ball_2 Start: 633, Stop: 2009, Start Num: 335
Candidate Starts for Ball_2:
(308, 570), (335, 633), (351, 657), (361, 681), (400, 765), (433, 834), (438, 846), (517, 1014), (529, 1041), (565, 1119), (574, 1140), (597, 1194), (671, 1344), (673, 1347), (687, 1374), (804, 1551), (865, 1629), (878, 1641), (965, 1767), (1008, 1833), (1015, 1848), (1023, 1860), (1105, 1938), (1142, 2001),

Gene: Balloona_3 Start: 903, Stop: 2579, Start Num: 143
Candidate Starts for Balloona_3:
(Start: 143 @903 has 83 MA's), (Start: 191 @954 has 2 MA's), (205, 975), (254, 1020), (283, 1062), (300, 1098), (334, 1164), (386, 1260), (405, 1296), (411, 1305), (413, 1308), (434, 1356), (438, 1368), (482, 1455), (574, 1635), (598, 1689), (678, 1869), (697, 1902), (776, 1968), (803, 2034), (806, 2040), (862, 2124), (929, 2205), (954, 2238), (1003, 2307), (1081, 2385), (1083, 2388), (1141, 2478), (1145, 2484), (1165, 2505), (1168, 2511), (1213, 2565), (1214, 2568),

Gene: BangNhom_10 Start: 6861, Stop: 8558, Start Num: 95
Candidate Starts for BangNhom_10:
(Start: 95 @6861 has 435 MA's), (Start: 122 @6885 has 1 MA's), (Start: 207 @7008 has 2 MA's), (293, 7098), (311, 7131), (408, 7314), (411, 7317), (432, 7356), (469, 7425), (479, 7449), (510, 7515), (550, 7605), (620, 7770), (661, 7857), (685, 7890), (740, 7956), (798, 8028), (800, 8031), (812, 8055), (852, 8106), (862, 8121), (901, 8160), (916, 8181), (985, 8277), (1168, 8514), (1193, 8544), (1196, 8547),

Gene: Banquo_11 Start: 4530, Stop: 6218, Start Num: 99
Candidate Starts for Banquo_11:
(Start: 99 @4530 has 9 MA's), (157, 4608), (285, 4800), (333, 4881), (366, 4926), (378, 4944), (389, 4965), (407, 4995), (429, 5034), (464, 5103), (500, 5157), (534, 5241), (535, 5244), (536, 5247), (547, 5274), (548, 5277), (628, 5382), (688, 5499), (694, 5514), (768, 5607), (772, 5613), (784, 5637), (803, 5679), (811, 5694), (838, 5724), (853, 5736), (891, 5787), (907, 5799), (939, 5847), (944, 5856), (983, 5922), (1014, 5976), (1046, 6009), (1130, 6126), (1144, 6144), (1151, 6156), (1195, 6204), (1206, 6210),

Gene: Baoshan_3 Start: 901, Stop: 2469, Start Num: 93
Candidate Starts for Baoshan_3:
(Start: 93 @901 has 92 MA's), (Start: 99 @907 has 9 MA's), (Start: 107 @916 has 24 MA's), (228, 1063), (304, 1165), (347, 1255), (419, 1360), (494, 1498), (498, 1504), (516, 1549), (558, 1624), (591, 1672), (632, 1726), (643, 1750), (653, 1771), (671, 1795), (676, 1801), (694, 1831), (699, 1837), (729, 1873), (776, 1930), (786, 1948), (790, 1963), (838, 2038), (845, 2041), (867, 2077), (872, 2086), (912, 2122), (962, 2188), (1008, 2263), (1018, 2281), (1024, 2290), (1158, 2437), (1181, 2461), (1183, 2464),

Gene: BarBear_3 Start: 1086, Stop: 2546, Start Num: 149
Candidate Starts for BarBear_3:

(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (642, 1881), (649, 1896), (674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: Barbarian_8 Start: 2168, Stop: 3838, Start Num: 272
Candidate Starts for Barbarian_8:
(Start: 272 @2168 has 48 MA's), (309, 2231), (435, 2465), (487, 2567), (570, 2747), (576, 2771), (585, 2789), (595, 2801), (616, 2864), (621, 2876), (642, 2921), (649, 2936), (700, 3014), (728, 3059), (759, 3113), (760, 3119), (814, 3233), (910, 3377), (933, 3413), (1014, 3566), (1022, 3578), (1065, 3635), (1091, 3671), (1124, 3722), (1142, 3758), (1145, 3761), (1193, 3827),

Gene: BarbieDoll_8 Start: 3540, Stop: 5273, Start Num: 187
Candidate Starts for BarbieDoll_8:
(Start: 187 @3540 has 203 MA's), (215, 3579), (243, 3615), (254, 3639), (388, 3876), (395, 3894), (413, 3924), (444, 4002), (454, 4023), (492, 4092), (530, 4194), (539, 4218), (570, 4275), (578, 4308), (604, 4380), (644, 4479), (661, 4509), (685, 4551), (726, 4608), (778, 4689), (876, 4821), (929, 4890), (931, 4893), (992, 4986), (1059, 5097), (1071, 5121), (1080, 5133), (1089, 5145), (1136, 5223), (1139, 5226),

Gene: Barbonzobean_7 Start: 3236, Stop: 4969, Start Num: 187
Candidate Starts for Barbonzobean_7:
(Start: 187 @3236 has 203 MA's), (215, 3275), (243, 3311), (254, 3335), (388, 3572), (395, 3590), (413, 3620), (444, 3698), (454, 3719), (492, 3788), (530, 3890), (539, 3914), (570, 3971), (578, 4004), (604, 4076), (644, 4175), (661, 4205), (685, 4247), (726, 4304), (778, 4385), (876, 4517), (929, 4586), (931, 4589), (992, 4682), (1059, 4793), (1071, 4817), (1080, 4829), (1089, 4841), (1136, 4919), (1139, 4922),

Gene: Barebow_2 Start: 355, Stop: 1803, Start Num: 149
Candidate Starts for Barebow_2:
(72, 244), (135, 337), (Start: 149 @355 has 162 MA's), (196, 418), (232, 478), (313, 592), (338, 649), (342, 658), (364, 682), (505, 895), (516, 928), (517, 931), (531, 961), (615, 1078), (636, 1117), (857, 1426), (883, 1468), (905, 1489), (941, 1546), (947, 1555), (960, 1573), (969, 1588), (1135, 1795),

Gene: Barnstormer_2 Start: 634, Stop: 2352, Start Num: 93
Candidate Starts for Barnstormer_2:
(Start: 93 @634 has 92 MA's), (373, 1006), (400, 1057), (411, 1075), (482, 1225), (773, 1720), (985, 2026), (997, 2041), (1105, 2206), (1150, 2278),

Gene: Barriga_11 Start: 6857, Stop: 8545, Start Num: 95
Candidate Starts for Barriga_11:
(Start: 95 @6857 has 435 MA's), (311, 7121), (323, 7145), (411, 7307), (430, 7340), (469, 7415), (510, 7505), (518, 7529), (534, 7556), (553, 7604), (571, 7631), (620, 7760), (622, 7769), (644, 7820), (813, 8045), (819, 8054), (832, 8066), (862, 8108), (882, 8129), (908, 8156), (985, 8264), (1070, 8354), (1139, 8459),

Gene: BarrowTuph_10 Start: 6904, Stop: 8592, Start Num: 95
Candidate Starts for BarrowTuph_10:
(Start: 95 @6904 has 435 MA's), (311, 7168), (323, 7192), (411, 7354), (430, 7387), (469, 7462), (510, 7552), (518, 7576), (553, 7651), (620, 7807), (622, 7816), (642, 7864), (644, 7867), (813, 8092), (819, 8101), (832, 8113), (862, 8155), (882, 8176), (908, 8203), (985, 8311), (1070, 8401), (1139, 8506),

Gene: BarryBee_8 Start: 2376, Stop: 4022, Start Num: 73

Candidate Starts for BarryBee_8:
(Start: 73 @2376 has 95 MA's), (Start: 86 @2394 has 10 MA's), (Start: 207 @2526 has 2 MA's), (283, 2598), (300, 2634), (400, 2814), (413, 2835), (437, 2880), (458, 2922), (497, 2994), (510, 3018), (556, 3117), (565, 3132), (580, 3156), (581, 3162), (673, 3330), (800, 3480), (811, 3501), (852, 3564), (869, 3591), (959, 3699), (985, 3738), (1001, 3759), (1003, 3765), (1010, 3783), (1105, 3879), (1142, 3939), (1204, 4017),

Gene: BartholomewSD_8 Start: 2347, Stop: 3993, Start Num: 73
Candidate Starts for BartholomewSD_8:
(Start: 73 @2347 has 95 MA's), (Start: 207 @2497 has 2 MA's), (311, 2617), (326, 2650), (378, 2743), (386, 2758), (400, 2785), (413, 2806), (458, 2893), (497, 2965), (510, 2989), (556, 3088), (574, 3124), (616, 3229), (648, 3265), (673, 3301), (687, 3319), (798, 3448), (800, 3451), (806, 3463), (811, 3472), (813, 3478), (815, 3481), (869, 3562), (901, 3589), (959, 3670), (985, 3709), (1001, 3730), (1010, 3754), (1067, 3796), (1081, 3814), (1142, 3910), (1204, 3988),

Gene: Bartimeaus_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Bartimeaus_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Basilisk_3 Start: 961, Stop: 2607, Start Num: 134
Candidate Starts for Basilisk_3:
(Start: 120 @937 has 11 MA's), (Start: 134 @961 has 16 MA's), (Start: 182 @1027 has 15 MA's), (Start: 246 @1123 has 12 MA's), (252, 1132), (319, 1225), (334, 1264), (342, 1279), (364, 1303), (425, 1405), (521, 1576), (526, 1588), (531, 1594), (548, 1636), (559, 1657), (581, 1717), (593, 1747), (599, 1756), (628, 1819), (701, 1936), (780, 2035), (787, 2047), (829, 2113), (838, 2128), (862, 2158), (903, 2197), (909, 2206), (915, 2215), (939, 2251), (982, 2305), (1125, 2515), (1154, 2557), (1190, 2596),

Gene: Bask21_8 Start: 1963, Stop: 3633, Start Num: 269
Candidate Starts for Bask21_8:
(Start: 269 @1963 has 11 MA's), (435, 2260), (487, 2362), (570, 2542), (576, 2566), (585, 2584), (595, 2596), (616, 2659), (621, 2671), (642, 2716), (649, 2731), (700, 2809), (728, 2854), (759, 2908), (760, 2914), (814, 3028), (841, 3076), (910, 3172), (933, 3208), (1014, 3361), (1022, 3373), (1065, 3430), (1091, 3466), (1124, 3517), (1142, 3553), (1145, 3556), (1193, 3622),

Gene: BatStarr_2 Start: 498, Stop: 2222, Start Num: 201
Candidate Starts for BatStarr_2:
(Start: 190 @483 has 1 MA's), (Start: 201 @498 has 43 MA's), (259, 588), (383, 804), (393, 828), (397, 834), (411, 858), (438, 915), (476, 987), (571, 1185), (590, 1227), (596, 1233), (626, 1317), (641, 1344), (711, 1455), (725, 1482), (826, 1659), (999, 1932), (1001, 1935), (1003, 1941), (1011, 1962), (1034, 2001), (1066, 2049), (1073, 2058), (1091, 2082), (1114, 2100), (1145, 2157), (1194, 2214),

Gene: Batiatus_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Batiatus_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796),

(901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Battleship_15 Start: 6808, Stop: 8505, Start Num: 96
Candidate Starts for Battleship_15:
(Start: 96 @6808 has 243 MA's), (Start: 118 @6826 has 1 MA's), (253, 6988), (339, 7144), (381, 7213), (411, 7267), (469, 7375), (480, 7402), (510, 7465), (518, 7489), (812, 8005), (862, 8068), (904, 8110), (985, 8224), (1081, 8329), (1168, 8461), (1191, 8488), (1193, 8491), (1196, 8494),

Gene: Bavilard_4 Start: 1679, Stop: 3355, Start Num: 143
Candidate Starts for Bavilard_4:
(Start: 143 @1679 has 83 MA's), (Start: 191 @1730 has 2 MA's), (205, 1751), (254, 1796), (283, 1838), (300, 1874), (386, 2036), (405, 2072), (411, 2081), (413, 2084), (434, 2132), (438, 2144), (482, 2231), (574, 2411), (598, 2465), (678, 2645), (697, 2678), (776, 2744), (803, 2810), (806, 2816), (862, 2900), (929, 2981), (954, 3014), (1003, 3083), (1081, 3161), (1145, 3260), (1165, 3281), (1168, 3287), (1213, 3341), (1214, 3344),

Gene: Bazzle_4 Start: 1010, Stop: 2578, Start Num: 93
Candidate Starts for Bazzle_4:
(Start: 93 @1010 has 92 MA's), (Start: 99 @1016 has 9 MA's), (228, 1172), (255, 1220), (Start: 268 @1238 has 4 MA's), (419, 1469), (494, 1607), (498, 1613), (558, 1733), (591, 1781), (643, 1859), (653, 1880), (671, 1904), (676, 1910), (694, 1940), (699, 1946), (722, 1973), (729, 1982), (790, 2072), (845, 2150), (867, 2186), (912, 2231), (962, 2297), (999, 2348), (1008, 2372), (1018, 2390), (1024, 2399), (1158, 2546), (1181, 2570), (1183, 2573),

Gene: BearBQ_2 Start: 486, Stop: 2147, Start Num: 143
Candidate Starts for BearBQ_2:
(48, 324), (60, 357), (Start: 62 @360 has 1 MA's), (90, 411), (97, 420), (Start: 125 @453 has 1 MA's), (Start: 143 @486 has 83 MA's), (Start: 191 @537 has 2 MA's), (200, 549), (216, 576), (253, 597), (295, 666), (300, 681), (324, 720), (334, 747), (339, 756), (341, 759), (362, 792), (377, 825), (378, 828), (386, 843), (405, 879), (406, 882), (411, 888), (422, 903), (423, 906), (437, 942), (469, 996), (497, 1047), (510, 1071), (550, 1158), (581, 1218), (584, 1227), (598, 1263), (609, 1299), (624, 1341), (645, 1395), (661, 1419), (678, 1443), (727, 1503), (738, 1509), (789, 1572), (812, 1626), (825, 1644), (862, 1701), (869, 1713), (901, 1740), (959, 1821), (981, 1851), (1005, 1890), (1016, 1914), (1072, 1950), (1081, 1962), (1083, 1965), (1142, 2058), (1145, 2061), (1157, 2079), (1172, 2100), (1188, 2121), (1204, 2136),

Gene: BeardedLady_7 Start: 2667, Stop: 4295, Start Num: 86
Candidate Starts for BeardedLady_7:
(Start: 73 @2649 has 95 MA's), (Start: 86 @2667 has 10 MA's), (283, 2871), (326, 2952), (400, 3087), (413, 3108), (458, 3195), (497, 3267), (510, 3291), (556, 3390), (584, 3444), (638, 3543), (673, 3603), (806, 3765), (811, 3774), (869, 3864), (901, 3891), (957, 3969), (959, 3972), (985, 4011), (1001, 4032), (1003, 4038), (1010, 4056), (1105, 4152), (1142, 4212),

Gene: Beaupre_2 Start: 594, Stop: 2282, Start Num: 119
Candidate Starts for Beaupre_2:
(Start: 119 @594 has 16 MA's), (295, 795), (373, 939), (411, 1008), (456, 1095), (482, 1149), (509, 1188), (570, 1323), (608, 1425), (773, 1647), (800, 1698), (959, 1917), (985, 1953), (997, 1968), (1142, 2193), (1150, 2205), (1165, 2220), (1204, 2271),

Gene: Beauxregard13_13 Start: 6957, Stop: 8657, Start Num: 102
Candidate Starts for Beauxregard13_13:

(Start: 102 @6957 has 88 MA's), (137, 7005), (253, 7140), (362, 7332), (411, 7419), (510, 7617), (550, 7707), (583, 7770), (644, 7932), (800, 8130), (812, 8154), (813, 8157), (862, 8220), (882, 8241), (916, 8280), (985, 8376), (1014, 8430), (1070, 8466), (1168, 8613), (1193, 8643), (1196, 8646),

Gene: Bedetta_4 Start: 1013, Stop: 2494, Start Num: 246
Candidate Starts for Bedetta_4:
(Start: 134 @848 has 16 MA's), (Start: 246 @1013 has 12 MA's), (Start: 272 @1052 has 48 MA's), (313, 1103), (319, 1115), (333, 1151), (342, 1169), (464, 1352), (521, 1466), (526, 1478), (548, 1526), (559, 1547), (569, 1562), (589, 1619), (787, 1934), (829, 2000), (837, 2012), (862, 2045), (903, 2084), (909, 2093), (912, 2096), (956, 2162), (982, 2192), (1008, 2237), (1038, 2279), (1054, 2306), (1055, 2309), (1125, 2402), (1129, 2408), (1144, 2429), (1151, 2441), (1187, 2480), (1190, 2483),

Gene: BeeGee_2 Start: 485, Stop: 2284, Start Num: 71
Candidate Starts for BeeGee_2:
(Start: 71 @485 has 22 MA's), (170, 623), (295, 782), (300, 797), (347, 881), (365, 911), (373, 923), (378, 932), (398, 971), (411, 992), (456, 1076), (495, 1148), (513, 1184), (527, 1220), (571, 1310), (580, 1331), (596, 1376), (598, 1382), (608, 1415), (745, 1589), (778, 1616), (813, 1685), (817, 1691), (862, 1757), (869, 1769), (884, 1796), (959, 1907), (979, 1943), (985, 1955), (1000, 1979), (1011, 2006), (1025, 2030), (1077, 2093), (1105, 2135), (1141, 2192), (1150, 2207), (1165, 2222), (1167, 2225), (1204, 2270), (1206, 2273),

Gene: Beelzebub_39 Start: 11419, Stop: 13161, Start Num: 143
Candidate Starts for Beelzebub_39:
(Start: 143 @11419 has 83 MA's), (253, 11536), (283, 11581), (305, 11647), (306, 11662), (323, 11695), (324, 11698), (329, 11713), (341, 11737), (342, 11740), (362, 11770), (375, 11791), (378, 11809), (383, 11818), (402, 11854), (411, 11869), (434, 11914), (458, 11956), (477, 11995), (482, 12007), (497, 12028), (519, 12079), (534, 12100), (635, 12322), (697, 12427), (704, 12436), (749, 12469), (776, 12490), (778, 12493), (789, 12520), (800, 12550), (806, 12562), (813, 12577), (819, 12586), (825, 12592), (852, 12634), (858, 12643), (865, 12658), (882, 12673), (929, 12733), (954, 12772), (980, 12805), (1001, 12835), (1002, 12838), (1040, 12922), (1081, 12976), (1092, 12991), (1113, 13018), (1142, 13072), (1211, 13144), (1213, 13147),

Gene: Beemo_13 Start: 8164, Stop: 9930, Start Num: 120
Candidate Starts for Beemo_13:
(Start: 96 @8143 has 243 MA's), (Start: 114 @8158 has 11 MA's), (Start: 120 @8164 has 11 MA's), (200, 8275), (250, 8374), (339, 8536), (381, 8608), (411, 8662), (432, 8701), (469, 8773), (510, 8863), (518, 8887), (580, 9004), (584, 9019), (622, 9127), (659, 9202), (685, 9238), (717, 9298), (806, 9418), (817, 9439), (852, 9478), (901, 9532), (904, 9535), (916, 9553), (954, 9607), (979, 9637), (985, 9649), (1070, 9739), (1083, 9757), (1168, 9886), (1191, 9913), (1193, 9916),

Gene: BeesKnees_12 Start: 7055, Stop: 8743, Start Num: 95
Candidate Starts for BeesKnees_12:
(Start: 95 @7055 has 435 MA's), (311, 7319), (323, 7343), (411, 7505), (430, 7538), (469, 7613), (510, 7703), (518, 7727), (534, 7754), (553, 7802), (591, 7871), (620, 7958), (622, 7967), (644, 8018), (813, 8243), (819, 8252), (832, 8264), (862, 8306), (882, 8327), (908, 8354), (985, 8462), (1070, 8552), (1139, 8657),

Gene: Beethoven_5 Start: 3076, Stop: 4641, Start Num: 129
Candidate Starts for Beethoven_5:
(Start: 129 @3076 has 79 MA's), (Start: 268 @3286 has 4 MA's), (313, 3340), (342, 3406), (364, 3430), (485, 3646), (496, 3661), (500, 3667), (521, 3727), (625, 3886), (637, 3916), (642, 3931), (692, 4012), (764, 4090), (768, 4099), (787, 4135), (804, 4174), (834, 4207), (838, 4216), (861, 4243), (912, 4297), (939, 4339), (1001, 4384), (1008, 4405), (1022, 4429), (1095, 4507), (1192, 4627),

Gene: Belenaria_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Belenaria_8:
(Start: 104 @3156 has 36 MA's), (Start: 258 @3342 has 2 MA's), (300, 3414), (311, 3426), (323, 3450), (327, 3462), (411, 3615), (420, 3630), (449, 3690), (510, 3798), (534, 3855), (618, 4053), (623, 4071), (647, 4125), (742, 4236), (778, 4269), (800, 4311), (817, 4344), (869, 4413), (985, 4557), (1010, 4602), (1081, 4662), (1142, 4761), (1168, 4794), (1191, 4821), (1193, 4824), (1196, 4827),

Gene: Bellis_5 Start: 1186, Stop: 2751, Start Num: 93
Candidate Starts for Bellis_5:
(Start: 93 @1186 has 92 MA's), (Start: 99 @1192 has 9 MA's), (238, 1363), (313, 1468), (319, 1480), (413, 1636), (419, 1645), (420, 1648), (422, 1651), (464, 1726), (494, 1780), (496, 1783), (498, 1786), (637, 2017), (685, 2092), (694, 2113), (699, 2119), (759, 2188), (776, 2212), (786, 2230), (790, 2245), (867, 2359), (907, 2398), (912, 2404), (962, 2470), (1016, 2560), (1024, 2572), (1078, 2611), (1143, 2698), (1181, 2743), (1183, 2746),

Gene: Bellris_11 Start: 6185, Stop: 7972, Start Num: 96
Candidate Starts for Bellris_11:
(Start: 96 @6185 has 243 MA's), (200, 6314), (250, 6413), (339, 6575), (357, 6608), (381, 6647), (411, 6701), (432, 6740), (469, 6812), (510, 6902), (518, 6926), (580, 7043), (584, 7058), (622, 7166), (659, 7241), (718, 7340), (746, 7373), (806, 7457), (817, 7478), (852, 7520), (862, 7535), (869, 7547), (901, 7574), (916, 7595), (954, 7649), (985, 7691), (1070, 7781), (1083, 7799), (1119, 7850), (1168, 7928), (1191, 7955), (1193, 7958),

Gene: BellusTerra_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for BellusTerra_11:
(27, 6707), (30, 6725), (35, 6755), (Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: BelmontSKP_4 Start: 1038, Stop: 2663, Start Num: 171
Candidate Starts for BelmontSKP_4:
(Start: 171 @1038 has 84 MA's), (Start: 191 @1065 has 2 MA's), (278, 1194), (319, 1248), (342, 1302), (360, 1317), (390, 1371), (398, 1386), (464, 1485), (498, 1536), (500, 1539), (521, 1599), (558, 1677), (829, 2130), (838, 2145), (1095, 2496), (1215, 2652),

Gene: Belthelas_3 Start: 1125, Stop: 2585, Start Num: 149
Candidate Starts for Belthelas_3:
(Start: 149 @1125 has 162 MA's), (Start: 154 @1131 has 4 MA's), (Start: 272 @1293 has 48 MA's), (278, 1302), (315, 1362), (348, 1431), (366, 1452), (394, 1503), (520, 1707), (592, 1842), (642, 1920), (649, 1935), (674, 1971), (703, 2013), (739, 2046), (765, 2064), (834, 2184), (835, 2187), (848, 2199), (905, 2274), (944, 2337), (958, 2355), (960, 2358), (1098, 2520), (1104, 2529), (1135, 2577),

Gene: Bench_10 Start: 2583, Stop: 4253, Start Num: 272
Candidate Starts for Bench_10:
(Start: 272 @2583 has 48 MA's), (309, 2646), (435, 2880), (487, 2982), (570, 3162), (576, 3186), (585, 3204), (595, 3216), (616, 3279), (621, 3291), (642, 3336), (649, 3351), (700, 3429), (728, 3474), (759, 3528), (760, 3534), (814, 3648), (910, 3792), (933, 3828), (1014, 3981), (1022, 3993), (1065, 4050), (1091, 4086), (1124, 4137), (1142, 4173), (1145, 4176), (1193, 4242),

Gene: Benedict_9 Start: 6015, Stop: 7766, Start Num: 63

Candidate Starts for Benedict_9:
(Start: 52 @5988 has 23 MA's), (Start: 63 @6015 has 32 MA's), (Start: 105 @6075 has 1 MA's), (112, 6084), (139, 6123), (196, 6198), (200, 6204), (300, 6336), (339, 6411), (341, 6414), (439, 6588), (510, 6720), (526, 6765), (565, 6843), (570, 6849), (632, 7014), (647, 7047), (661, 7068), (800, 7242), (812, 7266), (901, 7368), (916, 7389), (954, 7443), (979, 7473), (985, 7485), (1014, 7539), (1167, 7719), (1168, 7722), (1196, 7755), (1202, 7761),

Gene: Bengal_3 Start: 689, Stop: 2317, Start Num: 171
Candidate Starts for Bengal_3:
(Start: 171 @689 has 84 MA's), (278, 845), (342, 953), (398, 1037), (425, 1079), (464, 1136), (498, 1187), (500, 1190), (521, 1250), (531, 1268), (542, 1298), (558, 1328), (829, 1784), (838, 1799), (1095, 2150), (1129, 2198), (1215, 2306),

Gene: BengiVuitton_13 Start: 7865, Stop: 9655, Start Num: 96
Candidate Starts for BengiVuitton_13:
(25, 7691), (Start: 96 @7865 has 243 MA's), (179, 7973), (193, 7994), (241, 8084), (250, 8102), (262, 8126), (411, 8390), (469, 8498), (510, 8588), (518, 8612), (580, 8729), (584, 8744), (733, 9044), (869, 9230), (901, 9257), (985, 9374), (1168, 9611), (1191, 9638), (1193, 9641),

Gene: BenitoAntonio_8 Start: 3839, Stop: 5599, Start Num: 183
Candidate Starts for BenitoAntonio_8:
(151, 3791), (Start: 183 @3839 has 2 MA's), (Start: 187 @3845 has 203 MA's), (252, 3938), (254, 3944), (395, 4211), (413, 4241), (427, 4271), (444, 4319), (451, 4337), (454, 4340), (476, 4382), (530, 4511), (604, 4697), (644, 4796), (685, 4868), (726, 4925), (771, 5003), (778, 5015), (868, 5129), (876, 5147), (914, 5192), (929, 5216), (931, 5219), (954, 5258), (1051, 5399), (1069, 5444), (1071, 5447), (1080, 5459), (1114, 5507), (1133, 5540), (1136, 5549), (1139, 5552),

Gene: Benllo_7 Start: 3847, Stop: 5601, Start Num: 187
Candidate Starts for Benllo_7:
(151, 3793), (Start: 183 @3841 has 2 MA's), (Start: 187 @3847 has 203 MA's), (252, 3940), (254, 3946), (395, 4213), (413, 4243), (427, 4273), (444, 4321), (451, 4339), (454, 4342), (530, 4513), (604, 4699), (644, 4798), (661, 4828), (685, 4870), (726, 4927), (771, 5005), (778, 5017), (868, 5131), (876, 5149), (914, 5194), (929, 5218), (931, 5221), (954, 5260), (1051, 5401), (1069, 5446), (1071, 5449), (1080, 5461), (1114, 5509), (1133, 5542), (1136, 5551), (1139, 5554),

Gene: Bennie_2 Start: 426, Stop: 1991, Start Num: 129
Candidate Starts for Bennie_2:
(Start: 129 @426 has 79 MA's), (Start: 268 @636 has 4 MA's), (316, 696), (330, 732), (342, 756), (347, 762), (364, 780), (452, 942), (464, 963), (521, 1077), (548, 1137), (613, 1203), (625, 1236), (637, 1266), (642, 1281), (692, 1362), (764, 1440), (768, 1449), (834, 1557), (838, 1566), (861, 1593), (912, 1647), (939, 1689), (1008, 1755), (1095, 1857),

Gene: BennyP_15 Start: 7533, Stop: 9287, Start Num: 96
Candidate Starts for BennyP_15:
(Start: 96 @7533 has 243 MA's), (250, 7764), (283, 7815), (300, 7851), (339, 7926), (411, 8049), (432, 8088), (469, 8157), (479, 8181), (480, 8184), (510, 8247), (518, 8271), (570, 8370), (571, 8373), (583, 8400), (584, 8403), (740, 8688), (806, 8775), (812, 8787), (862, 8850), (901, 8889), (916, 8910), (979, 8994), (985, 9006), (1168, 9243), (1191, 9270), (1193, 9273),

Gene: Benvolio_12 Start: 7541, Stop: 9328, Start Num: 96
Candidate Starts for Benvolio_12:
(25, 7367), (Start: 96 @7541 has 243 MA's), (179, 7649), (193, 7670), (250, 7778), (300, 7865), (408, 8060), (411, 8063), (469, 8171), (510, 8261), (518, 8285), (580, 8402), (584, 8417), (733, 8717), (869,

8903), (901, 8930), (916, 8951), (985, 9047), (1168, 9284), (1191, 9311), (1193, 9314),

Gene: Bernal13_3 Start: 724, Stop: 2607, Start Num: 66
Candidate Starts for Bernal13_3:
(14, 475), (Start: 66 @724 has 7 MA's), (127, 805), (131, 814), (197, 910), (204, 922), (300, 1054), (383, 1201), (386, 1207), (400, 1234), (411, 1252), (442, 1315), (514, 1450), (599, 1651), (630, 1708), (803, 1927), (835, 1978), (843, 2002), (874, 2053), (961, 2182), (980, 2221), (985, 2230), (1010, 2281), (1033, 2320), (1072, 2407), (1081, 2419), (1141, 2512), (1150, 2527), (1152, 2530),

Gene: Bernstein_2 Start: 653, Stop: 2215, Start Num: 171
Candidate Starts for Bernstein_2:
(Start: 171 @653 has 84 MA's), (Start: 245 @761 has 2 MA's), (278, 809), (342, 917), (347, 923), (360, 932), (363, 938), (364, 941), (422, 1037), (464, 1100), (521, 1214), (548, 1274), (558, 1292), (665, 1520), (699, 1565), (796, 1703), (1057, 2030), (1195, 2204), (1201, 2207),

Gene: Berrie_2 Start: 532, Stop: 2238, Start Num: 95
Candidate Starts for Berrie_2:
(Start: 95 @532 has 435 MA's), (379, 904), (411, 961), (436, 1009), (482, 1099), (570, 1273), (710, 1525), (800, 1648), (929, 1828), (985, 1903), (997, 1918), (1081, 2053), (1136, 2137), (1142, 2149), (1150, 2161),

Gene: BetterYeti_17 Start: 10301, Stop: 12046, Start Num: 187
Candidate Starts for BetterYeti_17:
(Start: 187 @10301 has 203 MA's), (195, 10307), (252, 10394), (254, 10400), (274, 10436), (302, 10490), (395, 10667), (420, 10712), (444, 10775), (454, 10796), (492, 10865), (530, 10967), (555, 11024), (578, 11081), (582, 11093), (604, 11153), (644, 11252), (647, 11258), (682, 11315), (726, 11381), (868, 11576), (899, 11618), (916, 11642), (929, 11663), (931, 11666), (1071, 11894), (1080, 11906), (1136, 11996), (1139, 11999),

Gene: BiPauneto_27 Start: 12066, Stop: 13793, Start Num: 111
Candidate Starts for BiPauneto_27:
(Start: 111 @12066 has 202 MA's), (222, 12216), (247, 12267), (299, 12342), (303, 12351), (359, 12474), (369, 12492), (514, 12774), (523, 12801), (604, 12969), (608, 12981), (675, 13092), (818, 13275), (893, 13389), (901, 13404), (922, 13437), (988, 13512), (1112, 13656), (1139, 13698), (1157, 13728), (1186, 13770),

Gene: Bialota_2 Start: 483, Stop: 2222, Start Num: 190
Candidate Starts for Bialota_2:
(Start: 190 @483 has 1 MA's), (Start: 201 @498 has 43 MA's), (259, 588), (383, 804), (393, 828), (397, 834), (411, 858), (438, 915), (476, 987), (571, 1185), (590, 1227), (596, 1233), (626, 1317), (641, 1344), (711, 1455), (725, 1482), (826, 1659), (999, 1932), (1001, 1935), (1003, 1941), (1011, 1962), (1034, 2001), (1066, 2049), (1073, 2058), (1091, 2082), (1114, 2100), (1145, 2157), (1194, 2214),

Gene: BiancaTri92_14 Start: 9218, Stop: 11005, Start Num: 96
Candidate Starts for BiancaTri92_14:
(Start: 96 @9218 has 243 MA's), (179, 9326), (193, 9347), (250, 9455), (300, 9542), (329, 9596), (408, 9737), (411, 9740), (432, 9779), (469, 9848), (510, 9938), (518, 9962), (580, 10079), (584, 10094), (733, 10394), (800, 10481), (869, 10580), (901, 10607), (916, 10628), (985, 10724), (1168, 10961), (1191, 10988), (1193, 10991),

Gene: Bibble12_4 Start: 1013, Stop: 2494, Start Num: 246
Candidate Starts for Bibble12_4:

(Start: 134 @848 has 16 MA's), (Start: 246 @1013 has 12 MA's), (Start: 272 @1052 has 48 MA's), (313, 1103), (319, 1115), (333, 1151), (342, 1169), (464, 1352), (521, 1466), (526, 1478), (548, 1526), (559, 1547), (569, 1562), (589, 1619), (787, 1934), (829, 2000), (862, 2045), (903, 2084), (912, 2096), (956, 2162), (982, 2192), (1008, 2237), (1038, 2279), (1125, 2402), (1129, 2408), (1144, 2429), (1151, 2441), (1187, 2480), (1190, 2483),

Gene: BigBubba_8 Start: 1963, Stop: 3633, Start Num: 269
Candidate Starts for BigBubba_8:
(Start: 269 @1963 has 11 MA's), (435, 2260), (487, 2362), (570, 2542), (576, 2566), (585, 2584), (595, 2596), (616, 2659), (621, 2671), (642, 2716), (649, 2731), (700, 2809), (728, 2854), (759, 2908), (760, 2914), (814, 3028), (841, 3076), (910, 3172), (933, 3208), (1014, 3361), (1022, 3373), (1065, 3430), (1091, 3466), (1124, 3517), (1142, 3553), (1145, 3556), (1193, 3622),

Gene: BigCheese_4 Start: 1069, Stop: 2637, Start Num: 93
Candidate Starts for BigCheese_4:
(Start: 93 @1069 has 92 MA's), (Start: 99 @1075 has 9 MA's), (228, 1231), (419, 1528), (422, 1534), (450, 1594), (494, 1666), (498, 1672), (509, 1693), (558, 1792), (591, 1840), (632, 1894), (643, 1918), (671, 1963), (676, 1969), (694, 1999), (699, 2005), (722, 2032), (729, 2041), (776, 2098), (779, 2104), (789, 2125), (790, 2131), (838, 2206), (845, 2209), (867, 2245), (912, 2290), (962, 2356), (1008, 2431), (1018, 2449), (1024, 2458), (1158, 2605), (1181, 2629), (1183, 2632),

Gene: BigChungus_3 Start: 928, Stop: 2604, Start Num: 143
Candidate Starts for BigChungus_3:
(Start: 143 @928 has 83 MA's), (Start: 191 @979 has 2 MA's), (205, 1000), (254, 1045), (283, 1087), (300, 1123), (334, 1189), (386, 1285), (405, 1321), (411, 1330), (413, 1333), (434, 1381), (438, 1393), (482, 1480), (574, 1660), (598, 1714), (678, 1894), (697, 1927), (776, 1993), (803, 2059), (806, 2065), (862, 2149), (929, 2230), (954, 2263), (1003, 2332), (1081, 2410), (1113, 2452), (1145, 2509), (1165, 2530), (1168, 2536), (1213, 2590), (1214, 2593),

Gene: BigMack_2 Start: 426, Stop: 1991, Start Num: 129
Candidate Starts for BigMack_2:
(Start: 129 @426 has 79 MA's), (Start: 268 @636 has 4 MA's), (313, 690), (342, 756), (364, 780), (452, 942), (521, 1077), (550, 1140), (625, 1236), (637, 1266), (692, 1362), (764, 1440), (768, 1449), (787, 1485), (834, 1557), (912, 1647), (939, 1689), (1008, 1755), (1095, 1857),

Gene: BigMau_13 Start: 7221, Stop: 8909, Start Num: 107
Candidate Starts for BigMau_13:
(Start: 107 @7221 has 24 MA's), (253, 7392), (Start: 258 @7401 has 2 MA's), (311, 7485), (324, 7512), (327, 7521), (411, 7671), (430, 7704), (469, 7779), (510, 7869), (518, 7893), (534, 7920), (553, 7968), (620, 8124), (644, 8184), (813, 8409), (819, 8418), (832, 8430), (862, 8472), (882, 8493), (908, 8520), (985, 8628), (1070, 8718), (1139, 8823),

Gene: BigPaolini_12 Start: 7646, Stop: 9334, Start Num: 95
Candidate Starts for BigPaolini_12:
(Start: 95 @7646 has 435 MA's), (311, 7910), (323, 7934), (411, 8096), (430, 8129), (469, 8204), (510, 8294), (518, 8318), (534, 8345), (553, 8393), (591, 8462), (620, 8549), (622, 8558), (642, 8606), (644, 8609), (819, 8843), (832, 8855), (862, 8897), (882, 8918), (908, 8945), (985, 9053), (1070, 9143), (1139, 9248),

Gene: BigSherm_6 Start: 1935, Stop: 3635, Start Num: 163
Candidate Starts for BigSherm_6:
(124, 1878), (Start: 146 @1914 has 40 MA's), (Start: 163 @1935 has 23 MA's), (211, 2010), (233, 2058), (Start: 246 @2079 has 12 MA's), (254, 2094), (278, 2127), (313, 2169), (315, 2172), (333,

2217), (342, 2235), (345, 2238), (347, 2241), (426, 2364), (437, 2388), (464, 2418), (521, 2532), (548, 2592), (559, 2613), (582, 2679), (642, 2844), (692, 2910), (699, 2925), (796, 3096), (869, 3195), (907, 3228), (930, 3264), (932, 3267), (983, 3309), (1008, 3351), (1054, 3399), (1072, 3426), (1075, 3429), (1078, 3435), (1125, 3498), (1181, 3576), (1215, 3624),

Gene: Bigchungi_11 Start: 6724, Stop: 8412, Start Num: 95
Candidate Starts for Bigchungi_11:
(Start: 95 @6724 has 435 MA's), (Start: 258 @6904 has 2 MA's), (311, 6988), (327, 7024), (339, 7051), (411, 7174), (469, 7282), (510, 7372), (518, 7396), (534, 7423), (553, 7471), (591, 7540), (620, 7627), (644, 7687), (813, 7912), (819, 7921), (832, 7933), (862, 7975), (882, 7996), (908, 8023), (985, 8131), (1070, 8221), (1139, 8326),

Gene: Bigflo_13 Start: 6955, Stop: 8655, Start Num: 102
Candidate Starts for Bigflo_13:
(Start: 102 @6955 has 88 MA's), (137, 7003), (253, 7138), (362, 7330), (411, 7417), (431, 7453), (510, 7615), (550, 7705), (583, 7768), (644, 7930), (800, 8128), (812, 8152), (813, 8155), (862, 8218), (882, 8239), (916, 8278), (985, 8374), (1014, 8428), (1070, 8464), (1168, 8611), (1193, 8641), (1196, 8644),

Gene: Bigfoot_10 Start: 6745, Stop: 8433, Start Num: 95
Candidate Starts for Bigfoot_10:
(Start: 95 @6745 has 435 MA's), (Start: 258 @6925 has 2 MA's), (311, 7009), (327, 7045), (339, 7072), (411, 7195), (469, 7303), (510, 7393), (518, 7417), (553, 7492), (591, 7561), (620, 7648), (644, 7708), (813, 7933), (819, 7942), (832, 7954), (862, 7996), (882, 8017), (908, 8044), (985, 8152), (1070, 8242), (1139, 8347),

Gene: BillDoor_6 Start: 1115, Stop: 2794, Start Num: 143
Candidate Starts for BillDoor_6:
(Start: 143 @1115 has 83 MA's), (Start: 191 @1166 has 2 MA's), (205, 1187), (Start: 207 @1190 has 2 MA's), (254, 1232), (295, 1298), (326, 1358), (334, 1379), (339, 1388), (386, 1475), (405, 1511), (411, 1520), (434, 1571), (482, 1670), (513, 1724), (532, 1760), (598, 1904), (609, 1940), (623, 1979), (704, 2126), (738, 2150), (803, 2249), (859, 2333), (929, 2420), (1001, 2516), (1047, 2564), (1072, 2588), (1110, 2639), (1165, 2720), (1213, 2780), (1214, 2783),

Gene: BillKnuckles_12 Start: 7662, Stop: 9350, Start Num: 95
Candidate Starts for BillKnuckles_12:
(Start: 95 @7662 has 435 MA's), (Start: 258 @7842 has 2 MA's), (311, 7926), (327, 7962), (411, 8112), (430, 8145), (469, 8220), (510, 8310), (518, 8334), (534, 8361), (598, 8502), (644, 8625), (800, 8823), (813, 8850), (867, 8922), (882, 8934), (904, 8955), (942, 9012), (985, 9069), (1070, 9159), (1072, 9162), (1142, 9273), (1145, 9276), (1168, 9306), (1193, 9336), (1196, 9339),

Gene: Bilo_7 Start: 3190, Stop: 4935, Start Num: 187
Candidate Starts for Bilo_7:
(Start: 187 @3190 has 203 MA's), (195, 3196), (229, 3244), (252, 3283), (254, 3289), (413, 3586), (444, 3664), (451, 3682), (454, 3685), (492, 3754), (506, 3787), (530, 3856), (555, 3913), (573, 3949), (604, 4042), (647, 4147), (726, 4270), (771, 4342), (876, 4483), (929, 4552), (931, 4555), (1012, 4693), (1060, 4762), (1071, 4783), (1074, 4786), (1080, 4795), (1094, 4813), (1114, 4843), (1136, 4885), (1139, 4888),

Gene: Bing_7 Start: 2813, Stop: 4546, Start Num: 187
Candidate Starts for Bing_7:
(Start: 187 @2813 has 203 MA's), (195, 2819), (252, 2906), (254, 2912), (380, 3134), (399, 3173), (430, 3233), (444, 3275), (454, 3296), (522, 3449), (530, 3467), (584, 3599), (594, 3623), (634, 3728), (644, 3752), (726, 3881), (771, 3950), (778, 3962), (866, 4073), (868, 4076), (876, 4094), (929, 4163),

(931, 4166), (962, 4217), (1059, 4370), (1071, 4394), (1080, 4406), (1136, 4496), (1139, 4499),

Gene: BinkBonk_3 Start: 1086, Stop: 2546, Start Num: 149
Candidate Starts for BinkBonk_3:
(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (642, 1881), (649, 1896), (674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: Bintii_3 Start: 1104, Stop: 2564, Start Num: 149
Candidate Starts for Bintii_3:
(Start: 149 @1104 has 162 MA's), (Start: 154 @1110 has 4 MA's), (Start: 272 @1272 has 48 MA's), (278, 1281), (315, 1341), (348, 1410), (366, 1431), (394, 1482), (520, 1686), (592, 1821), (642, 1899), (649, 1914), (661, 1932), (674, 1950), (703, 1992), (739, 2025), (765, 2043), (834, 2163), (835, 2166), (848, 2178), (857, 2190), (862, 2202), (905, 2253), (941, 2310), (944, 2316), (949, 2325), (958, 2334), (960, 2337), (1098, 2499), (1104, 2508), (1110, 2517), (1135, 2556),

Gene: Bipolar_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Bipolar_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Bipper_9 Start: 4723, Stop: 6342, Start Num: 120
Candidate Starts for Bipper_9:
(Start: 120 @4723 has 11 MA's), (199, 4831), (Start: 268 @4942 has 4 MA's), (364, 5119), (366, 5122), (400, 5182), (437, 5248), (438, 5251), (485, 5311), (490, 5317), (547, 5449), (548, 5452), (563, 5479), (637, 5581), (682, 5650), (687, 5662), (709, 5698), (715, 5707), (730, 5722), (733, 5728), (780, 5785), (789, 5803), (804, 5836), (822, 5860), (838, 5878), (884, 5947), (935, 6016), (938, 6019), (966, 6061), (1023, 6139), (1062, 6169), (1094, 6211), (1123, 6253), (1132, 6268),

Gene: Bircsak_11 Start: 7206, Stop: 8894, Start Num: 95
Candidate Starts for Bircsak_11:
(Start: 95 @7206 has 435 MA's), (311, 7470), (323, 7494), (411, 7656), (430, 7689), (469, 7764), (510, 7854), (518, 7878), (534, 7905), (553, 7953), (620, 8109), (644, 8169), (813, 8394), (819, 8403), (832, 8415), (862, 8457), (882, 8478), (908, 8505), (985, 8613), (1070, 8703), (1139, 8808),

Gene: Birdsong_2 Start: 486, Stop: 2147, Start Num: 143
Candidate Starts for Birdsong_2:
(48, 324), (60, 357), (Start: 62 @360 has 1 MA's), (Start: 71 @378 has 22 MA's), (90, 411), (97, 420), (Start: 125 @453 has 1 MA's), (Start: 143 @486 has 83 MA's), (Start: 191 @537 has 2 MA's), (200, 549), (216, 576), (295, 666), (334, 747), (339, 756), (341, 759), (362, 792), (386, 843), (405, 879), (406, 882), (411, 888), (422, 903), (423, 906), (432, 924), (437, 942), (469, 996), (497, 1047), (510, 1071), (550, 1158), (581, 1218), (584, 1227), (598, 1263), (609, 1299), (623, 1338), (624, 1341), (635, 1371), (727, 1503), (738, 1509), (789, 1572), (812, 1626), (825, 1644), (862, 1701), (869, 1713), (901, 1740), (959, 1821), (981, 1851), (1005, 1890), (1016, 1914), (1072, 1950), (1081, 1962), (1083, 1965), (1142, 2058), (1145, 2061), (1157, 2079), (1172, 2100), (1188, 2121), (1204, 2136),

Gene: Biscayne_3 Start: 1101, Stop: 2561, Start Num: 149
Candidate Starts for Biscayne_3:
(Start: 149 @1101 has 162 MA's), (Start: 154 @1107 has 4 MA's), (Start: 272 @1269 has 48 MA's), (315, 1338), (348, 1407), (366, 1428), (394, 1479), (520, 1683), (661, 1929), (674, 1947), (703, 1989), (739, 2022), (765, 2040), (834, 2160), (835, 2163), (848, 2175), (857, 2187), (905, 2250), (941, 2307), (944, 2313), (949, 2322), (958, 2331), (960, 2334), (1096, 2493), (1098, 2496), (1104, 2505),

Gene: Biscute_7 Start: 3236, Stop: 4969, Start Num: 187
Candidate Starts for Biscute_7:
(Start: 187 @3236 has 203 MA's), (215, 3275), (243, 3311), (254, 3335), (388, 3572), (395, 3590), (413, 3620), (444, 3698), (454, 3719), (492, 3788), (530, 3890), (539, 3914), (570, 3971), (578, 4004), (604, 4076), (644, 4175), (661, 4205), (685, 4247), (726, 4304), (778, 4385), (876, 4517), (929, 4586), (931, 4589), (992, 4682), (1059, 4793), (1071, 4817), (1080, 4829), (1089, 4841), (1136, 4919), (1139, 4922),

Gene: Biskit_5 Start: 1110, Stop: 2789, Start Num: 143
Candidate Starts for Biskit_5:
(Start: 143 @1110 has 83 MA's), (Start: 191 @1161 has 2 MA's), (205, 1182), (252, 1221), (300, 1308), (326, 1353), (334, 1374), (339, 1383), (378, 1455), (405, 1506), (411, 1515), (434, 1566), (482, 1665), (497, 1686), (513, 1719), (532, 1755), (598, 1899), (609, 1935), (623, 1974), (635, 2007), (661, 2055), (697, 2112), (738, 2145), (776, 2178), (803, 2244), (806, 2250), (852, 2316), (859, 2328), (929, 2415), (1001, 2511), (1047, 2559), (1110, 2634), (1165, 2715), (1213, 2775), (1214, 2778),

Gene: BlackHoleSun_9 Start: 3597, Stop: 5330, Start Num: 187
Candidate Starts for BlackHoleSun_9:
(Start: 187 @3597 has 203 MA's), (254, 3696), (388, 3933), (413, 3981), (444, 4059), (451, 4077), (454, 4080), (492, 4149), (530, 4251), (539, 4275), (570, 4332), (604, 4437), (644, 4536), (661, 4566), (685, 4608), (726, 4665), (771, 4734), (778, 4746), (868, 4860), (876, 4878), (929, 4947), (931, 4950), (1059, 5154), (1071, 5178), (1080, 5190), (1089, 5202), (1136, 5280), (1139, 5283),

Gene: Blackbeetle_35 Start: 10438, Stop: 12180, Start Num: 143
Candidate Starts for Blackbeetle_35:
(Start: 143 @10438 has 83 MA's), (253, 10555), (283, 10600), (305, 10666), (306, 10681), (323, 10714), (324, 10717), (329, 10732), (341, 10756), (342, 10759), (362, 10789), (375, 10810), (378, 10828), (383, 10837), (402, 10873), (411, 10888), (434, 10933), (458, 10975), (477, 11014), (482, 11026), (497, 11047), (519, 11098), (534, 11119), (635, 11341), (697, 11446), (704, 11455), (749, 11488), (776, 11509), (778, 11512), (789, 11539), (800, 11569), (806, 11581), (813, 11596), (819, 11605), (825, 11611), (852, 11653), (858, 11662), (865, 11677), (882, 11692), (929, 11752), (954, 11791), (980, 11824), (1001, 11854), (1002, 11857), (1040, 11941), (1081, 11995), (1092, 12010), (1113, 12037), (1142, 12091), (1211, 12163), (1213, 12166),

Gene: Blackflame_11 Start: 6733, Stop: 8421, Start Num: 95
Candidate Starts for Blackflame_11:
(Start: 95 @6733 has 435 MA's), (Start: 258 @6913 has 2 MA's), (311, 6997), (327, 7033), (411, 7183), (469, 7291), (510, 7381), (518, 7405), (553, 7480), (591, 7549), (620, 7636), (644, 7696), (819, 7930), (832, 7942), (862, 7984), (882, 8005), (908, 8032), (985, 8140), (1070, 8230), (1139, 8335),

Gene: Blackmoor_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Blackmoor_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812,

8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Blair_4 Start: 800, Stop: 2290, Start Num: 146
Candidate Starts for Blair_4:
(Start: 146 @800 has 40 MA's), (181, 845), (255, 947), (274, 974), (313, 1025), (319, 1037), (330, 1067), (337, 1079), (345, 1094), (390, 1160), (422, 1205), (474, 1292), (486, 1316), (488, 1319), (491, 1322), (513, 1367), (521, 1391), (525, 1400), (562, 1466), (612, 1529), (616, 1541), (642, 1583), (650, 1601), (694, 1661), (748, 1718), (768, 1730), (781, 1754), (789, 1772), (838, 1850), (874, 1904), (930, 1958), (940, 1970), (945, 1979), (1002, 2054), (1005, 2063), (1018, 2090), (1081, 2147), (1122, 2201), (1175, 2273),

Gene: Blanky_13 Start: 8159, Stop: 9904, Start Num: 187
Candidate Starts for Blanky_13:
(Start: 187 @8159 has 203 MA's), (195, 8165), (252, 8252), (254, 8258), (274, 8294), (302, 8348), (323, 8381), (388, 8507), (419, 8567), (444, 8633), (451, 8651), (454, 8654), (492, 8723), (530, 8825), (555, 8882), (582, 8951), (604, 9011), (644, 9110), (647, 9116), (665, 9146), (682, 9173), (726, 9239), (778, 9320), (863, 9425), (868, 9434), (871, 9440), (899, 9476), (916, 9500), (929, 9521), (931, 9524), (1051, 9704), (1071, 9752), (1080, 9764), (1094, 9782), (1136, 9854), (1139, 9857),

Gene: BlessJoy_15 Start: 7514, Stop: 9268, Start Num: 96
Candidate Starts for BlessJoy_15:
(Start: 96 @7514 has 243 MA's), (200, 7646), (250, 7745), (262, 7769), (283, 7796), (300, 7832), (339, 7907), (411, 8030), (420, 8045), (432, 8069), (469, 8138), (479, 8162), (480, 8165), (510, 8228), (518, 8252), (583, 8381), (584, 8384), (623, 8495), (732, 8657), (800, 8744), (806, 8756), (812, 8768), (852, 8816), (862, 8831), (901, 8870), (916, 8891), (979, 8975), (985, 8987), (1168, 9224), (1191, 9251), (1193, 9254),

Gene: Blesser_11 Start: 7310, Stop: 8998, Start Num: 95
Candidate Starts for Blesser_11:
(Start: 95 @7310 has 435 MA's), (283, 7526), (311, 7574), (323, 7598), (411, 7760), (469, 7868), (510, 7958), (518, 7982), (534, 8009), (553, 8057), (591, 8126), (620, 8213), (622, 8222), (642, 8270), (644, 8273), (819, 8507), (832, 8519), (862, 8561), (882, 8582), (908, 8609), (985, 8717), (1070, 8807), (1139, 8912),

Gene: Blexus_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Blexus_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (601, 1403), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Blinn1_15 Start: 7566, Stop: 9320, Start Num: 96
Candidate Starts for Blinn1_15:
(Start: 96 @7566 has 243 MA's), (250, 7797), (283, 7848), (300, 7884), (339, 7959), (411, 8082), (432, 8121), (469, 8190), (479, 8214), (480, 8217), (510, 8280), (518, 8304), (570, 8403), (571, 8406), (583, 8433), (584, 8436), (740, 8721), (806, 8808), (812, 8820), (862, 8883), (901, 8922), (916, 8943), (979, 9027), (985, 9039), (1168, 9276), (1191, 9303), (1193, 9306),

Gene: Blondies_5 Start: 1111, Stop: 2790, Start Num: 143
Candidate Starts for Blondies_5:
(Start: 143 @1111 has 83 MA's), (Start: 191 @1162 has 2 MA's), (205, 1183), (252, 1222), (300, 1309), (326, 1354), (334, 1375), (339, 1384), (378, 1456), (405, 1507), (411, 1516), (434, 1567), (482, 1666), (497, 1687), (513, 1720), (532, 1756), (598, 1900), (609, 1936), (623, 1975), (635, 2008), (661, 2056), (697, 2113), (738, 2146), (776, 2179), (803, 2245), (806, 2251), (852, 2317), (859, 2329), (862, 2335), (929, 2416), (1001, 2512), (1047, 2560), (1110, 2635), (1165, 2716), (1213, 2776), (1214, 2779),

Gene: BloominB_5 Start: 1855, Stop: 3489, Start Num: 61
Candidate Starts for BloominB_5:
(Start: 61 @1855 has 21 MA's), (Start: 98 @1894 has 3 MA's), (156, 1942), (Start: 280 @2113 has 2 MA's), (313, 2152), (421, 2332), (427, 2341), (431, 2350), (464, 2413), (468, 2419), (511, 2503), (512, 2506), (513, 2509), (558, 2605), (559, 2608), (564, 2617), (621, 2683), (643, 2713), (658, 2740), (685, 2773), (696, 2794), (698, 2797), (767, 2893), (779, 2914), (829, 3004), (859, 3046), (869, 3064), (872, 3070), (932, 3133), (936, 3139), (939, 3142), (972, 3187), (979, 3193), (999, 3220), (1005, 3235), (1046, 3286), (1053, 3295), (1068, 3310), (1070, 3313), (1102, 3352), (1116, 3367), (1123, 3382), (1126, 3385), (1197, 3463), (1203, 3469),

Gene: BluSpix_11 Start: 7005, Stop: 8693, Start Num: 95
Candidate Starts for BluSpix_11:
(Start: 95 @7005 has 435 MA's), (Start: 258 @7185 has 2 MA's), (311, 7269), (323, 7293), (411, 7455), (430, 7488), (469, 7563), (510, 7653), (518, 7677), (534, 7704), (553, 7752), (620, 7908), (644, 7968), (813, 8193), (819, 8202), (832, 8214), (862, 8256), (882, 8277), (908, 8304), (985, 8412), (1070, 8502), (1139, 8607),

Gene: Blue_11 Start: 7112, Stop: 8800, Start Num: 95
Candidate Starts for Blue_11:
(Start: 95 @7112 has 435 MA's), (Start: 125 @7133 has 1 MA's), (Start: 258 @7292 has 2 MA's), (311, 7376), (327, 7412), (339, 7439), (411, 7562), (430, 7595), (469, 7670), (510, 7760), (518, 7784), (534, 7811), (553, 7859), (591, 7928), (615, 8003), (620, 8015), (644, 8075), (813, 8300), (819, 8309), (832, 8321), (862, 8363), (882, 8384), (908, 8411), (985, 8519), (1070, 8609), (1139, 8714),

Gene: Blue7_15 Start: 7507, Stop: 9261, Start Num: 96
Candidate Starts for Blue7_15:
(Start: 96 @7507 has 243 MA's), (200, 7639), (250, 7738), (262, 7762), (283, 7789), (300, 7825), (339, 7900), (411, 8023), (420, 8038), (432, 8062), (469, 8131), (479, 8155), (480, 8158), (510, 8221), (518, 8245), (583, 8374), (584, 8377), (623, 8488), (732, 8650), (800, 8737), (806, 8749), (812, 8761), (852, 8809), (862, 8824), (901, 8863), (916, 8884), (979, 8968), (985, 8980), (1168, 9217), (1191, 9244), (1193, 9247),

Gene: BlueBird_12 Start: 6496, Stop: 8193, Start Num: 95
Candidate Starts for BlueBird_12:
(Start: 95 @6496 has 435 MA's), (Start: 122 @6520 has 1 MA's), (152, 6568), (311, 6766), (339, 6829), (403, 6940), (411, 6952), (432, 6991), (438, 7003), (469, 7060), (479, 7084), (510, 7150), (513, 7159), (550, 7240), (565, 7267), (620, 7405), (661, 7492), (685, 7525), (740, 7591), (800, 7666), (812, 7690), (813, 7693), (817, 7699), (825, 7708), (852, 7741), (862, 7756), (916, 7816), (985, 7912), (1010, 7957), (1014, 7966), (1145, 8119), (1168, 8149), (1193, 8179), (1196, 8182),

Gene: BlueCrab_2 Start: 571, Stop: 2208, Start Num: 111
Candidate Starts for BlueCrab_2:
(Start: 111 @571 has 202 MA's), (Start: 118 @580 has 1 MA's), (Start: 129 @595 has 79 MA's), (Start: 185 @652 has 2 MA's), (188, 655), (224, 718), (244, 757), (312, 844), (352, 904), (369, 916), (377,

928), (381, 937), (383, 940), (392, 961), (404, 982), (440, 1054), (461, 1093), (502, 1162), (505, 1168), (514, 1198), (515, 1201), (518, 1210), (523, 1225), (534, 1243), (557, 1294), (601, 1387), (604, 1396), (711, 1567), (726, 1579), (800, 1663), (816, 1693), (818, 1696), (820, 1699), (869, 1756), (884, 1771), (889, 1777), (893, 1780), (901, 1795), (908, 1804), (957, 1873), (982, 1903), (988, 1912), (1006, 1945), (1024, 1978), (1069, 2005), (1094, 2038), (1114, 2068), (1127, 2089), (1139, 2113), (1142, 2122), (1145, 2125), (1184, 2182),

Gene: Bluefalcon_8 Start: 6239, Stop: 8017, Start Num: 52
Candidate Starts for Bluefalcon_8:
(Start: 52 @6239 has 23 MA's), (Start: 63 @6266 has 32 MA's), (112, 6335), (196, 6449), (200, 6455), (300, 6587), (339, 6662), (341, 6665), (439, 6839), (449, 6863), (510, 6971), (526, 7016), (565, 7094), (570, 7100), (571, 7103), (632, 7265), (635, 7271), (647, 7298), (661, 7319), (800, 7493), (812, 7517), (813, 7520), (817, 7526), (862, 7580), (869, 7592), (901, 7619), (916, 7640), (954, 7694), (979, 7724), (985, 7736), (1168, 7973), (1196, 8006), (1202, 8012),

Gene: BluerMoon_17 Start: 10505, Stop: 12250, Start Num: 187
Candidate Starts for BluerMoon_17:
(Start: 187 @10505 has 203 MA's), (195, 10511), (252, 10598), (254, 10604), (274, 10640), (302, 10694), (361, 10796), (395, 10871), (419, 10913), (444, 10979), (454, 11000), (492, 11069), (530, 11171), (555, 11228), (578, 11285), (582, 11297), (604, 11357), (644, 11456), (647, 11462), (682, 11519), (726, 11585), (863, 11771), (868, 11780), (916, 11846), (929, 11867), (931, 11870), (1051, 12050), (1069, 12095), (1071, 12098), (1080, 12110), (1136, 12200), (1139, 12203),

Gene: Bluvara_2 Start: 522, Stop: 2081, Start Num: 128
Candidate Starts for Bluvara_2:
(Start: 128 @522 has 6 MA's), (200, 612), (253, 699), (294, 756), (326, 819), (403, 936), (409, 945), (440, 1017), (459, 1053), (510, 1161), (514, 1173), (515, 1176), (532, 1215), (538, 1233), (608, 1380), (634, 1422), (688, 1506), (697, 1527), (771, 1590), (815, 1668), (817, 1671), (828, 1683), (923, 1818), (926, 1821), (982, 1884), (983, 1887), (1004, 1920), (1079, 2001), (1103, 2034),

Gene: Bob3_10 Start: 6561, Stop: 8249, Start Num: 95
Candidate Starts for Bob3_10:
(Start: 95 @6561 has 435 MA's), (311, 6825), (323, 6849), (411, 7011), (430, 7044), (469, 7119), (510, 7209), (518, 7233), (534, 7260), (553, 7308), (620, 7464), (644, 7524), (813, 7749), (819, 7758), (832, 7770), (862, 7812), (882, 7833), (908, 7860), (985, 7968), (1070, 8058), (1139, 8163),

Gene: BobSwaget_15 Start: 9121, Stop: 10902, Start Num: 96
Candidate Starts for BobSwaget_15:
(37, 9001), (76, 9094), (Start: 96 @9121 has 243 MA's), (200, 9253), (235, 9328), (250, 9352), (283, 9403), (408, 9634), (411, 9637), (432, 9676), (469, 9745), (510, 9835), (518, 9859), (570, 9958), (583, 9988), (584, 9991), (852, 10450), (862, 10465), (869, 10477), (901, 10504), (916, 10525), (985, 10621), (1168, 10858), (1191, 10885), (1193, 10888),

Gene: BobaPhett_2 Start: 653, Stop: 2209, Start Num: 185
Candidate Starts for BobaPhett_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (Start: 158 @629 has 2 MA's), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (244, 758), (312, 845), (352, 905), (369, 917), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (601, 1388), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1024, 1979), (1069, 2006), (1094, 2039), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: BobbyDazzler_8 Start: 3413, Stop: 4909, Start Num: 258
Candidate Starts for BobbyDazzler_8:
(Start: 104 @3227 has 36 MA's), (Start: 258 @3413 has 2 MA's), (300, 3485), (311, 3497), (323, 3521), (327, 3533), (420, 3701), (449, 3761), (479, 3818), (480, 3821), (510, 3869), (618, 4124), (623, 4142), (647, 4196), (778, 4340), (800, 4382), (817, 4415), (869, 4484), (985, 4628), (1010, 4673), (1081, 4733), (1142, 4832), (1168, 4865), (1191, 4892), (1193, 4895), (1196, 4898),

Gene: BobsGarage_4 Start: 1069, Stop: 2637, Start Num: 93
Candidate Starts for BobsGarage_4:
(Start: 93 @1069 has 92 MA's), (Start: 99 @1075 has 9 MA's), (228, 1231), (419, 1528), (422, 1534), (450, 1594), (494, 1666), (498, 1672), (509, 1693), (558, 1792), (591, 1840), (632, 1894), (643, 1918), (671, 1963), (676, 1969), (694, 1999), (699, 2005), (722, 2032), (729, 2041), (776, 2098), (779, 2104), (789, 2125), (790, 2131), (838, 2206), (845, 2209), (867, 2245), (912, 2290), (962, 2356), (1008, 2431), (1018, 2449), (1024, 2458), (1158, 2605), (1181, 2629), (1183, 2632),

Gene: BodEinwohner17_2 Start: 571, Stop: 2208, Start Num: 111
Candidate Starts for BodEinwohner17_2:
(Start: 111 @571 has 202 MA's), (Start: 118 @580 has 1 MA's), (Start: 129 @595 has 79 MA's), (Start: 185 @652 has 2 MA's), (188, 655), (224, 718), (244, 757), (312, 844), (352, 904), (369, 916), (377, 928), (381, 937), (383, 940), (392, 961), (404, 982), (440, 1054), (461, 1093), (502, 1162), (505, 1168), (514, 1198), (515, 1201), (518, 1210), (523, 1225), (534, 1243), (557, 1294), (601, 1387), (604, 1396), (711, 1567), (726, 1579), (800, 1663), (816, 1693), (818, 1696), (820, 1699), (869, 1756), (884, 1771), (889, 1777), (893, 1780), (901, 1795), (908, 1804), (957, 1873), (982, 1903), (988, 1912), (1006, 1945), (1024, 1978), (1069, 2005), (1094, 2038), (1114, 2068), (1127, 2089), (1139, 2113), (1142, 2122), (1145, 2125), (1184, 2182),

Gene: Bodacious_2 Start: 426, Stop: 1991, Start Num: 129
Candidate Starts for Bodacious_2:
(Start: 129 @426 has 79 MA's), (211, 549), (248, 603), (Start: 268 @636 has 4 MA's), (Start: 272 @639 has 48 MA's), (313, 690), (317, 699), (330, 732), (338, 747), (342, 756), (364, 780), (452, 942), (521, 1077), (532, 1098), (548, 1137), (625, 1236), (637, 1266), (642, 1281), (661, 1314), (692, 1362), (694, 1371), (768, 1449), (787, 1485), (804, 1524), (838, 1566), (861, 1593), (912, 1647), (939, 1689), (1001, 1734), (1008, 1755), (1022, 1779), (1095, 1857),

Gene: Bodhi17_3 Start: 1071, Stop: 2531, Start Num: 149
Candidate Starts for Bodhi17_3:
(Start: 149 @1071 has 162 MA's), (Start: 154 @1077 has 4 MA's), (Start: 272 @1239 has 48 MA's), (278, 1248), (315, 1308), (348, 1377), (366, 1398), (394, 1449), (520, 1653), (532, 1677), (592, 1788), (642, 1866), (649, 1881), (674, 1917), (703, 1959), (739, 1992), (765, 2010), (834, 2130), (835, 2133), (848, 2145), (905, 2220), (944, 2283), (958, 2301), (960, 2304), (1098, 2466), (1104, 2475), (1135, 2523),

Gene: Bogg_9 Start: 2177, Stop: 3847, Start Num: 272
Candidate Starts for Bogg_9:
(Start: 272 @2177 has 48 MA's), (309, 2240), (435, 2474), (487, 2576), (570, 2756), (576, 2780), (585, 2798), (595, 2810), (616, 2873), (621, 2885), (642, 2930), (649, 2945), (700, 3023), (728, 3068), (759, 3122), (760, 3128), (814, 3242), (910, 3386), (933, 3422), (1014, 3575), (1022, 3587), (1065, 3644), (1091, 3680), (1124, 3731), (1142, 3767), (1145, 3770), (1193, 3836),

Gene: BogosyJay_13 Start: 7900, Stop: 9687, Start Num: 96
Candidate Starts for BogosyJay_13:

(Start: 96 @7900 has 243 MA's), (Start: 114 @7915 has 11 MA's), (200, 8032), (250, 8131), (339, 8293), (381, 8365), (411, 8419), (432, 8458), (469, 8530), (510, 8620), (518, 8644), (580, 8761), (584, 8776), (622, 8884), (659, 8959), (717, 9055), (746, 9091), (806, 9175), (817, 9196), (852, 9235), (901, 9289), (916, 9310), (979, 9394), (985, 9406), (1072, 9499), (1083, 9514), (1168, 9643), (1191, 9670), (1193, 9673),

Gene: Bombshell_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Bombshell_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: BonaeVitae_3 Start: 778, Stop: 2235, Start Num: 149
Candidate Starts for BonaeVitae_3:
(Start: 149 @778 has 162 MA's), (Start: 272 @943 has 48 MA's), (348, 1081), (366, 1102), (387, 1138), (394, 1153), (494, 1294), (520, 1357), (532, 1381), (674, 1621), (703, 1663), (739, 1696), (765, 1714), (834, 1834), (848, 1849), (869, 1885), (905, 1924), (944, 1987), (960, 2008), (1098, 2170), (1110, 2188),

Gene: Bonamassa_9 Start: 6188, Stop: 7939, Start Num: 63
Candidate Starts for Bonamassa_9:
(Start: 52 @6161 has 23 MA's), (Start: 63 @6188 has 32 MA's), (112, 6257), (196, 6371), (200, 6377), (300, 6509), (339, 6584), (341, 6587), (362, 6620), (381, 6653), (439, 6761), (449, 6785), (469, 6818), (510, 6893), (526, 6938), (565, 7016), (570, 7022), (647, 7220), (661, 7241), (800, 7415), (812, 7439), (813, 7442), (862, 7502), (869, 7514), (901, 7541), (916, 7562), (979, 7646), (985, 7658), (1168, 7895), (1196, 7928), (1202, 7934),

Gene: Bonanza_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Bonanza_8:
(Start: 104 @3156 has 36 MA's), (Start: 258 @3342 has 2 MA's), (300, 3414), (311, 3426), (323, 3450), (327, 3462), (420, 3630), (449, 3690), (479, 3747), (480, 3750), (510, 3798), (618, 4053), (623, 4071), (647, 4125), (778, 4269), (800, 4311), (817, 4344), (869, 4413), (985, 4557), (1010, 4602), (1081, 4662), (1142, 4761), (1168, 4794), (1191, 4821), (1193, 4824), (1196, 4827),

Gene: Bones_11 Start: 6756, Stop: 8444, Start Num: 95
Candidate Starts for Bones_11:
(Start: 95 @6756 has 435 MA's), (311, 7020), (323, 7044), (411, 7206), (430, 7239), (469, 7314), (510, 7404), (518, 7428), (553, 7503), (620, 7659), (622, 7668), (642, 7716), (644, 7719), (813, 7944), (819, 7953), (832, 7965), (862, 8007), (882, 8028), (908, 8055), (985, 8163), (1070, 8253), (1139, 8358),

Gene: Bongo_14 Start: 4719, Stop: 6263, Start Num: 130
Candidate Starts for Bongo_14:
(Start: 130 @4719 has 21 MA's), (Start: 163 @4767 has 23 MA's), (315, 4968), (392, 5106), (512, 5298), (643, 5508), (676, 5559), (729, 5631), (789, 5694), (796, 5718), (804, 5733), (857, 5793), (862, 5805), (907, 5865), (930, 5898), (959, 5931), (977, 5958), (1007, 6006), (1143, 6192), (1158, 6213),

Gene: Bonum_27 Start: 12526, Stop: 14256, Start Num: 111
Candidate Starts for Bonum_27:
(Start: 111 @12526 has 202 MA's), (Start: 115 @12532 has 2 MA's), (222, 12676), (247, 12727), (251, 12733), (Start: 272 @12760 has 48 MA's), (281, 12772), (299, 12802), (315, 12826), (324, 12844), (514, 13237), (523, 13264), (604, 13432), (608, 13444), (621, 13477), (675, 13555), (839, 13771),

(855, 13801), (893, 13852), (922, 13900), (988, 13975), (996, 13987), (1013, 14023), (1139, 14161), (1157, 14191),

Gene: Boog_8 Start: 3619, Stop: 5367, Start Num: 187
Candidate Starts for Boog_8:
(Start: 174 @3601 has 5 MA's), (Start: 187 @3619 has 203 MA's), (252, 3712), (254, 3718), (292, 3775), (322, 3838), (413, 4015), (444, 4093), (454, 4114), (506, 4216), (530, 4285), (604, 4471), (634, 4546), (644, 4570), (704, 4675), (726, 4699), (778, 4783), (868, 4897), (876, 4915), (929, 4984), (931, 4987), (962, 5038), (992, 5080), (1051, 5167), (1060, 5194), (1071, 5215), (1080, 5227), (1094, 5245), (1136, 5317), (1139, 5320),

Gene: Boohoo_14 Start: 6686, Stop: 8383, Start Num: 96
Candidate Starts for Boohoo_14:
(Start: 96 @6686 has 243 MA's), (Start: 118 @6704 has 1 MA's), (253, 6866), (339, 7022), (381, 7091), (411, 7145), (469, 7253), (480, 7280), (510, 7343), (518, 7367), (812, 7883), (862, 7946), (904, 7988), (985, 8102), (1081, 8207), (1168, 8339), (1191, 8366), (1193, 8369), (1196, 8372),

Gene: BoomRoasted_3 Start: 1125, Stop: 2585, Start Num: 149
Candidate Starts for BoomRoasted_3:
(Start: 149 @1125 has 162 MA's), (Start: 154 @1131 has 4 MA's), (Start: 272 @1293 has 48 MA's), (278, 1302), (315, 1362), (348, 1431), (366, 1452), (394, 1503), (520, 1707), (592, 1842), (642, 1920), (649, 1935), (674, 1971), (703, 2013), (739, 2046), (765, 2064), (834, 2184), (835, 2187), (848, 2199), (905, 2274), (944, 2337), (958, 2355), (960, 2358), (1098, 2520), (1104, 2529), (1110, 2538), (1135, 2577),

Gene: Bosnia_2 Start: 498, Stop: 2222, Start Num: 201
Candidate Starts for Bosnia_2:
(Start: 190 @483 has 1 MA's), (Start: 201 @498 has 43 MA's), (259, 588), (383, 804), (393, 828), (397, 834), (411, 858), (438, 915), (476, 987), (571, 1185), (590, 1227), (596, 1233), (626, 1317), (641, 1344), (711, 1455), (725, 1482), (826, 1659), (999, 1932), (1001, 1935), (1003, 1941), (1011, 1962), (1034, 2001), (1066, 2049), (1073, 2058), (1091, 2082), (1114, 2100), (1145, 2157), (1194, 2214),

Gene: Bouchard_7 Start: 3521, Stop: 5263, Start Num: 187
Candidate Starts for Bouchard_7:
(Start: 183 @3515 has 2 MA's), (Start: 187 @3521 has 203 MA's), (254, 3620), (322, 3740), (376, 3839), (413, 3911), (444, 3989), (454, 4010), (506, 4112), (530, 4181), (543, 4214), (604, 4367), (634, 4442), (644, 4466), (704, 4571), (726, 4595), (778, 4676), (868, 4793), (876, 4811), (879, 4817), (916, 4859), (929, 4880), (931, 4883), (1051, 5063), (1059, 5087), (1071, 5111), (1080, 5123), (1094, 5141), (1136, 5213), (1139, 5216),

Gene: BourbonZero_4 Start: 1191, Stop: 2756, Start Num: 93
Candidate Starts for BourbonZero_4:
(64, 1140), (Start: 68 @1149 has 2 MA's), (Start: 93 @1191 has 92 MA's), (Start: 99 @1197 has 9 MA's), (238, 1368), (255, 1401), (313, 1473), (316, 1479), (319, 1485), (413, 1641), (419, 1650), (420, 1653), (422, 1656), (464, 1731), (494, 1785), (496, 1788), (498, 1791), (632, 2013), (637, 2022), (685, 2097), (694, 2118), (699, 2124), (722, 2151), (759, 2193), (776, 2217), (786, 2235), (789, 2244), (790, 2250), (867, 2364), (907, 2403), (912, 2409), (962, 2475), (1001, 2529), (1016, 2565), (1024, 2577), (1078, 2616), (1143, 2703), (1181, 2748), (1183, 2751),

Gene: Bovely_6 Start: 2408, Stop: 4054, Start Num: 73
Candidate Starts for Bovely_6:
(Start: 73 @2408 has 95 MA's), (Start: 86 @2426 has 10 MA's), (283, 2630), (326, 2711), (400, 2846), (413, 2867), (458, 2954), (497, 3026), (510, 3050), (556, 3149), (584, 3203), (638, 3302), (673, 3362),

(806, 3524), (811, 3533), (869, 3623), (901, 3650), (957, 3728), (959, 3731), (985, 3770), (1001, 3791), (1003, 3797), (1010, 3815), (1105, 3911), (1142, 3971),

Gene: Bowden_7 Start: 2249, Stop: 3895, Start Num: 73
Candidate Starts for Bowden_7:
(Start: 73 @2249 has 95 MA's), (311, 2519), (323, 2543), (326, 2552), (378, 2645), (386, 2660), (400, 2687), (413, 2708), (458, 2795), (497, 2867), (510, 2891), (556, 2990), (574, 3026), (616, 3131), (648, 3167), (673, 3203), (687, 3221), (798, 3350), (800, 3353), (806, 3365), (811, 3374), (815, 3383), (869, 3464), (901, 3491), (919, 3518), (959, 3572), (985, 3611), (1001, 3632), (1010, 3656), (1024, 3680), (1081, 3716), (1142, 3812), (1204, 3890),

Gene: Bowling_8 Start: 3847, Stop: 5601, Start Num: 187
Candidate Starts for Bowling_8:
(151, 3793), (Start: 183 @3841 has 2 MA's), (Start: 187 @3847 has 203 MA's), (252, 3940), (254, 3946), (361, 4138), (395, 4213), (413, 4243), (427, 4273), (444, 4321), (451, 4339), (454, 4342), (476, 4384), (530, 4513), (604, 4699), (644, 4798), (685, 4870), (726, 4927), (771, 5005), (778, 5017), (868, 5131), (876, 5149), (914, 5194), (929, 5218), (931, 5221), (954, 5260), (1051, 5401), (1069, 5446), (1071, 5449), (1080, 5461), (1114, 5509), (1133, 5542), (1136, 5551), (1139, 5554),

Gene: Bowtie_12 Start: 8024, Stop: 9787, Start Num: 96
Candidate Starts for Bowtie_12:
(Start: 96 @8024 has 243 MA's), (Start: 120 @8045 has 11 MA's), (179, 8132), (250, 8261), (262, 8285), (300, 8348), (381, 8492), (408, 8543), (411, 8546), (469, 8657), (479, 8681), (480, 8684), (510, 8747), (513, 8756), (518, 8771), (580, 8888), (584, 8903), (605, 8963), (638, 9047), (806, 9275), (812, 9287), (852, 9335), (862, 9350), (901, 9389), (916, 9410), (942, 9449), (979, 9494), (985, 9506), (1168, 9743), (1191, 9770),

Gene: BoyNamedSue_2 Start: 498, Stop: 2222, Start Num: 201
Candidate Starts for BoyNamedSue_2:
(Start: 190 @483 has 1 MA's), (Start: 201 @498 has 43 MA's), (259, 588), (383, 804), (393, 828), (397, 834), (411, 858), (438, 915), (476, 987), (571, 1185), (590, 1227), (596, 1233), (626, 1317), (641, 1344), (711, 1455), (725, 1482), (826, 1659), (999, 1932), (1001, 1935), (1003, 1941), (1011, 1962), (1034, 2001), (1066, 2049), (1073, 2058), (1091, 2082), (1114, 2100), (1145, 2157), (1194, 2214),

Gene: Bradissa_2 Start: 485, Stop: 2284, Start Num: 71
Candidate Starts for Bradissa_2:
(Start: 71 @485 has 22 MA's), (170, 623), (195, 650), (295, 782), (300, 797), (347, 881), (365, 911), (373, 923), (377, 929), (378, 932), (398, 971), (411, 992), (441, 1052), (456, 1076), (495, 1148), (510, 1175), (513, 1184), (527, 1220), (571, 1310), (580, 1331), (598, 1382), (608, 1415), (661, 1490), (745, 1589), (778, 1616), (813, 1685), (817, 1691), (862, 1757), (869, 1769), (884, 1796), (959, 1907), (979, 1943), (985, 1955), (990, 1961), (1000, 1979), (1011, 2006), (1025, 2030), (1077, 2093), (1105, 2135), (1141, 2192), (1150, 2207), (1165, 2222), (1204, 2270), (1206, 2273),

Gene: Bradley2_3 Start: 1074, Stop: 2534, Start Num: 149
Candidate Starts for Bradley2_3:
(Start: 149 @1074 has 162 MA's), (Start: 154 @1080 has 4 MA's), (236, 1188), (Start: 272 @1242 has 48 MA's), (278, 1251), (315, 1311), (348, 1380), (366, 1401), (394, 1452), (520, 1656), (642, 1869), (649, 1884), (674, 1920), (703, 1962), (739, 1995), (765, 2013), (834, 2133), (835, 2136), (848, 2148), (905, 2223), (944, 2286), (958, 2304), (960, 2307), (1098, 2469), (1104, 2478), (1110, 2487), (1135, 2526),

Gene: Bradman_11 Start: 6379, Stop: 8160, Start Num: 96
Candidate Starts for Bradman_11:

(Start: 96 @6379 has 243 MA's), (Start: 207 @6523 has 2 MA's), (227, 6568), (250, 6610), (262, 6634), (300, 6697), (329, 6751), (408, 6892), (411, 6895), (432, 6934), (469, 7003), (510, 7093), (518, 7117), (583, 7246), (584, 7249), (716, 7522), (901, 7762), (916, 7783), (979, 7867), (985, 7879), (1168, 8116), (1191, 8143), (1193, 8146), (1196, 8149),

Gene: Bradshaw_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Bradshaw_8:
(Start: 104 @3156 has 36 MA's), (Start: 258 @3342 has 2 MA's), (300, 3414), (311, 3426), (323, 3450), (327, 3462), (411, 3615), (420, 3630), (449, 3690), (510, 3798), (534, 3855), (618, 4053), (623, 4071), (647, 4125), (778, 4269), (798, 4308), (800, 4311), (817, 4344), (869, 4413), (985, 4557), (1010, 4602), (1081, 4662), (1142, 4761), (1168, 4794), (1191, 4821), (1193, 4824), (1196, 4827),

Gene: Brahms_2 Start: 593, Stop: 2155, Start Num: 171
Candidate Starts for Brahms_2:
(Start: 171 @593 has 84 MA's), (Start: 245 @701 has 2 MA's), (278, 749), (342, 857), (347, 863), (360, 872), (363, 878), (364, 881), (422, 977), (464, 1040), (521, 1154), (548, 1214), (558, 1232), (665, 1460), (699, 1505), (796, 1643), (1057, 1970), (1195, 2144), (1201, 2147),

Gene: BrainDrainer_4 Start: 771, Stop: 2333, Start Num: 93
Candidate Starts for BrainDrainer_4:
(Start: 93 @771 has 92 MA's), (Start: 99 @777 has 9 MA's), (228, 927), (Start: 268 @993 has 4 MA's), (302, 1023), (313, 1047), (321, 1062), (338, 1104), (422, 1230), (498, 1368), (509, 1389), (516, 1413), (558, 1488), (591, 1536), (643, 1614), (653, 1635), (671, 1659), (676, 1665), (694, 1695), (699, 1701), (729, 1737), (790, 1827), (862, 1932), (867, 1941), (889, 1965), (912, 1986), (962, 2052), (1024, 2154), (1140, 2274), (1143, 2280), (1158, 2301), (1181, 2325),

Gene: Bran_2 Start: 373, Stop: 1959, Start Num: 167
Candidate Starts for Bran_2:
(Start: 167 @373 has 4 MA's), (Start: 169 @376 has 6 MA's), (Start: 171 @382 has 84 MA's), (211, 442), (288, 553), (313, 631), (317, 640), (420, 814), (490, 916), (496, 925), (500, 931), (505, 940), (525, 1000), (547, 1048), (548, 1051), (613, 1114), (649, 1207), (807, 1429), (823, 1447), (889, 1534), (918, 1570), (927, 1585), (946, 1612), (948, 1615), (959, 1630), (962, 1636), (990, 1663), (1001, 1678), (1024, 1726), (1058, 1774), (1115, 1849), (1166, 1924), (1196, 1948),

Gene: Brataylor_7 Start: 2379, Stop: 4025, Start Num: 73
Candidate Starts for Brataylor_7:
(Start: 73 @2379 has 95 MA's), (Start: 86 @2397 has 10 MA's), (283, 2601), (300, 2637), (400, 2817), (413, 2838), (437, 2883), (458, 2925), (497, 2997), (510, 3021), (556, 3120), (565, 3135), (580, 3159), (581, 3165), (673, 3333), (800, 3483), (811, 3504), (817, 3516), (869, 3594), (959, 3702), (985, 3741), (1001, 3762), (1003, 3768), (1010, 3786), (1142, 3942),

Gene: Braxoaddie_28 Start: 14026, Stop: 15699, Start Num: 111
Candidate Starts for Braxoaddie_28:
(Start: 111 @14026 has 202 MA's), (222, 14170), (247, 14221), (281, 14266), (369, 14395), (381, 14416), (392, 14440), (408, 14467), (428, 14500), (458, 14566), (481, 14614), (514, 14677), (523, 14704), (604, 14872), (608, 14884), (675, 14995), (707, 15046), (801, 15145), (855, 15244), (861, 15256), (881, 15283), (893, 15295), (901, 15310), (954, 15385), (988, 15418), (1006, 15451), (1094, 15535), (1107, 15556), (1139, 15604), (1189, 15679),

Gene: BreSam8_13 Start: 6950, Stop: 8650, Start Num: 102
Candidate Starts for BreSam8_13:
(Start: 102 @6950 has 88 MA's), (137, 6998), (253, 7133), (362, 7325), (411, 7412), (510, 7610), (550, 7700), (583, 7763), (644, 7925), (800, 8123), (812, 8147), (813, 8150), (862, 8213), (882, 8234), (916,

8273), (985, 8369), (1014, 8423), (1070, 8459), (1168, 8606), (1193, 8636), (1196, 8639),

Gene: Breezona_4 Start: 1069, Stop: 2637, Start Num: 93
Candidate Starts for Breezona_4:
(Start: 93 @1069 has 92 MA's), (Start: 99 @1075 has 9 MA's), (228, 1231), (419, 1528), (422, 1534), (450, 1594), (494, 1666), (498, 1672), (509, 1693), (558, 1792), (591, 1840), (632, 1894), (643, 1918), (671, 1963), (676, 1969), (694, 1999), (699, 2005), (722, 2032), (729, 2041), (776, 2098), (779, 2104), (789, 2125), (790, 2131), (838, 2206), (845, 2209), (867, 2245), (912, 2290), (962, 2356), (1008, 2431), (1018, 2449), (1024, 2458), (1158, 2605), (1181, 2629), (1183, 2632),

Gene: Breylor17_7 Start: 3719, Stop: 5458, Start Num: 187
Candidate Starts for Breylor17_7:
(Start: 187 @3719 has 203 MA's), (254, 3818), (322, 3938), (376, 4037), (395, 4079), (413, 4109), (427, 4139), (444, 4187), (454, 4208), (506, 4310), (530, 4379), (539, 4403), (578, 4493), (604, 4565), (634, 4640), (644, 4664), (726, 4793), (778, 4874), (868, 4988), (876, 5006), (879, 5012), (929, 5075), (931, 5078), (1055, 5267), (1059, 5282), (1061, 5288), (1071, 5306), (1080, 5318), (1136, 5408), (1139, 5411),

Gene: Bri160_3 Start: 1125, Stop: 2585, Start Num: 149
Candidate Starts for Bri160_3:
(Start: 149 @1125 has 162 MA's), (Start: 154 @1131 has 4 MA's), (Start: 272 @1293 has 48 MA's), (278, 1302), (315, 1362), (348, 1431), (366, 1452), (394, 1503), (520, 1707), (592, 1842), (642, 1920), (649, 1935), (674, 1971), (703, 2013), (739, 2046), (765, 2064), (834, 2184), (835, 2187), (848, 2199), (905, 2274), (944, 2337), (958, 2355), (960, 2358), (1098, 2520), (1104, 2529), (1110, 2538), (1135, 2577),

Gene: Bricole_14 Start: 4718, Stop: 6262, Start Num: 130
Candidate Starts for Bricole_14:
(Start: 130 @4718 has 21 MA's), (Start: 163 @4766 has 23 MA's), (266, 4907), (315, 4967), (392, 5105), (512, 5297), (643, 5507), (676, 5558), (729, 5630), (789, 5693), (796, 5717), (804, 5732), (857, 5792), (862, 5804), (907, 5864), (930, 5897), (959, 5930), (977, 5957), (1007, 6005), (1143, 6191), (1158, 6212),

Gene: Bridgette_2 Start: 625, Stop: 2373, Start Num: 201
Candidate Starts for Bridgette_2:
(164, 574), (180, 601), (Start: 201 @625 has 43 MA's), (266, 718), (340, 859), (344, 865), (364, 898), (366, 901), (377, 919), (397, 961), (447, 1063), (456, 1075), (476, 1114), (487, 1135), (506, 1168), (526, 1222), (539, 1255), (541, 1261), (614, 1420), (620, 1435), (641, 1474), (700, 1570), (802, 1747), (810, 1762), (824, 1786), (942, 1969), (959, 1996), (973, 2020), (980, 2038), (994, 2068), (1023, 2125), (1042, 2152), (1066, 2176), (1073, 2185), (1114, 2236), (1142, 2290),

Gene: BritBrat_2 Start: 485, Stop: 2284, Start Num: 71
Candidate Starts for BritBrat_2:
(Start: 71 @485 has 22 MA's), (170, 623), (195, 650), (295, 782), (300, 797), (347, 881), (365, 911), (373, 923), (378, 932), (398, 971), (411, 992), (441, 1052), (456, 1076), (495, 1148), (513, 1184), (527, 1220), (571, 1310), (580, 1331), (596, 1376), (598, 1382), (603, 1400), (608, 1415), (745, 1589), (778, 1616), (813, 1685), (817, 1691), (862, 1757), (869, 1769), (884, 1796), (959, 1907), (979, 1943), (985, 1955), (990, 1961), (1000, 1979), (1011, 2006), (1025, 2030), (1077, 2093), (1105, 2135), (1141, 2192), (1150, 2207), (1165, 2222), (1204, 2270), (1206, 2273),

Gene: Briton15_13 Start: 7067, Stop: 8755, Start Num: 95
Candidate Starts for Briton15_13:

(Start: 95 @7067 has 435 MA's), (311, 7331), (323, 7355), (411, 7517), (430, 7550), (469, 7625), (510, 7715), (518, 7739), (553, 7814), (591, 7883), (620, 7970), (622, 7979), (644, 8030), (819, 8264), (832, 8276), (862, 8318), (882, 8339), (908, 8366), (985, 8474), (1070, 8564), (1139, 8669),

Gene: Brocalys_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for Brocalys_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (Start: 158 @629 has 2 MA's), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (244, 758), (312, 845), (352, 905), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (584, 1346), (601, 1388), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1024, 1979), (1069, 2006), (1094, 2039), (1112, 2066), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: BrokMonster_3 Start: 1071, Stop: 2531, Start Num: 149
Candidate Starts for BrokMonster_3:
(Start: 149 @1071 has 162 MA's), (Start: 154 @1077 has 4 MA's), (Start: 272 @1239 has 48 MA's), (278, 1248), (315, 1308), (348, 1377), (366, 1398), (394, 1449), (520, 1653), (592, 1788), (642, 1866), (649, 1881), (674, 1917), (703, 1959), (739, 1992), (765, 2010), (834, 2130), (835, 2133), (848, 2145), (905, 2220), (944, 2283), (958, 2301), (960, 2304), (1098, 2466), (1104, 2475), (1110, 2484), (1135, 2523),

Gene: Bromden_4 Start: 815, Stop: 2377, Start Num: 93
Candidate Starts for Bromden_4:
(Start: 93 @815 has 92 MA's), (Start: 99 @821 has 9 MA's), (228, 971), (255, 1019), (Start: 268 @1037 has 4 MA's), (304, 1073), (338, 1148), (419, 1268), (422, 1274), (494, 1406), (498, 1412), (509, 1433), (558, 1532), (591, 1580), (643, 1658), (653, 1679), (671, 1703), (676, 1709), (694, 1739), (699, 1745), (722, 1772), (729, 1781), (776, 1838), (789, 1865), (790, 1871), (834, 1937), (862, 1976), (867, 1985), (889, 2009), (912, 2030), (962, 2096), (964, 2099), (1140, 2318), (1143, 2324), (1158, 2345), (1181, 2369),

Gene: BronxBay_8 Start: 3600, Stop: 5366, Start Num: 174
Candidate Starts for BronxBay_8:
(Start: 174 @3600 has 5 MA's), (Start: 187 @3618 has 203 MA's), (252, 3711), (254, 3717), (292, 3774), (322, 3837), (413, 4014), (444, 4092), (454, 4113), (506, 4215), (530, 4284), (537, 4299), (555, 4341), (604, 4470), (634, 4545), (644, 4569), (704, 4674), (726, 4698), (778, 4782), (868, 4896), (876, 4914), (929, 4983), (931, 4986), (962, 5037), (992, 5079), (1051, 5166), (1060, 5193), (1071, 5214), (1080, 5226), (1094, 5244), (1139, 5319),

Gene: Broseidon_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Broseidon_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: BrotherBLo_5 Start: 3292, Stop: 4647, Start Num: 268
Candidate Starts for BrotherBLo_5:
(Start: 129 @3082 has 79 MA's), (Start: 268 @3292 has 4 MA's), (313, 3346), (338, 3403), (342, 3412), (485, 3652), (496, 3667), (500, 3673), (521, 3733), (548, 3793), (625, 3892), (637, 3922), (642, 3937), (692, 4018), (764, 4096), (768, 4105), (787, 4141), (804, 4180), (834, 4213), (838, 4222), (861, 4249),

(912, 4303), (939, 4345), (1001, 4390), (1008, 4411), (1022, 4435), (1095, 4513), (1192, 4633),

Gene: Bruiser_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Bruiser_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Brujita_2 Start: 522, Stop: 2081, Start Num: 128
Candidate Starts for Brujita_2:
(Start: 128 @522 has 6 MA's), (200, 612), (253, 699), (294, 756), (326, 819), (369, 870), (403, 936), (409, 945), (440, 1017), (449, 1041), (459, 1053), (510, 1161), (514, 1173), (515, 1176), (532, 1215), (538, 1233), (608, 1380), (634, 1422), (688, 1506), (697, 1527), (714, 1551), (771, 1590), (815, 1668), (817, 1671), (828, 1683), (844, 1701), (923, 1818), (926, 1821), (983, 1887), (1004, 1920), (1079, 2001), (1103, 2034),

Gene: Bruns_10 Start: 6924, Stop: 8612, Start Num: 107
Candidate Starts for Bruns_10:
(Start: 107 @6924 has 24 MA's), (Start: 258 @7104 has 2 MA's), (311, 7188), (324, 7215), (327, 7224), (411, 7374), (430, 7407), (469, 7482), (510, 7572), (518, 7596), (534, 7623), (553, 7671), (620, 7827), (644, 7887), (819, 8121), (832, 8133), (862, 8175), (882, 8196), (908, 8223), (985, 8331), (1070, 8421), (1139, 8526),

Gene: Brunswick_7 Start: 3704, Stop: 5443, Start Num: 187
Candidate Starts for Brunswick_7:
(148, 3650), (Start: 187 @3704 has 203 MA's), (254, 3803), (322, 3923), (376, 4022), (395, 4064), (413, 4094), (427, 4124), (444, 4172), (454, 4193), (506, 4295), (530, 4364), (539, 4388), (578, 4478), (604, 4550), (634, 4625), (644, 4649), (704, 4754), (726, 4778), (778, 4859), (868, 4973), (876, 4991), (879, 4997), (929, 5060), (931, 5063), (1012, 5201), (1059, 5267), (1071, 5291), (1080, 5303), (1136, 5393), (1139, 5396),

Gene: BryanRecycles_7 Start: 2562, Stop: 4208, Start Num: 73
Candidate Starts for BryanRecycles_7:
(Start: 73 @2562 has 95 MA's), (Start: 86 @2580 has 10 MA's), (283, 2784), (326, 2865), (400, 3000), (413, 3021), (437, 3066), (458, 3108), (497, 3180), (510, 3204), (550, 3291), (556, 3303), (584, 3357), (638, 3456), (673, 3516), (806, 3678), (811, 3687), (869, 3777), (906, 3810), (957, 3882), (959, 3885), (985, 3924), (1001, 3945), (1003, 3951), (1010, 3969), (1105, 4065), (1142, 4125),

Gene: Bryce_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Bryce_8:
(Start: 104 @3156 has 36 MA's), (Start: 258 @3342 has 2 MA's), (300, 3414), (311, 3426), (323, 3450), (327, 3462), (420, 3630), (449, 3690), (479, 3747), (480, 3750), (510, 3798), (618, 4053), (623, 4071), (647, 4125), (778, 4269), (800, 4311), (817, 4344), (869, 4413), (985, 4557), (1010, 4602), (1081, 4662), (1142, 4761), (1168, 4794), (1191, 4821), (1193, 4824), (1196, 4827),

Gene: Brynnie_3 Start: 689, Stop: 2335, Start Num: 134
Candidate Starts for Brynnie_3:
(Start: 134 @689 has 16 MA's), (Start: 182 @755 has 15 MA's), (Start: 246 @851 has 12 MA's), (252, 860), (319, 953), (334, 992), (342, 1007), (364, 1031), (425, 1133), (485, 1223), (521, 1304), (526, 1316), (531, 1322), (548, 1364), (559, 1385), (581, 1445), (593, 1475), (599, 1484), (628, 1547), (701, 1664), (780, 1763), (787, 1775), (829, 1841), (838, 1856), (862, 1886), (903, 1925), (909, 1934), (915,

1943), (939, 1979), (982, 2033), (1125, 2243), (1154, 2285), (1190, 2324),

Gene: BubbaBear_3 Start: 677, Stop: 2305, Start Num: 171
Candidate Starts for BubbaBear_3:
(Start: 171 @677 has 84 MA's), (278, 833), (342, 941), (398, 1025), (415, 1049), (425, 1067), (464, 1124), (498, 1175), (500, 1178), (521, 1238), (531, 1256), (542, 1286), (558, 1316), (829, 1772), (838, 1787), (1095, 2138), (1129, 2186), (1215, 2294),

Gene: Bubble_4 Start: 1113, Stop: 2792, Start Num: 143
Candidate Starts for Bubble_4:
(Start: 143 @1113 has 83 MA's), (Start: 191 @1164 has 2 MA's), (205, 1185), (254, 1230), (300, 1311), (334, 1377), (339, 1386), (378, 1458), (386, 1473), (405, 1509), (411, 1518), (434, 1569), (482, 1668), (513, 1722), (532, 1758), (598, 1902), (609, 1938), (623, 1977), (635, 2010), (661, 2058), (685, 2091), (697, 2115), (738, 2148), (776, 2181), (798, 2238), (803, 2247), (859, 2331), (929, 2418), (1001, 2514), (1072, 2586), (1081, 2598), (1165, 2718), (1213, 2778), (1214, 2781),

Gene: BubbleTrouble_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for BubbleTrouble_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Bubbles123_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Bubbles123_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Buckaroo_10 Start: 6888, Stop: 8585, Start Num: 95
Candidate Starts for Buckaroo_10:
(Start: 95 @6888 has 435 MA's), (Start: 122 @6912 has 1 MA's), (Start: 207 @7035 has 2 MA's), (293, 7125), (311, 7158), (362, 7257), (408, 7341), (411, 7344), (432, 7383), (469, 7452), (479, 7476), (510, 7542), (550, 7632), (620, 7797), (661, 7884), (685, 7917), (740, 7983), (798, 8055), (800, 8058), (812, 8082), (852, 8133), (862, 8148), (901, 8187), (916, 8208), (985, 8304), (1168, 8541), (1193, 8571), (1196, 8574),

Gene: Bud_12 Start: 8030, Stop: 9793, Start Num: 96
Candidate Starts for Bud_12:
(Start: 96 @8030 has 243 MA's), (Start: 120 @8051 has 11 MA's), (179, 8138), (250, 8267), (262, 8291), (300, 8354), (381, 8498), (408, 8549), (411, 8552), (469, 8663), (479, 8687), (480, 8690), (510, 8753), (513, 8762), (518, 8777), (580, 8894), (584, 8909), (605, 8969), (638, 9053), (806, 9281), (812, 9293), (852, 9341), (862, 9356), (901, 9395), (916, 9416), (942, 9455), (979, 9500), (985, 9512), (1168, 9749), (1191, 9776),

Gene: Budgie_10 Start: 2590, Stop: 4260, Start Num: 269

Candidate Starts for Budgie_10:
(Start: 269 @2590 has 11 MA's), (435, 2887), (487, 2989), (508, 3028), (570, 3169), (576, 3193), (585, 3211), (595, 3223), (596, 3226), (616, 3286), (642, 3343), (649, 3358), (700, 3436), (728, 3481), (759, 3535), (760, 3541), (805, 3637), (814, 3655), (862, 3736), (910, 3799), (922, 3820), (1014, 3988), (1022, 4000), (1065, 4057), (1091, 4093), (1124, 4144), (1142, 4180), (1145, 4183), (1148, 4189),

Gene: Bugatti_11 Start: 6496, Stop: 8193, Start Num: 95
Candidate Starts for Bugatti_11:
(Start: 95 @6496 has 435 MA's), (Start: 122 @6520 has 1 MA's), (152, 6568), (311, 6766), (339, 6829), (403, 6940), (411, 6952), (432, 6991), (438, 7003), (469, 7060), (479, 7084), (510, 7150), (513, 7159), (550, 7240), (565, 7267), (620, 7405), (661, 7492), (685, 7525), (740, 7591), (800, 7666), (812, 7690), (813, 7693), (817, 7699), (825, 7708), (852, 7741), (862, 7756), (916, 7816), (985, 7912), (1010, 7957), (1014, 7966), (1145, 8119), (1168, 8149), (1193, 8179), (1196, 8182),

Gene: Bugg_15 Start: 7507, Stop: 9252, Start Num: 187
Candidate Starts for Bugg_15:
(Start: 187 @7507 has 203 MA's), (195, 7513), (252, 7600), (254, 7606), (274, 7642), (302, 7696), (353, 7792), (444, 7981), (451, 7999), (454, 8002), (492, 8071), (530, 8173), (545, 8209), (555, 8230), (570, 8254), (588, 8311), (604, 8359), (630, 8425), (644, 8458), (647, 8464), (665, 8494), (680, 8515), (726, 8587), (868, 8782), (916, 8848), (929, 8869), (931, 8872), (968, 8932), (1045, 9043), (1060, 9079), (1071, 9100), (1080, 9112), (1112, 9157), (1114, 9160), (1136, 9202), (1139, 9205),

Gene: Buggaboo_25 Start: 12984, Stop: 14714, Start Num: 111
Candidate Starts for Buggaboo_25:
(Start: 111 @12984 has 202 MA's), (Start: 115 @12990 has 2 MA's), (222, 13134), (247, 13185), (251, 13191), (Start: 272 @13218 has 48 MA's), (281, 13230), (299, 13260), (315, 13284), (324, 13302), (514, 13695), (523, 13722), (604, 13890), (608, 13902), (621, 13935), (675, 14013), (839, 14229), (855, 14259), (893, 14310), (922, 14358), (988, 14433), (996, 14445), (1013, 14481), (1139, 14619), (1157, 14649),

Gene: Bugsy_14 Start: 7887, Stop: 9674, Start Num: 96
Candidate Starts for Bugsy_14:
(Start: 96 @7887 has 243 MA's), (179, 7995), (193, 8016), (227, 8082), (229, 8088), (250, 8124), (262, 8148), (300, 8211), (408, 8406), (411, 8409), (469, 8517), (510, 8607), (518, 8631), (553, 8706), (580, 8748), (584, 8763), (733, 9063), (869, 9249), (901, 9276), (916, 9297), (985, 9393), (1168, 9630), (1193, 9660),

Gene: Buldak_3 Start: 997, Stop: 2574, Start Num: 171
Candidate Starts for Buldak_3:
(Start: 171 @997 has 84 MA's), (278, 1153), (319, 1207), (342, 1261), (378, 1306), (464, 1444), (498, 1495), (521, 1558), (547, 1615), (558, 1636), (567, 1651), (592, 1723), (722, 1936), (738, 1960), (780, 2011), (782, 2014), (787, 2023), (796, 2047), (1022, 2317), (1057, 2389), (1125, 2476), (1134, 2494), (1201, 2566),

Gene: Bullzi2019_3 Start: 1095, Stop: 2555, Start Num: 149
Candidate Starts for Bullzi2019_3:
(Start: 149 @1095 has 162 MA's), (Start: 154 @1101 has 4 MA's), (Start: 272 @1263 has 48 MA's), (278, 1272), (315, 1332), (348, 1401), (366, 1422), (394, 1473), (520, 1677), (592, 1812), (642, 1890), (649, 1905), (661, 1923), (674, 1941), (703, 1983), (739, 2016), (765, 2034), (834, 2154), (835, 2157), (848, 2169), (857, 2181), (862, 2193), (905, 2244), (941, 2301), (944, 2307), (949, 2316), (958, 2325), (960, 2328), (1098, 2490), (1104, 2499), (1110, 2508), (1135, 2547),

Gene: Bumblebee11_11 Start: 6893, Stop: 8590, Start Num: 95

Candidate Starts for Bumblebee11_11:
(Start: 95 @6893 has 435 MA's), (Start: 122 @6917 has 1 MA's), (311, 7163), (365, 7268), (408, 7346), (411, 7349), (432, 7388), (469, 7457), (479, 7481), (510, 7547), (550, 7637), (620, 7802), (638, 7847), (661, 7889), (685, 7922), (740, 7988), (798, 8060), (800, 8063), (812, 8087), (862, 8153), (901, 8192), (916, 8213), (985, 8309), (1167, 8543), (1168, 8546), (1193, 8576), (1196, 8579),

Gene: Bunnybear_2 Start: 498, Stop: 2222, Start Num: 201
Candidate Starts for Bunnybear_2:
(Start: 190 @483 has 1 MA's), (Start: 201 @498 has 43 MA's), (259, 588), (323, 702), (364, 771), (383, 804), (393, 828), (414, 864), (438, 915), (476, 987), (541, 1134), (571, 1185), (590, 1227), (596, 1233), (626, 1317), (641, 1344), (711, 1455), (725, 1482), (826, 1659), (999, 1932), (1001, 1935), (1003, 1941), (1011, 1962), (1030, 1995), (1034, 2001), (1066, 2049), (1073, 2058), (1091, 2082), (1114, 2100), (1145, 2157), (1194, 2214),

Gene: Burger_10 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Burger_10:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Burgy_3 Start: 1086, Stop: 2546, Start Num: 149
Candidate Starts for Burgy_3:
(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (642, 1881), (649, 1896), (674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: Burley_17 Start: 10269, Stop: 12014, Start Num: 187
Candidate Starts for Burley_17:
(Start: 187 @10269 has 203 MA's), (195, 10275), (252, 10362), (254, 10368), (274, 10404), (302, 10458), (322, 10488), (395, 10635), (444, 10743), (451, 10761), (454, 10764), (492, 10833), (522, 10917), (530, 10935), (555, 10992), (604, 11121), (644, 11220), (647, 11226), (704, 11325), (726, 11349), (863, 11535), (868, 11544), (916, 11610), (929, 11631), (931, 11634), (1069, 11859), (1071, 11862), (1080, 11874), (1136, 11964), (1139, 11967),

Gene: Burnsey_4 Start: 1113, Stop: 2792, Start Num: 143
Candidate Starts for Burnsey_4:
(Start: 143 @1113 has 83 MA's), (Start: 191 @1164 has 2 MA's), (205, 1185), (Start: 207 @1188 has 2 MA's), (254, 1230), (300, 1311), (334, 1377), (339, 1386), (378, 1458), (386, 1473), (405, 1509), (411, 1518), (434, 1569), (482, 1668), (513, 1722), (532, 1758), (598, 1902), (609, 1938), (623, 1977), (635, 2010), (661, 2058), (685, 2091), (697, 2115), (738, 2148), (776, 2181), (798, 2238), (803, 2247), (859, 2331), (882, 2358), (929, 2418), (1001, 2514), (1072, 2586), (1081, 2598), (1165, 2718), (1213, 2778), (1214, 2781),

Gene: Burritobowl_3 Start: 687, Stop: 2315, Start Num: 171
Candidate Starts for Burritobowl_3:
(Start: 171 @687 has 84 MA's), (278, 843), (342, 951), (398, 1035), (425, 1077), (464, 1134), (498, 1185), (500, 1188), (521, 1248), (531, 1266), (542, 1296), (558, 1326), (829, 1782), (838, 1797), (1095, 2148), (1129, 2196), (1215, 2304),

Gene: Burton_12 Start: 7124, Stop: 8812, Start Num: 107

Candidate Starts for Burton_12:
(Start: 107 @7124 has 24 MA's), (253, 7295), (Start: 258 @7304 has 2 MA's), (311, 7388), (324, 7415), (327, 7424), (411, 7574), (430, 7607), (469, 7682), (510, 7772), (518, 7796), (534, 7823), (553, 7871), (620, 8027), (644, 8087), (813, 8312), (819, 8321), (832, 8333), (862, 8375), (882, 8396), (908, 8423), (985, 8531), (1070, 8621), (1139, 8726),

Gene: BurtonThePup_3 Start: 1086, Stop: 2546, Start Num: 149
Candidate Starts for BurtonThePup_3:
(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (642, 1881), (649, 1896), (674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: Burwell21_2 Start: 571, Stop: 2208, Start Num: 111
Candidate Starts for Burwell21_2:
(Start: 111 @571 has 202 MA's), (Start: 118 @580 has 1 MA's), (Start: 129 @595 has 79 MA's), (Start: 158 @628 has 2 MA's), (Start: 185 @652 has 2 MA's), (188, 655), (224, 718), (244, 757), (312, 844), (315, 850), (352, 904), (369, 916), (377, 928), (381, 937), (383, 940), (392, 961), (404, 982), (415, 997), (440, 1054), (461, 1093), (502, 1162), (505, 1168), (514, 1198), (515, 1201), (518, 1210), (523, 1225), (534, 1243), (557, 1294), (601, 1387), (604, 1396), (711, 1567), (726, 1579), (748, 1597), (800, 1663), (816, 1693), (818, 1696), (820, 1699), (869, 1756), (884, 1771), (889, 1777), (893, 1780), (901, 1795), (908, 1804), (957, 1873), (982, 1903), (988, 1912), (1006, 1945), (1024, 1978), (1069, 2005), (1094, 2038), (1114, 2068), (1127, 2089), (1139, 2113), (1142, 2122), (1145, 2125), (1184, 2182),

Gene: Button_5 Start: 1178, Stop: 2878, Start Num: 140
Candidate Starts for Button_5:
(Start: 140 @1178 has 9 MA's), (Start: 191 @1232 has 2 MA's), (205, 1253), (219, 1280), (290, 1355), (300, 1391), (341, 1469), (386, 1553), (392, 1568), (411, 1598), (434, 1649), (482, 1748), (532, 1838), (574, 1928), (598, 1982), (623, 2057), (685, 2171), (697, 2195), (776, 2261), (798, 2318), (800, 2321), (803, 2327), (806, 2333), (852, 2399), (862, 2417), (929, 2498), (934, 2504), (959, 2537), (1001, 2594), (1047, 2642), (1141, 2771), (1142, 2774), (1213, 2864), (1214, 2867),

Gene: Buttons_12 Start: 7194, Stop: 8882, Start Num: 95
Candidate Starts for Buttons_12:
(Start: 95 @7194 has 435 MA's), (Start: 258 @7374 has 2 MA's), (311, 7458), (327, 7494), (339, 7521), (411, 7644), (430, 7677), (469, 7752), (510, 7842), (518, 7866), (534, 7893), (553, 7941), (620, 8097), (644, 8157), (813, 8382), (819, 8391), (832, 8403), (862, 8445), (882, 8466), (908, 8493), (985, 8601), (1070, 8691), (1139, 8796),

Gene: Buttrmlkdreams_4 Start: 1111, Stop: 2790, Start Num: 143
Candidate Starts for Buttrmlkdreams_4:
(Start: 143 @1111 has 83 MA's), (Start: 191 @1162 has 2 MA's), (205, 1183), (252, 1222), (300, 1309), (326, 1354), (334, 1375), (339, 1384), (378, 1456), (405, 1507), (411, 1516), (434, 1567), (482, 1666), (497, 1687), (513, 1720), (532, 1756), (598, 1900), (609, 1936), (623, 1975), (635, 2008), (661, 2056), (697, 2113), (738, 2146), (776, 2179), (803, 2245), (806, 2251), (852, 2317), (859, 2329), (929, 2416), (1001, 2512), (1047, 2560), (1110, 2635), (1165, 2716), (1213, 2776), (1214, 2779),

Gene: BuzzBuzz_12 Start: 7041, Stop: 8741, Start Num: 102
Candidate Starts for BuzzBuzz_12:
(Start: 102 @7041 has 88 MA's), (137, 7089), (253, 7224), (362, 7416), (411, 7503), (510, 7701), (550, 7791), (583, 7854), (644, 8016), (800, 8214), (812, 8238), (813, 8241), (862, 8304), (882, 8325), (916, 8364), (985, 8460), (1014, 8514), (1070, 8550), (1168, 8697), (1193, 8727), (1196, 8730),

Gene: Bxb1_10 Start: 7031, Stop: 8719, Start Num: 95
Candidate Starts for Bxb1_10:
(Start: 95 @7031 has 435 MA's), (311, 7295), (323, 7319), (411, 7481), (430, 7514), (469, 7589), (510, 7679), (518, 7703), (598, 7871), (642, 7991), (644, 7994), (800, 8192), (813, 8219), (867, 8291), (882, 8303), (904, 8324), (942, 8381), (985, 8438), (1070, 8528), (1072, 8531), (1142, 8642), (1145, 8645), (1168, 8675), (1193, 8705), (1196, 8708),

Gene: Bxz2_13 Start: 7051, Stop: 8751, Start Num: 102
Candidate Starts for Bxz2_13:
(Start: 102 @7051 has 88 MA's), (137, 7099), (253, 7234), (362, 7426), (411, 7513), (510, 7711), (550, 7801), (583, 7864), (644, 8026), (800, 8224), (812, 8248), (813, 8251), (862, 8314), (882, 8335), (916, 8374), (985, 8470), (1014, 8524), (1070, 8560), (1168, 8707), (1193, 8737), (1196, 8740),

Gene: ByChance_2 Start: 573, Stop: 2210, Start Num: 111
Candidate Starts for ByChance_2:
(Start: 111 @573 has 202 MA's), (Start: 118 @582 has 1 MA's), (Start: 129 @597 has 79 MA's), (147, 618), (Start: 185 @654 has 2 MA's), (188, 657), (200, 675), (224, 720), (244, 759), (312, 846), (352, 906), (377, 930), (381, 939), (383, 942), (392, 963), (404, 984), (415, 999), (440, 1056), (461, 1095), (502, 1164), (505, 1170), (514, 1200), (515, 1203), (518, 1212), (523, 1227), (534, 1245), (557, 1296), (601, 1389), (604, 1398), (711, 1569), (726, 1581), (800, 1665), (816, 1695), (818, 1698), (820, 1701), (869, 1758), (884, 1773), (889, 1779), (893, 1782), (901, 1797), (908, 1806), (934, 1845), (957, 1875), (982, 1905), (988, 1914), (1006, 1947), (1024, 1980), (1069, 2007), (1094, 2040), (1114, 2070), (1127, 2091), (1139, 2115), (1142, 2124), (1145, 2127), (1184, 2184),

Gene: Byougenkin_2 Start: 629, Stop: 2209, Start Num: 158
Candidate Starts for Byougenkin_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (Start: 158 @629 has 2 MA's), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (244, 758), (312, 845), (352, 905), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (584, 1346), (601, 1388), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1014, 1964), (1024, 1979), (1069, 2006), (1094, 2039), (1112, 2066), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: C3_10 Start: 7374, Stop: 9164, Start Num: 96
Candidate Starts for C3_10:
(51, 7296), (77, 7347), (Start: 96 @7374 has 243 MA's), (179, 7482), (193, 7503), (227, 7569), (250, 7611), (262, 7635), (339, 7773), (408, 7893), (411, 7896), (469, 8007), (510, 8097), (518, 8121), (550, 8187), (571, 8223), (583, 8250), (584, 8253), (733, 8553), (800, 8640), (817, 8673), (869, 8739), (901, 8766), (916, 8787), (979, 8871), (985, 8883), (1072, 8976), (1083, 8991), (1168, 9120), (1191, 9147), (1193, 9150),

Gene: C3PO_12 Start: 6699, Stop: 8765, Start Num: 5
Candidate Starts for C3PO_12:
(Start: 5 @6699 has 5 MA's), (11, 6756), (27, 6894), (32, 6924), (39, 6948), (92, 7065), (Start: 129 @7110 has 79 MA's), (175, 7173), (Start: 191 @7197 has 2 MA's), (277, 7359), (291, 7374), (298, 7392), (299, 7395), (315, 7419), (324, 7437), (369, 7494), (371, 7497), (392, 7539), (407, 7566), (418, 7584), (432, 7611), (438, 7629), (439, 7632), (473, 7686), (514, 7770), (515, 7773), (522, 7794), (534, 7815), (570, 7887), (584, 7917), (604, 7968), (646, 8049), (669, 8082), (801, 8244), (881, 8346), (901, 8373), (908, 8382), (996, 8493), (1063, 8556), (1139, 8667), (1142, 8676), (1205, 8757),

Gene: CGermain_4 Start: 800, Stop: 2290, Start Num: 146

Candidate Starts for CGermain_4:
(Start: 146 @800 has 40 MA's), (181, 845), (255, 947), (267, 965), (274, 974), (313, 1025), (315, 1028), (319, 1037), (330, 1067), (345, 1094), (415, 1193), (474, 1292), (486, 1316), (488, 1319), (491, 1322), (513, 1367), (650, 1601), (692, 1649), (694, 1661), (728, 1700), (748, 1718), (768, 1730), (770, 1733), (781, 1754), (785, 1760), (789, 1772), (838, 1850), (874, 1904), (930, 1958), (940, 1970), (970, 2015), (1005, 2063), (1081, 2147), (1125, 2204), (1175, 2273),

Gene: CRB1_12 Start: 7407, Stop: 9194, Start Num: 96
Candidate Starts for CRB1_12:
(Start: 96 @7407 has 243 MA's), (179, 7515), (193, 7536), (241, 7626), (250, 7644), (300, 7731), (329, 7785), (381, 7875), (408, 7926), (411, 7929), (469, 8037), (510, 8127), (518, 8151), (580, 8268), (584, 8283), (733, 8583), (869, 8769), (901, 8796), (916, 8817), (985, 8913), (1168, 9150), (1193, 9180),

Gene: CWormy_17 Start: 9229, Stop: 10974, Start Num: 187
Candidate Starts for CWormy_17:
(Start: 187 @9229 has 203 MA's), (195, 9235), (254, 9328), (274, 9364), (302, 9418), (395, 9595), (444, 9703), (451, 9721), (454, 9724), (492, 9793), (522, 9877), (530, 9895), (555, 9952), (588, 10033), (604, 10081), (644, 10180), (647, 10186), (665, 10216), (680, 10237), (682, 10243), (704, 10285), (726, 10309), (868, 10504), (899, 10546), (916, 10570), (929, 10591), (931, 10594), (1051, 10774), (1069, 10819), (1071, 10822), (1080, 10834), (1094, 10852), (1136, 10924), (1139, 10927),

Gene: Cabrinians_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for Cabrinians_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (147, 617), (Start: 158 @629 has 2 MA's), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (244, 758), (312, 845), (352, 905), (369, 917), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (415, 998), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (601, 1388), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1024, 1979), (1069, 2006), (1094, 2039), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: Cactus_10 Start: 2509, Stop: 4179, Start Num: 272
Candidate Starts for Cactus_10:
(Start: 272 @2509 has 48 MA's), (309, 2572), (435, 2806), (487, 2908), (570, 3088), (576, 3112), (585, 3130), (595, 3142), (616, 3205), (621, 3217), (642, 3262), (649, 3277), (700, 3355), (728, 3400), (759, 3454), (760, 3460), (814, 3574), (841, 3622), (910, 3718), (933, 3754), (1014, 3907), (1022, 3919), (1065, 3976), (1091, 4012), (1124, 4063), (1142, 4099), (1145, 4102), (1193, 4168),

Gene: CactusRose_10 Start: 6744, Stop: 8432, Start Num: 95
Candidate Starts for CactusRose_10:
(Start: 95 @6744 has 435 MA's), (Start: 258 @6924 has 2 MA's), (311, 7008), (327, 7044), (339, 7071), (411, 7194), (469, 7302), (510, 7392), (518, 7416), (553, 7491), (591, 7560), (620, 7647), (644, 7707), (813, 7932), (819, 7941), (832, 7953), (862, 7995), (882, 8016), (908, 8043), (985, 8151), (1070, 8241), (1139, 8346),

Gene: Caelakin_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Caelakin_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Caelum_7 Start: 2093, Stop: 3742, Start Num: 73
Candidate Starts for Caelum_7:
(Start: 73 @2093 has 95 MA's), (160, 2180), (Start: 167 @2192 has 4 MA's), (283, 2318), (311, 2366), (326, 2399), (329, 2408), (378, 2492), (381, 2498), (386, 2507), (400, 2534), (413, 2555), (442, 2615), (458, 2642), (497, 2714), (510, 2738), (556, 2837), (574, 2873), (584, 2891), (647, 3011), (648, 3014), (673, 3050), (687, 3068), (811, 3221), (817, 3233), (852, 3284), (869, 3311), (959, 3419), (985, 3458), (1001, 3479), (1010, 3503), (1141, 3656), (1142, 3659), (1204, 3737),

Gene: Caitlin_9 Start: 5701, Stop: 7455, Start Num: 63
Candidate Starts for Caitlin_9:
(Start: 63 @5701 has 32 MA's), (Start: 86 @5743 has 10 MA's), (Start: 125 @5782 has 1 MA's), (200, 5890), (339, 6097), (449, 6298), (510, 6406), (570, 6535), (632, 6700), (647, 6733), (743, 6853), (800, 6928), (882, 7039), (901, 7057), (916, 7078), (954, 7132), (985, 7174), (1081, 7279), (1142, 7378), (1168, 7411), (1196, 7444), (1202, 7450),

Gene: Caliburn_6 Start: 2382, Stop: 4028, Start Num: 73
Candidate Starts for Caliburn_6:
(Start: 73 @2382 has 95 MA's), (Start: 86 @2400 has 10 MA's), (283, 2604), (326, 2685), (400, 2820), (413, 2841), (458, 2928), (497, 3000), (510, 3024), (556, 3123), (584, 3177), (638, 3276), (673, 3336), (806, 3498), (811, 3507), (869, 3597), (901, 3624), (957, 3702), (959, 3705), (985, 3744), (1001, 3765), (1003, 3771), (1010, 3789), (1105, 3885), (1142, 3945),

Gene: CallieOMalley_5 Start: 3069, Stop: 4637, Start Num: 129
Candidate Starts for CallieOMalley_5:
(Start: 129 @3069 has 79 MA's), (252, 3255), (Start: 272 @3285 has 48 MA's), (313, 3336), (319, 3348), (338, 3393), (364, 3426), (425, 3528), (464, 3609), (496, 3657), (521, 3723), (542, 3771), (547, 3780), (615, 3855), (625, 3882), (637, 3912), (655, 3951), (787, 4131), (834, 4203), (861, 4239), (939, 4335), (1008, 4401), (1043, 4431), (1046, 4437), (1095, 4503), (1192, 4623),

Gene: Calm_4 Start: 1058, Stop: 2635, Start Num: 99
Candidate Starts for Calm_4:
(Start: 93 @1052 has 92 MA's), (Start: 99 @1058 has 9 MA's), (238, 1229), (304, 1316), (313, 1334), (316, 1340), (330, 1376), (420, 1514), (422, 1517), (464, 1592), (494, 1646), (496, 1649), (498, 1652), (591, 1820), (632, 1874), (637, 1883), (643, 1898), (653, 1919), (685, 1958), (694, 1979), (699, 1985), (722, 2012), (759, 2054), (776, 2078), (786, 2096), (789, 2105), (790, 2111), (804, 2144), (834, 2177), (862, 2216), (865, 2222), (867, 2225), (912, 2270), (962, 2336), (999, 2387), (1005, 2402), (1008, 2411), (1016, 2426), (1018, 2429), (1125, 2531), (1140, 2558), (1181, 2609), (1183, 2612),

Gene: Calvinny_13 Start: 7029, Stop: 8729, Start Num: 102
Candidate Starts for Calvinny_13:
(Start: 102 @7029 has 88 MA's), (137, 7077), (Start: 191 @7149 has 2 MA's), (253, 7212), (411, 7491), (510, 7689), (550, 7779), (583, 7842), (644, 8004), (800, 8202), (812, 8226), (813, 8229), (862, 8292), (869, 8304), (882, 8313), (901, 8331), (916, 8352), (985, 8448), (1014, 8502), (1070, 8538), (1168, 8685), (1193, 8715), (1196, 8718),

Gene: Camara_2 Start: 371, Stop: 1993, Start Num: 149
Candidate Starts for Camara_2:
(Start: 134 @350 has 16 MA's), (Start: 149 @371 has 162 MA's), (313, 602), (315, 605), (319, 614), (333, 650), (342, 668), (394, 746), (464, 851), (521, 965), (534, 989), (548, 1025), (559, 1046), (569, 1061), (589, 1121), (628, 1205), (780, 1421), (787, 1433), (798, 1460), (829, 1499), (834, 1505), (862, 1544), (889, 1571), (903, 1583), (923, 1616), (932, 1628), (956, 1661), (1072, 1832), (1125, 1901), (1129, 1907), (1144, 1928), (1159, 1949), (1187, 1979), (1190, 1982), (1192, 1985),

Gene: Camille_10 Start: 3878, Stop: 5629, Start Num: 187
Candidate Starts for Camille_10:
(Start: 183 @3872 has 2 MA's), (Start: 187 @3878 has 203 MA's), (Start: 246 @3962 has 12 MA's), (254, 3977), (380, 4211), (385, 4220), (413, 4274), (444, 4352), (480, 4427), (503, 4466), (530, 4544), (588, 4688), (604, 4736), (644, 4835), (726, 4964), (778, 5045), (807, 5102), (847, 5123), (866, 5156), (929, 5246), (931, 5249), (962, 5300), (992, 5342), (1071, 5477), (1080, 5489),

Gene: Camperdownii_10 Start: 6501, Stop: 8198, Start Num: 95
Candidate Starts for Camperdownii_10:
(Start: 95 @6501 has 435 MA's), (Start: 122 @6525 has 1 MA's), (Start: 207 @6648 has 2 MA's), (293, 6738), (311, 6771), (362, 6870), (408, 6954), (411, 6957), (432, 6996), (469, 7065), (479, 7089), (510, 7155), (550, 7245), (620, 7410), (661, 7497), (685, 7530), (740, 7596), (798, 7668), (800, 7671), (812, 7695), (852, 7746), (862, 7761), (916, 7821), (985, 7917), (1024, 7986), (1167, 8151), (1168, 8154), (1193, 8184), (1196, 8187),

Gene: CanFranMach_3 Start: 691, Stop: 2319, Start Num: 171
Candidate Starts for CanFranMach_3:
(Start: 171 @691 has 84 MA's), (278, 847), (342, 955), (360, 970), (398, 1039), (498, 1189), (500, 1192), (521, 1252), (531, 1270), (532, 1273), (542, 1300), (558, 1330), (829, 1786), (838, 1801), (923, 1903), (1064, 2113), (1095, 2152), (1187, 2269), (1215, 2308),

Gene: Candra_15 Start: 7566, Stop: 9320, Start Num: 96
Candidate Starts for Candra_15:
(Start: 96 @7566 has 243 MA's), (250, 7797), (283, 7848), (300, 7884), (339, 7959), (411, 8082), (432, 8121), (469, 8190), (479, 8214), (480, 8217), (510, 8280), (518, 8304), (570, 8403), (571, 8406), (583, 8433), (584, 8436), (740, 8721), (806, 8808), (812, 8820), (862, 8883), (901, 8922), (916, 8943), (979, 9027), (985, 9039), (1168, 9276), (1191, 9303), (1193, 9306),

Gene: CanesSauce_4 Start: 1120, Stop: 2799, Start Num: 143
Candidate Starts for CanesSauce_4:
(Start: 143 @1120 has 83 MA's), (Start: 191 @1171 has 2 MA's), (205, 1192), (Start: 207 @1195 has 2 MA's), (254, 1237), (295, 1303), (326, 1363), (334, 1384), (339, 1393), (386, 1480), (405, 1516), (411, 1525), (434, 1576), (482, 1675), (513, 1729), (532, 1765), (598, 1909), (609, 1945), (623, 1984), (704, 2131), (738, 2155), (803, 2254), (859, 2338), (929, 2425), (1001, 2521), (1047, 2569), (1072, 2593), (1110, 2644), (1165, 2725), (1213, 2785), (1214, 2788),

Gene: Canowicakte_5 Start: 3104, Stop: 4672, Start Num: 129
Candidate Starts for Canowicakte_5:
(Start: 129 @3104 has 79 MA's), (252, 3290), (Start: 272 @3320 has 48 MA's), (313, 3371), (319, 3383), (330, 3413), (338, 3428), (364, 3461), (425, 3563), (464, 3644), (496, 3692), (521, 3758), (542, 3806), (547, 3815), (550, 3821), (615, 3890), (625, 3917), (637, 3947), (655, 3986), (787, 4166), (834, 4238), (861, 4274), (939, 4370), (1008, 4436), (1043, 4466), (1046, 4472), (1095, 4538), (1192, 4658),

Gene: CapnMurica_7 Start: 4800, Stop: 6539, Start Num: 187
Candidate Starts for CapnMurica_7:
(Start: 187 @4800 has 203 MA's), (254, 4899), (322, 5019), (376, 5118), (395, 5160), (413, 5190), (427, 5220), (444, 5268), (454, 5289), (506, 5391), (530, 5460), (539, 5484), (545, 5496), (578, 5574), (604, 5646), (634, 5721), (644, 5745), (704, 5850), (726, 5874), (778, 5955), (803, 6003), (868, 6069), (876, 6087), (879, 6093), (929, 6156), (931, 6159), (1059, 6363), (1071, 6387), (1080, 6399), (1136, 6489), (1139, 6492),

Gene: Cappuccino_2 Start: 593, Stop: 2281, Start Num: 119

Candidate Starts for Cappuccino_2:
(Start: 119 @593 has 16 MA's), (295, 794), (373, 938), (386, 962), (411, 1007), (456, 1094), (482, 1148), (509, 1187), (570, 1322), (608, 1424), (687, 1535), (773, 1646), (800, 1697), (985, 1952), (997, 1967), (1142, 2192), (1150, 2204), (1165, 2219),

Gene: Caprice_34 Start: 10508, Stop: 12250, Start Num: 143
Candidate Starts for Caprice_34:
(Start: 143 @10508 has 83 MA's), (253, 10625), (283, 10670), (305, 10736), (306, 10751), (323, 10784), (324, 10787), (329, 10802), (341, 10826), (342, 10829), (362, 10859), (375, 10880), (378, 10898), (383, 10907), (402, 10943), (411, 10958), (434, 11003), (458, 11045), (477, 11084), (482, 11096), (497, 11117), (519, 11168), (534, 11189), (635, 11411), (697, 11516), (704, 11525), (749, 11558), (776, 11579), (778, 11582), (789, 11609), (800, 11639), (806, 11651), (813, 11666), (819, 11675), (825, 11681), (852, 11723), (858, 11732), (865, 11747), (882, 11762), (929, 11822), (954, 11861), (980, 11894), (1001, 11924), (1002, 11927), (1040, 12011), (1081, 12065), (1092, 12080), (1113, 12107), (1142, 12161), (1211, 12233), (1213, 12236),

Gene: CaptainTrips_3 Start: 1235, Stop: 2872, Start Num: 111
Candidate Starts for CaptainTrips_3:
(Start: 111 @1235 has 202 MA's), (Start: 125 @1250 has 1 MA's), (Start: 129 @1259 has 79 MA's), (133, 1265), (Start: 158 @1292 has 2 MA's), (Start: 185 @1316 has 2 MA's), (188, 1319), (224, 1382), (230, 1400), (244, 1421), (312, 1508), (315, 1514), (352, 1568), (369, 1580), (377, 1592), (381, 1601), (383, 1604), (392, 1625), (404, 1646), (415, 1661), (440, 1718), (461, 1757), (502, 1826), (505, 1832), (514, 1862), (515, 1865), (518, 1874), (523, 1889), (534, 1907), (557, 1958), (604, 2060), (711, 2231), (726, 2243), (748, 2261), (800, 2327), (816, 2357), (818, 2360), (820, 2363), (869, 2420), (884, 2435), (889, 2441), (893, 2444), (901, 2459), (908, 2468), (957, 2537), (982, 2567), (988, 2576), (1006, 2609), (1024, 2642), (1069, 2669), (1094, 2702), (1112, 2729), (1114, 2732), (1127, 2753), (1139, 2777), (1142, 2786), (1145, 2789), (1184, 2846),

Gene: Captrips_13 Start: 7494, Stop: 9239, Start Num: 187
Candidate Starts for Captrips_13:
(Start: 187 @7494 has 203 MA's), (195, 7500), (252, 7587), (254, 7593), (274, 7629), (302, 7683), (353, 7779), (444, 7968), (451, 7986), (454, 7989), (492, 8058), (530, 8160), (545, 8196), (555, 8217), (570, 8241), (588, 8298), (604, 8346), (630, 8412), (644, 8445), (647, 8451), (665, 8481), (680, 8502), (726, 8574), (868, 8769), (916, 8835), (929, 8856), (931, 8859), (968, 8919), (1045, 9030), (1060, 9066), (1071, 9087), (1080, 9099), (1112, 9144), (1114, 9147), (1136, 9189), (1139, 9192),

Gene: Capybara_13 Start: 7213, Stop: 8958, Start Num: 187
Candidate Starts for Capybara_13:
(Start: 187 @7213 has 203 MA's), (195, 7219), (252, 7306), (254, 7312), (274, 7348), (302, 7402), (444, 7687), (451, 7705), (454, 7708), (492, 7777), (530, 7879), (545, 7915), (555, 7936), (570, 7960), (588, 8017), (604, 8065), (630, 8131), (644, 8164), (647, 8170), (665, 8200), (680, 8221), (726, 8293), (868, 8488), (916, 8554), (929, 8575), (931, 8578), (968, 8638), (1045, 8749), (1060, 8785), (1071, 8806), (1080, 8818), (1114, 8866), (1136, 8908), (1139, 8911),

Gene: CaramelLatte_4 Start: 1120, Stop: 2799, Start Num: 143
Candidate Starts for CaramelLatte_4:
(Start: 143 @1120 has 83 MA's), (Start: 191 @1171 has 2 MA's), (205, 1192), (Start: 207 @1195 has 2 MA's), (254, 1237), (295, 1303), (326, 1363), (334, 1384), (339, 1393), (386, 1480), (405, 1516), (411, 1525), (434, 1576), (482, 1675), (513, 1729), (532, 1765), (598, 1909), (609, 1945), (623, 1984), (704, 2131), (738, 2155), (803, 2254), (859, 2338), (929, 2425), (1001, 2521), (1047, 2569), (1072, 2593), (1110, 2644), (1165, 2725), (1213, 2785), (1214, 2788),

Gene: Caraxes_11 Start: 6158, Stop: 7942, Start Num: 96

Candidate Starts for Caraxes_11:
(Start: 96 @6158 has 243 MA's), (250, 6389), (300, 6476), (386, 6629), (408, 6671), (411, 6674), (469, 6785), (479, 6809), (480, 6812), (510, 6875), (518, 6899), (584, 7031), (817, 7451), (901, 7544), (916, 7565), (979, 7649), (985, 7661), (1083, 7769), (1168, 7898), (1191, 7925), (1193, 7928),

Gene: Carlyle_13 Start: 7592, Stop: 9280, Start Num: 95
Candidate Starts for Carlyle_13:
(Start: 95 @7592 has 435 MA's), (311, 7856), (323, 7880), (411, 8042), (430, 8075), (469, 8150), (510, 8240), (518, 8264), (534, 8291), (553, 8339), (620, 8495), (644, 8555), (813, 8780), (819, 8789), (832, 8801), (862, 8843), (882, 8864), (908, 8891), (985, 8999), (1070, 9089), (1139, 9194),

Gene: Caron_2 Start: 631, Stop: 2349, Start Num: 93
Candidate Starts for Caron_2:
(Start: 93 @631 has 92 MA's), (254, 781), (373, 1003), (400, 1054), (411, 1072), (482, 1222), (732, 1678), (773, 1717), (852, 1852), (985, 2023), (997, 2038), (1055, 2125), (1105, 2203), (1150, 2275),

Gene: Carpal_5 Start: 3082, Stop: 4647, Start Num: 129
Candidate Starts for Carpal_5:
(Start: 129 @3082 has 79 MA's), (Start: 268 @3292 has 4 MA's), (313, 3346), (338, 3403), (342, 3412), (485, 3652), (496, 3667), (500, 3673), (521, 3733), (548, 3793), (625, 3892), (637, 3922), (642, 3937), (692, 4018), (764, 4096), (768, 4105), (787, 4141), (804, 4180), (834, 4213), (838, 4222), (861, 4249), (912, 4303), (939, 4345), (1001, 4390), (1008, 4411), (1022, 4435), (1095, 4513), (1192, 4633),

Gene: Carsonalex_5 Start: 1170, Stop: 2849, Start Num: 143
Candidate Starts for Carsonalex_5:
(Start: 143 @1170 has 83 MA's), (Start: 191 @1221 has 2 MA's), (205, 1242), (254, 1287), (300, 1368), (334, 1434), (339, 1443), (378, 1515), (386, 1530), (405, 1566), (411, 1575), (434, 1626), (482, 1725), (513, 1779), (532, 1815), (598, 1959), (609, 1995), (623, 2034), (635, 2067), (685, 2148), (697, 2172), (738, 2205), (776, 2238), (798, 2295), (803, 2304), (859, 2388), (929, 2475), (1001, 2571), (1072, 2643), (1081, 2655), (1165, 2775), (1213, 2835), (1214, 2838),

Gene: Cashington_3 Start: 677, Stop: 2305, Start Num: 171
Candidate Starts for Cashington_3:
(Start: 171 @677 has 84 MA's), (278, 833), (342, 941), (378, 986), (387, 1004), (398, 1025), (415, 1049), (425, 1067), (464, 1124), (498, 1175), (500, 1178), (505, 1187), (521, 1238), (531, 1256), (542, 1286), (558, 1316), (829, 1772), (838, 1787), (1095, 2138), (1129, 2186), (1215, 2294),

Gene: Cashline_2 Start: 485, Stop: 2284, Start Num: 71
Candidate Starts for Cashline_2:
(Start: 71 @485 has 22 MA's), (295, 782), (300, 797), (347, 881), (365, 911), (373, 923), (378, 932), (398, 971), (411, 992), (456, 1076), (495, 1148), (513, 1184), (527, 1220), (571, 1310), (580, 1331), (596, 1376), (598, 1382), (608, 1415), (745, 1589), (778, 1616), (813, 1685), (817, 1691), (862, 1757), (869, 1769), (884, 1796), (959, 1907), (979, 1943), (985, 1955), (1011, 2006), (1025, 2030), (1077, 2093), (1105, 2135), (1141, 2192), (1150, 2207), (1165, 2222), (1167, 2225), (1204, 2270), (1206, 2273),

Gene: Cassia_2 Start: 547, Stop: 2244, Start Num: 95
Candidate Starts for Cassia_2:
(Start: 95 @547 has 435 MA's), (Start: 191 @634 has 2 MA's), (379, 919), (411, 976), (432, 1018), (482, 1114), (513, 1168), (570, 1288), (604, 1378), (635, 1417), (734, 1576), (800, 1663), (869, 1774), (929, 1843), (985, 1918), (997, 1933), (1081, 2059), (1136, 2143), (1150, 2167),

Gene: CastorTray_8 Start: 3573, Stop: 5312, Start Num: 187

Candidate Starts for CastorTray_8:
(148, 3519), (Start: 187 @3573 has 203 MA's), (254, 3672), (322, 3792), (376, 3891), (395, 3933), (413, 3963), (427, 3993), (444, 4041), (454, 4062), (506, 4164), (530, 4233), (539, 4257), (578, 4347), (604, 4419), (634, 4494), (644, 4518), (726, 4647), (778, 4728), (868, 4842), (876, 4860), (879, 4866), (929, 4929), (931, 4932), (1055, 5121), (1059, 5136), (1071, 5160), (1080, 5172), (1136, 5262), (1139, 5265),

Gene: CatBus_12 Start: 7751, Stop: 9439, Start Num: 95
Candidate Starts for CatBus_12:
(Start: 95 @7751 has 435 MA's), (Start: 258 @7931 has 2 MA's), (311, 8015), (327, 8051), (339, 8078), (411, 8201), (430, 8234), (469, 8309), (510, 8399), (518, 8423), (534, 8450), (553, 8498), (591, 8567), (615, 8642), (620, 8654), (622, 8663), (644, 8714), (813, 8939), (819, 8948), (832, 8960), (862, 9002), (882, 9023), (908, 9050), (985, 9158), (1070, 9248), (1139, 9353),

Gene: Cat_9 Start: 6352, Stop: 8049, Start Num: 95
Candidate Starts for Cat_9:
(Start: 95 @6352 has 435 MA's), (Start: 122 @6376 has 1 MA's), (Start: 271 @6559 has 3 MA's), (311, 6622), (339, 6685), (403, 6796), (411, 6808), (432, 6847), (469, 6916), (479, 6940), (510, 7006), (513, 7015), (550, 7096), (620, 7261), (647, 7327), (661, 7348), (685, 7381), (740, 7447), (812, 7546), (813, 7549), (817, 7555), (825, 7564), (852, 7597), (862, 7612), (916, 7672), (985, 7768), (1010, 7813), (1014, 7822), (1145, 7975), (1168, 8005), (1193, 8035), (1196, 8038),

Gene: Catalina_13 Start: 8125, Stop: 9897, Start Num: 114
Candidate Starts for Catalina_13:
(Start: 96 @8110 has 243 MA's), (Start: 114 @8125 has 11 MA's), (Start: 120 @8131 has 11 MA's), (200, 8242), (250, 8341), (339, 8503), (381, 8575), (411, 8629), (432, 8668), (469, 8740), (510, 8830), (518, 8854), (580, 8971), (584, 8986), (622, 9094), (659, 9169), (685, 9205), (717, 9265), (806, 9385), (817, 9406), (852, 9445), (901, 9499), (904, 9502), (916, 9520), (954, 9574), (979, 9604), (985, 9616), (1070, 9706), (1083, 9724), (1168, 9853), (1191, 9880), (1193, 9883),

Gene: Caterpillar_8 Start: 3812, Stop: 5551, Start Num: 187
Candidate Starts for Caterpillar_8:
(Start: 187 @3812 has 203 MA's), (254, 3911), (322, 4031), (376, 4130), (395, 4172), (413, 4202), (444, 4280), (454, 4301), (530, 4472), (539, 4496), (545, 4508), (604, 4658), (634, 4733), (644, 4757), (704, 4862), (726, 4886), (778, 4967), (803, 5015), (868, 5081), (876, 5099), (879, 5105), (916, 5147), (924, 5162), (929, 5168), (931, 5171), (1059, 5375), (1071, 5399), (1080, 5411), (1094, 5429), (1136, 5501), (1139, 5504),

Gene: Catfish_6 Start: 2518, Stop: 4161, Start Num: 118
Candidate Starts for Catfish_6:
(Start: 118 @2518 has 1 MA's), (338, 2854), (366, 2890), (378, 2908), (464, 3046), (490, 3085), (500, 3100), (534, 3184), (535, 3187), (536, 3190), (548, 3220), (681, 3424), (809, 3634), (832, 3655), (838, 3667), (867, 3706), (907, 3742), (912, 3748), (1014, 3919), (1046, 3952), (1095, 4018), (1129, 4066), (1206, 4153),

Gene: Caviar_12 Start: 7044, Stop: 8741, Start Num: 95
Candidate Starts for Caviar_12:
(Start: 95 @7044 has 435 MA's), (Start: 122 @7068 has 1 MA's), (311, 7314), (403, 7488), (411, 7500), (432, 7539), (438, 7551), (469, 7608), (479, 7632), (510, 7698), (513, 7707), (550, 7788), (570, 7821), (620, 7953), (623, 7965), (647, 8019), (661, 8040), (685, 8073), (732, 8127), (800, 8214), (812, 8238), (813, 8241), (817, 8247), (825, 8256), (862, 8304), (901, 8343), (904, 8346), (916, 8364), (985, 8460), (1014, 8514), (1145, 8667), (1168, 8697), (1193, 8727), (1196, 8730),

Gene: Cayde6_3 Start: 1071, Stop: 2531, Start Num: 149
Candidate Starts for Cayde6_3:
(Start: 149 @1071 has 162 MA's), (Start: 154 @1077 has 4 MA's), (Start: 272 @1239 has 48 MA's), (278, 1248), (315, 1308), (348, 1377), (366, 1398), (394, 1449), (520, 1653), (642, 1866), (649, 1881), (674, 1917), (703, 1959), (739, 1992), (765, 2010), (834, 2130), (835, 2133), (848, 2145), (905, 2220), (944, 2283), (958, 2301), (960, 2304), (1098, 2466), (1104, 2475), (1110, 2484), (1135, 2523),

Gene: Cazares_3 Start: 1068, Stop: 2522, Start Num: 154
Candidate Starts for Cazares_3:
(Start: 149 @1062 has 162 MA's), (Start: 154 @1068 has 4 MA's), (Start: 272 @1230 has 48 MA's), (278, 1239), (315, 1299), (348, 1368), (366, 1389), (394, 1440), (520, 1644), (592, 1779), (642, 1857), (649, 1872), (661, 1890), (674, 1908), (703, 1950), (739, 1983), (765, 2001), (834, 2121), (835, 2124), (848, 2136), (857, 2148), (862, 2160), (905, 2211), (941, 2268), (944, 2274), (949, 2283), (958, 2292), (960, 2295), (1098, 2457), (1104, 2466), (1110, 2475), (1135, 2514),

Gene: Celaena_3 Start: 875, Stop: 2440, Start Num: 171
Candidate Starts for Celaena_3:
(Start: 171 @875 has 84 MA's), (278, 1031), (342, 1139), (394, 1217), (400, 1226), (419, 1253), (464, 1322), (498, 1373), (521, 1436), (558, 1514), (699, 1787), (899, 2054), (907, 2057), (1134, 2357), (1159, 2387), (1201, 2432),

Gene: Celery_8 Start: 2487, Stop: 4133, Start Num: 73
Candidate Starts for Celery_8:
(Start: 68 @2478 has 2 MA's), (Start: 73 @2487 has 95 MA's), (Start: 74 @2490 has 1 MA's), (Start: 86 @2505 has 10 MA's), (283, 2709), (326, 2790), (378, 2883), (386, 2898), (400, 2925), (405, 2934), (413, 2946), (458, 3033), (510, 3129), (556, 3228), (638, 3381), (647, 3402), (673, 3441), (800, 3591), (803, 3597), (811, 3612), (852, 3675), (901, 3729), (904, 3732), (985, 3849), (1003, 3876), (1010, 3894), (1067, 3936), (1142, 4050),

Gene: Celeste_6 Start: 2378, Stop: 4024, Start Num: 73
Candidate Starts for Celeste_6:
(Start: 73 @2378 has 95 MA's), (Start: 86 @2396 has 10 MA's), (283, 2600), (300, 2636), (400, 2816), (413, 2837), (437, 2882), (458, 2924), (497, 2996), (510, 3020), (556, 3119), (565, 3134), (580, 3158), (581, 3164), (673, 3332), (800, 3482), (811, 3503), (817, 3515), (869, 3593), (959, 3701), (985, 3740), (1001, 3761), (1003, 3767), (1010, 3785), (1142, 3941),

Gene: Celestialunch_11 Start: 6214, Stop: 8004, Start Num: 96
Candidate Starts for Celestialunch_11:
(Start: 96 @6214 has 243 MA's), (Start: 114 @6229 has 11 MA's), (200, 6346), (250, 6445), (253, 6451), (339, 6607), (381, 6679), (411, 6733), (432, 6772), (469, 6844), (510, 6934), (518, 6958), (583, 7087), (584, 7090), (659, 7273), (717, 7369), (775, 7429), (852, 7552), (862, 7567), (869, 7579), (916, 7627), (954, 7681), (979, 7711), (985, 7723), (1072, 7816), (1083, 7831), (1168, 7960), (1191, 7987), (1193, 7990),

Gene: Celia_6 Start: 2655, Stop: 4316, Start Num: 73
Candidate Starts for Celia_6:
(Start: 73 @2655 has 95 MA's), (237, 2838), (267, 2874), (365, 3045), (400, 3108), (432, 3165), (458, 3216), (497, 3288), (510, 3312), (521, 3345), (540, 3381), (556, 3411), (570, 3432), (605, 3525), (638, 3564), (648, 3588), (673, 3624), (719, 3684), (800, 3774), (811, 3795), (825, 3816), (904, 3915), (985, 4032), (1010, 4077),

Gene: Cen1621_2 Start: 604, Stop: 2328, Start Num: 93
Candidate Starts for Cen1621_2:

(Start: 93 @604 has 92 MA's), (300, 841), (354, 943), (365, 964), (373, 976), (400, 1027), (411, 1045), (482, 1195), (800, 1744), (852, 1828), (862, 1843), (901, 1882), (959, 1963), (985, 1999), (997, 2014), (1024, 2068), (1105, 2179), (1142, 2239), (1150, 2251),

Gene: Centaur_14 Start: 7923, Stop: 9710, Start Num: 96
Candidate Starts for Centaur_14:
(23, 7737), (50, 7839), (Start: 96 @7923 has 243 MA's), (179, 8031), (193, 8052), (250, 8160), (381, 8391), (408, 8442), (411, 8445), (469, 8553), (510, 8643), (518, 8667), (584, 8799), (800, 9186), (901, 9312), (916, 9333), (979, 9417), (985, 9429), (1168, 9666), (1191, 9693), (1193, 9696), (1196, 9699), (1199, 9702),

Gene: CentreCat_11 Start: 6885, Stop: 8582, Start Num: 95
Candidate Starts for CentreCat_11:
(Start: 95 @6885 has 435 MA's), (Start: 122 @6909 has 1 MA's), (Start: 207 @7032 has 2 MA's), (293, 7122), (311, 7155), (362, 7254), (408, 7338), (411, 7341), (432, 7380), (469, 7449), (479, 7473), (510, 7539), (550, 7629), (620, 7794), (661, 7881), (685, 7914), (740, 7980), (798, 8052), (800, 8055), (812, 8079), (852, 8130), (862, 8145), (901, 8184), (916, 8205), (985, 8301), (1168, 8538), (1193, 8568), (1196, 8571),

Gene: Cerulean_11 Start: 6862, Stop: 8559, Start Num: 95
Candidate Starts for Cerulean_11:
(Start: 95 @6862 has 435 MA's), (Start: 122 @6886 has 1 MA's), (Start: 207 @7009 has 2 MA's), (293, 7099), (311, 7132), (408, 7315), (411, 7318), (432, 7357), (469, 7426), (479, 7450), (510, 7516), (550, 7606), (620, 7771), (661, 7858), (685, 7891), (740, 7957), (798, 8029), (800, 8032), (812, 8056), (852, 8107), (862, 8122), (901, 8161), (916, 8182), (985, 8278), (1168, 8515), (1193, 8545), (1196, 8548),

Gene: Chadwick_10 Start: 5983, Stop: 7734, Start Num: 63
Candidate Starts for Chadwick_10:
(Start: 52 @5956 has 23 MA's), (Start: 63 @5983 has 32 MA's), (Start: 105 @6043 has 1 MA's), (112, 6052), (139, 6091), (200, 6172), (300, 6304), (339, 6379), (341, 6382), (439, 6556), (510, 6688), (526, 6733), (565, 6811), (570, 6817), (632, 6982), (647, 7015), (661, 7036), (800, 7210), (812, 7234), (901, 7336), (916, 7357), (954, 7411), (979, 7441), (985, 7453), (1014, 7507), (1167, 7687), (1168, 7690), (1196, 7723), (1202, 7729),

Gene: ChampagnePapi_11 Start: 6861, Stop: 8558, Start Num: 95
Candidate Starts for ChampagnePapi_11:
(Start: 95 @6861 has 435 MA's), (Start: 122 @6885 has 1 MA's), (Start: 207 @7008 has 2 MA's), (293, 7098), (311, 7131), (408, 7314), (411, 7317), (432, 7356), (469, 7425), (479, 7449), (510, 7515), (550, 7605), (620, 7770), (661, 7857), (685, 7890), (740, 7956), (798, 8028), (800, 8031), (812, 8055), (852, 8106), (862, 8121), (901, 8160), (916, 8181), (985, 8277), (1168, 8514), (1193, 8544), (1196, 8547),

Gene: Chanagan_10 Start: 6588, Stop: 8276, Start Num: 95
Candidate Starts for Chanagan_10:
(Start: 95 @6588 has 435 MA's), (Start: 258 @6768 has 2 MA's), (311, 6852), (327, 6888), (339, 6915), (411, 7038), (430, 7071), (469, 7146), (510, 7236), (518, 7260), (534, 7287), (553, 7335), (591, 7404), (615, 7479), (620, 7491), (644, 7551), (813, 7776), (819, 7785), (832, 7797), (862, 7839), (882, 7860), (908, 7887), (985, 7995), (1070, 8085), (1139, 8190),

Gene: Changeling_15 Start: 9284, Stop: 11071, Start Num: 96
Candidate Starts for Changeling_15:
(25, 9110), (50, 9200), (Start: 96 @9284 has 243 MA's), (179, 9392), (193, 9413), (250, 9521), (262, 9545), (283, 9572), (300, 9608), (408, 9803), (411, 9806), (432, 9845), (469, 9914), (510, 10004), (518, 10028), (584, 10160), (800, 10547), (869, 10646), (901, 10673), (916, 10694), (979, 10778), (985,

10790), (1168, 11027), (1191, 11054), (1193, 11057), (1196, 11060), (1199, 11063),

Gene: Chaph_11 Start: 6893, Stop: 8590, Start Num: 95
Candidate Starts for Chaph_11:
(Start: 95 @6893 has 435 MA's), (Start: 122 @6917 has 1 MA's), (Start: 207 @7040 has 2 MA's), (293, 7130), (311, 7163), (362, 7262), (408, 7346), (411, 7349), (432, 7388), (469, 7457), (479, 7481), (510, 7547), (550, 7637), (620, 7802), (661, 7889), (685, 7922), (740, 7988), (798, 8060), (800, 8063), (812, 8087), (852, 8138), (862, 8153), (901, 8192), (916, 8213), (985, 8309), (1168, 8546), (1193, 8576), (1196, 8579),

Gene: Charbie_3 Start: 1062, Stop: 2522, Start Num: 149
Candidate Starts for Charbie_3:
(Start: 149 @1062 has 162 MA's), (Start: 154 @1068 has 4 MA's), (Start: 272 @1230 has 48 MA's), (278, 1239), (315, 1299), (348, 1368), (366, 1389), (394, 1440), (520, 1644), (642, 1857), (649, 1872), (674, 1908), (703, 1950), (739, 1983), (765, 2001), (834, 2121), (835, 2124), (848, 2136), (905, 2211), (944, 2274), (958, 2292), (960, 2295), (1098, 2457), (1104, 2466), (1110, 2475), (1135, 2514),

Gene: Chargerpower_12 Start: 6588, Stop: 8372, Start Num: 96
Candidate Starts for Chargerpower_12:
(Start: 96 @6588 has 243 MA's), (Start: 182 @6696 has 15 MA's), (200, 6720), (226, 6774), (231, 6786), (235, 6795), (250, 6819), (327, 6954), (381, 7050), (408, 7101), (411, 7104), (469, 7215), (479, 7239), (510, 7305), (518, 7329), (550, 7395), (570, 7428), (580, 7446), (584, 7461), (622, 7569), (685, 7680), (852, 7920), (862, 7935), (869, 7947), (901, 7974), (985, 8091), (1168, 8328), (1191, 8355), (1193, 8358),

Gene: Charm_12 Start: 6308, Stop: 8080, Start Num: 114
Candidate Starts for Charm_12:
(Start: 96 @6296 has 243 MA's), (Start: 114 @6308 has 11 MA's), (200, 6425), (250, 6524), (333, 6674), (339, 6686), (381, 6758), (411, 6812), (432, 6851), (469, 6923), (505, 6995), (510, 7013), (518, 7037), (580, 7154), (584, 7169), (622, 7277), (659, 7352), (717, 7448), (817, 7589), (852, 7628), (901, 7682), (904, 7685), (916, 7703), (954, 7757), (979, 7787), (985, 7799), (1070, 7889), (1083, 7907), (1168, 8036), (1191, 8063), (1193, 8066),

Gene: Chartreuse_15 Start: 7480, Stop: 9234, Start Num: 96
Candidate Starts for Chartreuse_15:
(Start: 96 @7480 has 243 MA's), (250, 7711), (283, 7762), (300, 7798), (339, 7873), (411, 7996), (432, 8035), (469, 8104), (479, 8128), (480, 8131), (510, 8194), (518, 8218), (570, 8317), (571, 8320), (583, 8347), (584, 8350), (740, 8635), (806, 8722), (812, 8734), (862, 8797), (901, 8836), (916, 8857), (979, 8941), (985, 8953), (1168, 9190), (1191, 9217), (1193, 9220),

Gene: Chaser_4 Start: 816, Stop: 2378, Start Num: 93
Candidate Starts for Chaser_4:
(Start: 93 @816 has 92 MA's), (Start: 99 @822 has 9 MA's), (228, 972), (Start: 268 @1038 has 4 MA's), (302, 1068), (313, 1092), (319, 1104), (338, 1149), (422, 1275), (498, 1413), (516, 1458), (558, 1533), (591, 1581), (643, 1659), (653, 1680), (671, 1704), (676, 1710), (694, 1740), (699, 1746), (729, 1782), (776, 1839), (790, 1872), (862, 1977), (867, 1986), (889, 2010), (912, 2031), (962, 2097), (1024, 2199), (1140, 2319), (1143, 2325), (1158, 2346), (1181, 2370),

Gene: Chatham_3 Start: 1074, Stop: 2534, Start Num: 149
Candidate Starts for Chatham_3:
(Start: 149 @1074 has 162 MA's), (Start: 154 @1080 has 4 MA's), (Start: 272 @1242 has 48 MA's), (278, 1251), (315, 1311), (348, 1380), (366, 1401), (394, 1452), (520, 1656), (642, 1869), (649, 1884), (674, 1920), (703, 1962), (739, 1995), (765, 2013), (834, 2133), (835, 2136), (848, 2148), (905, 2223),

(944, 2286), (958, 2304), (960, 2307), (1098, 2469), (1104, 2478), (1110, 2487), (1135, 2526),

Gene: Che12_13 Start: 6255, Stop: 8039, Start Num: 96
Candidate Starts for Che12_13:
(Start: 96 @6255 has 243 MA's), (250, 6486), (300, 6573), (386, 6726), (408, 6768), (411, 6771), (469, 6882), (479, 6906), (480, 6909), (510, 6972), (518, 6996), (901, 7641), (916, 7662), (979, 7746), (985, 7758), (1083, 7866), (1168, 7995), (1191, 8022), (1193, 8025),

Gene: Che8_2 Start: 571, Stop: 2208, Start Num: 111
Candidate Starts for Che8_2:
(Start: 111 @571 has 202 MA's), (Start: 118 @580 has 1 MA's), (Start: 129 @595 has 79 MA's), (Start: 158 @628 has 2 MA's), (Start: 185 @652 has 2 MA's), (188, 655), (224, 718), (244, 757), (312, 844), (352, 904), (377, 928), (381, 937), (383, 940), (392, 961), (404, 982), (415, 997), (440, 1054), (461, 1093), (502, 1162), (505, 1168), (514, 1198), (515, 1201), (518, 1210), (523, 1225), (534, 1243), (557, 1294), (584, 1345), (601, 1387), (604, 1396), (711, 1567), (726, 1579), (748, 1597), (800, 1663), (816, 1693), (818, 1696), (820, 1699), (869, 1756), (884, 1771), (889, 1777), (893, 1780), (901, 1795), (908, 1804), (957, 1873), (982, 1903), (1006, 1945), (1014, 1963), (1024, 1978), (1069, 2005), (1094, 2038), (1114, 2068), (1127, 2089), (1139, 2113), (1142, 2122), (1145, 2125), (1184, 2182),

Gene: Cheesecake_3 Start: 1086, Stop: 2546, Start Num: 149
Candidate Starts for Cheesecake_3:
(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (642, 1881), (649, 1896), (674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: Cheesepuff_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for Cheesepuff_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (Start: 158 @629 has 2 MA's), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (244, 758), (312, 845), (352, 905), (369, 917), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (601, 1388), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1024, 1979), (1069, 2006), (1094, 2039), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183), (1189, 2189),

Gene: Cheesy_8 Start: 3847, Stop: 5601, Start Num: 187
Candidate Starts for Cheesy_8:
(151, 3793), (Start: 183 @3841 has 2 MA's), (Start: 187 @3847 has 203 MA's), (252, 3940), (254, 3946), (395, 4213), (413, 4243), (427, 4273), (444, 4321), (451, 4339), (454, 4342), (476, 4384), (530, 4513), (604, 4699), (644, 4798), (685, 4870), (726, 4927), (771, 5005), (778, 5017), (868, 5131), (876, 5149), (914, 5194), (929, 5218), (931, 5221), (954, 5260), (1051, 5401), (1069, 5446), (1071, 5449), (1080, 5461), (1114, 5509), (1133, 5542), (1136, 5551), (1139, 5554),

Gene: ChengKai98_4 Start: 1069, Stop: 2637, Start Num: 93
Candidate Starts for ChengKai98_4:
(Start: 93 @1069 has 92 MA's), (Start: 99 @1075 has 9 MA's), (228, 1231), (419, 1528), (422, 1534), (450, 1594), (494, 1666), (498, 1672), (558, 1792), (591, 1840), (632, 1894), (643, 1918), (671, 1963), (676, 1969), (694, 1999), (699, 2005), (722, 2032), (729, 2041), (776, 2098), (779, 2104), (789, 2125), (790, 2131), (838, 2206), (845, 2209), (867, 2245), (912, 2290), (962, 2356), (1008, 2431), (1018, 2449), (1024, 2458), (1158, 2605), (1181, 2629), (1183, 2632),

Gene: CherryBlossom_8 Start: 3163, Stop: 4908, Start Num: 187
Candidate Starts for CherryBlossom_8:
(Start: 187 @3163 has 203 MA's), (229, 3217), (231, 3220), (252, 3256), (254, 3262), (380, 3496), (430, 3595), (444, 3637), (454, 3658), (476, 3700), (480, 3712), (522, 3811), (530, 3829), (545, 3865), (634, 4090), (644, 4114), (647, 4120), (726, 4243), (771, 4312), (863, 4429), (866, 4435), (876, 4456), (929, 4525), (931, 4528), (962, 4579), (1012, 4666), (1059, 4732), (1069, 4753), (1071, 4756), (1080, 4768), (1094, 4786), (1136, 4858), (1139, 4861),

Gene: CherryonLim_5 Start: 1648, Stop: 3324, Start Num: 143
Candidate Starts for CherryonLim_5:
(Start: 143 @1648 has 83 MA's), (Start: 191 @1699 has 2 MA's), (205, 1720), (254, 1765), (300, 1843), (334, 1909), (373, 1972), (386, 2005), (405, 2041), (411, 2050), (413, 2053), (430, 2086), (434, 2101), (440, 2119), (482, 2200), (497, 2221), (514, 2257), (521, 2278), (540, 2314), (574, 2380), (598, 2434), (678, 2614), (697, 2647), (776, 2713), (778, 2716), (803, 2779), (806, 2785), (929, 2950), (954, 2983), (1003, 3052), (1081, 3130), (1083, 3133), (1141, 3223), (1145, 3229), (1165, 3250), (1213, 3310), (1214, 3313),

Gene: Chestnut_4 Start: 800, Stop: 2290, Start Num: 146
Candidate Starts for Chestnut_4:
(Start: 146 @800 has 40 MA's), (181, 845), (255, 947), (267, 965), (274, 974), (313, 1025), (315, 1028), (319, 1037), (330, 1067), (345, 1094), (415, 1193), (474, 1292), (486, 1316), (488, 1319), (491, 1322), (513, 1367), (650, 1601), (692, 1649), (694, 1661), (728, 1700), (748, 1718), (768, 1730), (770, 1733), (781, 1754), (785, 1760), (789, 1772), (838, 1850), (874, 1904), (930, 1958), (940, 1970), (970, 2015), (1005, 2063), (1081, 2147), (1125, 2204), (1175, 2273),

Gene: Chevrolet_2 Start: 573, Stop: 2210, Start Num: 111
Candidate Starts for Chevrolet_2:
(Start: 111 @573 has 202 MA's), (Start: 118 @582 has 1 MA's), (Start: 129 @597 has 79 MA's), (147, 618), (Start: 158 @630 has 2 MA's), (Start: 185 @654 has 2 MA's), (188, 657), (224, 720), (244, 759), (312, 846), (352, 906), (369, 918), (377, 930), (381, 939), (383, 942), (392, 963), (404, 984), (415, 999), (440, 1056), (461, 1095), (502, 1164), (505, 1170), (514, 1200), (515, 1203), (518, 1212), (523, 1227), (534, 1245), (557, 1296), (601, 1389), (604, 1398), (711, 1569), (726, 1581), (800, 1665), (816, 1695), (818, 1698), (820, 1701), (869, 1758), (884, 1773), (889, 1779), (893, 1782), (901, 1797), (908, 1806), (957, 1875), (982, 1905), (988, 1914), (1006, 1947), (1024, 1980), (1069, 2007), (1094, 2040), (1107, 2061), (1112, 2067), (1114, 2070), (1127, 2091), (1139, 2115), (1142, 2124), (1145, 2127), (1184, 2184),

Gene: ChewChew_2 Start: 426, Stop: 1991, Start Num: 129
Candidate Starts for ChewChew_2:
(Start: 129 @426 has 79 MA's), (211, 549), (248, 603), (Start: 268 @636 has 4 MA's), (Start: 272 @639 has 48 MA's), (313, 690), (330, 732), (338, 747), (342, 756), (364, 780), (452, 942), (521, 1077), (532, 1098), (548, 1137), (625, 1236), (637, 1266), (642, 1281), (661, 1314), (692, 1362), (694, 1371), (768, 1449), (787, 1485), (804, 1524), (838, 1566), (861, 1593), (912, 1647), (939, 1689), (1001, 1734), (1008, 1755), (1022, 1779), (1095, 1857),

Gene: ChewyVIII_38 Start: 19903, Stop: 21543, Start Num: 136
Candidate Starts for ChewyVIII_38:
(116, 19873), (Start: 126 @19882 has 2 MA's), (Start: 136 @19903 has 1 MA's), (Start: 158 @19930 has 2 MA's), (200, 19975), (205, 19984), (275, 20107), (281, 20113), (298, 20140), (324, 20185), (349, 20224), (378, 20257), (381, 20263), (481, 20461), (514, 20524), (565, 20635), (589, 20680), (604, 20719), (646, 20806), (675, 20848), (786, 20974), (870, 21118), (922, 21187), (926, 21193), (988, 21262), (1013, 21310), (1085, 21367), (1157, 21478), (1165, 21487), (1189, 21523),

Gene: Chickaboom_2 Start: 410, Stop: 1990, Start Num: 182
Candidate Starts for Chickaboom_2:
(Start: 120 @320 has 11 MA's), (Start: 134 @344 has 16 MA's), (Start: 182 @410 has 15 MA's), (Start: 246 @506 has 12 MA's), (252, 515), (319, 608), (334, 647), (342, 662), (521, 959), (526, 971), (531, 977), (548, 1019), (559, 1040), (581, 1100), (593, 1130), (599, 1139), (628, 1202), (780, 1418), (787, 1430), (829, 1496), (838, 1511), (862, 1541), (903, 1580), (909, 1589), (915, 1598), (982, 1688), (1125, 1898), (1190, 1979),

Gene: Chicken_3 Start: 749, Stop: 2329, Start Num: 182
Candidate Starts for Chicken_3:
(Start: 134 @689 has 16 MA's), (Start: 182 @749 has 15 MA's), (Start: 246 @845 has 12 MA's), (252, 854), (255, 863), (Start: 272 @884 has 48 MA's), (313, 935), (334, 986), (342, 1001), (378, 1046), (505, 1247), (521, 1298), (534, 1322), (548, 1358), (559, 1379), (581, 1439), (593, 1469), (599, 1478), (628, 1541), (778, 1751), (787, 1769), (829, 1835), (834, 1841), (838, 1850), (862, 1880), (903, 1919), (956, 1997), (993, 2042), (1002, 2054), (1072, 2168), (1125, 2237), (1129, 2243), (1134, 2255), (1144, 2264), (1190, 2318),

Gene: ChickenTender_6 Start: 1161, Stop: 2840, Start Num: 143
Candidate Starts for ChickenTender_6:
(Start: 143 @1161 has 83 MA's), (Start: 191 @1212 has 2 MA's), (205, 1233), (Start: 207 @1236 has 2 MA's), (254, 1278), (300, 1359), (334, 1425), (339, 1434), (378, 1506), (386, 1521), (405, 1557), (411, 1566), (434, 1617), (482, 1716), (513, 1770), (532, 1806), (598, 1950), (609, 1986), (623, 2025), (635, 2058), (661, 2106), (685, 2139), (697, 2163), (738, 2196), (776, 2229), (798, 2286), (803, 2295), (859, 2379), (882, 2406), (929, 2466), (1001, 2562), (1072, 2634), (1081, 2646), (1165, 2766), (1213, 2826), (1214, 2829),

Gene: ChickyNuggy_14 Start: 7311, Stop: 8957, Start Num: 254
Candidate Starts for ChickyNuggy_14:
(Start: 187 @7212 has 203 MA's), (195, 7218), (252, 7305), (254, 7311), (274, 7347), (302, 7401), (353, 7497), (444, 7686), (451, 7704), (454, 7707), (492, 7776), (530, 7878), (545, 7914), (555, 7935), (570, 7959), (588, 8016), (604, 8064), (630, 8130), (644, 8163), (647, 8169), (665, 8199), (680, 8220), (726, 8292), (868, 8487), (916, 8553), (929, 8574), (931, 8577), (968, 8637), (1045, 8748), (1060, 8784), (1071, 8805), (1080, 8817), (1112, 8862), (1114, 8865), (1136, 8907), (1139, 8910),

Gene: Chikenjars_17 Start: 10501, Stop: 12246, Start Num: 187
Candidate Starts for Chikenjars_17:
(Start: 187 @10501 has 203 MA's), (195, 10507), (252, 10594), (254, 10600), (274, 10636), (302, 10690), (309, 10696), (361, 10792), (395, 10867), (444, 10975), (454, 10996), (492, 11065), (530, 11167), (555, 11224), (578, 11281), (582, 11293), (604, 11353), (644, 11452), (647, 11458), (682, 11515), (726, 11581), (863, 11767), (868, 11776), (899, 11818), (916, 11842), (929, 11863), (931, 11866), (1069, 12091), (1071, 12094), (1080, 12106), (1136, 12196), (1139, 12199),

Gene: ChiliPepper_3 Start: 944, Stop: 2563, Start Num: 171
Candidate Starts for ChiliPepper_3:
(4, 410), (Start: 169 @938 has 6 MA's), (Start: 171 @944 has 84 MA's), (278, 1100), (333, 1190), (342, 1208), (360, 1223), (398, 1292), (413, 1313), (415, 1316), (425, 1334), (464, 1391), (498, 1442), (500, 1445), (521, 1505), (532, 1526), (542, 1553), (558, 1583), (753, 1922), (837, 2045), (1064, 2360), (1095, 2399), (1187, 2516),

Gene: ChipMunk_14 Start: 7824, Stop: 9611, Start Num: 96
Candidate Starts for ChipMunk_14:
(Start: 96 @7824 has 243 MA's), (179, 7932), (193, 7953), (250, 8061), (300, 8148), (381, 8292), (408, 8343), (411, 8346), (469, 8454), (510, 8544), (518, 8568), (580, 8685), (584, 8700), (733, 9000), (869,

9186), (901, 9213), (916, 9234), (985, 9330), (1168, 9567), (1193, 9597),

Gene: Chiqui_10 Start: 6717, Stop: 8414, Start Num: 95
Candidate Starts for Chiqui_10:
(Start: 95 @6717 has 435 MA's), (152, 6789), (311, 6987), (339, 7050), (403, 7161), (411, 7173), (432, 7212), (438, 7224), (469, 7281), (479, 7305), (510, 7371), (513, 7380), (550, 7461), (565, 7488), (620, 7626), (647, 7692), (661, 7713), (685, 7746), (740, 7812), (800, 7887), (812, 7911), (813, 7914), (817, 7920), (825, 7929), (862, 7977), (901, 8016), (916, 8037), (985, 8133), (1010, 8178), (1014, 8187), (1145, 8340), (1168, 8370), (1193, 8400), (1196, 8403),

Gene: Chlochlo_7 Start: 3522, Stop: 5264, Start Num: 187
Candidate Starts for Chlochlo_7:
(Start: 183 @3516 has 2 MA's), (Start: 187 @3522 has 203 MA's), (254, 3621), (322, 3741), (376, 3840), (413, 3912), (444, 3990), (454, 4011), (506, 4113), (530, 4182), (543, 4215), (604, 4368), (634, 4443), (644, 4467), (704, 4572), (726, 4596), (778, 4677), (868, 4794), (876, 4812), (879, 4818), (916, 4860), (929, 4881), (931, 4884), (1051, 5064), (1059, 5088), (1071, 5112), (1080, 5124), (1094, 5142), (1136, 5214), (1139, 5217),

Gene: ChocoMunchkin_4 Start: 1120, Stop: 2799, Start Num: 143
Candidate Starts for ChocoMunchkin_4:
(Start: 143 @1120 has 83 MA's), (Start: 191 @1171 has 2 MA's), (205, 1192), (Start: 207 @1195 has 2 MA's), (254, 1237), (295, 1303), (326, 1363), (334, 1384), (339, 1393), (386, 1480), (405, 1516), (411, 1525), (434, 1576), (482, 1675), (513, 1729), (532, 1765), (598, 1909), (609, 1945), (623, 1984), (704, 2131), (738, 2155), (803, 2254), (859, 2338), (929, 2425), (1001, 2521), (1047, 2569), (1072, 2593), (1110, 2644), (1165, 2725), (1213, 2785), (1214, 2788),

Gene: Cholula_5 Start: 3127, Stop: 4692, Start Num: 129
Candidate Starts for Cholula_5:
(Start: 129 @3127 has 79 MA's), (Start: 268 @3337 has 4 MA's), (313, 3391), (342, 3457), (364, 3481), (485, 3697), (496, 3712), (500, 3718), (521, 3778), (548, 3838), (625, 3937), (637, 3967), (642, 3982), (692, 4063), (764, 4141), (768, 4150), (787, 4186), (804, 4225), (834, 4258), (838, 4267), (861, 4294), (912, 4348), (939, 4390), (1001, 4435), (1008, 4456), (1095, 4558), (1192, 4678),

Gene: ChosenOne_7 Start: 1729, Stop: 3399, Start Num: 272
Candidate Starts for ChosenOne_7:
(Start: 208 @1603 has 1 MA's), (Start: 246 @1681 has 12 MA's), (Start: 272 @1729 has 48 MA's), (309, 1792), (435, 2026), (487, 2128), (570, 2308), (576, 2332), (585, 2350), (595, 2362), (616, 2425), (621, 2437), (642, 2482), (649, 2497), (700, 2575), (728, 2620), (759, 2674), (760, 2680), (814, 2794), (841, 2842), (910, 2938), (922, 2959), (933, 2974), (1014, 3127), (1022, 3139), (1065, 3196), (1091, 3232), (1124, 3283), (1142, 3319), (1145, 3322), (1193, 3388),

Gene: ChotaBhai_8 Start: 1963, Stop: 3633, Start Num: 269
Candidate Starts for ChotaBhai_8:
(Start: 269 @1963 has 11 MA's), (435, 2260), (487, 2362), (570, 2542), (576, 2566), (585, 2584), (595, 2596), (616, 2659), (621, 2671), (642, 2716), (649, 2731), (700, 2809), (728, 2854), (759, 2908), (760, 2914), (814, 3028), (841, 3076), (910, 3172), (933, 3208), (1014, 3361), (1022, 3373), (1065, 3430), (1091, 3466), (1124, 3517), (1142, 3553), (1145, 3556), (1193, 3622),

Gene: Chridison_2 Start: 429, Stop: 1994, Start Num: 129
Candidate Starts for Chridison_2:
(Start: 129 @429 has 79 MA's), (Start: 245 @600 has 2 MA's), (313, 693), (338, 750), (342, 759), (364, 783), (394, 837), (464, 966), (496, 1014), (521, 1080), (548, 1140), (564, 1170), (637, 1269), (642, 1284), (768, 1452), (804, 1527), (834, 1560), (907, 1644), (939, 1692), (983, 1716), (1054, 1806),

(1095, 1860), (1151, 1941), (1192, 1980),

Gene: Christian_2 Start: 426, Stop: 1991, Start Num: 129
Candidate Starts for Christian_2:
(Start: 129 @426 has 79 MA's), (211, 549), (Start: 268 @636 has 4 MA's), (Start: 272 @639 has 48 MA's), (313, 690), (330, 732), (342, 756), (364, 780), (452, 942), (521, 1077), (532, 1098), (548, 1137), (625, 1236), (637, 1266), (642, 1281), (661, 1314), (692, 1362), (694, 1371), (768, 1449), (787, 1485), (804, 1524), (834, 1557), (838, 1566), (861, 1593), (912, 1647), (939, 1689), (982, 1710), (1001, 1734), (1008, 1755), (1022, 1779), (1095, 1857),

Gene: ChristmasHams_11 Start: 7055, Stop: 8743, Start Num: 95
Candidate Starts for ChristmasHams_11:
(Start: 95 @7055 has 435 MA's), (311, 7319), (323, 7343), (411, 7505), (430, 7538), (469, 7613), (510, 7703), (518, 7727), (534, 7754), (553, 7802), (620, 7958), (644, 8018), (813, 8243), (819, 8252), (832, 8264), (862, 8306), (882, 8327), (908, 8354), (985, 8462), (1070, 8552), (1139, 8657),

Gene: ChuckDuck_2 Start: 625, Stop: 2373, Start Num: 201
Candidate Starts for ChuckDuck_2:
(164, 574), (180, 601), (Start: 201 @625 has 43 MA's), (266, 718), (284, 742), (340, 859), (344, 865), (364, 898), (366, 901), (377, 919), (397, 961), (406, 979), (437, 1039), (447, 1063), (456, 1075), (476, 1114), (487, 1135), (506, 1168), (526, 1222), (539, 1255), (541, 1261), (596, 1363), (614, 1420), (620, 1435), (641, 1474), (700, 1570), (802, 1747), (810, 1762), (824, 1786), (942, 1969), (959, 1996), (973, 2020), (980, 2038), (994, 2068), (1023, 2125), (1042, 2152), (1066, 2176), (1073, 2185), (1086, 2203), (1142, 2290),

Gene: Chuckly_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Chuckly_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Chucky_6 Start: 2377, Stop: 4023, Start Num: 73
Candidate Starts for Chucky_6:
(Start: 73 @2377 has 95 MA's), (Start: 86 @2395 has 10 MA's), (Start: 207 @2527 has 2 MA's), (283, 2599), (300, 2635), (400, 2815), (413, 2836), (437, 2881), (458, 2923), (497, 2995), (510, 3019), (556, 3118), (565, 3133), (580, 3157), (581, 3163), (673, 3331), (800, 3481), (811, 3502), (852, 3565), (869, 3592), (959, 3700), (985, 3739), (1001, 3760), (1003, 3766), (1010, 3784), (1105, 3880), (1142, 3940), (1204, 4018),

Gene: Chupacabra_11 Start: 6706, Stop: 8379, Start Num: 95
Candidate Starts for Chupacabra_11:
(Start: 95 @6706 has 435 MA's), (Start: 207 @6835 has 2 MA's), (267, 6901), (311, 6967), (330, 7012), (362, 7066), (386, 7108), (411, 7153), (432, 7192), (458, 7240), (469, 7261), (479, 7285), (510, 7336), (570, 7459), (580, 7477), (598, 7528), (626, 7606), (650, 7666), (685, 7711), (740, 7777), (798, 7849), (800, 7852), (812, 7876), (862, 7942), (901, 7981), (904, 7984), (916, 8002), (985, 8098), (1024, 8167), (1168, 8335), (1193, 8365), (1196, 8368),

Gene: ChutneyChips_4 Start: 816, Stop: 2378, Start Num: 93
Candidate Starts for ChutneyChips_4:
(Start: 93 @816 has 92 MA's), (Start: 99 @822 has 9 MA's), (228, 972), (Start: 268 @1038 has 4 MA's), (302, 1068), (313, 1092), (319, 1104), (422, 1275), (498, 1413), (516, 1458), (558, 1533), (591, 1581), (637, 1644), (643, 1659), (653, 1680), (671, 1704), (676, 1710), (694, 1740), (699, 1746), (729, 1782), (776, 1839), (790, 1872), (862, 1977), (867, 1986), (889, 2010), (912, 2031), (962, 2097), (1024, 2199), (1140, 2319), (1143, 2325), (1158, 2346), (1181, 2370),

Gene: Chymera_2 Start: 579, Stop: 2390, Start Num: 213
Candidate Starts for Chymera_2:
(Start: 213 @579 has 1 MA's), (247, 651), (249, 654), (346, 843), (349, 846), (414, 954), (438, 1005), (487, 1098), (526, 1191), (573, 1290), (583, 1326), (621, 1434), (654, 1515), (760, 1698), (766, 1713), (814, 1812), (849, 1860), (861, 1878), (1002, 2094), (1003, 2097), (1014, 2124), (1020, 2136), (1027, 2148), (1073, 2205), (1166, 2346), (1192, 2379),

Gene: Ciao_11 Start: 6974, Stop: 8662, Start Num: 95
Candidate Starts for Ciao_11:
(Start: 95 @6974 has 435 MA's), (Start: 258 @7154 has 2 MA's), (311, 7238), (327, 7274), (339, 7301), (394, 7397), (411, 7424), (430, 7457), (469, 7532), (510, 7622), (518, 7646), (553, 7721), (591, 7790), (620, 7877), (644, 7937), (819, 8171), (832, 8183), (862, 8225), (882, 8246), (908, 8273), (985, 8381), (1070, 8471), (1139, 8576),

Gene: CicholasNage_4 Start: 1059, Stop: 2636, Start Num: 99
Candidate Starts for CicholasNage_4:
(Start: 93 @1053 has 92 MA's), (Start: 99 @1059 has 9 MA's), (238, 1230), (304, 1317), (313, 1335), (316, 1341), (330, 1377), (420, 1515), (422, 1518), (464, 1593), (494, 1647), (496, 1650), (498, 1653), (591, 1821), (632, 1875), (637, 1884), (643, 1899), (653, 1920), (685, 1959), (694, 1980), (699, 1986), (722, 2013), (759, 2055), (776, 2079), (786, 2097), (789, 2106), (790, 2112), (804, 2145), (834, 2178), (862, 2217), (865, 2223), (867, 2226), (912, 2271), (962, 2337), (999, 2388), (1005, 2403), (1008, 2412), (1016, 2427), (1018, 2430), (1125, 2532), (1140, 2559), (1181, 2610), (1183, 2613),

Gene: Cici_11 Start: 6881, Stop: 8578, Start Num: 95
Candidate Starts for Cici_11:
(Start: 95 @6881 has 435 MA's), (Start: 122 @6905 has 1 MA's), (311, 7151), (365, 7256), (408, 7334), (411, 7337), (432, 7376), (469, 7445), (479, 7469), (510, 7535), (550, 7625), (620, 7790), (638, 7835), (661, 7877), (685, 7910), (740, 7976), (798, 8048), (800, 8051), (812, 8075), (862, 8141), (901, 8180), (916, 8201), (985, 8297), (1167, 8531), (1168, 8534), (1193, 8564), (1196, 8567),

Gene: Ciel_3 Start: 1086, Stop: 2546, Start Num: 149
Candidate Starts for Ciel_3:
(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (642, 1881), (649, 1896), (674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: Cindaradix_10 Start: 6590, Stop: 8287, Start Num: 95
Candidate Starts for Cindaradix_10:
(Start: 95 @6590 has 435 MA's), (Start: 122 @6614 has 1 MA's), (311, 6860), (408, 7043), (411, 7046), (432, 7085), (469, 7154), (479, 7178), (510, 7244), (513, 7253), (550, 7334), (570, 7367), (619, 7496), (620, 7499), (638, 7544), (661, 7586), (685, 7619), (800, 7760), (812, 7784), (813, 7787), (862, 7850), (901, 7889), (916, 7910), (985, 8006), (1024, 8075), (1083, 8114), (1167, 8240), (1168, 8243), (1193, 8273), (1196, 8276),

Gene: Cintron_11 Start: 6929, Stop: 8626, Start Num: 95
Candidate Starts for Cintron_11:
(Start: 95 @6929 has 435 MA's), (Start: 122 @6953 has 1 MA's), (Start: 207 @7076 has 2 MA's), (293, 7166), (311, 7199), (362, 7298), (408, 7382), (411, 7385), (432, 7424), (469, 7493), (479, 7517), (510, 7583), (550, 7673), (620, 7838), (661, 7925), (685, 7958), (798, 8096), (800, 8099), (812, 8123), (862, 8189), (901, 8228), (916, 8249), (985, 8345), (1167, 8579), (1168, 8582), (1193, 8612), (1196, 8615),

Gene: Circum_8 Start: 3847, Stop: 5601, Start Num: 187
Candidate Starts for Circum_8:
(151, 3793), (Start: 183 @3841 has 2 MA's), (Start: 187 @3847 has 203 MA's), (252, 3940), (254, 3946), (361, 4138), (395, 4213), (413, 4243), (427, 4273), (444, 4321), (454, 4342), (530, 4513), (604, 4699), (644, 4798), (685, 4870), (726, 4927), (771, 5005), (778, 5017), (868, 5131), (876, 5149), (914, 5194), (929, 5218), (931, 5221), (954, 5260), (1051, 5401), (1069, 5446), (1071, 5449), (1080, 5461), (1114, 5509), (1133, 5542), (1136, 5551), (1139, 5554),

Gene: Citius_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Citius_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Citrus_16 Start: 10508, Stop: 12253, Start Num: 187
Candidate Starts for Citrus_16:
(Start: 187 @10508 has 203 MA's), (195, 10514), (252, 10601), (254, 10607), (274, 10643), (302, 10697), (309, 10703), (361, 10799), (395, 10874), (444, 10982), (454, 11003), (492, 11072), (530, 11174), (555, 11231), (578, 11288), (582, 11300), (604, 11360), (644, 11459), (647, 11465), (682, 11522), (726, 11588), (863, 11774), (868, 11783), (899, 11825), (916, 11849), (929, 11870), (931, 11873), (1069, 12098), (1071, 12101), (1080, 12113), (1136, 12203), (1139, 12206),

Gene: Clammy_11 Start: 6496, Stop: 8193, Start Num: 95
Candidate Starts for Clammy_11:
(Start: 95 @6496 has 435 MA's), (Start: 122 @6520 has 1 MA's), (152, 6568), (311, 6766), (339, 6829), (403, 6940), (411, 6952), (432, 6991), (438, 7003), (469, 7060), (479, 7084), (510, 7150), (513, 7159), (550, 7240), (565, 7267), (620, 7405), (661, 7492), (685, 7525), (740, 7591), (800, 7666), (812, 7690), (813, 7693), (817, 7699), (825, 7708), (852, 7741), (862, 7756), (916, 7816), (985, 7912), (1010, 7957), (1014, 7966), (1145, 8119), (1168, 8149), (1193, 8179), (1196, 8182),

Gene: Clank_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Clank_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Clarenza_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Clarenza_11:

(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Clarkson_36 Start: 11120, Stop: 12862, Start Num: 143
Candidate Starts for Clarkson_36:
(Start: 143 @11120 has 83 MA's), (253, 11237), (283, 11282), (305, 11348), (306, 11363), (323, 11396), (324, 11399), (329, 11414), (341, 11438), (342, 11441), (362, 11471), (375, 11492), (378, 11510), (383, 11519), (402, 11555), (411, 11570), (434, 11615), (458, 11657), (477, 11696), (482, 11708), (497, 11729), (519, 11780), (534, 11801), (635, 12023), (697, 12128), (704, 12137), (749, 12170), (776, 12191), (778, 12194), (789, 12221), (800, 12251), (806, 12263), (813, 12278), (819, 12287), (825, 12293), (852, 12335), (858, 12344), (865, 12359), (882, 12374), (929, 12434), (954, 12473), (980, 12506), (1001, 12536), (1002, 12539), (1040, 12623), (1081, 12677), (1092, 12692), (1113, 12719), (1142, 12773), (1211, 12845), (1213, 12848),

Gene: Claus_4 Start: 1081, Stop: 2649, Start Num: 93
Candidate Starts for Claus_4:
(Start: 93 @1081 has 92 MA's), (Start: 99 @1087 has 9 MA's), (Start: 107 @1096 has 24 MA's), (Start: 113 @1105 has 1 MA's), (228, 1243), (304, 1345), (347, 1435), (419, 1540), (494, 1678), (498, 1684), (509, 1705), (516, 1729), (558, 1804), (591, 1852), (632, 1906), (643, 1930), (653, 1951), (671, 1975), (676, 1981), (694, 2011), (699, 2017), (729, 2053), (776, 2110), (786, 2128), (790, 2143), (845, 2221), (867, 2257), (872, 2266), (912, 2302), (962, 2368), (964, 2371), (1008, 2443), (1018, 2461), (1024, 2470), (1158, 2617), (1181, 2641), (1183, 2644),

Gene: Clautastrophe_5 Start: 1190, Stop: 2755, Start Num: 93
Candidate Starts for Clautastrophe_5:
(64, 1139), (Start: 68 @1148 has 2 MA's), (Start: 93 @1190 has 92 MA's), (Start: 99 @1196 has 9 MA's), (238, 1367), (254, 1397), (313, 1472), (316, 1478), (319, 1484), (413, 1640), (419, 1649), (420, 1652), (422, 1655), (464, 1730), (494, 1784), (496, 1787), (498, 1790), (637, 2021), (685, 2096), (694, 2117), (699, 2123), (759, 2192), (776, 2216), (786, 2234), (790, 2249), (867, 2363), (907, 2402), (912, 2408), (962, 2474), (1001, 2528), (1016, 2564), (1024, 2576), (1078, 2615), (1143, 2702), (1181, 2747), (1183, 2750),

Gene: Clayda5_2 Start: 593, Stop: 2155, Start Num: 171
Candidate Starts for Clayda5_2:
(Start: 171 @593 has 84 MA's), (Start: 245 @701 has 2 MA's), (278, 749), (342, 857), (347, 863), (360, 872), (363, 878), (364, 881), (422, 977), (464, 1040), (521, 1154), (548, 1214), (558, 1232), (665, 1460), (699, 1505), (796, 1643), (1057, 1970), (1195, 2144), (1201, 2147),

Gene: CliffHanger_4 Start: 794, Stop: 2380, Start Num: 171
Candidate Starts for CliffHanger_4:
(Start: 171 @794 has 84 MA's), (233, 884), (252, 911), (278, 950), (342, 1058), (398, 1142), (426, 1187), (457, 1232), (498, 1292), (521, 1355), (558, 1433), (780, 1817), (789, 1835), (1019, 2120), (1055, 2189), (1144, 2309), (1201, 2372),

Gene: Clifton_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for Clifton_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (147, 617), (Start: 158 @629 has 2 MA's), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (244, 758), (312, 845), (352, 905), (369, 917), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (415, 998), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226),

(534, 1244), (557, 1295), (601, 1388), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1024, 1979), (1069, 2006), (1094, 2039), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: CloudWang3_15 Start: 7511, Stop: 9265, Start Num: 96
Candidate Starts for CloudWang3_15:
(Start: 96 @7511 has 243 MA's), (250, 7742), (283, 7793), (300, 7829), (339, 7904), (411, 8027), (432, 8066), (469, 8135), (479, 8159), (480, 8162), (510, 8225), (518, 8249), (570, 8348), (571, 8351), (583, 8378), (584, 8381), (740, 8666), (806, 8753), (812, 8765), (862, 8828), (901, 8867), (916, 8888), (979, 8972), (985, 8984), (1168, 9221), (1191, 9248), (1193, 9251),

Gene: ClownCar_13 Start: 7027, Stop: 8727, Start Num: 102
Candidate Starts for ClownCar_13:
(Start: 102 @7027 has 88 MA's), (137, 7075), (253, 7210), (411, 7489), (510, 7687), (550, 7777), (583, 7840), (644, 8002), (800, 8200), (812, 8224), (813, 8227), (862, 8290), (869, 8302), (882, 8311), (901, 8329), (916, 8350), (985, 8446), (1014, 8500), (1070, 8536), (1168, 8683), (1193, 8713), (1196, 8716),

Gene: Clownery_3 Start: 1179, Stop: 2639, Start Num: 149
Candidate Starts for Clownery_3:
(Start: 149 @1179 has 162 MA's), (Start: 154 @1185 has 4 MA's), (Start: 272 @1347 has 48 MA's), (278, 1356), (315, 1416), (348, 1485), (366, 1506), (394, 1557), (520, 1761), (592, 1896), (642, 1974), (649, 1989), (661, 2007), (674, 2025), (703, 2067), (739, 2100), (765, 2118), (834, 2238), (835, 2241), (848, 2253), (857, 2265), (862, 2277), (905, 2328), (941, 2385), (944, 2391), (949, 2400), (958, 2409), (960, 2412), (1098, 2574), (1104, 2583), (1110, 2592), (1135, 2631),

Gene: ClubPenguin_6 Start: 3285, Stop: 5027, Start Num: 187
Candidate Starts for ClubPenguin_6:
(Start: 187 @3285 has 203 MA's), (254, 3384), (413, 3681), (444, 3759), (451, 3777), (454, 3780), (518, 3921), (522, 3933), (530, 3951), (570, 4032), (634, 4212), (644, 4236), (665, 4272), (726, 4365), (771, 4434), (868, 4557), (876, 4575), (929, 4644), (931, 4647), (962, 4698), (1071, 4875), (1080, 4887), (1139, 4980),

Gene: CocoCinnamon_5 Start: 1288, Stop: 2880, Start Num: 163
Candidate Starts for CocoCinnamon_5:
(Start: 161 @1285 has 13 MA's), (Start: 163 @1288 has 23 MA's), (315, 1504), (330, 1543), (333, 1549), (342, 1567), (347, 1573), (407, 1663), (437, 1720), (496, 1798), (500, 1804), (521, 1864), (554, 1936), (559, 1945), (564, 1954), (621, 2056), (625, 2068), (672, 2152), (701, 2191), (787, 2296), (834, 2368), (861, 2404), (907, 2476), (923, 2503), (950, 2542), (991, 2590), (1125, 2785), (1129, 2791), (1156, 2830), (1190, 2869), (1195, 2875),

Gene: CocoaPuff_3 Start: 903, Stop: 2579, Start Num: 143
Candidate Starts for CocoaPuff_3:
(Start: 143 @903 has 83 MA's), (Start: 191 @954 has 2 MA's), (205, 975), (254, 1020), (283, 1062), (300, 1098), (334, 1164), (386, 1260), (405, 1296), (411, 1305), (413, 1308), (434, 1356), (438, 1368), (482, 1455), (574, 1635), (598, 1689), (678, 1869), (697, 1902), (776, 1968), (803, 2034), (806, 2040), (862, 2124), (929, 2205), (954, 2238), (1003, 2307), (1081, 2385), (1083, 2388), (1141, 2478), (1145, 2484), (1165, 2505), (1168, 2511), (1213, 2565), (1214, 2568),

Gene: Cocoaberry_11 Start: 6888, Stop: 8585, Start Num: 95
Candidate Starts for Cocoaberry_11:
(Start: 95 @6888 has 435 MA's), (Start: 122 @6912 has 1 MA's), (Start: 207 @7035 has 2 MA's), (293, 7125), (311, 7158), (362, 7257), (408, 7341), (411, 7344), (432, 7383), (469, 7452), (479, 7476), (510,

7542), (550, 7632), (620, 7797), (661, 7884), (685, 7917), (740, 7983), (798, 8055), (800, 8058), (812, 8082), (852, 8133), (862, 8148), (901, 8187), (916, 8208), (985, 8304), (1168, 8541), (1193, 8571), (1196, 8574),

Gene: CoffeeBean_28 Start: 13981, Stop: 15654, Start Num: 111
Candidate Starts for CoffeeBean_28:
(Start: 111 @13981 has 202 MA's), (222, 14125), (247, 14176), (369, 14350), (381, 14371), (392, 14395), (408, 14422), (428, 14455), (458, 14521), (481, 14569), (514, 14632), (523, 14659), (604, 14827), (608, 14839), (675, 14950), (707, 15001), (801, 15100), (855, 15199), (861, 15211), (881, 15238), (893, 15250), (901, 15265), (954, 15340), (988, 15373), (1006, 15406), (1094, 15490), (1107, 15511), (1139, 15559), (1189, 15634),

Gene: CogOmlette_10 Start: 6185, Stop: 7972, Start Num: 96
Candidate Starts for CogOmlette_10:
(Start: 96 @6185 has 243 MA's), (200, 6314), (250, 6413), (339, 6575), (357, 6608), (381, 6647), (411, 6701), (432, 6740), (469, 6812), (510, 6902), (518, 6926), (580, 7043), (584, 7058), (622, 7166), (659, 7241), (718, 7340), (746, 7373), (806, 7457), (817, 7478), (852, 7520), (862, 7535), (869, 7547), (901, 7574), (916, 7595), (954, 7649), (985, 7691), (1070, 7781), (1083, 7799), (1119, 7850), (1168, 7928), (1191, 7955), (1193, 7958),

Gene: Colbster_13 Start: 6957, Stop: 8657, Start Num: 102
Candidate Starts for Colbster_13:
(Start: 102 @6957 has 88 MA's), (137, 7005), (253, 7140), (362, 7332), (411, 7419), (510, 7617), (550, 7707), (583, 7770), (644, 7932), (800, 8130), (812, 8154), (813, 8157), (862, 8220), (882, 8241), (916, 8280), (985, 8376), (1014, 8430), (1070, 8466), (1168, 8613), (1193, 8643), (1196, 8646),

Gene: Cole_4 Start: 1595, Stop: 3295, Start Num: 163
Candidate Starts for Cole_4:
(Start: 146 @1574 has 40 MA's), (Start: 163 @1595 has 23 MA's), (233, 1718), (Start: 246 @1739 has 12 MA's), (254, 1754), (278, 1787), (315, 1832), (316, 1835), (333, 1877), (338, 1886), (342, 1895), (345, 1898), (347, 1901), (366, 1922), (394, 1973), (426, 2024), (464, 2078), (500, 2132), (521, 2192), (548, 2252), (559, 2273), (642, 2504), (692, 2570), (699, 2585), (796, 2756), (834, 2804), (838, 2813), (869, 2855), (907, 2888), (932, 2927), (983, 2969), (1054, 3059), (1072, 3086), (1075, 3089), (1125, 3158), (1181, 3236), (1215, 3284),

Gene: Colin_16 Start: 9101, Stop: 10888, Start Num: 96
Candidate Starts for Colin_16:
(Start: 96 @9101 has 243 MA's), (179, 9209), (193, 9230), (250, 9338), (283, 9389), (300, 9425), (339, 9500), (408, 9620), (411, 9623), (469, 9731), (480, 9758), (510, 9821), (518, 9845), (584, 9977), (800, 10364), (869, 10463), (901, 10490), (904, 10493), (916, 10511), (985, 10607), (1168, 10844), (1191, 10871), (1193, 10874), (1196, 10877), (1199, 10880),

Gene: Colleen_3 Start: 1236, Stop: 2873, Start Num: 134
Candidate Starts for Colleen_3:
(Start: 134 @1236 has 16 MA's), (150, 1260), (212, 1338), (Start: 271 @1404 has 3 MA's), (327, 1503), (334, 1521), (339, 1530), (342, 1536), (369, 1584), (373, 1590), (378, 1599), (400, 1641), (403, 1647), (405, 1650), (411, 1659), (446, 1737), (510, 1854), (514, 1866), (515, 1869), (521, 1878), (550, 1941), (587, 2013), (598, 2046), (642, 2124), (723, 2235), (778, 2280), (887, 2412), (892, 2418), (976, 2550), (999, 2589), (1069, 2679), (1090, 2706), (1141, 2787), (1150, 2802), (1152, 2805), (1160, 2814), (1199, 2862),

Gene: Coltrane_2 Start: 593, Stop: 2155, Start Num: 171
Candidate Starts for Coltrane_2:

(Start: 171 @593 has 84 MA's), (Start: 245 @701 has 2 MA's), (278, 749), (342, 857), (347, 863), (360, 872), (363, 878), (364, 881), (422, 977), (464, 1040), (521, 1154), (548, 1214), (558, 1232), (665, 1460), (699, 1505), (796, 1643), (1057, 1970), (1195, 2144), (1201, 2147),

Gene: Colusalem_3 Start: 849, Stop: 2330, Start Num: 246
Candidate Starts for Colusalem_3:
(Start: 134 @684 has 16 MA's), (Start: 246 @849 has 12 MA's), (Start: 272 @888 has 48 MA's), (313, 939), (319, 951), (333, 987), (342, 1005), (464, 1188), (521, 1302), (526, 1314), (548, 1362), (559, 1383), (569, 1398), (589, 1455), (787, 1770), (829, 1836), (862, 1881), (903, 1920), (912, 1932), (923, 1953), (956, 1998), (982, 2028), (1008, 2073), (1038, 2115), (1054, 2142), (1055, 2145), (1125, 2238), (1129, 2244), (1144, 2265), (1151, 2277), (1187, 2316), (1190, 2319),

Gene: Commandaria_26 Start: 13436, Stop: 15160, Start Num: 111
Candidate Starts for Commandaria_26:
(Start: 111 @13436 has 202 MA's), (222, 13586), (251, 13643), (Start: 272 @13670 has 48 MA's), (281, 13682), (299, 13712), (303, 13721), (343, 13802), (369, 13862), (462, 14039), (514, 14144), (523, 14171), (565, 14255), (604, 14339), (608, 14351), (621, 14384), (675, 14462), (818, 14645), (855, 14708), (869, 14735), (893, 14759), (922, 14807), (929, 14816), (988, 14882), (1013, 14930), (1112, 15026), (1135, 15062), (1139, 15068), (1157, 15098), (1184, 15137),

Gene: Commander_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Commander_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Community_3 Start: 1606, Stop: 3312, Start Num: 95
Candidate Starts for Community_3:
(Start: 95 @1606 has 435 MA's), (411, 2035), (436, 2083), (482, 2173), (546, 2305), (570, 2347), (710, 2599), (800, 2722), (959, 2941), (985, 2977), (997, 2992), (1081, 3127), (1142, 3223), (1150, 3235),

Gene: Conan_7 Start: 2225, Stop: 3871, Start Num: 73
Candidate Starts for Conan_7:
(Start: 68 @2216 has 2 MA's), (Start: 73 @2225 has 95 MA's), (Start: 74 @2228 has 1 MA's), (Start: 86 @2243 has 10 MA's), (283, 2447), (300, 2483), (326, 2528), (378, 2621), (386, 2636), (400, 2663), (405, 2672), (413, 2684), (458, 2771), (480, 2819), (510, 2867), (556, 2966), (580, 3005), (638, 3119), (647, 3140), (673, 3179), (743, 3260), (800, 3329), (803, 3335), (811, 3350), (852, 3413), (957, 3545), (985, 3587), (1003, 3614), (1010, 3632), (1072, 3680), (1142, 3788),

Gene: ConceptII_11 Start: 7225, Stop: 8913, Start Num: 95
Candidate Starts for ConceptII_11:
(Start: 95 @7225 has 435 MA's), (311, 7489), (323, 7513), (411, 7675), (430, 7708), (469, 7783), (510, 7873), (518, 7897), (534, 7924), (553, 7972), (620, 8128), (644, 8188), (813, 8413), (819, 8422), (832, 8434), (862, 8476), (882, 8497), (908, 8524), (985, 8632), (1070, 8722), (1139, 8827),

Gene: Concrete_3 Start: 1125, Stop: 2585, Start Num: 149
Candidate Starts for Concrete_3:
(Start: 149 @1125 has 162 MA's), (Start: 154 @1131 has 4 MA's), (Start: 272 @1293 has 48 MA's), (278, 1302), (315, 1362), (348, 1431), (366, 1452), (394, 1503), (520, 1707), (592, 1842), (642, 1920), (649, 1935), (674, 1971), (703, 2013), (739, 2046), (765, 2064), (834, 2184), (835, 2187), (848, 2199), (905, 2274), (944, 2337), (958, 2355), (960, 2358), (1098, 2520), (1104, 2529), (1135, 2577),

Gene: Confidence_2 Start: 485, Stop: 2284, Start Num: 71
Candidate Starts for Confidence_2:
(Start: 71 @485 has 22 MA's), (170, 623), (295, 782), (300, 797), (347, 881), (365, 911), (373, 923), (378, 932), (398, 971), (411, 992), (456, 1076), (495, 1148), (513, 1184), (527, 1220), (571, 1310), (580, 1331), (598, 1382), (608, 1415), (745, 1589), (778, 1616), (813, 1685), (817, 1691), (862, 1757), (869, 1769), (884, 1796), (959, 1907), (979, 1943), (985, 1955), (1000, 1979), (1011, 2006), (1025, 2030), (1077, 2093), (1105, 2135), (1141, 2192), (1150, 2207), (1165, 2222), (1167, 2225), (1204, 2270), (1206, 2273),

Gene: Conley_13 Start: 7525, Stop: 9270, Start Num: 187
Candidate Starts for Conley_13:
(Start: 187 @7525 has 203 MA's), (195, 7531), (252, 7618), (254, 7624), (274, 7660), (302, 7714), (353, 7810), (413, 7921), (444, 7999), (451, 8017), (454, 8020), (492, 8089), (530, 8191), (545, 8227), (555, 8248), (570, 8272), (588, 8329), (604, 8377), (630, 8443), (644, 8476), (665, 8512), (680, 8533), (682, 8539), (726, 8605), (868, 8800), (910, 8857), (916, 8866), (929, 8887), (931, 8890), (968, 8950), (1045, 9061), (1071, 9118), (1080, 9130), (1112, 9175), (1114, 9178), (1136, 9220), (1139, 9223),

Gene: Connomayer_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Connomayer_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Conquerage_13 Start: 8154, Stop: 9926, Start Num: 114
Candidate Starts for Conquerage_13:
(Start: 96 @8139 has 243 MA's), (Start: 114 @8154 has 11 MA's), (Start: 120 @8160 has 11 MA's), (200, 8271), (250, 8370), (339, 8532), (381, 8604), (411, 8658), (432, 8697), (469, 8769), (510, 8859), (518, 8883), (580, 9000), (584, 9015), (622, 9123), (659, 9198), (685, 9234), (717, 9294), (806, 9414), (817, 9435), (852, 9474), (901, 9528), (904, 9531), (916, 9549), (954, 9603), (979, 9633), (985, 9645), (1070, 9735), (1083, 9753), (1168, 9882), (1191, 9909), (1193, 9912),

Gene: Conspiracy_9 Start: 5979, Stop: 7757, Start Num: 52
Candidate Starts for Conspiracy_9:
(Start: 52 @5979 has 23 MA's), (Start: 63 @6006 has 32 MA's), (112, 6075), (139, 6114), (196, 6189), (200, 6195), (300, 6327), (339, 6402), (341, 6405), (420, 6540), (439, 6579), (449, 6603), (510, 6711), (526, 6756), (565, 6834), (570, 6840), (632, 7005), (647, 7038), (661, 7059), (800, 7233), (812, 7257), (813, 7260), (862, 7320), (869, 7332), (901, 7359), (916, 7380), (979, 7464), (985, 7476), (1168, 7713), (1196, 7746), (1202, 7752),

Gene: Constance_2 Start: 626, Stop: 2374, Start Num: 201
Candidate Starts for Constance_2:
(164, 575), (180, 602), (Start: 201 @626 has 43 MA's), (266, 719), (340, 860), (344, 866), (364, 899), (366, 902), (377, 920), (397, 962), (447, 1064), (456, 1076), (476, 1115), (487, 1136), (506, 1169), (526, 1223), (539, 1256), (541, 1262), (596, 1364), (614, 1421), (620, 1436), (641, 1475), (700, 1571), (802, 1748), (810, 1763), (824, 1787), (942, 1970), (959, 1997), (973, 2021), (980, 2039), (994, 2069), (1023, 2126), (1042, 2153), (1066, 2177), (1073, 2186), (1114, 2237), (1142, 2291),

Gene: Coog_9 Start: 6156, Stop: 7907, Start Num: 63
Candidate Starts for Coog_9:

(Start: 52 @6129 has 23 MA's), (Start: 63 @6156 has 32 MA's), (112, 6225), (196, 6339), (200, 6345), (300, 6477), (339, 6552), (341, 6555), (362, 6588), (381, 6621), (439, 6729), (449, 6753), (469, 6786), (510, 6861), (526, 6906), (565, 6984), (570, 6990), (632, 7155), (647, 7188), (661, 7209), (800, 7383), (812, 7407), (813, 7410), (862, 7470), (869, 7482), (901, 7509), (916, 7530), (979, 7614), (985, 7626), (1168, 7863), (1196, 7896), (1202, 7902),

Gene: Cookiedough_15 Start: 7523, Stop: 9277, Start Num: 96
Candidate Starts for Cookiedough_15:
(Start: 96 @7523 has 243 MA's), (250, 7754), (283, 7805), (300, 7841), (339, 7916), (411, 8039), (432, 8078), (469, 8147), (479, 8171), (480, 8174), (510, 8237), (518, 8261), (583, 8390), (584, 8393), (623, 8504), (732, 8666), (800, 8753), (806, 8765), (812, 8777), (852, 8825), (862, 8840), (901, 8879), (916, 8900), (979, 8984), (985, 8996), (1168, 9233), (1191, 9260), (1193, 9263),

Gene: Copper_4 Start: 800, Stop: 2290, Start Num: 146
Candidate Starts for Copper_4:
(Start: 146 @800 has 40 MA's), (181, 845), (255, 947), (267, 965), (274, 974), (313, 1025), (315, 1028), (319, 1037), (330, 1067), (345, 1094), (415, 1193), (474, 1292), (486, 1316), (488, 1319), (491, 1322), (513, 1367), (650, 1601), (692, 1649), (694, 1661), (728, 1700), (748, 1718), (768, 1730), (770, 1733), (781, 1754), (785, 1760), (789, 1772), (838, 1850), (874, 1904), (930, 1958), (940, 1970), (970, 2015), (1005, 2063), (1081, 2147), (1125, 2204), (1175, 2273),

Gene: Coral_3 Start: 684, Stop: 2330, Start Num: 134
Candidate Starts for Coral_3:
(Start: 134 @684 has 16 MA's), (Start: 246 @849 has 12 MA's), (Start: 272 @888 has 48 MA's), (313, 939), (319, 951), (333, 987), (342, 1005), (464, 1188), (521, 1302), (526, 1314), (531, 1320), (548, 1362), (559, 1383), (569, 1398), (589, 1455), (787, 1770), (829, 1836), (862, 1881), (903, 1920), (912, 1932), (923, 1953), (956, 1998), (982, 2028), (1008, 2073), (1038, 2115), (1054, 2142), (1055, 2145), (1125, 2238), (1129, 2244), (1144, 2265), (1151, 2277), (1187, 2316), (1190, 2319),

Gene: Corazon_33 Start: 11073, Stop: 12815, Start Num: 143
Candidate Starts for Corazon_33:
(Start: 143 @11073 has 83 MA's), (253, 11190), (283, 11235), (305, 11301), (306, 11316), (323, 11349), (324, 11352), (329, 11367), (341, 11391), (342, 11394), (362, 11424), (375, 11445), (378, 11463), (383, 11472), (402, 11508), (411, 11523), (434, 11568), (458, 11610), (477, 11649), (482, 11661), (497, 11682), (519, 11733), (534, 11754), (635, 11976), (697, 12081), (704, 12090), (749, 12123), (776, 12144), (778, 12147), (789, 12174), (800, 12204), (806, 12216), (813, 12231), (819, 12240), (825, 12246), (852, 12288), (858, 12297), (865, 12312), (882, 12327), (929, 12387), (954, 12426), (980, 12459), (1001, 12489), (1002, 12492), (1040, 12576), (1081, 12630), (1092, 12645), (1113, 12672), (1142, 12726), (1211, 12798), (1213, 12801),

Gene: Corium_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Corium_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Cornie_2 Start: 553, Stop: 2274, Start Num: 143

Candidate Starts for Cornie_2:
(Start: 143 @553 has 83 MA's), (Start: 191 @604 has 2 MA's), (200, 616), (Start: 207 @628 has 2 MA's), (216, 643), (253, 664), (290, 718), (295, 733), (300, 748), (302, 751), (324, 787), (327, 796), (339, 823), (341, 826), (377, 892), (381, 901), (386, 910), (405, 946), (406, 949), (411, 955), (413, 958), (422, 970), (437, 1009), (438, 1012), (469, 1063), (497, 1114), (510, 1138), (550, 1225), (575, 1279), (598, 1330), (604, 1351), (609, 1366), (623, 1405), (624, 1408), (635, 1438), (638, 1444), (697, 1543), (754, 1609), (786, 1651), (798, 1687), (819, 1726), (827, 1741), (862, 1828), (867, 1837), (879, 1846), (904, 1870), (951, 1942), (959, 1954), (1005, 2023), (1008, 2032), (1072, 2083), (1081, 2095), (1083, 2098), (1142, 2191), (1145, 2194), (1157, 2212),

Gene: Correa_8 Start: 3847, Stop: 5601, Start Num: 187
Candidate Starts for Correa_8:
(151, 3793), (Start: 183 @3841 has 2 MA's), (Start: 187 @3847 has 203 MA's), (252, 3940), (254, 3946), (395, 4213), (413, 4243), (427, 4273), (444, 4321), (451, 4339), (454, 4342), (476, 4384), (530, 4513), (604, 4699), (644, 4798), (685, 4870), (726, 4927), (771, 5005), (778, 5017), (868, 5131), (876, 5149), (914, 5194), (929, 5218), (931, 5221), (954, 5260), (1051, 5401), (1069, 5446), (1071, 5449), (1080, 5461), (1114, 5509), (1133, 5542), (1136, 5551), (1139, 5554),

Gene: Corvo_11 Start: 7169, Stop: 8857, Start Num: 95
Candidate Starts for Corvo_11:
(Start: 95 @7169 has 435 MA's), (Start: 258 @7349 has 2 MA's), (311, 7433), (327, 7469), (411, 7619), (469, 7727), (510, 7817), (518, 7841), (534, 7868), (553, 7916), (591, 7985), (615, 8060), (620, 8072), (644, 8132), (813, 8357), (819, 8366), (832, 8378), (862, 8420), (882, 8441), (908, 8468), (985, 8576), (1070, 8666), (1139, 8771),

Gene: CosmicSans_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for CosmicSans_8:
(Start: 104 @3156 has 36 MA's), (Start: 258 @3342 has 2 MA's), (300, 3414), (311, 3426), (323, 3450), (327, 3462), (411, 3615), (420, 3630), (449, 3690), (510, 3798), (534, 3855), (618, 4053), (623, 4071), (647, 4125), (778, 4269), (798, 4308), (800, 4311), (817, 4344), (869, 4413), (985, 4557), (1010, 4602), (1081, 4662), (1142, 4761), (1168, 4794), (1191, 4821), (1193, 4824), (1196, 4827),

Gene: Cosmo_26 Start: 8131, Stop: 9744, Start Num: 108
Candidate Starts for Cosmo_26:
(Start: 108 @8131 has 5 MA's), (238, 8281), (248, 8299), (Start: 268 @8332 has 4 MA's), (278, 8344), (317, 8395), (319, 8398), (339, 8446), (342, 8452), (374, 8491), (377, 8494), (392, 8527), (432, 8596), (470, 8662), (478, 8680), (494, 8704), (498, 8710), (540, 8815), (572, 8857), (589, 8875), (592, 8884), (741, 9088), (747, 9094), (762, 9127), (862, 9292), (867, 9301), (870, 9307), (872, 9310), (930, 9385), (959, 9418), (968, 9433), (1016, 9514), (1140, 9667), (1153, 9688), (1155, 9691),

Gene: Cote_4 Start: 1013, Stop: 2494, Start Num: 246
Candidate Starts for Cote_4:
(Start: 134 @848 has 16 MA's), (Start: 246 @1013 has 12 MA's), (Start: 272 @1052 has 48 MA's), (313, 1103), (319, 1115), (333, 1151), (342, 1169), (464, 1352), (521, 1466), (526, 1478), (548, 1526), (559, 1547), (569, 1562), (589, 1619), (787, 1934), (829, 2000), (837, 2012), (862, 2045), (903, 2084), (909, 2093), (912, 2096), (956, 2162), (982, 2192), (1008, 2237), (1038, 2279), (1054, 2306), (1055, 2309), (1125, 2402), (1129, 2408), (1144, 2429), (1151, 2441), (1187, 2480), (1190, 2483),

Gene: Count_11 Start: 4422, Stop: 6167, Start Num: 186
Candidate Starts for Count_11:
(Start: 186 @4422 has 2 MA's), (215, 4461), (229, 4476), (231, 4479), (252, 4515), (254, 4521), (380, 4755), (395, 4788), (413, 4818), (444, 4896), (530, 5088), (549, 5133), (604, 5274), (621, 5319), (634, 5349), (644, 5373), (685, 5445), (726, 5502), (771, 5571), (778, 5583), (866, 5694), (876, 5715), (913,

5757), (929, 5784), (931, 5787), (934, 5793), (1071, 6015), (1080, 6027), (1136, 6117), (1139, 6120),

Gene: Courtney3_4 Start: 800, Stop: 2290, Start Num: 146
Candidate Starts for Courtney3_4:
(Start: 146 @800 has 40 MA's), (181, 845), (255, 947), (267, 965), (274, 974), (313, 1025), (315, 1028), (319, 1037), (330, 1067), (345, 1094), (415, 1193), (474, 1292), (486, 1316), (488, 1319), (491, 1322), (513, 1367), (650, 1601), (692, 1649), (694, 1661), (728, 1700), (748, 1718), (768, 1730), (770, 1733), (781, 1754), (785, 1760), (789, 1772), (838, 1850), (874, 1904), (930, 1958), (940, 1970), (970, 2015), (1005, 2063), (1081, 2147), (1125, 2204), (1175, 2273),

Gene: Cozz_4 Start: 1113, Stop: 2792, Start Num: 143
Candidate Starts for Cozz_4:
(Start: 143 @1113 has 83 MA's), (Start: 191 @1164 has 2 MA's), (205, 1185), (Start: 207 @1188 has 2 MA's), (254, 1230), (300, 1311), (334, 1377), (339, 1386), (378, 1458), (386, 1473), (405, 1509), (411, 1518), (434, 1569), (482, 1668), (513, 1722), (532, 1758), (598, 1902), (609, 1938), (623, 1977), (635, 2010), (661, 2058), (685, 2091), (697, 2115), (738, 2148), (776, 2181), (798, 2238), (803, 2247), (859, 2331), (882, 2358), (929, 2418), (1001, 2514), (1072, 2586), (1081, 2598), (1165, 2718), (1213, 2778), (1214, 2781),

Gene: Cracklewink_9 Start: 4723, Stop: 6342, Start Num: 120
Candidate Starts for Cracklewink_9:
(Start: 120 @4723 has 11 MA's), (199, 4831), (Start: 268 @4942 has 4 MA's), (364, 5119), (366, 5122), (400, 5182), (437, 5248), (438, 5251), (485, 5311), (490, 5317), (547, 5449), (548, 5452), (563, 5479), (637, 5581), (682, 5650), (687, 5662), (709, 5698), (715, 5707), (730, 5722), (733, 5728), (780, 5785), (789, 5803), (804, 5836), (822, 5860), (832, 5869), (838, 5878), (884, 5947), (935, 6016), (938, 6019), (966, 6061), (1023, 6139), (1062, 6169), (1094, 6211), (1123, 6253), (1132, 6268),

Gene: Crater_2 Start: 486, Stop: 2147, Start Num: 143
Candidate Starts for Crater_2:
(48, 324), (60, 357), (Start: 62 @360 has 1 MA's), (Start: 71 @378 has 22 MA's), (90, 411), (97, 420), (Start: 125 @453 has 1 MA's), (Start: 143 @486 has 83 MA's), (Start: 191 @537 has 2 MA's), (200, 549), (216, 576), (295, 666), (334, 747), (339, 756), (341, 759), (362, 792), (386, 843), (405, 879), (406, 882), (411, 888), (422, 903), (423, 906), (432, 924), (437, 942), (469, 996), (497, 1047), (510, 1071), (550, 1158), (581, 1218), (584, 1227), (598, 1263), (609, 1299), (623, 1338), (624, 1341), (635, 1371), (727, 1503), (738, 1509), (789, 1572), (798, 1599), (812, 1626), (813, 1629), (825, 1644), (862, 1701), (901, 1740), (959, 1821), (981, 1851), (1016, 1914), (1081, 1962), (1083, 1965), (1142, 2058), (1145, 2061), (1157, 2079), (1165, 2088), (1172, 2100), (1204, 2136),

Gene: Crewmate_3 Start: 949, Stop: 2655, Start Num: 95
Candidate Starts for Crewmate_3:
(Start: 95 @949 has 435 MA's), (Start: 119 @970 has 16 MA's), (Start: 207 @1060 has 2 MA's), (Start: 271 @1129 has 3 MA's), (379, 1321), (411, 1378), (436, 1426), (482, 1516), (513, 1570), (532, 1615), (570, 1690), (710, 1942), (929, 2245), (959, 2284), (985, 2320), (997, 2335), (1081, 2470), (1142, 2566), (1150, 2578),

Gene: CricKo_7 Start: 3414, Stop: 5153, Start Num: 187
Candidate Starts for CricKo_7:
(Start: 184 @3411 has 4 MA's), (Start: 187 @3414 has 203 MA's), (195, 3420), (229, 3468), (231, 3471), (252, 3507), (254, 3513), (327, 3651), (345, 3687), (353, 3699), (444, 3882), (454, 3903), (503, 3996), (506, 4005), (522, 4056), (530, 4074), (644, 4359), (726, 4488), (771, 4557), (847, 4647), (863, 4674), (876, 4701), (929, 4770), (931, 4773), (957, 4815), (962, 4824), (1051, 4953), (1060, 4980), (1071, 5001), (1080, 5013), (1094, 5031), (1136, 5103), (1139, 5106), (1145, 5118),

Gene: Crispicous1_10 Start: 6453, Stop: 8141, Start Num: 95
Candidate Starts for Crispicous1_10:
(Start: 95 @6453 has 435 MA's), (311, 6717), (323, 6741), (411, 6903), (430, 6936), (469, 7011), (510, 7101), (518, 7125), (534, 7152), (553, 7200), (591, 7269), (620, 7356), (644, 7416), (819, 7650), (832, 7662), (862, 7704), (882, 7725), (908, 7752), (985, 7860), (1070, 7950), (1139, 8055),

Gene: CristinaYang_2 Start: 426, Stop: 1991, Start Num: 129
Candidate Starts for CristinaYang_2:
(Start: 129 @426 has 79 MA's), (211, 549), (248, 603), (Start: 268 @636 has 4 MA's), (Start: 272 @639 has 48 MA's), (313, 690), (317, 699), (330, 732), (338, 747), (342, 756), (364, 780), (452, 942), (521, 1077), (532, 1098), (548, 1137), (625, 1236), (637, 1266), (642, 1281), (661, 1314), (692, 1362), (694, 1371), (768, 1449), (787, 1485), (804, 1524), (838, 1566), (861, 1593), (912, 1647), (939, 1689), (1001, 1734), (1008, 1755), (1022, 1779), (1095, 1857),

Gene: CroZenni_3 Start: 689, Stop: 2317, Start Num: 171
Candidate Starts for CroZenni_3:
(Start: 171 @689 has 84 MA's), (278, 845), (342, 953), (398, 1037), (415, 1061), (425, 1079), (464, 1136), (498, 1187), (500, 1190), (521, 1250), (531, 1268), (542, 1298), (558, 1328), (829, 1784), (838, 1799), (1095, 2150), (1129, 2198), (1215, 2306),

Gene: Crocheter_16 Start: 9229, Stop: 10974, Start Num: 187
Candidate Starts for Crocheter_16:
(Start: 187 @9229 has 203 MA's), (195, 9235), (254, 9328), (274, 9364), (302, 9418), (322, 9448), (395, 9595), (444, 9703), (451, 9721), (454, 9724), (492, 9793), (522, 9877), (530, 9895), (555, 9952), (604, 10081), (644, 10180), (647, 10186), (704, 10285), (726, 10309), (863, 10495), (868, 10504), (916, 10570), (929, 10591), (931, 10594), (1051, 10774), (1069, 10819), (1071, 10822), (1080, 10834), (1136, 10924), (1139, 10927),

Gene: Croquant_14 Start: 6955, Stop: 8655, Start Num: 102
Candidate Starts for Croquant_14:
(Start: 102 @6955 has 88 MA's), (137, 7003), (253, 7138), (362, 7330), (411, 7417), (510, 7615), (550, 7705), (583, 7768), (644, 7930), (800, 8128), (812, 8152), (813, 8155), (862, 8218), (882, 8239), (916, 8278), (985, 8374), (1014, 8428), (1070, 8464), (1168, 8611), (1193, 8641), (1196, 8644),

Gene: Crossroads_4 Start: 1069, Stop: 2637, Start Num: 93
Candidate Starts for Crossroads_4:
(Start: 93 @1069 has 92 MA's), (Start: 99 @1075 has 9 MA's), (228, 1231), (419, 1528), (422, 1534), (450, 1594), (494, 1666), (498, 1672), (558, 1792), (591, 1840), (632, 1894), (643, 1918), (671, 1963), (676, 1969), (694, 1999), (699, 2005), (722, 2032), (729, 2041), (776, 2098), (779, 2104), (789, 2125), (790, 2131), (838, 2206), (845, 2209), (867, 2245), (912, 2290), (962, 2356), (1008, 2431), (1018, 2449), (1024, 2458), (1158, 2605), (1181, 2629), (1183, 2632),

Gene: Crucio_12 Start: 7386, Stop: 9173, Start Num: 96
Candidate Starts for Crucio_12:
(Start: 96 @7386 has 243 MA's), (179, 7494), (193, 7515), (250, 7623), (339, 7785), (408, 7905), (411, 7908), (469, 8016), (510, 8106), (518, 8130), (580, 8247), (584, 8262), (733, 8562), (869, 8748), (901, 8775), (916, 8796), (985, 8892), (1168, 9129), (1191, 9156), (1193, 9159),

Gene: Cruella_12 Start: 6699, Stop: 8765, Start Num: 5
Candidate Starts for Cruella_12:
(Start: 5 @6699 has 5 MA's), (11, 6756), (27, 6894), (32, 6924), (39, 6948), (92, 7065), (Start: 129 @7110 has 79 MA's), (175, 7173), (Start: 191 @7197 has 2 MA's), (Start: 207 @7221 has 2 MA's), (277, 7359), (291, 7374), (298, 7392), (299, 7395), (315, 7419), (324, 7437), (369, 7494), (371, 7497),

(392, 7539), (407, 7566), (418, 7584), (432, 7611), (438, 7629), (439, 7632), (473, 7686), (514, 7770), (515, 7773), (522, 7794), (534, 7815), (570, 7887), (584, 7917), (604, 7968), (646, 8049), (669, 8082), (801, 8244), (881, 8346), (901, 8373), (908, 8382), (996, 8493), (1063, 8556), (1139, 8667), (1142, 8676), (1205, 8757),

Gene: Crumble_2 Start: 573, Stop: 2210, Start Num: 111
Candidate Starts for Crumble_2:
(Start: 111 @573 has 202 MA's), (Start: 118 @582 has 1 MA's), (Start: 129 @597 has 79 MA's), (147, 618), (Start: 158 @630 has 2 MA's), (Start: 185 @654 has 2 MA's), (188, 657), (224, 720), (244, 759), (312, 846), (352, 906), (369, 918), (377, 930), (381, 939), (383, 942), (392, 963), (404, 984), (415, 999), (440, 1056), (461, 1095), (502, 1164), (505, 1170), (514, 1200), (515, 1203), (518, 1212), (523, 1227), (534, 1245), (557, 1296), (601, 1389), (604, 1398), (711, 1569), (726, 1581), (800, 1665), (816, 1695), (818, 1698), (820, 1701), (869, 1758), (884, 1773), (889, 1779), (893, 1782), (901, 1797), (908, 1806), (957, 1875), (982, 1905), (988, 1914), (1006, 1947), (1024, 1980), (1069, 2007), (1094, 2040), (1114, 2070), (1127, 2091), (1139, 2115), (1142, 2124), (1145, 2127), (1184, 2184),

Gene: Cuco_9 Start: 6160, Stop: 7938, Start Num: 52
Candidate Starts for Cuco_9:
(Start: 52 @6160 has 23 MA's), (Start: 63 @6187 has 32 MA's), (112, 6256), (196, 6370), (200, 6376), (300, 6508), (339, 6583), (341, 6586), (362, 6619), (381, 6652), (439, 6760), (449, 6784), (469, 6817), (510, 6892), (526, 6937), (565, 7015), (570, 7021), (647, 7219), (661, 7240), (800, 7414), (812, 7438), (813, 7441), (862, 7501), (869, 7513), (901, 7540), (916, 7561), (979, 7645), (985, 7657), (1168, 7894), (1196, 7927), (1202, 7933),

Gene: Cueylyss_11 Start: 7122, Stop: 8810, Start Num: 95
Candidate Starts for Cueylyss_11:
(Start: 95 @7122 has 435 MA's), (311, 7386), (323, 7410), (411, 7572), (430, 7605), (469, 7680), (510, 7770), (518, 7794), (534, 7821), (553, 7869), (620, 8025), (644, 8085), (752, 8217), (813, 8310), (819, 8319), (832, 8331), (862, 8373), (882, 8394), (908, 8421), (985, 8529), (1070, 8619), (1139, 8724),

Gene: Cullens_13 Start: 6955, Stop: 8655, Start Num: 102
Candidate Starts for Cullens_13:
(Start: 102 @6955 has 88 MA's), (137, 7003), (253, 7138), (362, 7330), (411, 7417), (431, 7453), (510, 7615), (550, 7705), (583, 7768), (644, 7930), (800, 8128), (812, 8152), (813, 8155), (862, 8218), (882, 8239), (916, 8278), (985, 8374), (1014, 8428), (1070, 8464), (1168, 8611), (1193, 8641), (1196, 8644),

Gene: CupcakePrincess_3 Start: 676, Stop: 2304, Start Num: 171
Candidate Starts for CupcakePrincess_3:
(Start: 171 @676 has 84 MA's), (278, 832), (342, 940), (398, 1024), (415, 1048), (464, 1123), (498, 1174), (500, 1177), (521, 1237), (531, 1255), (542, 1285), (558, 1315), (829, 1771), (838, 1786), (1095, 2137), (1215, 2293),

Gene: Cyan_2 Start: 533, Stop: 2239, Start Num: 95
Candidate Starts for Cyan_2:
(13, 242), (16, 251), (Start: 95 @533 has 435 MA's), (379, 905), (411, 962), (436, 1010), (482, 1100), (513, 1154), (570, 1274), (604, 1364), (710, 1526), (800, 1649), (985, 1904), (997, 1919), (1024, 1973), (1081, 2054), (1136, 2138), (1150, 2162),

Gene: Cygnet_3 Start: 691, Stop: 2325, Start Num: 134
Candidate Starts for Cygnet_3:
(133, 688), (Start: 134 @691 has 16 MA's), (Start: 272 @889 has 48 MA's), (313, 940), (319, 952), (333, 988), (342, 1006), (347, 1012), (364, 1030), (464, 1189), (521, 1303), (548, 1363), (559, 1384), (569, 1399), (589, 1456), (642, 1582), (692, 1642), (753, 1723), (769, 1738), (780, 1759), (838, 1852),

(862, 1882), (903, 1921), (909, 1930), (923, 1954), (950, 1993), (956, 1999), (1026, 2101), (1038, 2110), (1041, 2116), (1054, 2137), (1055, 2140), (1072, 2164), (1122, 2230), (1125, 2233), (1190, 2314),

Gene: Czyszczon1_9 Start: 2465, Stop: 4135, Start Num: 272
Candidate Starts for Czyszczon1_9:
(Start: 272 @2465 has 48 MA's), (309, 2528), (435, 2762), (487, 2864), (570, 3044), (576, 3068), (585, 3086), (595, 3098), (616, 3161), (621, 3173), (642, 3218), (649, 3233), (700, 3311), (728, 3356), (759, 3410), (760, 3416), (814, 3530), (910, 3674), (933, 3710), (1014, 3863), (1022, 3875), (1065, 3932), (1091, 3968), (1124, 4019), (1142, 4055), (1145, 4058), (1193, 4124),

Gene: D29_13 Start: 7375, Stop: 9162, Start Num: 96
Candidate Starts for D29_13:
(29, 7216), (33, 7243), (Start: 96 @7375 has 243 MA's), (179, 7483), (193, 7504), (227, 7570), (250, 7612), (300, 7699), (408, 7894), (411, 7897), (469, 8005), (510, 8095), (518, 8119), (570, 8218), (583, 8248), (584, 8251), (623, 8362), (733, 8551), (852, 8710), (862, 8725), (869, 8737), (901, 8764), (916, 8785), (979, 8869), (985, 8881), (1070, 8971), (1168, 9118), (1191, 9145), (1193, 9148),

Gene: D32_15 Start: 7375, Stop: 9162, Start Num: 96
Candidate Starts for D32_15:
(29, 7216), (33, 7243), (Start: 96 @7375 has 243 MA's), (179, 7483), (193, 7504), (227, 7570), (250, 7612), (300, 7699), (408, 7894), (411, 7897), (469, 8005), (510, 8095), (518, 8119), (570, 8218), (583, 8248), (584, 8251), (623, 8362), (733, 8551), (852, 8710), (862, 8725), (869, 8737), (901, 8764), (916, 8785), (979, 8869), (985, 8881), (1070, 8971), (1168, 9118), (1191, 9145), (1193, 9148),

Gene: DBQu4n_15 Start: 7375, Stop: 9162, Start Num: 96
Candidate Starts for DBQu4n_15:
(29, 7216), (33, 7243), (Start: 96 @7375 has 243 MA's), (179, 7483), (193, 7504), (227, 7570), (250, 7612), (300, 7699), (408, 7894), (411, 7897), (469, 8005), (510, 8095), (518, 8119), (570, 8218), (583, 8248), (584, 8251), (623, 8362), (733, 8551), (852, 8710), (862, 8725), (869, 8737), (901, 8764), (916, 8785), (979, 8869), (985, 8881), (1070, 8971), (1168, 9118), (1191, 9145), (1193, 9148),

Gene: DD5_12 Start: 7704, Stop: 9392, Start Num: 95
Candidate Starts for DD5_12:
(Start: 95 @7704 has 435 MA's), (311, 7968), (323, 7992), (411, 8154), (469, 8262), (510, 8352), (518, 8376), (534, 8403), (553, 8451), (591, 8520), (620, 8607), (622, 8616), (644, 8667), (819, 8901), (832, 8913), (862, 8955), (882, 8976), (908, 9003), (985, 9111), (1070, 9201), (1139, 9306),

Gene: DHan_4 Start: 1011, Stop: 2585, Start Num: 93
Candidate Starts for DHan_4:
(Start: 93 @1011 has 92 MA's), (Start: 99 @1017 has 9 MA's), (Start: 107 @1026 has 24 MA's), (228, 1173), (304, 1275), (316, 1299), (419, 1470), (422, 1476), (494, 1614), (498, 1620), (509, 1641), (516, 1665), (558, 1740), (591, 1788), (632, 1842), (643, 1866), (671, 1911), (676, 1917), (694, 1947), (699, 1953), (729, 1989), (776, 2046), (786, 2064), (790, 2079), (845, 2157), (867, 2193), (872, 2202), (912, 2238), (962, 2304), (1008, 2379), (1018, 2397), (1024, 2406), (1158, 2553), (1181, 2577), (1183, 2580),

Gene: DLane_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for DLane_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217),

(518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1016, 1982), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: DRBy19_2 Start: 588, Stop: 2225, Start Num: 111
Candidate Starts for DRBy19_2:
(Start: 111 @588 has 202 MA's), (Start: 125 @603 has 1 MA's), (Start: 129 @612 has 79 MA's), (133, 618), (Start: 158 @645 has 2 MA's), (Start: 185 @669 has 2 MA's), (188, 672), (224, 735), (230, 753), (244, 774), (312, 861), (315, 867), (352, 921), (369, 933), (377, 945), (381, 954), (383, 957), (392, 978), (404, 999), (440, 1071), (461, 1110), (502, 1179), (505, 1185), (514, 1215), (515, 1218), (518, 1227), (523, 1242), (534, 1260), (557, 1311), (604, 1413), (711, 1584), (726, 1596), (800, 1680), (816, 1710), (818, 1713), (820, 1716), (869, 1773), (884, 1788), (889, 1794), (893, 1797), (901, 1812), (908, 1821), (957, 1890), (982, 1920), (988, 1929), (1006, 1962), (1024, 1995), (1069, 2022), (1094, 2055), (1112, 2082), (1114, 2085), (1127, 2106), (1139, 2130), (1142, 2139), (1145, 2142), (1184, 2199),

Gene: DS6A_5 Start: 1816, Stop: 3612, Start Num: 62
Candidate Starts for DS6A_5:
(Start: 62 @1816 has 1 MA's), (Start: 71 @1834 has 22 MA's), (Start: 269 @2068 has 11 MA's), (300, 2119), (323, 2155), (339, 2194), (362, 2236), (378, 2263), (381, 2269), (383, 2272), (411, 2323), (440, 2380), (441, 2383), (495, 2482), (510, 2509), (532, 2566), (613, 2758), (647, 2800), (745, 2920), (748, 2923), (778, 2947), (800, 2989), (813, 3016), (825, 3031), (874, 3121), (884, 3136), (887, 3139), (892, 3145), (929, 3205), (954, 3241), (959, 3247), (979, 3283), (980, 3286), (985, 3295), (1014, 3352), (1016, 3355), (1018, 3358), (1119, 3484), (1139, 3520), (1142, 3529), (1150, 3541), (1160, 3553), (1167, 3559), (1181, 3574),

Gene: DaHudson_13 Start: 6949, Stop: 8649, Start Num: 102
Candidate Starts for DaHudson_13:
(Start: 102 @6949 has 88 MA's), (137, 6997), (253, 7132), (362, 7324), (411, 7411), (510, 7609), (550, 7699), (583, 7762), (644, 7924), (800, 8122), (812, 8146), (813, 8149), (862, 8212), (882, 8233), (916, 8272), (985, 8368), (1014, 8422), (1070, 8458), (1168, 8605), (1193, 8635), (1196, 8638),

Gene: DaVinci_15 Start: 7534, Stop: 9288, Start Num: 96
Candidate Starts for DaVinci_15:
(Start: 96 @7534 has 243 MA's), (250, 7765), (283, 7816), (300, 7852), (339, 7927), (411, 8050), (432, 8089), (469, 8158), (479, 8182), (480, 8185), (510, 8248), (518, 8272), (570, 8371), (571, 8374), (583, 8401), (584, 8404), (740, 8689), (806, 8776), (812, 8788), (862, 8851), (901, 8890), (916, 8911), (979, 8995), (985, 9007), (1168, 9244), (1191, 9271), (1193, 9274),

Gene: DaddyRickover_2 Start: 571, Stop: 2208, Start Num: 111
Candidate Starts for DaddyRickover_2:
(Start: 111 @571 has 202 MA's), (Start: 118 @580 has 1 MA's), (Start: 129 @595 has 79 MA's), (Start: 185 @652 has 2 MA's), (188, 655), (224, 718), (244, 757), (312, 844), (352, 904), (369, 916), (377, 928), (381, 937), (383, 940), (392, 961), (404, 982), (440, 1054), (461, 1093), (502, 1162), (505, 1168), (514, 1198), (515, 1201), (518, 1210), (523, 1225), (534, 1243), (557, 1294), (601, 1387), (604, 1396), (711, 1567), (726, 1579), (800, 1663), (816, 1693), (818, 1696), (820, 1699), (869, 1756), (884, 1771), (889, 1777), (893, 1780), (901, 1795), (908, 1804), (957, 1873), (982, 1903), (988, 1912), (1006, 1945), (1024, 1978), (1069, 2005), (1094, 2038), (1114, 2068), (1127, 2089), (1139, 2113), (1142, 2122), (1145, 2125), (1184, 2182),

Gene: Daddyjeff_12 Start: 7431, Stop: 9197, Start Num: 184
Candidate Starts for Daddyjeff_12:

(Start: 184 @7431 has 4 MA's), (Start: 189 @7437 has 2 MA's), (254, 7533), (382, 7773), (399, 7809), (413, 7833), (429, 7866), (444, 7911), (454, 7932), (503, 8025), (508, 8040), (522, 8085), (530, 8103), (545, 8139), (582, 8229), (604, 8289), (644, 8388), (685, 8460), (726, 8517), (771, 8601), (778, 8613), (876, 8745), (914, 8790), (929, 8814), (931, 8817), (992, 8910), (1018, 8967), (1071, 9045), (1080, 9057), (1114, 9105), (1139, 9150),

Gene: Daegal_6 Start: 2134, Stop: 3768, Start Num: 61
Candidate Starts for Daegal_6:
(Start: 61 @2134 has 21 MA's), (Start: 98 @2173 has 3 MA's), (156, 2221), (Start: 280 @2392 has 2 MA's), (313, 2431), (421, 2611), (427, 2620), (431, 2629), (464, 2692), (468, 2698), (511, 2782), (512, 2785), (513, 2788), (558, 2884), (559, 2887), (564, 2896), (621, 2962), (643, 2992), (658, 3019), (685, 3052), (696, 3073), (698, 3076), (767, 3172), (779, 3193), (829, 3283), (859, 3325), (869, 3343), (872, 3349), (932, 3412), (936, 3418), (939, 3421), (972, 3466), (979, 3472), (999, 3499), (1005, 3514), (1046, 3565), (1053, 3574), (1068, 3589), (1070, 3592), (1102, 3631), (1116, 3646), (1123, 3661), (1126, 3664), (1197, 3742), (1203, 3748),

Gene: Daenerys_2 Start: 571, Stop: 2208, Start Num: 111
Candidate Starts for Daenerys_2:
(Start: 111 @571 has 202 MA's), (Start: 118 @580 has 1 MA's), (Start: 129 @595 has 79 MA's), (Start: 185 @652 has 2 MA's), (188, 655), (224, 718), (244, 757), (312, 844), (352, 904), (369, 916), (377, 928), (381, 937), (383, 940), (392, 961), (404, 982), (440, 1054), (461, 1093), (502, 1162), (505, 1168), (514, 1198), (515, 1201), (518, 1210), (523, 1225), (534, 1243), (557, 1294), (601, 1387), (604, 1396), (711, 1567), (726, 1579), (800, 1663), (816, 1693), (818, 1696), (820, 1699), (869, 1756), (884, 1771), (889, 1777), (893, 1780), (901, 1795), (908, 1804), (957, 1873), (982, 1903), (988, 1912), (1006, 1945), (1024, 1978), (1069, 2005), (1094, 2038), (1114, 2068), (1127, 2089), (1139, 2113), (1142, 2122), (1145, 2125), (1184, 2182),

Gene: DaftyDuck_3 Start: 1086, Stop: 2546, Start Num: 149
Candidate Starts for DaftyDuck_3:
(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (642, 1881), (649, 1896), (674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: Daiboju_2 Start: 428, Stop: 1993, Start Num: 129
Candidate Starts for Daiboju_2:
(Start: 129 @428 has 79 MA's), (Start: 245 @599 has 2 MA's), (317, 701), (330, 734), (338, 749), (342, 758), (364, 782), (394, 836), (455, 947), (496, 1013), (500, 1019), (521, 1079), (548, 1139), (564, 1169), (637, 1268), (764, 1442), (768, 1451), (787, 1487), (789, 1493), (806, 1529), (837, 1565), (862, 1598), (897, 1637), (907, 1643), (1024, 1784), (1095, 1859), (1151, 1940), (1192, 1979),

Gene: Daishi_12 Start: 5882, Stop: 7582, Start Num: 102
Candidate Starts for Daishi_12:
(Start: 102 @5882 has 88 MA's), (137, 5930), (Start: 191 @6002 has 2 MA's), (253, 6065), (411, 6344), (510, 6542), (550, 6632), (583, 6695), (644, 6857), (800, 7055), (812, 7079), (813, 7082), (862, 7145), (869, 7157), (882, 7166), (901, 7184), (916, 7205), (985, 7301), (1014, 7355), (1070, 7391), (1168, 7538), (1193, 7568), (1196, 7571),

Gene: Dalilpop_29 Start: 14581, Stop: 16257, Start Num: 111
Candidate Starts for Dalilpop_29:
(Start: 111 @14581 has 202 MA's), (222, 14731), (251, 14788), (Start: 272 @14815 has 48 MA's), (281, 14827), (299, 14857), (514, 15241), (523, 15268), (565, 15352), (604, 15436), (608, 15448), (621, 15481), (675, 15559), (745, 15640), (778, 15667), (800, 15709), (820, 15745), (839, 15775),

(893, 15856), (901, 15871), (988, 15979), (1063, 16054), (1139, 16165), (1157, 16195),

Gene: Dalmatian_12 Start: 7536, Stop: 9323, Start Num: 96
Candidate Starts for Dalmatian_12:
(Start: 96 @7536 has 243 MA's), (179, 7644), (193, 7665), (250, 7773), (339, 7935), (408, 8055), (411, 8058), (469, 8166), (510, 8256), (518, 8280), (580, 8397), (584, 8412), (733, 8712), (869, 8898), (901, 8925), (916, 8946), (985, 9042), (1168, 9279), (1191, 9306), (1193, 9309),

Gene: Damascus_10 Start: 3850, Stop: 5601, Start Num: 187
Candidate Starts for Damascus_10:
(Start: 183 @3844 has 2 MA's), (Start: 187 @3850 has 203 MA's), (Start: 246 @3934 has 12 MA's), (252, 3943), (254, 3949), (322, 4069), (380, 4183), (385, 4192), (413, 4246), (430, 4282), (437, 4306), (444, 4324), (451, 4342), (503, 4438), (530, 4516), (555, 4573), (604, 4708), (644, 4807), (726, 4936), (771, 5005), (778, 5017), (807, 5074), (866, 5128), (922, 5209), (929, 5218), (931, 5221), (1071, 5449), (1080, 5461),

Gene: Damocles_4 Start: 1013, Stop: 2494, Start Num: 246
Candidate Starts for Damocles_4:
(Start: 134 @848 has 16 MA's), (Start: 246 @1013 has 12 MA's), (Start: 272 @1052 has 48 MA's), (313, 1103), (319, 1115), (333, 1151), (342, 1169), (464, 1352), (521, 1466), (526, 1478), (548, 1526), (559, 1547), (569, 1562), (589, 1619), (787, 1934), (829, 2000), (837, 2012), (862, 2045), (903, 2084), (909, 2093), (912, 2096), (956, 2162), (982, 2192), (1008, 2237), (1038, 2279), (1054, 2306), (1055, 2309), (1125, 2402), (1129, 2408), (1144, 2429), (1151, 2441), (1187, 2480), (1190, 2483),

Gene: DanBing_3 Start: 907, Stop: 2469, Start Num: 99
Candidate Starts for DanBing_3:
(Start: 93 @901 has 92 MA's), (Start: 99 @907 has 9 MA's), (Start: 107 @916 has 24 MA's), (228, 1063), (304, 1165), (347, 1255), (419, 1360), (494, 1498), (498, 1504), (509, 1525), (516, 1549), (558, 1624), (591, 1672), (632, 1726), (643, 1750), (653, 1771), (671, 1795), (676, 1801), (694, 1831), (699, 1837), (729, 1873), (776, 1930), (786, 1948), (790, 1963), (838, 2038), (845, 2041), (867, 2077), (872, 2086), (912, 2122), (962, 2188), (1008, 2263), (1018, 2281), (1024, 2290), (1158, 2437), (1181, 2461), (1183, 2464),

Gene: DanHam62_2 Start: 370, Stop: 1992, Start Num: 149
Candidate Starts for DanHam62_2:
(Start: 134 @349 has 16 MA's), (Start: 149 @370 has 162 MA's), (313, 601), (315, 604), (319, 613), (333, 649), (342, 667), (394, 745), (464, 850), (521, 964), (534, 988), (548, 1024), (559, 1045), (569, 1060), (589, 1120), (628, 1204), (780, 1420), (787, 1432), (798, 1459), (829, 1498), (834, 1504), (862, 1543), (889, 1570), (903, 1582), (923, 1615), (932, 1627), (956, 1660), (1072, 1831), (1125, 1900), (1129, 1906), (1144, 1927), (1159, 1948), (1187, 1978), (1190, 1981), (1192, 1984),

Gene: Dancer_13 Start: 7200, Stop: 8945, Start Num: 187
Candidate Starts for Dancer_13:
(Start: 187 @7200 has 203 MA's), (195, 7206), (252, 7293), (254, 7299), (274, 7335), (302, 7389), (353, 7485), (444, 7674), (451, 7692), (454, 7695), (492, 7764), (530, 7866), (545, 7902), (555, 7923), (570, 7947), (588, 8004), (604, 8052), (630, 8118), (644, 8151), (647, 8157), (665, 8187), (680, 8208), (726, 8280), (868, 8475), (916, 8541), (929, 8562), (931, 8565), (968, 8625), (1045, 8736), (1060, 8772), (1071, 8793), (1080, 8805), (1112, 8850), (1114, 8853), (1136, 8895), (1139, 8898),

Gene: Danforth_8 Start: 5683, Stop: 7437, Start Num: 63
Candidate Starts for Danforth_8:
(Start: 63 @5683 has 32 MA's), (Start: 86 @5725 has 10 MA's), (Start: 125 @5764 has 1 MA's), (200, 5872), (339, 6079), (449, 6280), (510, 6388), (570, 6517), (632, 6682), (647, 6715), (743, 6835), (800,

6910), (882, 7021), (901, 7039), (916, 7060), (954, 7114), (985, 7156), (1081, 7261), (1142, 7360), (1168, 7393), (1196, 7426), (1202, 7432),

Gene: Danimal_3 Start: 1074, Stop: 2534, Start Num: 149
Candidate Starts for Danimal_3:
(Start: 149 @1074 has 162 MA's), (Start: 154 @1080 has 4 MA's), (Start: 272 @1242 has 48 MA's), (278, 1251), (315, 1311), (348, 1380), (366, 1401), (394, 1452), (520, 1656), (642, 1869), (649, 1884), (674, 1920), (703, 1962), (739, 1995), (765, 2013), (834, 2133), (835, 2136), (848, 2148), (905, 2223), (944, 2286), (958, 2304), (960, 2307), (1098, 2469), (1104, 2478), (1110, 2487), (1135, 2526),

Gene: Danno_3 Start: 1086, Stop: 2546, Start Num: 149
Candidate Starts for Danno_3:
(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (642, 1881), (649, 1896), (674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: Dante_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Dante_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Danzina_7 Start: 2576, Stop: 4222, Start Num: 73
Candidate Starts for Danzina_7:
(Start: 73 @2576 has 95 MA's), (Start: 86 @2594 has 10 MA's), (283, 2798), (300, 2834), (400, 3014), (413, 3035), (437, 3080), (458, 3122), (497, 3194), (510, 3218), (556, 3317), (565, 3332), (580, 3356), (581, 3362), (673, 3530), (800, 3680), (811, 3701), (817, 3713), (869, 3791), (959, 3899), (985, 3938), (1001, 3959), (1003, 3965), (1010, 3983), (1142, 4139),

Gene: Daob_4 Start: 1013, Stop: 2494, Start Num: 246
Candidate Starts for Daob_4:
(Start: 134 @848 has 16 MA's), (Start: 246 @1013 has 12 MA's), (Start: 272 @1052 has 48 MA's), (313, 1103), (319, 1115), (333, 1151), (342, 1169), (464, 1352), (521, 1466), (526, 1478), (531, 1484), (548, 1526), (559, 1547), (569, 1562), (589, 1619), (787, 1934), (829, 2000), (862, 2045), (903, 2084), (912, 2096), (923, 2117), (956, 2162), (982, 2192), (1008, 2237), (1038, 2279), (1054, 2306), (1055, 2309), (1125, 2402), (1129, 2408), (1144, 2429), (1151, 2441), (1187, 2480), (1190, 2483),

Gene: Darby_7 Start: 3576, Stop: 5315, Start Num: 187
Candidate Starts for Darby_7:
(Start: 187 @3576 has 203 MA's), (254, 3675), (322, 3795), (376, 3894), (395, 3936), (413, 3966), (427, 3996), (444, 4044), (454, 4065), (506, 4167), (530, 4236), (539, 4260), (578, 4350), (604, 4422), (634, 4497), (644, 4521), (726, 4650), (778, 4731), (868, 4845), (876, 4863), (879, 4869), (929, 4932), (931, 4935), (1055, 5124), (1059, 5139), (1061, 5145), (1071, 5163), (1080, 5175), (1136, 5265), (1139, 5268),

Gene: Dardanus_9 Start: 3554, Stop: 5239, Start Num: 99

Candidate Starts for Dardanus_9:
(Start: 99 @3554 has 9 MA's), (179, 3656), (333, 3896), (347, 3920), (366, 3941), (378, 3959), (389, 3980), (440, 4076), (464, 4124), (496, 4172), (500, 4178), (516, 4223), (534, 4262), (535, 4265), (536, 4268), (547, 4295), (628, 4403), (681, 4505), (774, 4637), (837, 4742), (891, 4808), (932, 4859), (944, 4877), (1014, 4997), (1046, 5030), (1075, 5072), (1101, 5105), (1134, 5156), (1195, 5225), (1206, 5231),

Gene: Darrell_14 Start: 8335, Stop: 10122, Start Num: 96
Candidate Starts for Darrell_14:
(Start: 96 @8335 has 243 MA's), (Start: 114 @8350 has 11 MA's), (179, 8437), (200, 8467), (250, 8566), (283, 8617), (339, 8728), (381, 8800), (411, 8854), (432, 8893), (469, 8965), (510, 9055), (518, 9079), (584, 9211), (622, 9319), (659, 9394), (717, 9490), (817, 9631), (901, 9724), (904, 9727), (916, 9745), (954, 9799), (985, 9841), (1014, 9895), (1072, 9934), (1083, 9949), (1168, 10078), (1191, 10105), (1193, 10108),

Gene: DarthPhader_13 Start: 8323, Stop: 10107, Start Num: 96
Candidate Starts for DarthPhader_13:
(Start: 96 @8323 has 243 MA's), (Start: 120 @8344 has 11 MA's), (Start: 191 @8443 has 2 MA's), (200, 8455), (231, 8521), (250, 8554), (300, 8641), (381, 8785), (411, 8839), (432, 8878), (469, 8950), (510, 9040), (518, 9064), (570, 9163), (580, 9181), (584, 9196), (638, 9340), (800, 9583), (852, 9655), (862, 9670), (916, 9730), (985, 9826), (1070, 9916), (1167, 10060), (1168, 10063), (1191, 10090), (1193, 10093), (1196, 10096),

Gene: Darwin_15 Start: 7903, Stop: 9510, Start Num: 158
Candidate Starts for Darwin_15:
(Start: 158 @7903 has 2 MA's), (242, 8041), (257, 8071), (270, 8095), (298, 8137), (299, 8140), (315, 8164), (369, 8239), (371, 8242), (392, 8284), (407, 8311), (418, 8329), (432, 8356), (438, 8374), (439, 8377), (473, 8431), (514, 8515), (515, 8518), (522, 8539), (534, 8560), (570, 8632), (584, 8662), (604, 8713), (646, 8794), (801, 8989), (881, 9091), (901, 9118), (908, 9127), (996, 9238), (1063, 9301), (1139, 9412), (1142, 9421), (1205, 9502),

Gene: Dattran_7 Start: 2377, Stop: 4023, Start Num: 73
Candidate Starts for Dattran_7:
(Start: 73 @2377 has 95 MA's), (Start: 86 @2395 has 10 MA's), (283, 2599), (300, 2635), (400, 2815), (413, 2836), (458, 2923), (497, 2995), (510, 3019), (556, 3118), (565, 3133), (580, 3157), (581, 3163), (673, 3331), (719, 3391), (800, 3481), (811, 3502), (869, 3592), (916, 3640), (985, 3739), (1001, 3760), (1003, 3766), (1010, 3784), (1142, 3940),

Gene: Datway_11 Start: 6893, Stop: 8590, Start Num: 95
Candidate Starts for Datway_11:
(Start: 95 @6893 has 435 MA's), (Start: 122 @6917 has 1 MA's), (311, 7163), (365, 7268), (408, 7346), (411, 7349), (432, 7388), (469, 7457), (479, 7481), (510, 7547), (550, 7637), (620, 7802), (638, 7847), (661, 7889), (685, 7922), (740, 7988), (798, 8060), (800, 8063), (812, 8087), (862, 8153), (901, 8192), (916, 8213), (985, 8309), (1167, 8543), (1168, 8546), (1193, 8576), (1196, 8579),

Gene: Daudau_6 Start: 2153, Stop: 3799, Start Num: 73
Candidate Starts for Daudau_6:
(Start: 73 @2153 has 95 MA's), (311, 2423), (323, 2447), (326, 2456), (378, 2549), (400, 2591), (403, 2597), (413, 2612), (458, 2699), (497, 2771), (510, 2795), (540, 2864), (556, 2894), (574, 2930), (584, 2948), (648, 3071), (673, 3107), (687, 3125), (811, 3278), (869, 3368), (901, 3395), (985, 3515), (1001, 3536), (1010, 3560), (1081, 3620), (1142, 3716), (1204, 3794),

Gene: DeadP_2 Start: 587, Stop: 2224, Start Num: 111

Candidate Starts for DeadP_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (381, 953), (383, 956), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Deano_11 Start: 6890, Stop: 8587, Start Num: 95
Candidate Starts for Deano_11:
(Start: 95 @6890 has 435 MA's), (Start: 122 @6914 has 1 MA's), (Start: 207 @7037 has 2 MA's), (293, 7127), (311, 7160), (362, 7259), (408, 7343), (411, 7346), (432, 7385), (469, 7454), (479, 7478), (510, 7544), (550, 7634), (620, 7799), (661, 7886), (685, 7919), (740, 7985), (798, 8057), (800, 8060), (812, 8084), (852, 8135), (862, 8150), (901, 8189), (916, 8210), (985, 8306), (1168, 8543), (1193, 8573), (1196, 8576),

Gene: DearBasketball_2 Start: 512, Stop: 2101, Start Num: 161
Candidate Starts for DearBasketball_2:
(Start: 161 @512 has 13 MA's), (252, 647), (254, 653), (285, 695), (316, 734), (330, 770), (364, 818), (398, 878), (425, 920), (426, 923), (437, 947), (438, 950), (464, 977), (505, 1040), (532, 1112), (544, 1142), (547, 1148), (548, 1151), (550, 1154), (692, 1418), (699, 1433), (701, 1436), (709, 1448), (765, 1508), (789, 1553), (796, 1571), (822, 1610), (912, 1703), (923, 1724), (930, 1733), (978, 1793), (995, 1817), (1013, 1853), (1057, 1925), (1129, 2018), (1144, 2036), (1190, 2090),

Gene: Deb65_2 Start: 571, Stop: 2208, Start Num: 111
Candidate Starts for Deb65_2:
(Start: 111 @571 has 202 MA's), (Start: 118 @580 has 1 MA's), (Start: 129 @595 has 79 MA's), (Start: 185 @652 has 2 MA's), (188, 655), (224, 718), (244, 757), (312, 844), (352, 904), (369, 916), (377, 928), (381, 937), (383, 940), (392, 961), (404, 982), (440, 1054), (461, 1093), (502, 1162), (505, 1168), (514, 1198), (515, 1201), (518, 1210), (523, 1225), (534, 1243), (557, 1294), (601, 1387), (604, 1396), (711, 1567), (726, 1579), (800, 1663), (816, 1693), (818, 1696), (820, 1699), (869, 1756), (884, 1771), (889, 1777), (893, 1780), (901, 1795), (908, 1804), (957, 1873), (982, 1903), (988, 1912), (1006, 1945), (1024, 1978), (1069, 2005), (1094, 2038), (1114, 2068), (1127, 2089), (1139, 2113), (1142, 2122), (1145, 2125), (1184, 2182),

Gene: Decurro_4 Start: 800, Stop: 2290, Start Num: 146
Candidate Starts for Decurro_4:
(Start: 146 @800 has 40 MA's), (181, 845), (255, 947), (267, 965), (274, 974), (300, 992), (313, 1025), (315, 1028), (319, 1037), (330, 1067), (345, 1094), (415, 1193), (474, 1292), (486, 1316), (488, 1319), (491, 1322), (513, 1367), (650, 1601), (692, 1649), (694, 1661), (728, 1700), (748, 1718), (768, 1730), (770, 1733), (781, 1754), (785, 1760), (789, 1772), (838, 1850), (874, 1904), (930, 1958), (940, 1970), (1005, 2063), (1081, 2147), (1125, 2204), (1175, 2273),

Gene: DeepSoil15_5 Start: 1855, Stop: 3489, Start Num: 61
Candidate Starts for DeepSoil15_5:
(Start: 61 @1855 has 21 MA's), (Start: 98 @1894 has 3 MA's), (156, 1942), (Start: 280 @2113 has 2 MA's), (313, 2152), (421, 2332), (427, 2341), (431, 2350), (464, 2413), (468, 2419), (511, 2503), (512, 2506), (513, 2509), (558, 2605), (559, 2608), (564, 2617), (621, 2683), (643, 2713), (658, 2740), (685, 2773), (696, 2794), (698, 2797), (767, 2893), (779, 2914), (829, 3004), (859, 3046), (869, 3064), (872, 3070), (932, 3133), (936, 3139), (939, 3142), (972, 3187), (979, 3193), (999, 3220), (1005, 3235), (1046, 3286), (1053, 3295), (1068, 3310), (1070, 3313), (1102, 3352), (1116, 3367), (1123, 3382),

(1126, 3385), (1197, 3463), (1203, 3469),

Gene: DeerParkTS_13 Start: 7485, Stop: 9272, Start Num: 96
Candidate Starts for DeerParkTS_13:
(Start: 96 @7485 has 243 MA's), (179, 7593), (193, 7614), (227, 7680), (241, 7704), (250, 7722), (283, 7773), (300, 7809), (329, 7863), (408, 8004), (411, 8007), (469, 8115), (510, 8205), (518, 8229), (580, 8346), (584, 8361), (638, 8505), (733, 8661), (869, 8847), (901, 8874), (904, 8877), (916, 8895), (985, 8991), (1168, 9228), (1191, 9255), (1193, 9258),

Gene: DekHockey33_14 Start: 6808, Stop: 8505, Start Num: 96
Candidate Starts for DekHockey33_14:
(Start: 96 @6808 has 243 MA's), (Start: 118 @6826 has 1 MA's), (253, 6988), (381, 7213), (411, 7267), (469, 7375), (480, 7402), (510, 7465), (518, 7489), (812, 8005), (862, 8068), (904, 8110), (985, 8224), (1081, 8329), (1168, 8461), (1191, 8488), (1193, 8491), (1196, 8494),

Gene: Deloris_13 Start: 7865, Stop: 9655, Start Num: 96
Candidate Starts for Deloris_13:
(25, 7691), (Start: 96 @7865 has 243 MA's), (179, 7973), (193, 7994), (250, 8102), (262, 8126), (411, 8390), (469, 8498), (510, 8588), (518, 8612), (580, 8729), (584, 8744), (733, 9044), (869, 9230), (901, 9257), (916, 9278), (985, 9374), (1168, 9611), (1191, 9638), (1193, 9641),

Gene: DelvinSonDorr_14 Start: 7524, Stop: 9278, Start Num: 96
Candidate Starts for DelvinSonDorr_14:
(Start: 96 @7524 has 243 MA's), (250, 7755), (283, 7806), (300, 7842), (339, 7917), (411, 8040), (432, 8079), (469, 8148), (479, 8172), (480, 8175), (510, 8238), (518, 8262), (570, 8361), (571, 8364), (583, 8391), (584, 8394), (740, 8679), (806, 8766), (812, 8778), (862, 8841), (901, 8880), (916, 8901), (979, 8985), (985, 8997), (1168, 9234), (1191, 9261), (1193, 9264),

Gene: Demure_14 Start: 8072, Stop: 9817, Start Num: 187
Candidate Starts for Demure_14:
(Start: 187 @8072 has 203 MA's), (195, 8078), (252, 8165), (254, 8171), (274, 8207), (302, 8261), (322, 8291), (353, 8357), (395, 8438), (427, 8498), (444, 8546), (451, 8564), (454, 8567), (492, 8636), (508, 8675), (522, 8720), (530, 8738), (555, 8795), (588, 8876), (604, 8924), (644, 9023), (647, 9029), (665, 9059), (680, 9080), (682, 9086), (704, 9128), (726, 9152), (868, 9347), (899, 9389), (916, 9413), (929, 9434), (931, 9437), (1069, 9662), (1071, 9665), (1080, 9677), (1136, 9767), (1139, 9770),

Gene: DevitoJr_7 Start: 3718, Stop: 5457, Start Num: 187
Candidate Starts for DevitoJr_7:
(Start: 187 @3718 has 203 MA's), (254, 3817), (322, 3937), (376, 4036), (395, 4078), (413, 4108), (427, 4138), (444, 4186), (454, 4207), (506, 4309), (530, 4378), (539, 4402), (578, 4492), (604, 4564), (634, 4639), (644, 4663), (726, 4792), (778, 4873), (868, 4987), (876, 5005), (879, 5011), (929, 5074), (931, 5077), (1055, 5266), (1059, 5281), (1061, 5287), (1071, 5305), (1080, 5317), (1136, 5407), (1139, 5410),

Gene: Dewayne_4 Start: 800, Stop: 2290, Start Num: 146
Candidate Starts for Dewayne_4:
(Start: 146 @800 has 40 MA's), (181, 845), (255, 947), (267, 965), (274, 974), (313, 1025), (315, 1028), (319, 1037), (330, 1067), (345, 1094), (415, 1193), (474, 1292), (486, 1316), (488, 1319), (491, 1322), (513, 1367), (650, 1601), (692, 1649), (694, 1661), (728, 1700), (748, 1718), (768, 1730), (770, 1733), (781, 1754), (785, 1760), (789, 1772), (838, 1850), (874, 1904), (930, 1958), (940, 1970), (970, 2015), (1005, 2063), (1081, 2147), (1125, 2204), (1175, 2273),

Gene: Dewey_5 Start: 1855, Stop: 3489, Start Num: 61

Candidate Starts for Dewey_5:
(Start: 61 @1855 has 21 MA's), (Start: 98 @1894 has 3 MA's), (156, 1942), (Start: 280 @2113 has 2 MA's), (313, 2152), (421, 2332), (427, 2341), (431, 2350), (464, 2413), (468, 2419), (511, 2503), (512, 2506), (513, 2509), (558, 2605), (559, 2608), (564, 2617), (621, 2683), (643, 2713), (658, 2740), (685, 2773), (696, 2794), (698, 2797), (767, 2893), (779, 2914), (829, 3004), (859, 3046), (869, 3064), (872, 3070), (932, 3133), (936, 3139), (939, 3142), (972, 3187), (979, 3193), (999, 3220), (1005, 3235), (1046, 3286), (1053, 3295), (1068, 3310), (1070, 3313), (1102, 3352), (1116, 3367), (1123, 3382), (1126, 3385), (1197, 3463), (1203, 3469),

Gene: Dexers_5 Start: 2218, Stop: 3864, Start Num: 73
Candidate Starts for Dexers_5:
(Start: 68 @2209 has 2 MA's), (Start: 73 @2218 has 95 MA's), (Start: 74 @2221 has 1 MA's), (Start: 86 @2236 has 10 MA's), (Start: 167 @2314 has 4 MA's), (283, 2440), (300, 2476), (326, 2521), (378, 2614), (386, 2629), (400, 2656), (405, 2665), (413, 2677), (458, 2764), (480, 2812), (510, 2860), (556, 2959), (580, 2998), (638, 3112), (647, 3133), (673, 3172), (743, 3253), (800, 3322), (803, 3328), (811, 3343), (852, 3406), (957, 3538), (985, 3580), (1003, 3607), (1010, 3625), (1072, 3673), (1142, 3781),

Gene: Dexes_12 Start: 7609, Stop: 9297, Start Num: 95
Candidate Starts for Dexes_12:
(Start: 95 @7609 has 435 MA's), (311, 7873), (323, 7897), (411, 8059), (430, 8092), (469, 8167), (510, 8257), (518, 8281), (534, 8308), (553, 8356), (620, 8512), (644, 8572), (819, 8806), (832, 8818), (862, 8860), (882, 8881), (908, 8908), (985, 9016), (1070, 9106), (1139, 9211),

Gene: Dhanush_11 Start: 6887, Stop: 8584, Start Num: 95
Candidate Starts for Dhanush_11:
(Start: 95 @6887 has 435 MA's), (Start: 122 @6911 has 1 MA's), (Start: 207 @7034 has 2 MA's), (293, 7124), (311, 7157), (362, 7256), (408, 7340), (411, 7343), (432, 7382), (469, 7451), (479, 7475), (510, 7541), (550, 7631), (620, 7796), (661, 7883), (685, 7916), (740, 7982), (798, 8054), (800, 8057), (812, 8081), (852, 8132), (862, 8147), (901, 8186), (916, 8207), (985, 8303), (1168, 8540), (1193, 8570), (1196, 8573),

Gene: Dialga_17 Start: 9229, Stop: 10974, Start Num: 187
Candidate Starts for Dialga_17:
(Start: 187 @9229 has 203 MA's), (195, 9235), (254, 9328), (274, 9364), (302, 9418), (322, 9448), (395, 9595), (444, 9703), (451, 9721), (454, 9724), (492, 9793), (522, 9877), (530, 9895), (555, 9952), (604, 10081), (644, 10180), (647, 10186), (704, 10285), (726, 10309), (868, 10504), (899, 10546), (916, 10570), (929, 10591), (931, 10594), (1051, 10774), (1069, 10819), (1071, 10822), (1080, 10834), (1094, 10852), (1136, 10924), (1139, 10927),

Gene: Diane_6 Start: 2144, Stop: 3793, Start Num: 73
Candidate Starts for Diane_6:
(Start: 73 @2144 has 95 MA's), (Start: 167 @2243 has 4 MA's), (262, 2342), (283, 2369), (311, 2417), (326, 2450), (386, 2558), (400, 2585), (413, 2606), (437, 2651), (458, 2693), (497, 2765), (510, 2789), (556, 2888), (574, 2924), (584, 2942), (647, 3062), (648, 3065), (673, 3101), (811, 3272), (817, 3284), (852, 3335), (901, 3389), (908, 3398), (985, 3509), (1001, 3530), (1010, 3554), (1142, 3710), (1204, 3788),

Gene: DickRichards_3 Start: 1160, Stop: 2782, Start Num: 171
Candidate Starts for DickRichards_3:
(Start: 171 @1160 has 84 MA's), (278, 1316), (342, 1424), (360, 1439), (378, 1469), (390, 1493), (398, 1508), (420, 1541), (464, 1607), (498, 1658), (500, 1661), (521, 1721), (558, 1799), (829, 2249), (838, 2264), (1095, 2615), (1129, 2663), (1215, 2771),

Gene: Didgeridoo_4 Start: 944, Stop: 2572, Start Num: 171
Candidate Starts for Didgeridoo_4:
(Start: 171 @944 has 84 MA's), (278, 1100), (342, 1208), (378, 1253), (398, 1292), (425, 1334), (464, 1391), (498, 1442), (500, 1445), (521, 1505), (531, 1523), (542, 1553), (558, 1583), (829, 2039), (838, 2054), (923, 2156), (1095, 2405), (1129, 2453), (1147, 2477), (1187, 2522),

Gene: Dieselweasel_13 Start: 6958, Stop: 8658, Start Num: 102
Candidate Starts for Dieselweasel_13:
(Start: 102 @6958 has 88 MA's), (137, 7006), (253, 7141), (362, 7333), (411, 7420), (510, 7618), (550, 7708), (583, 7771), (644, 7933), (800, 8131), (812, 8155), (813, 8158), (862, 8221), (882, 8242), (916, 8281), (985, 8377), (1014, 8431), (1070, 8467), (1168, 8614), (1193, 8644), (1196, 8647),

Gene: Dignity_14 Start: 7832, Stop: 9619, Start Num: 96
Candidate Starts for Dignity_14:
(Start: 96 @7832 has 243 MA's), (179, 7940), (193, 7961), (227, 8027), (229, 8033), (250, 8069), (262, 8093), (300, 8156), (408, 8351), (411, 8354), (469, 8462), (510, 8552), (518, 8576), (553, 8651), (580, 8693), (584, 8708), (733, 9008), (869, 9194), (901, 9221), (916, 9242), (985, 9338), (1168, 9575), (1193, 9605),

Gene: DillTech15_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for DillTech15_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Dillpickles_2 Start: 498, Stop: 2222, Start Num: 201
Candidate Starts for Dillpickles_2:
(Start: 190 @483 has 1 MA's), (Start: 201 @498 has 43 MA's), (259, 588), (393, 828), (397, 834), (411, 858), (438, 915), (476, 987), (571, 1185), (590, 1227), (596, 1233), (626, 1317), (641, 1344), (711, 1455), (725, 1482), (826, 1659), (999, 1932), (1001, 1935), (1003, 1941), (1011, 1962), (1034, 2001), (1066, 2049), (1073, 2058), (1091, 2082), (1114, 2100), (1145, 2157), (1194, 2214),

Gene: Diminimus_15 Start: 4718, Stop: 6262, Start Num: 130
Candidate Starts for Diminimus_15:
(Start: 130 @4718 has 21 MA's), (Start: 163 @4766 has 23 MA's), (315, 4967), (392, 5105), (512, 5297), (643, 5507), (676, 5558), (729, 5630), (789, 5693), (796, 5717), (804, 5732), (857, 5792), (862, 5804), (907, 5864), (930, 5897), (959, 5930), (977, 5957), (1007, 6005), (1143, 6191), (1158, 6212),

Gene: Dina_2 Start: 371, Stop: 1957, Start Num: 167
Candidate Starts for Dina_2:
(Start: 167 @371 has 4 MA's), (Start: 169 @374 has 6 MA's), (Start: 171 @380 has 84 MA's), (288, 551), (313, 629), (317, 638), (420, 812), (490, 914), (494, 920), (500, 929), (505, 938), (525, 998), (547, 1046), (548, 1049), (613, 1112), (649, 1205), (701, 1271), (807, 1427), (823, 1445), (863, 1490), (889, 1532), (918, 1568), (927, 1583), (946, 1610), (948, 1613), (959, 1628), (990, 1661), (1001, 1676), (1024, 1724), (1050, 1754), (1058, 1772), (1115, 1847), (1166, 1922), (1196, 1946),

Gene: Dinallo_8 Start: 4800, Stop: 6539, Start Num: 187

Candidate Starts for Dinallo_8:
(Start: 187 @4800 has 203 MA's), (254, 4899), (322, 5019), (376, 5118), (395, 5160), (413, 5190), (427, 5220), (444, 5268), (454, 5289), (506, 5391), (530, 5460), (539, 5484), (545, 5496), (578, 5574), (604, 5646), (634, 5721), (644, 5745), (704, 5850), (726, 5874), (778, 5955), (803, 6003), (868, 6069), (876, 6087), (879, 6093), (929, 6156), (931, 6159), (1059, 6363), (1071, 6387), (1080, 6399), (1136, 6489), (1139, 6492),

Gene: Dinger_8 Start: 3152, Stop: 4834, Start Num: 104
Candidate Starts for Dinger_8:
(Start: 104 @3152 has 36 MA's), (Start: 258 @3338 has 2 MA's), (300, 3410), (311, 3422), (327, 3458), (420, 3626), (449, 3686), (510, 3794), (618, 4049), (647, 4121), (778, 4265), (800, 4307), (817, 4340), (862, 4397), (869, 4409), (985, 4553), (1010, 4598), (1081, 4658), (1142, 4757), (1168, 4790), (1191, 4817), (1193, 4820), (1196, 4823),

Gene: Dino_5 Start: 3082, Stop: 4647, Start Num: 129
Candidate Starts for Dino_5:
(Start: 129 @3082 has 79 MA's), (Start: 268 @3292 has 4 MA's), (313, 3346), (338, 3403), (342, 3412), (485, 3652), (496, 3667), (500, 3673), (521, 3733), (548, 3793), (625, 3892), (637, 3922), (642, 3937), (692, 4018), (764, 4096), (768, 4105), (787, 4141), (804, 4180), (834, 4213), (838, 4222), (861, 4249), (912, 4303), (939, 4345), (1001, 4390), (1008, 4411), (1022, 4435), (1095, 4513), (1192, 4633),

Gene: DinoDaryn_9 Start: 3697, Stop: 5304, Start Num: 159
Candidate Starts for DinoDaryn_9:
(Start: 99 @3619 has 9 MA's), (Start: 159 @3697 has 6 MA's), (316, 3925), (333, 3967), (378, 4030), (389, 4051), (464, 4189), (500, 4243), (534, 4327), (535, 4330), (536, 4333), (548, 4363), (681, 4570), (768, 4693), (811, 4780), (830, 4795), (838, 4810), (891, 4873), (944, 4942), (971, 4984), (1013, 5059), (1014, 5062), (1046, 5095), (1095, 5161), (1130, 5212), (1195, 5290), (1206, 5296),

Gene: DinoNuggs_3 Start: 640, Stop: 2217, Start Num: 161
Candidate Starts for DinoNuggs_3:
(Start: 93 @547 has 92 MA's), (Start: 161 @640 has 13 MA's), (285, 823), (316, 862), (319, 868), (330, 898), (398, 1006), (437, 1075), (464, 1105), (505, 1168), (532, 1240), (544, 1270), (547, 1276), (548, 1279), (672, 1525), (692, 1546), (699, 1561), (701, 1564), (709, 1576), (765, 1636), (789, 1681), (796, 1699), (801, 1708), (822, 1738), (912, 1831), (923, 1852), (930, 1861), (978, 1921), (1057, 2041), (1129, 2134), (1144, 2152), (1190, 2206),

Gene: DirkDirk_4 Start: 1053, Stop: 2636, Start Num: 93
Candidate Starts for DirkDirk_4:
(Start: 93 @1053 has 92 MA's), (Start: 99 @1059 has 9 MA's), (238, 1230), (304, 1317), (313, 1335), (316, 1341), (330, 1377), (420, 1515), (422, 1518), (464, 1593), (496, 1650), (498, 1653), (591, 1821), (632, 1875), (637, 1884), (643, 1899), (653, 1920), (685, 1959), (694, 1980), (699, 1986), (722, 2013), (759, 2055), (776, 2079), (786, 2097), (789, 2106), (790, 2112), (804, 2145), (834, 2178), (862, 2217), (865, 2223), (867, 2226), (912, 2271), (962, 2337), (999, 2388), (1008, 2412), (1016, 2427), (1018, 2430), (1125, 2532), (1140, 2559), (1181, 2610), (1183, 2613),

Gene: DirtDevil_12 Start: 7559, Stop: 9247, Start Num: 95
Candidate Starts for DirtDevil_12:
(Start: 95 @7559 has 435 MA's), (Start: 258 @7739 has 2 MA's), (311, 7823), (327, 7859), (339, 7886), (411, 8009), (430, 8042), (469, 8117), (510, 8207), (518, 8231), (534, 8258), (553, 8306), (591, 8375), (615, 8450), (620, 8462), (622, 8471), (644, 8522), (813, 8747), (819, 8756), (832, 8768), (862, 8810), (882, 8831), (908, 8858), (985, 8966), (1070, 9056), (1139, 9161),

Gene: DirtPie_3 Start: 1179, Stop: 2639, Start Num: 149

Candidate Starts for DirtPie_3:
(Start: 149 @1179 has 162 MA's), (Start: 154 @1185 has 4 MA's), (Start: 272 @1347 has 48 MA's), (278, 1356), (315, 1416), (348, 1485), (366, 1506), (394, 1557), (520, 1761), (642, 1974), (649, 1989), (674, 2025), (703, 2067), (739, 2100), (765, 2118), (834, 2238), (835, 2241), (848, 2253), (905, 2328), (944, 2391), (958, 2409), (960, 2412), (1098, 2574), (1104, 2583), (1110, 2592), (1135, 2631),

Gene: Dirtdigger_5 Start: 1850, Stop: 3547, Start Num: 163
Candidate Starts for Dirtdigger_5:
(121, 1787), (Start: 163 @1850 has 23 MA's), (233, 1970), (Start: 246 @1991 has 12 MA's), (254, 2006), (278, 2039), (313, 2081), (315, 2084), (333, 2129), (342, 2147), (345, 2150), (347, 2153), (378, 2192), (394, 2225), (425, 2273), (426, 2276), (464, 2330), (521, 2444), (547, 2501), (548, 2504), (559, 2525), (586, 2600), (692, 2822), (699, 2837), (753, 2903), (755, 2909), (759, 2915), (786, 2975), (789, 2984), (796, 3008), (822, 3047), (838, 3065), (869, 3107), (907, 3140), (932, 3179), (983, 3221), (1008, 3263), (1072, 3338), (1078, 3347), (1119, 3398), (1125, 3410), (1154, 3452), (1215, 3536),

Gene: DirtyBubble_3 Start: 957, Stop: 2582, Start Num: 171
Candidate Starts for DirtyBubble_3:
(Start: 171 @957 has 84 MA's), (278, 1113), (319, 1167), (342, 1221), (360, 1236), (398, 1305), (426, 1350), (464, 1404), (498, 1455), (500, 1458), (521, 1518), (531, 1536), (532, 1539), (542, 1566), (558, 1596), (628, 1758), (782, 1974), (829, 2049), (837, 2061), (1095, 2415), (1129, 2463),

Gene: DirtyDunning_11 Start: 6880, Stop: 8577, Start Num: 95
Candidate Starts for DirtyDunning_11:
(Start: 95 @6880 has 435 MA's), (Start: 122 @6904 has 1 MA's), (Start: 207 @7027 has 2 MA's), (293, 7117), (311, 7150), (362, 7249), (408, 7333), (411, 7336), (432, 7375), (469, 7444), (479, 7468), (510, 7534), (550, 7624), (620, 7789), (661, 7876), (685, 7909), (740, 7975), (798, 8047), (800, 8050), (812, 8074), (852, 8125), (862, 8140), (901, 8179), (916, 8200), (985, 8296), (1168, 8533), (1193, 8563), (1196, 8566),

Gene: Discoknowium_9 Start: 6269, Stop: 8047, Start Num: 52
Candidate Starts for Discoknowium_9:
(Start: 52 @6269 has 23 MA's), (Start: 63 @6296 has 32 MA's), (112, 6365), (196, 6479), (200, 6485), (300, 6617), (339, 6692), (341, 6695), (439, 6869), (449, 6893), (510, 7001), (526, 7046), (565, 7124), (570, 7130), (571, 7133), (632, 7295), (635, 7301), (647, 7328), (661, 7349), (800, 7523), (812, 7547), (813, 7550), (862, 7610), (869, 7622), (901, 7649), (916, 7670), (954, 7724), (979, 7754), (985, 7766), (1168, 8003), (1196, 8036), (1202, 8042),

Gene: Dismas_3 Start: 938, Stop: 2563, Start Num: 169
Candidate Starts for Dismas_3:
(Start: 169 @938 has 6 MA's), (Start: 171 @944 has 84 MA's), (278, 1100), (333, 1190), (342, 1208), (360, 1223), (398, 1292), (415, 1316), (425, 1334), (464, 1391), (498, 1442), (500, 1445), (521, 1505), (532, 1526), (542, 1553), (558, 1583), (753, 1922), (837, 2045), (1064, 2360), (1095, 2399), (1187, 2516),

Gene: Ditters_7 Start: 3194, Stop: 4939, Start Num: 186
Candidate Starts for Ditters_7:
(Start: 186 @3194 has 2 MA's), (195, 3200), (229, 3248), (254, 3293), (353, 3479), (376, 3518), (382, 3530), (395, 3560), (413, 3590), (444, 3668), (454, 3689), (492, 3758), (530, 3860), (545, 3896), (582, 3986), (604, 4046), (644, 4145), (647, 4151), (726, 4274), (771, 4346), (876, 4487), (922, 4547), (929, 4556), (931, 4559), (962, 4610), (1012, 4697), (1059, 4763), (1071, 4787), (1080, 4799), (1094, 4817), (1133, 4880), (1136, 4889), (1139, 4892),

Gene: Dixon_9 Start: 5702, Stop: 7456, Start Num: 63

Candidate Starts for Dixon_9:
(Start: 63 @5702 has 32 MA's), (Start: 86 @5744 has 10 MA's), (Start: 125 @5783 has 1 MA's), (200, 5891), (339, 6098), (449, 6299), (510, 6407), (570, 6536), (632, 6701), (647, 6734), (743, 6854), (800, 6929), (882, 7040), (901, 7058), (916, 7079), (954, 7133), (985, 7175), (1024, 7244), (1081, 7280), (1142, 7379), (1168, 7412), (1196, 7445), (1202, 7451),

Gene: DizzyRudy_10 Start: 3848, Stop: 5599, Start Num: 187
Candidate Starts for DizzyRudy_10:
(Start: 183 @3842 has 2 MA's), (Start: 187 @3848 has 203 MA's), (Start: 246 @3932 has 12 MA's), (252, 3941), (254, 3947), (322, 4067), (380, 4181), (385, 4190), (413, 4244), (430, 4280), (444, 4322), (451, 4340), (503, 4436), (530, 4514), (555, 4571), (604, 4706), (644, 4805), (726, 4934), (771, 5003), (778, 5015), (807, 5072), (866, 5126), (922, 5207), (929, 5216), (931, 5219), (1071, 5447), (1080, 5459),

Gene: Djungelskog_8 Start: 3618, Stop: 5366, Start Num: 187
Candidate Starts for Djungelskog_8:
(Start: 174 @3600 has 5 MA's), (Start: 187 @3618 has 203 MA's), (252, 3711), (254, 3717), (292, 3774), (322, 3837), (413, 4014), (444, 4092), (454, 4113), (506, 4215), (530, 4284), (537, 4299), (555, 4341), (604, 4470), (634, 4545), (644, 4569), (704, 4674), (726, 4698), (778, 4782), (868, 4896), (876, 4914), (929, 4983), (931, 4986), (962, 5037), (992, 5079), (1051, 5166), (1060, 5193), (1071, 5214), (1080, 5226), (1094, 5244), (1139, 5319),

Gene: DoRead_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for DoRead_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (389, 968), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: DoctorDiddles_9 Start: 2462, Stop: 4132, Start Num: 272
Candidate Starts for DoctorDiddles_9:
(Start: 272 @2462 has 48 MA's), (309, 2525), (435, 2759), (487, 2861), (570, 3041), (576, 3065), (585, 3083), (595, 3095), (616, 3158), (621, 3170), (642, 3215), (649, 3230), (700, 3308), (728, 3353), (759, 3407), (760, 3413), (814, 3527), (910, 3671), (933, 3707), (1014, 3860), (1022, 3872), (1065, 3929), (1091, 3965), (1124, 4016), (1142, 4052), (1145, 4055), (1193, 4121),

Gene: DoctorPepper_8 Start: 3600, Stop: 5366, Start Num: 174
Candidate Starts for DoctorPepper_8:
(Start: 174 @3600 has 5 MA's), (Start: 187 @3618 has 203 MA's), (252, 3711), (254, 3717), (292, 3774), (322, 3837), (413, 4014), (444, 4092), (454, 4113), (506, 4215), (530, 4284), (604, 4470), (634, 4545), (644, 4569), (704, 4674), (726, 4698), (778, 4782), (868, 4896), (876, 4914), (929, 4983), (931, 4986), (962, 5037), (992, 5079), (1051, 5166), (1060, 5193), (1071, 5214), (1080, 5226), (1094, 5244), (1139, 5319),

Gene: Donatella_5 Start: 2098, Stop: 3798, Start Num: 163
Candidate Starts for Donatella_5:
(124, 2041), (Start: 146 @2077 has 40 MA's), (Start: 163 @2098 has 23 MA's), (233, 2221), (Start: 246 @2242 has 12 MA's), (278, 2290), (315, 2335), (333, 2380), (342, 2398), (345, 2401), (378, 2443),

(425, 2524), (426, 2527), (464, 2581), (521, 2695), (548, 2755), (559, 2776), (642, 3007), (692, 3073), (699, 3088), (796, 3259), (834, 3307), (838, 3316), (869, 3358), (907, 3391), (932, 3430), (983, 3472), (1054, 3562), (1072, 3589), (1075, 3592), (1078, 3598), (1095, 3619), (1125, 3661), (1181, 3739), (1215, 3787),

Gene: Dongwon_3 Start: 1074, Stop: 2534, Start Num: 149
Candidate Starts for Dongwon_3:
(Start: 149 @1074 has 162 MA's), (Start: 154 @1080 has 4 MA's), (Start: 272 @1242 has 48 MA's), (278, 1251), (315, 1311), (348, 1380), (366, 1401), (394, 1452), (520, 1656), (642, 1869), (649, 1884), (674, 1920), (703, 1962), (739, 1995), (765, 2013), (834, 2133), (835, 2136), (848, 2148), (905, 2223), (944, 2286), (958, 2304), (960, 2307), (1098, 2469), (1104, 2478), (1110, 2487), (1135, 2526),

Gene: Donkey_2 Start: 593, Stop: 2281, Start Num: 119
Candidate Starts for Donkey_2:
(Start: 119 @593 has 16 MA's), (295, 794), (373, 938), (386, 962), (411, 1007), (456, 1094), (482, 1148), (509, 1187), (570, 1322), (608, 1424), (687, 1535), (773, 1646), (800, 1697), (985, 1952), (997, 1967), (1142, 2192), (1150, 2204), (1165, 2219),

Gene: DonkeyMan_2 Start: 512, Stop: 2101, Start Num: 161
Candidate Starts for DonkeyMan_2:
(Start: 161 @512 has 13 MA's), (252, 647), (254, 653), (285, 695), (316, 734), (330, 770), (364, 818), (398, 878), (425, 920), (426, 923), (437, 947), (438, 950), (464, 977), (505, 1040), (532, 1112), (544, 1142), (547, 1148), (548, 1151), (692, 1418), (699, 1433), (701, 1436), (709, 1448), (765, 1508), (789, 1553), (796, 1571), (822, 1610), (912, 1703), (923, 1724), (930, 1733), (978, 1793), (995, 1817), (1013, 1853), (1057, 1925), (1129, 2018), (1144, 2036), (1190, 2090),

Gene: Donkeykong_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Donkeykong_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: DontArgue_10 Start: 4944, Stop: 6635, Start Num: 95
Candidate Starts for DontArgue_10:
(Start: 95 @4944 has 435 MA's), (Start: 122 @4968 has 1 MA's), (283, 5175), (300, 5211), (311, 5223), (365, 5328), (386, 5364), (411, 5409), (432, 5448), (458, 5496), (469, 5517), (479, 5541), (510, 5592), (650, 5922), (685, 5967), (800, 6108), (862, 6198), (869, 6210), (901, 6237), (916, 6258), (985, 6354), (1168, 6591), (1193, 6621), (1196, 6624),

Gene: Doobus_3 Start: 911, Stop: 2539, Start Num: 171
Candidate Starts for Doobus_3:
(Start: 171 @911 has 84 MA's), (278, 1067), (342, 1175), (398, 1259), (425, 1301), (464, 1358), (498, 1409), (500, 1412), (521, 1472), (531, 1490), (542, 1520), (558, 1550), (829, 2006), (838, 2021), (1095, 2372), (1129, 2420), (1215, 2528),

Gene: Dooby_3 Start: 1074, Stop: 2534, Start Num: 149
Candidate Starts for Dooby_3:

(Start: 149 @1074 has 162 MA's), (Start: 154 @1080 has 4 MA's), (Start: 272 @1242 has 48 MA's), (278, 1251), (315, 1311), (348, 1380), (366, 1401), (394, 1452), (520, 1656), (642, 1869), (649, 1884), (674, 1920), (703, 1962), (739, 1995), (765, 2013), (834, 2133), (835, 2136), (848, 2148), (905, 2223), (944, 2286), (958, 2304), (960, 2307), (1098, 2469), (1104, 2478), (1110, 2487), (1135, 2526),

Gene: Doom_11 Start: 7247, Stop: 8935, Start Num: 95
Candidate Starts for Doom_11:
(Start: 95 @7247 has 435 MA's), (311, 7511), (323, 7535), (411, 7697), (430, 7730), (469, 7805), (510, 7895), (518, 7919), (534, 7946), (553, 7994), (591, 8063), (620, 8150), (644, 8210), (819, 8444), (832, 8456), (862, 8498), (882, 8519), (908, 8546), (985, 8654), (1070, 8744), (1139, 8849),

Gene: Doomphist_2 Start: 571, Stop: 2208, Start Num: 111
Candidate Starts for Doomphist_2:
(Start: 111 @571 has 202 MA's), (Start: 118 @580 has 1 MA's), (Start: 129 @595 has 79 MA's), (Start: 185 @652 has 2 MA's), (188, 655), (224, 718), (244, 757), (312, 844), (352, 904), (369, 916), (377, 928), (381, 937), (383, 940), (392, 961), (404, 982), (440, 1054), (461, 1093), (502, 1162), (505, 1168), (514, 1198), (515, 1201), (518, 1210), (523, 1225), (534, 1243), (557, 1294), (601, 1387), (604, 1396), (711, 1567), (726, 1579), (800, 1663), (816, 1693), (818, 1696), (820, 1699), (869, 1756), (884, 1771), (889, 1777), (893, 1780), (901, 1795), (908, 1804), (957, 1873), (982, 1903), (988, 1912), (1006, 1945), (1024, 1978), (1069, 2005), (1094, 2038), (1114, 2068), (1127, 2089), (1139, 2113), (1142, 2122), (1145, 2125), (1184, 2182),

Gene: Dorothea_15 Start: 7533, Stop: 9287, Start Num: 96
Candidate Starts for Dorothea_15:
(Start: 96 @7533 has 243 MA's), (250, 7764), (283, 7815), (300, 7851), (339, 7926), (411, 8049), (432, 8088), (469, 8157), (479, 8181), (480, 8184), (510, 8247), (518, 8271), (570, 8370), (571, 8373), (583, 8400), (584, 8403), (740, 8688), (806, 8775), (812, 8787), (862, 8850), (901, 8889), (916, 8910), (979, 8994), (985, 9006), (1168, 9243), (1191, 9270), (1193, 9273),

Gene: Dorothy_2 Start: 571, Stop: 2208, Start Num: 111
Candidate Starts for Dorothy_2:
(Start: 111 @571 has 202 MA's), (Start: 118 @580 has 1 MA's), (Start: 129 @595 has 79 MA's), (Start: 185 @652 has 2 MA's), (188, 655), (224, 718), (244, 757), (312, 844), (352, 904), (369, 916), (377, 928), (381, 937), (383, 940), (392, 961), (404, 982), (440, 1054), (461, 1093), (502, 1162), (505, 1168), (514, 1198), (515, 1201), (518, 1210), (523, 1225), (534, 1243), (557, 1294), (601, 1387), (604, 1396), (711, 1567), (726, 1579), (800, 1663), (816, 1693), (818, 1696), (820, 1699), (869, 1756), (884, 1771), (889, 1777), (893, 1780), (901, 1795), (908, 1804), (957, 1873), (982, 1903), (988, 1912), (1006, 1945), (1024, 1978), (1069, 2005), (1094, 2038), (1114, 2068), (1127, 2089), (1139, 2113), (1142, 2122), (1145, 2125), (1184, 2182),

Gene: DotProduct_2 Start: 588, Stop: 2225, Start Num: 111
Candidate Starts for DotProduct_2:
(Start: 111 @588 has 202 MA's), (Start: 125 @603 has 1 MA's), (Start: 129 @612 has 79 MA's), (133, 618), (Start: 158 @645 has 2 MA's), (Start: 185 @669 has 2 MA's), (188, 672), (224, 735), (230, 753), (244, 774), (312, 861), (315, 867), (352, 921), (369, 933), (377, 945), (381, 954), (383, 957), (392, 978), (404, 999), (415, 1014), (440, 1071), (461, 1110), (502, 1179), (505, 1185), (514, 1215), (515, 1218), (518, 1227), (523, 1242), (534, 1260), (557, 1311), (604, 1413), (711, 1584), (726, 1596), (748, 1614), (800, 1680), (816, 1710), (818, 1713), (820, 1716), (869, 1773), (884, 1788), (889, 1794), (893, 1797), (901, 1812), (908, 1821), (957, 1890), (982, 1920), (988, 1929), (1006, 1962), (1024, 1995), (1069, 2022), (1094, 2055), (1112, 2082), (1114, 2085), (1127, 2106), (1139, 2130), (1142, 2139), (1145, 2142), (1184, 2199),

Gene: Doug_2 Start: 572, Stop: 2209, Start Num: 111

Candidate Starts for Doug_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (147, 617), (Start: 185 @653 has 2 MA's), (188, 656), (200, 674), (224, 719), (244, 758), (312, 845), (315, 851), (352, 905), (369, 917), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (601, 1388), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1024, 1979), (1069, 2006), (1094, 2039), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: Douge_4 Start: 771, Stop: 2333, Start Num: 93
Candidate Starts for Douge_4:
(Start: 93 @771 has 92 MA's), (Start: 99 @777 has 9 MA's), (228, 927), (Start: 268 @993 has 4 MA's), (302, 1023), (313, 1047), (321, 1062), (338, 1104), (422, 1230), (498, 1368), (509, 1389), (516, 1413), (558, 1488), (591, 1536), (643, 1614), (653, 1635), (671, 1659), (676, 1665), (694, 1695), (699, 1701), (729, 1737), (776, 1794), (790, 1827), (862, 1932), (867, 1941), (889, 1965), (912, 1986), (962, 2052), (1024, 2154), (1140, 2274), (1143, 2280), (1158, 2301), (1181, 2325),

Gene: Douggie_3 Start: 1071, Stop: 2531, Start Num: 149
Candidate Starts for Douggie_3:
(Start: 149 @1071 has 162 MA's), (Start: 154 @1077 has 4 MA's), (Start: 272 @1239 has 48 MA's), (278, 1248), (315, 1308), (348, 1377), (366, 1398), (394, 1449), (520, 1653), (532, 1677), (592, 1788), (642, 1866), (649, 1881), (674, 1917), (703, 1959), (739, 1992), (765, 2010), (834, 2130), (835, 2133), (848, 2145), (905, 2220), (944, 2283), (958, 2301), (960, 2304), (1098, 2466), (1104, 2475), (1135, 2523),

Gene: Douzhi_4 Start: 771, Stop: 2333, Start Num: 93
Candidate Starts for Douzhi_4:
(Start: 93 @771 has 92 MA's), (Start: 99 @777 has 9 MA's), (228, 927), (Start: 268 @993 has 4 MA's), (302, 1023), (313, 1047), (321, 1062), (338, 1104), (422, 1230), (498, 1368), (509, 1389), (516, 1413), (558, 1488), (591, 1536), (643, 1614), (653, 1635), (671, 1659), (676, 1665), (694, 1695), (699, 1701), (729, 1737), (790, 1827), (862, 1932), (867, 1941), (889, 1965), (912, 1986), (962, 2052), (1024, 2154), (1140, 2274), (1143, 2280), (1158, 2301), (1181, 2325),

Gene: Doxi13_7 Start: 2654, Stop: 4399, Start Num: 187
Candidate Starts for Doxi13_7:
(Start: 187 @2654 has 203 MA's), (195, 2660), (229, 2708), (252, 2747), (254, 2753), (413, 3050), (444, 3128), (451, 3146), (454, 3149), (492, 3218), (506, 3251), (530, 3320), (573, 3413), (604, 3506), (647, 3611), (726, 3734), (771, 3806), (876, 3947), (929, 4016), (931, 4019), (1012, 4157), (1060, 4226), (1071, 4247), (1074, 4250), (1080, 4259), (1094, 4277), (1114, 4307), (1136, 4349), (1139, 4352),

Gene: DrFeelGood_10 Start: 6771, Stop: 8459, Start Num: 95
Candidate Starts for DrFeelGood_10:
(Start: 95 @6771 has 435 MA's), (311, 7035), (323, 7059), (411, 7221), (430, 7254), (469, 7329), (510, 7419), (518, 7443), (534, 7470), (553, 7518), (591, 7587), (620, 7674), (644, 7734), (813, 7959), (819, 7968), (832, 7980), (862, 8022), (882, 8043), (908, 8070), (985, 8178), (1070, 8268), (1139, 8373),

Gene: DrGrey_7 Start: 2850, Stop: 4595, Start Num: 187
Candidate Starts for DrGrey_7:
(Start: 187 @2850 has 203 MA's), (229, 2904), (231, 2907), (252, 2943), (254, 2949), (380, 3183), (430, 3282), (444, 3324), (454, 3345), (476, 3387), (480, 3399), (522, 3498), (530, 3516), (545, 3552), (634, 3777), (644, 3801), (647, 3807), (726, 3930), (771, 3999), (863, 4116), (876, 4143), (929, 4212),

(931, 4215), (962, 4266), (1012, 4353), (1059, 4419), (1071, 4443), (1080, 4455), (1094, 4473), (1136, 4545), (1139, 4548),

Gene: DrManhattan_2 Start: 534, Stop: 2240, Start Num: 101
Candidate Starts for DrManhattan_2:
(13, 240), (15, 243), (Start: 101 @534 has 7 MA's), (Start: 119 @555 has 16 MA's), (Start: 191 @621 has 2 MA's), (379, 906), (411, 963), (482, 1101), (499, 1125), (513, 1155), (532, 1200), (570, 1275), (687, 1488), (710, 1527), (959, 1869), (985, 1905), (997, 1920), (1005, 1938), (1081, 2055), (1105, 2091), (1142, 2151), (1150, 2163),

Gene: DrRobert_2 Start: 426, Stop: 1991, Start Num: 129
Candidate Starts for DrRobert_2:
(Start: 129 @426 has 79 MA's), (211, 549), (248, 603), (Start: 268 @636 has 4 MA's), (Start: 272 @639 has 48 MA's), (313, 690), (330, 732), (338, 747), (342, 756), (347, 762), (364, 780), (452, 942), (521, 1077), (532, 1098), (548, 1137), (625, 1236), (637, 1266), (642, 1281), (661, 1314), (692, 1362), (694, 1371), (768, 1449), (787, 1485), (804, 1524), (834, 1557), (838, 1566), (861, 1593), (912, 1647), (939, 1689), (1001, 1734), (1008, 1755), (1022, 1779), (1095, 1857),

Gene: DrSeegs_4 Start: 1069, Stop: 2637, Start Num: 93
Candidate Starts for DrSeegs_4:
(Start: 93 @1069 has 92 MA's), (Start: 99 @1075 has 9 MA's), (228, 1231), (419, 1528), (422, 1534), (450, 1594), (494, 1666), (498, 1672), (509, 1693), (558, 1792), (591, 1840), (632, 1894), (643, 1918), (671, 1963), (676, 1969), (694, 1999), (699, 2005), (722, 2032), (729, 2041), (776, 2098), (779, 2104), (789, 2125), (790, 2131), (838, 2206), (845, 2209), (867, 2245), (912, 2290), (962, 2356), (1008, 2431), (1018, 2449), (1024, 2458), (1158, 2605), (1181, 2629), (1183, 2632),

Gene: DrSierra_2 Start: 548, Stop: 2254, Start Num: 95
Candidate Starts for DrSierra_2:
(Start: 95 @548 has 435 MA's), (Start: 119 @569 has 16 MA's), (Start: 176 @614 has 8 MA's), (411, 977), (436, 1025), (482, 1115), (570, 1289), (687, 1502), (710, 1541), (800, 1664), (852, 1748), (959, 1883), (985, 1919), (997, 1934), (1081, 2069), (1142, 2165), (1150, 2177),

Gene: Drake55_14 Start: 7940, Stop: 9727, Start Num: 96
Candidate Starts for Drake55_14:
(23, 7754), (50, 7856), (Start: 96 @7940 has 243 MA's), (179, 8048), (193, 8069), (250, 8177), (411, 8462), (469, 8570), (510, 8660), (518, 8684), (580, 8801), (584, 8816), (800, 9203), (901, 9329), (916, 9350), (979, 9434), (985, 9446), (1168, 9683), (1191, 9710), (1193, 9713), (1196, 9716), (1199, 9719),

Gene: Drake94_10 Start: 4774, Stop: 6465, Start Num: 95
Candidate Starts for Drake94_10:
(Start: 95 @4774 has 435 MA's), (Start: 122 @4798 has 1 MA's), (Start: 271 @4990 has 3 MA's), (300, 5041), (311, 5053), (329, 5095), (339, 5116), (386, 5194), (411, 5239), (432, 5278), (458, 5326), (469, 5347), (479, 5371), (510, 5422), (570, 5545), (626, 5692), (650, 5752), (685, 5797), (800, 5938), (835, 5992), (862, 6028), (901, 6067), (916, 6088), (985, 6184), (1024, 6253), (1168, 6421), (1193, 6451), (1196, 6454),

Gene: DreamCatcher_14 Start: 8201, Stop: 9889, Start Num: 107
Candidate Starts for DreamCatcher_14:
(Start: 107 @8201 has 24 MA's), (Start: 258 @8381 has 2 MA's), (311, 8465), (324, 8492), (327, 8501), (411, 8651), (430, 8684), (469, 8759), (510, 8849), (518, 8873), (553, 8948), (591, 9017), (620, 9104), (622, 9113), (644, 9164), (819, 9398), (832, 9410), (862, 9452), (882, 9473), (908, 9500), (985, 9608), (1070, 9698), (1139, 9803),

Gene: DreamTeam_2 Start: 426, Stop: 1991, Start Num: 129
Candidate Starts for DreamTeam_2:
(Start: 129 @426 has 79 MA's), (211, 549), (313, 690), (316, 696), (334, 741), (342, 756), (347, 762), (364, 780), (496, 1011), (500, 1017), (521, 1077), (625, 1236), (637, 1266), (642, 1281), (701, 1380), (764, 1440), (768, 1449), (804, 1524), (834, 1557), (838, 1566), (861, 1593), (912, 1647), (939, 1689), (1008, 1755), (1095, 1857), (1192, 1977),

Gene: DreamTeam1_12 Start: 6308, Stop: 8080, Start Num: 114
Candidate Starts for DreamTeam1_12:
(Start: 96 @6296 has 243 MA's), (Start: 114 @6308 has 11 MA's), (200, 6425), (250, 6524), (333, 6674), (339, 6686), (381, 6758), (411, 6812), (432, 6851), (469, 6923), (505, 6995), (510, 7013), (518, 7037), (580, 7154), (584, 7169), (622, 7277), (659, 7352), (717, 7448), (817, 7589), (852, 7628), (901, 7682), (904, 7685), (916, 7703), (954, 7757), (979, 7787), (985, 7799), (1070, 7889), (1083, 7907), (1168, 8036), (1191, 8063), (1193, 8066),

Gene: Dreamboat_12 Start: 6899, Stop: 8587, Start Num: 95
Candidate Starts for Dreamboat_12:
(Start: 95 @6899 has 435 MA's), (Start: 258 @7079 has 2 MA's), (311, 7163), (327, 7199), (411, 7349), (469, 7457), (510, 7547), (518, 7571), (553, 7646), (591, 7715), (620, 7802), (644, 7862), (819, 8096), (832, 8108), (862, 8150), (882, 8171), (908, 8198), (985, 8306), (1070, 8396), (1139, 8501),

Gene: DroogsArmy_12 Start: 8069, Stop: 9763, Start Num: 95
Candidate Starts for DroogsArmy_12:
(Start: 95 @8069 has 435 MA's), (240, 8237), (283, 8288), (311, 8336), (339, 8399), (362, 8435), (381, 8468), (403, 8510), (411, 8522), (420, 8537), (432, 8561), (469, 8630), (510, 8720), (513, 8729), (584, 8876), (620, 8975), (642, 9032), (661, 9062), (798, 9233), (800, 9236), (812, 9260), (813, 9263), (867, 9335), (985, 9482), (1003, 9509), (1014, 9536), (1145, 9689), (1168, 9719), (1193, 9749),

Gene: DropBear_11 Start: 6556, Stop: 8253, Start Num: 95
Candidate Starts for DropBear_11:
(Start: 95 @6556 has 435 MA's), (Start: 122 @6580 has 1 MA's), (152, 6628), (311, 6826), (339, 6889), (403, 7000), (411, 7012), (432, 7051), (438, 7063), (469, 7120), (479, 7144), (510, 7210), (513, 7219), (550, 7300), (565, 7327), (620, 7465), (661, 7552), (740, 7651), (800, 7726), (812, 7750), (813, 7753), (817, 7759), (825, 7768), (862, 7816), (916, 7876), (985, 7972), (1010, 8017), (1014, 8026), (1145, 8179), (1168, 8209), (1193, 8239), (1196, 8242),

Gene: Druantia_11 Start: 6885, Stop: 8582, Start Num: 95
Candidate Starts for Druantia_11:
(Start: 95 @6885 has 435 MA's), (Start: 122 @6909 has 1 MA's), (Start: 207 @7032 has 2 MA's), (293, 7122), (311, 7155), (362, 7254), (408, 7338), (411, 7341), (432, 7380), (469, 7449), (479, 7473), (510, 7539), (550, 7629), (620, 7794), (661, 7881), (685, 7914), (740, 7980), (798, 8052), (800, 8055), (812, 8079), (852, 8130), (862, 8145), (901, 8184), (916, 8205), (985, 8301), (1168, 8538), (1193, 8568), (1196, 8571),

Gene: Dublin_8 Start: 6128, Stop: 7906, Start Num: 52
Candidate Starts for Dublin_8:
(Start: 52 @6128 has 23 MA's), (Start: 63 @6155 has 32 MA's), (112, 6224), (196, 6338), (200, 6344), (300, 6476), (339, 6551), (341, 6554), (362, 6587), (381, 6620), (439, 6728), (449, 6752), (469, 6785), (510, 6860), (526, 6905), (565, 6983), (570, 6989), (632, 7154), (647, 7187), (661, 7208), (800, 7382), (812, 7406), (813, 7409), (862, 7469), (869, 7481), (901, 7508), (916, 7529), (979, 7613), (985, 7625), (1072, 7718), (1168, 7862), (1196, 7895), (1202, 7901),

Gene: DudeLittle_12 Start: 7538, Stop: 9325, Start Num: 96

Candidate Starts for DudeLittle_12:
(Start: 96 @7538 has 243 MA's), (179, 7646), (193, 7667), (250, 7775), (339, 7937), (408, 8057), (411, 8060), (469, 8168), (510, 8258), (518, 8282), (580, 8399), (584, 8414), (733, 8714), (869, 8900), (901, 8927), (916, 8948), (985, 9044), (1168, 9281), (1191, 9308), (1193, 9311),

Gene: Duffington_17 Start: 10486, Stop: 12231, Start Num: 187
Candidate Starts for Duffington_17:
(Start: 187 @10486 has 203 MA's), (195, 10492), (252, 10579), (254, 10585), (274, 10621), (302, 10675), (309, 10681), (361, 10777), (395, 10852), (444, 10960), (454, 10981), (476, 11023), (492, 11050), (530, 11152), (555, 11209), (578, 11266), (582, 11278), (604, 11338), (644, 11437), (647, 11443), (682, 11500), (726, 11566), (863, 11752), (868, 11761), (899, 11803), (916, 11827), (929, 11848), (931, 11851), (1069, 12076), (1071, 12079), (1080, 12091), (1136, 12181), (1139, 12184),

Gene: Duggle_3 Start: 1074, Stop: 2534, Start Num: 149
Candidate Starts for Duggle_3:
(Start: 149 @1074 has 162 MA's), (Start: 272 @1242 has 48 MA's), (278, 1251), (315, 1311), (348, 1380), (366, 1401), (394, 1452), (520, 1656), (642, 1869), (649, 1884), (674, 1920), (703, 1962), (739, 1995), (765, 2013), (834, 2133), (835, 2136), (848, 2148), (905, 2223), (944, 2286), (958, 2304), (960, 2307), (1098, 2469), (1104, 2478), (1110, 2487), (1135, 2526),

Gene: Dulcie_10 Start: 6646, Stop: 8334, Start Num: 95
Candidate Starts for Dulcie_10:
(Start: 95 @6646 has 435 MA's), (311, 6910), (323, 6934), (411, 7096), (430, 7129), (469, 7204), (510, 7294), (518, 7318), (534, 7345), (553, 7393), (565, 7411), (591, 7462), (620, 7549), (644, 7609), (819, 7843), (832, 7855), (862, 7897), (882, 7918), (908, 7945), (985, 8053), (1070, 8143), (1139, 8248),

Gene: Dulcita_15 Start: 4718, Stop: 6262, Start Num: 130
Candidate Starts for Dulcita_15:
(Start: 130 @4718 has 21 MA's), (Start: 163 @4766 has 23 MA's), (315, 4967), (392, 5105), (512, 5297), (643, 5507), (676, 5558), (729, 5630), (789, 5693), (796, 5717), (804, 5732), (857, 5792), (862, 5804), (907, 5864), (930, 5897), (959, 5930), (977, 5957), (1007, 6005), (1143, 6191), (1158, 6212),

Gene: Dumbo_8 Start: 2277, Stop: 3947, Start Num: 272
Candidate Starts for Dumbo_8:
(Start: 272 @2277 has 48 MA's), (309, 2340), (435, 2574), (487, 2676), (570, 2856), (576, 2880), (585, 2898), (595, 2910), (616, 2973), (621, 2985), (642, 3030), (649, 3045), (700, 3123), (728, 3168), (759, 3222), (760, 3228), (814, 3342), (910, 3486), (933, 3522), (1014, 3675), (1022, 3687), (1065, 3744), (1091, 3780), (1124, 3831), (1142, 3867), (1145, 3870), (1193, 3936),

Gene: DuncansLeg_5 Start: 1193, Stop: 2758, Start Num: 93
Candidate Starts for DuncansLeg_5:
(41, 1085), (45, 1091), (64, 1142), (Start: 68 @1151 has 2 MA's), (Start: 93 @1193 has 92 MA's), (Start: 99 @1199 has 9 MA's), (238, 1370), (255, 1403), (313, 1475), (316, 1481), (319, 1487), (413, 1643), (419, 1652), (420, 1655), (422, 1658), (464, 1733), (494, 1787), (496, 1790), (498, 1793), (637, 2024), (685, 2099), (694, 2120), (699, 2126), (722, 2153), (759, 2195), (776, 2219), (786, 2237), (789, 2246), (790, 2252), (867, 2366), (907, 2405), (912, 2411), (962, 2477), (1001, 2531), (1005, 2543), (1016, 2567), (1024, 2579), (1078, 2618), (1143, 2705), (1181, 2750), (1183, 2753),

Gene: Duplo_15 Start: 7416, Stop: 9203, Start Num: 96
Candidate Starts for Duplo_15:
(29, 7257), (33, 7284), (Start: 96 @7416 has 243 MA's), (179, 7524), (193, 7545), (227, 7611), (250, 7653), (300, 7740), (408, 7935), (411, 7938), (469, 8046), (510, 8136), (518, 8160), (570, 8259), (583, 8289), (584, 8292), (623, 8403), (733, 8592), (852, 8751), (862, 8766), (869, 8778), (901, 8805), (916,

8826), (979, 8910), (985, 8922), (1070, 9012), (1168, 9159), (1191, 9186), (1193, 9189),

Gene: Dussy_12 Start: 7007, Stop: 8695, Start Num: 95
Candidate Starts for Dussy_12:
(Start: 95 @7007 has 435 MA's), (Start: 258 @7187 has 2 MA's), (311, 7271), (327, 7307), (339, 7334), (411, 7457), (469, 7565), (510, 7655), (518, 7679), (534, 7706), (553, 7754), (591, 7823), (620, 7910), (644, 7970), (813, 8195), (819, 8204), (832, 8216), (862, 8258), (882, 8279), (908, 8306), (985, 8414), (1070, 8504), (1139, 8609),

Gene: DustyMartin_14 Start: 6755, Stop: 8446, Start Num: 95
Candidate Starts for DustyMartin_14:
(Start: 95 @6755 has 435 MA's), (Start: 122 @6779 has 1 MA's), (Start: 207 @6902 has 2 MA's), (267, 6968), (300, 7022), (311, 7034), (330, 7079), (362, 7133), (378, 7160), (386, 7175), (411, 7220), (432, 7259), (458, 7307), (469, 7328), (479, 7352), (510, 7403), (570, 7526), (626, 7673), (650, 7733), (685, 7778), (740, 7844), (800, 7919), (812, 7943), (862, 8009), (916, 8069), (985, 8165), (1014, 8219), (1168, 8402), (1193, 8432), (1196, 8435),

Gene: Dwayne_6 Start: 2377, Stop: 4023, Start Num: 73
Candidate Starts for Dwayne_6:
(Start: 73 @2377 has 95 MA's), (Start: 86 @2395 has 10 MA's), (Start: 207 @2527 has 2 MA's), (283, 2599), (300, 2635), (400, 2815), (413, 2836), (437, 2881), (458, 2923), (497, 2995), (510, 3019), (556, 3118), (565, 3133), (580, 3157), (581, 3163), (673, 3331), (800, 3481), (811, 3502), (852, 3565), (869, 3592), (959, 3700), (985, 3739), (1001, 3760), (1003, 3766), (1010, 3784), (1105, 3880), (1142, 3940), (1204, 4018),

Gene: Dynamite_8 Start: 3847, Stop: 5601, Start Num: 187
Candidate Starts for Dynamite_8:
(151, 3793), (Start: 183 @3841 has 2 MA's), (Start: 187 @3847 has 203 MA's), (252, 3940), (254, 3946), (361, 4138), (395, 4213), (413, 4243), (427, 4273), (444, 4321), (451, 4339), (454, 4342), (476, 4384), (530, 4513), (604, 4699), (644, 4798), (685, 4870), (726, 4927), (771, 5005), (778, 5017), (868, 5131), (876, 5149), (914, 5194), (929, 5218), (931, 5221), (954, 5260), (1051, 5401), (1069, 5446), (1071, 5449), (1080, 5461), (1114, 5509), (1133, 5542), (1136, 5551), (1139, 5554),

Gene: Dynamix_12 Start: 7056, Stop: 8744, Start Num: 95
Candidate Starts for Dynamix_12:
(Start: 95 @7056 has 435 MA's), (Start: 258 @7236 has 2 MA's), (311, 7320), (327, 7356), (339, 7383), (411, 7506), (469, 7614), (510, 7704), (518, 7728), (534, 7755), (553, 7803), (620, 7959), (642, 8016), (644, 8019), (819, 8253), (832, 8265), (862, 8307), (882, 8328), (908, 8355), (985, 8463), (1070, 8553), (1139, 8658),

Gene: DyoEdafos_5 Start: 958, Stop: 2520, Start Num: 93
Candidate Starts for DyoEdafos_5:
(Start: 93 @958 has 92 MA's), (Start: 99 @964 has 9 MA's), (228, 1114), (Start: 268 @1180 has 4 MA's), (302, 1210), (313, 1234), (319, 1246), (321, 1249), (338, 1291), (422, 1417), (516, 1600), (558, 1675), (643, 1801), (653, 1822), (671, 1846), (676, 1852), (694, 1882), (699, 1888), (729, 1924), (759, 1957), (776, 1981), (790, 2014), (834, 2080), (867, 2128), (872, 2137), (889, 2152), (912, 2173), (962, 2239), (1024, 2341), (1140, 2461), (1143, 2467), (1158, 2488), (1181, 2512),

Gene: E1_3 Start: 1202, Stop: 2782, Start Num: 171
Candidate Starts for E1_3:
(Start: 167 @1193 has 4 MA's), (Start: 169 @1196 has 6 MA's), (Start: 171 @1202 has 84 MA's), (Start: 191 @1229 has 2 MA's), (211, 1262), (233, 1292), (Start: 245 @1310 has 2 MA's), (Start: 246 @1313 has 12 MA's), (254, 1328), (Start: 268 @1349 has 4 MA's), (Start: 272 @1352 has 48 MA's),

(328, 1439), (333, 1451), (342, 1469), (355, 1499), (356, 1502), (392, 1574), (396, 1580), (420, 1616), (423, 1622), (438, 1655), (472, 1712), (496, 1754), (500, 1760), (532, 1841), (547, 1877), (548, 1880), (563, 1907), (569, 1916), (579, 1952), (657, 2096), (684, 2126), (699, 2153), (709, 2168), (722, 2180), (757, 2222), (782, 2264), (788, 2273), (796, 2297), (834, 2345), (837, 2351), (857, 2372), (858, 2375), (907, 2429), (925, 2459), (982, 2498), (1001, 2522), (1014, 2555), (1044, 2573), (1057, 2600), (1064, 2606), (1072, 2618), (1110, 2666), (1129, 2696), (1181, 2771),

Gene: ELB20_05 Start: 2194, Stop: 3855, Start Num: 73
Candidate Starts for ELB20_05:
(Start: 73 @2194 has 95 MA's), (Start: 271 @2416 has 3 MA's), (326, 2512), (378, 2605), (386, 2620), (400, 2647), (413, 2668), (458, 2755), (510, 2851), (521, 2884), (550, 2938), (570, 2971), (581, 2995), (605, 3064), (648, 3127), (650, 3133), (673, 3163), (746, 3247), (798, 3310), (800, 3313), (806, 3325), (811, 3334), (815, 3343), (852, 3397), (869, 3424), (985, 3571), (1001, 3592), (1010, 3616), (1081, 3676), (1142, 3772), (1204, 3850),

Gene: ELee24_3 Start: 1134, Stop: 2594, Start Num: 149
Candidate Starts for ELee24_3:
(Start: 149 @1134 has 162 MA's), (Start: 154 @1140 has 4 MA's), (315, 1371), (348, 1440), (366, 1461), (394, 1512), (520, 1716), (592, 1851), (642, 1929), (649, 1944), (661, 1962), (674, 1980), (703, 2022), (739, 2055), (765, 2073), (834, 2193), (835, 2196), (848, 2208), (857, 2220), (905, 2283), (941, 2340), (944, 2346), (958, 2364), (960, 2367), (1098, 2529), (1104, 2538), (1110, 2547), (1135, 2586),

Gene: EMsquaredA_2 Start: 485, Stop: 2284, Start Num: 71
Candidate Starts for EMsquaredA_2:
(Start: 71 @485 has 22 MA's), (170, 623), (195, 650), (295, 782), (300, 797), (347, 881), (365, 911), (373, 923), (378, 932), (398, 971), (411, 992), (441, 1052), (456, 1076), (495, 1148), (513, 1184), (527, 1220), (571, 1310), (580, 1331), (596, 1376), (598, 1382), (603, 1400), (608, 1415), (745, 1589), (778, 1616), (813, 1685), (817, 1691), (862, 1757), (869, 1769), (884, 1796), (959, 1907), (979, 1943), (985, 1955), (990, 1961), (1000, 1979), (1011, 2006), (1025, 2030), (1077, 2093), (1105, 2135), (1141, 2192), (1150, 2207), (1165, 2222), (1204, 2270), (1206, 2273),

Gene: EZMoney23_16 Start: 9406, Stop: 11193, Start Num: 96
Candidate Starts for EZMoney23_16:
(Start: 96 @9406 has 243 MA's), (179, 9514), (193, 9535), (250, 9643), (283, 9694), (300, 9730), (329, 9784), (408, 9925), (411, 9928), (432, 9967), (469, 10036), (510, 10126), (518, 10150), (584, 10282), (800, 10669), (869, 10768), (901, 10795), (916, 10816), (979, 10900), (985, 10912), (1168, 11149), (1191, 11176), (1193, 11179), (1196, 11182), (1199, 11185),

Gene: Eagle_10 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Eagle_10:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: EagleEye_14 Start: 7590, Stop: 9344, Start Num: 96
Candidate Starts for EagleEye_14:
(Start: 96 @7590 has 243 MA's), (200, 7722), (250, 7821), (300, 7908), (339, 7983), (381, 8052), (408, 8103), (411, 8106), (469, 8214), (510, 8304), (518, 8328), (583, 8457), (584, 8460), (598, 8496), (733, 8736), (740, 8745), (800, 8820), (852, 8892), (862, 8907), (901, 8946), (916, 8967), (979, 9051), (985, 9063), (1081, 9168), (1139, 9258), (1142, 9267), (1168, 9300), (1191, 9327), (1193, 9330), (1196, 9333), (1199, 9336),

Gene: Eaglepride_12 Start: 6703, Stop: 8379, Start Num: 95
Candidate Starts for Eaglepride_12:
(Start: 95 @6703 has 435 MA's), (Start: 207 @6835 has 2 MA's), (283, 6919), (300, 6955), (311, 6967), (378, 7093), (411, 7153), (432, 7192), (458, 7240), (469, 7261), (479, 7285), (510, 7336), (570, 7459), (598, 7528), (650, 7666), (685, 7711), (740, 7777), (800, 7852), (812, 7876), (862, 7942), (869, 7954), (901, 7981), (916, 8002), (985, 8098), (1024, 8167), (1167, 8332), (1168, 8335), (1193, 8365), (1196, 8368),

Gene: Eapen_11 Start: 6886, Stop: 8583, Start Num: 95
Candidate Starts for Eapen_11:
(Start: 95 @6886 has 435 MA's), (Start: 122 @6910 has 1 MA's), (Start: 207 @7033 has 2 MA's), (293, 7123), (311, 7156), (362, 7255), (408, 7339), (411, 7342), (432, 7381), (469, 7450), (479, 7474), (510, 7540), (550, 7630), (620, 7795), (661, 7882), (685, 7915), (740, 7981), (798, 8053), (800, 8056), (812, 8080), (852, 8131), (862, 8146), (901, 8185), (916, 8206), (985, 8302), (1168, 8539), (1193, 8569), (1196, 8572),

Gene: Ebony_12 Start: 8082, Stop: 9845, Start Num: 96
Candidate Starts for Ebony_12:
(Start: 96 @8082 has 243 MA's), (Start: 120 @8103 has 11 MA's), (179, 8190), (250, 8319), (262, 8343), (300, 8406), (381, 8550), (408, 8601), (411, 8604), (469, 8715), (479, 8739), (480, 8742), (510, 8805), (513, 8814), (518, 8829), (580, 8946), (584, 8961), (605, 9021), (638, 9105), (806, 9333), (812, 9345), (852, 9393), (862, 9408), (901, 9447), (916, 9468), (942, 9507), (979, 9552), (985, 9564), (1168, 9801), (1191, 9828),

Gene: Echild_12 Start: 7541, Stop: 9328, Start Num: 96
Candidate Starts for Echild_12:
(25, 7367), (Start: 96 @7541 has 243 MA's), (179, 7649), (193, 7670), (250, 7778), (300, 7865), (408, 8060), (411, 8063), (469, 8171), (510, 8261), (518, 8285), (580, 8402), (584, 8417), (733, 8717), (869, 8903), (901, 8930), (916, 8951), (985, 9047), (1168, 9284), (1191, 9311), (1193, 9314),

Gene: EdElric_3 Start: 1074, Stop: 2534, Start Num: 149
Candidate Starts for EdElric_3:
(Start: 149 @1074 has 162 MA's), (Start: 154 @1080 has 4 MA's), (Start: 272 @1242 has 48 MA's), (278, 1251), (315, 1311), (348, 1380), (366, 1401), (394, 1452), (520, 1656), (642, 1869), (649, 1884), (674, 1920), (703, 1962), (739, 1995), (765, 2013), (834, 2133), (835, 2136), (848, 2148), (905, 2223), (944, 2286), (958, 2304), (960, 2307), (1098, 2469), (1104, 2478), (1110, 2487), (1135, 2526),

Gene: Eddasa_7 Start: 2562, Stop: 4208, Start Num: 73
Candidate Starts for Eddasa_7:
(Start: 73 @2562 has 95 MA's), (Start: 86 @2580 has 10 MA's), (283, 2784), (326, 2865), (400, 3000), (413, 3021), (437, 3066), (458, 3108), (497, 3180), (510, 3204), (550, 3291), (556, 3303), (584, 3357), (638, 3456), (673, 3516), (806, 3678), (811, 3687), (869, 3777), (906, 3810), (957, 3882), (959, 3885), (985, 3924), (1001, 3945), (1003, 3951), (1010, 3969), (1105, 4065), (1142, 4125),

Gene: Eddiemania_16 Start: 9670, Stop: 11415, Start Num: 187
Candidate Starts for Eddiemania_16:
(Start: 187 @9670 has 203 MA's), (195, 9676), (252, 9763), (254, 9769), (274, 9805), (302, 9859), (322, 9889), (444, 10144), (451, 10162), (454, 10165), (492, 10234), (508, 10273), (530, 10336), (555, 10393), (588, 10474), (604, 10522), (644, 10621), (647, 10627), (680, 10678), (682, 10684), (704, 10726), (726, 10750), (868, 10945), (899, 10987), (916, 11011), (929, 11032), (931, 11035), (992, 11128), (1051, 11215), (1069, 11260), (1071, 11263), (1080, 11275), (1136, 11365), (1139, 11368),

Gene: Eden_2 Start: 659, Stop: 2224, Start Num: 171

Candidate Starts for Eden_2:
(Start: 171 @659 has 84 MA's), (Start: 191 @686 has 2 MA's), (278, 815), (342, 923), (347, 929), (360, 938), (398, 1007), (425, 1049), (464, 1106), (498, 1157), (521, 1220), (672, 1535), (796, 1709), (803, 1721), (1095, 2081), (1147, 2153), (1201, 2216),

Gene: Edison31_11 Start: 6714, Stop: 8405, Start Num: 95
Candidate Starts for Edison31_11:
(Start: 95 @6714 has 435 MA's), (Start: 122 @6738 has 1 MA's), (Start: 207 @6861 has 2 MA's), (300, 6981), (311, 6993), (330, 7038), (362, 7092), (378, 7119), (386, 7134), (411, 7179), (432, 7218), (458, 7266), (469, 7287), (479, 7311), (510, 7362), (570, 7485), (620, 7617), (650, 7692), (685, 7737), (740, 7803), (800, 7878), (812, 7902), (862, 7968), (901, 8007), (904, 8010), (916, 8028), (985, 8124), (1024, 8193), (1168, 8361), (1193, 8391), (1196, 8394),

Gene: EdogawaKiddo_11 Start: 8124, Stop: 9896, Start Num: 114
Candidate Starts for EdogawaKiddo_11:
(Start: 96 @8109 has 243 MA's), (Start: 114 @8124 has 11 MA's), (Start: 120 @8130 has 11 MA's), (200, 8241), (250, 8340), (339, 8502), (381, 8574), (411, 8628), (432, 8667), (469, 8739), (510, 8829), (518, 8853), (580, 8970), (584, 8985), (622, 9093), (659, 9168), (685, 9204), (717, 9264), (806, 9384), (817, 9405), (852, 9444), (901, 9498), (904, 9501), (916, 9519), (954, 9573), (979, 9603), (985, 9615), (1070, 9705), (1083, 9723), (1168, 9852), (1191, 9879), (1193, 9882),

Gene: Edtherson_12 Start: 7504, Stop: 9192, Start Num: 95
Candidate Starts for Edtherson_12:
(Start: 95 @7504 has 435 MA's), (Start: 258 @7684 has 2 MA's), (311, 7768), (327, 7804), (339, 7831), (411, 7954), (430, 7987), (469, 8062), (510, 8152), (518, 8176), (534, 8203), (553, 8251), (615, 8395), (620, 8407), (644, 8467), (819, 8701), (832, 8713), (862, 8755), (882, 8776), (908, 8803), (985, 8911), (1070, 9001), (1139, 9106),

Gene: Eesa_3 Start: 958, Stop: 2538, Start Num: 182
Candidate Starts for Eesa_3:
(Start: 134 @892 has 16 MA's), (Start: 182 @958 has 15 MA's), (Start: 246 @1054 has 12 MA's), (252, 1063), (297, 1117), (313, 1144), (319, 1156), (334, 1195), (342, 1210), (364, 1234), (378, 1255), (521, 1507), (548, 1567), (559, 1588), (581, 1648), (593, 1678), (599, 1687), (628, 1750), (787, 1978), (804, 2017), (829, 2044), (838, 2059), (862, 2089), (903, 2128), (956, 2206), (982, 2236), (993, 2251), (1002, 2263), (1072, 2377), (1125, 2446), (1129, 2452), (1134, 2464), (1144, 2473), (1151, 2485), (1154, 2488), (1190, 2527),

Gene: Eevee_12 Start: 8663, Stop: 10423, Start Num: 187
Candidate Starts for Eevee_12:
(Start: 183 @8657 has 2 MA's), (Start: 184 @8660 has 4 MA's), (Start: 187 @8663 has 203 MA's), (204, 8684), (229, 8717), (243, 8738), (252, 8756), (254, 8762), (287, 8813), (292, 8819), (391, 9017), (399, 9035), (413, 9059), (429, 9092), (444, 9137), (454, 9158), (530, 9329), (545, 9365), (584, 9461), (588, 9467), (604, 9515), (644, 9614), (665, 9650), (682, 9677), (685, 9686), (726, 9743), (771, 9827), (778, 9839), (868, 9953), (929, 10040), (931, 10043), (1012, 10181), (1059, 10247), (1060, 10250), (1071, 10271), (1080, 10283), (1133, 10364), (1139, 10376),

Gene: Efeko_4 Start: 928, Stop: 2388, Start Num: 149
Candidate Starts for Efeko_4:
(Start: 149 @928 has 162 MA's), (239, 1048), (Start: 268 @1096 has 4 MA's), (313, 1165), (348, 1237), (366, 1258), (370, 1264), (394, 1309), (500, 1459), (517, 1504), (532, 1537), (642, 1726), (668, 1768), (674, 1777), (739, 1852), (753, 1867), (765, 1870), (804, 1951), (848, 2005), (869, 2041), (872, 2047), (941, 2134), (960, 2161), (986, 2191), (1098, 2323), (1110, 2341), (1135, 2380),

Gene: Egad_8 Start: 3619, Stop: 5367, Start Num: 187
Candidate Starts for Egad_8:
(Start: 174 @3601 has 5 MA's), (Start: 187 @3619 has 203 MA's), (252, 3712), (254, 3718), (292, 3775), (322, 3838), (413, 4015), (444, 4093), (454, 4114), (506, 4216), (530, 4285), (537, 4300), (555, 4342), (604, 4471), (634, 4546), (644, 4570), (704, 4675), (726, 4699), (778, 4783), (868, 4897), (876, 4915), (929, 4984), (931, 4987), (962, 5038), (992, 5080), (1051, 5167), (1060, 5194), (1071, 5215), (1080, 5227), (1094, 5245), (1139, 5320),

Gene: Eidsmoe_13 Start: 8139, Stop: 9926, Start Num: 96
Candidate Starts for Eidsmoe_13:
(Start: 96 @8139 has 243 MA's), (Start: 114 @8154 has 11 MA's), (Start: 120 @8160 has 11 MA's), (200, 8271), (250, 8370), (339, 8532), (381, 8604), (411, 8658), (432, 8697), (469, 8769), (510, 8859), (518, 8883), (580, 9000), (584, 9015), (622, 9123), (659, 9198), (685, 9234), (717, 9294), (806, 9414), (817, 9435), (852, 9474), (901, 9528), (904, 9531), (916, 9549), (954, 9603), (979, 9633), (985, 9645), (1070, 9735), (1083, 9753), (1168, 9882), (1191, 9909), (1193, 9912),

Gene: Eightball_3 Start: 1086, Stop: 2546, Start Num: 149
Candidate Starts for Eightball_3:
(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (642, 1881), (649, 1896), (674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: Eileen_2 Start: 625, Stop: 2373, Start Num: 201
Candidate Starts for Eileen_2:
(164, 574), (180, 601), (Start: 201 @625 has 43 MA's), (249, 685), (266, 718), (324, 820), (340, 859), (344, 865), (358, 883), (364, 898), (366, 901), (377, 919), (383, 931), (397, 961), (437, 1039), (447, 1063), (456, 1075), (476, 1114), (487, 1135), (506, 1168), (539, 1255), (541, 1261), (596, 1363), (614, 1420), (620, 1435), (641, 1474), (700, 1570), (802, 1747), (810, 1762), (824, 1786), (959, 1996), (973, 2020), (980, 2038), (994, 2068), (1003, 2083), (1023, 2125), (1042, 2152), (1066, 2176), (1073, 2185), (1142, 2290),

Gene: Ein37_5 Start: 1855, Stop: 3489, Start Num: 61
Candidate Starts for Ein37_5:
(Start: 61 @1855 has 21 MA's), (Start: 98 @1894 has 3 MA's), (156, 1942), (Start: 280 @2113 has 2 MA's), (313, 2152), (421, 2332), (427, 2341), (431, 2350), (464, 2413), (468, 2419), (511, 2503), (512, 2506), (513, 2509), (558, 2605), (559, 2608), (564, 2617), (621, 2683), (643, 2713), (658, 2740), (685, 2773), (696, 2794), (698, 2797), (767, 2893), (779, 2914), (829, 3004), (859, 3046), (869, 3064), (872, 3070), (932, 3133), (936, 3139), (939, 3142), (972, 3187), (979, 3193), (999, 3220), (1005, 3235), (1046, 3286), (1053, 3295), (1068, 3310), (1070, 3313), (1102, 3352), (1116, 3367), (1123, 3382), (1126, 3385), (1197, 3463), (1203, 3469),

Gene: Eish_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for Eish_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (Start: 158 @629 has 2 MA's), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (244, 758), (312, 845), (352, 905), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (601, 1388), (604, 1397), (711, 1568), (726, 1580), (748, 1598), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (1014, 1964), (1024, 1979), (1069, 2006), (1094, 2039), (1107, 2060), (1112, 2066), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: Ejemplo_6 Start: 2380, Stop: 4026, Start Num: 73
Candidate Starts for Ejemplo_6:
(Start: 73 @2380 has 95 MA's), (Start: 86 @2398 has 10 MA's), (283, 2602), (300, 2638), (400, 2818), (413, 2839), (458, 2926), (497, 2998), (510, 3022), (556, 3121), (565, 3136), (580, 3160), (581, 3166), (673, 3334), (719, 3394), (800, 3484), (811, 3505), (869, 3595), (959, 3703), (985, 3742), (1001, 3763), (1003, 3769), (1010, 3787), (1142, 3943), (1204, 4021),

Gene: Ekko14_3 Start: 1062, Stop: 2522, Start Num: 149
Candidate Starts for Ekko14_3:
(Start: 149 @1062 has 162 MA's), (Start: 154 @1068 has 4 MA's), (Start: 272 @1230 has 48 MA's), (278, 1239), (315, 1299), (348, 1368), (366, 1389), (394, 1440), (520, 1644), (592, 1779), (642, 1857), (649, 1872), (661, 1890), (674, 1908), (703, 1950), (739, 1983), (765, 2001), (834, 2121), (835, 2124), (848, 2136), (857, 2148), (862, 2160), (905, 2211), (941, 2268), (944, 2274), (949, 2283), (958, 2292), (960, 2295), (1098, 2457), (1104, 2466), (1110, 2475), (1135, 2514),

Gene: ElGato_7 Start: 2228, Stop: 3874, Start Num: 73
Candidate Starts for ElGato_7:
(Start: 68 @2219 has 2 MA's), (Start: 73 @2228 has 95 MA's), (Start: 74 @2231 has 1 MA's), (Start: 86 @2246 has 10 MA's), (283, 2450), (300, 2486), (326, 2531), (378, 2624), (386, 2639), (400, 2666), (405, 2675), (413, 2687), (458, 2774), (480, 2822), (510, 2870), (556, 2969), (580, 3008), (638, 3122), (647, 3143), (673, 3182), (743, 3263), (800, 3332), (803, 3338), (811, 3353), (852, 3416), (957, 3548), (985, 3590), (1003, 3617), (1010, 3635), (1072, 3683), (1142, 3791),

Gene: ElJefes_3 Start: 1422, Stop: 3047, Start Num: 191
Candidate Starts for ElJefes_3:
(Start: 143 @1371 has 83 MA's), (Start: 191 @1422 has 2 MA's), (205, 1443), (254, 1488), (300, 1566), (334, 1632), (373, 1695), (386, 1728), (405, 1764), (411, 1773), (413, 1776), (430, 1809), (434, 1824), (440, 1842), (482, 1923), (497, 1944), (514, 1980), (521, 2001), (540, 2037), (574, 2103), (598, 2157), (678, 2337), (697, 2370), (776, 2436), (778, 2439), (803, 2502), (806, 2508), (929, 2673), (954, 2706), (1003, 2775), (1081, 2853), (1083, 2856), (1141, 2946), (1145, 2952), (1165, 2973), (1213, 3033), (1214, 3036),

Gene: ElTiger69_9 Start: 5986, Stop: 7764, Start Num: 52
Candidate Starts for ElTiger69_9:
(Start: 52 @5986 has 23 MA's), (Start: 63 @6013 has 32 MA's), (Start: 105 @6073 has 1 MA's), (112, 6082), (139, 6121), (196, 6196), (200, 6202), (339, 6409), (341, 6412), (439, 6586), (510, 6718), (526, 6763), (565, 6841), (570, 6847), (632, 7012), (647, 7045), (661, 7066), (800, 7240), (812, 7264), (901, 7366), (916, 7387), (954, 7441), (979, 7471), (985, 7483), (1014, 7537), (1167, 7717), (1168, 7720), (1196, 7753), (1202, 7759),

Gene: EleanorGeorge_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for EleanorGeorge_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: ElectricPheel_5 Start: 874, Stop: 2364, Start Num: 146

Candidate Starts for ElectricPheel_5:
(Start: 146 @874 has 40 MA's), (181, 919), (255, 1021), (274, 1048), (313, 1099), (319, 1111), (330, 1141), (337, 1153), (345, 1168), (390, 1234), (422, 1279), (474, 1366), (486, 1390), (488, 1393), (491, 1396), (513, 1441), (521, 1465), (525, 1474), (562, 1540), (612, 1603), (616, 1615), (642, 1657), (650, 1675), (694, 1735), (748, 1792), (768, 1804), (789, 1846), (838, 1924), (874, 1978), (940, 2044), (945, 2053), (1002, 2128), (1005, 2137), (1018, 2164), (1081, 2221), (1122, 2275), (1175, 2347),

Gene: Elener_3 Start: 1848, Stop: 3611, Start Num: 201
Candidate Starts for Elener_3:
(Start: 201 @1848 has 43 MA's), (259, 1944), (296, 2010), (301, 2016), (318, 2043), (323, 2052), (397, 2181), (401, 2187), (456, 2295), (476, 2334), (522, 2433), (596, 2580), (943, 3207), (999, 3303), (1065, 3417), (1114, 3471), (1148, 3534),

Gene: ElephantMan_6 Start: 3734, Stop: 5473, Start Num: 187
Candidate Starts for ElephantMan_6:
(Start: 187 @3734 has 203 MA's), (254, 3833), (322, 3953), (376, 4052), (395, 4094), (413, 4124), (427, 4154), (444, 4202), (454, 4223), (506, 4325), (530, 4394), (539, 4418), (578, 4508), (604, 4580), (634, 4655), (644, 4679), (704, 4784), (726, 4808), (778, 4889), (868, 5003), (876, 5021), (879, 5027), (929, 5090), (931, 5093), (1055, 5282), (1059, 5297), (1071, 5321), (1080, 5333), (1136, 5423), (1139, 5426),

Gene: Elephantoon_13 Start: 7764, Stop: 9554, Start Num: 96
Candidate Starts for Elephantoon_13:
(Start: 96 @7764 has 243 MA's), (Start: 114 @7779 has 11 MA's), (200, 7896), (250, 7995), (339, 8157), (381, 8229), (411, 8283), (432, 8322), (469, 8394), (510, 8484), (518, 8508), (584, 8640), (622, 8748), (659, 8823), (685, 8859), (717, 8919), (775, 8979), (806, 9039), (817, 9060), (901, 9156), (904, 9159), (916, 9177), (954, 9231), (979, 9261), (985, 9273), (1072, 9366), (1083, 9381), (1119, 9432), (1168, 9510), (1191, 9537), (1193, 9540),

Gene: Elesar_5 Start: 1971, Stop: 3668, Start Num: 163
Candidate Starts for Elesar_5:
(121, 1911), (Start: 163 @1971 has 23 MA's), (233, 2091), (Start: 246 @2112 has 12 MA's), (278, 2160), (315, 2205), (316, 2208), (333, 2250), (342, 2268), (345, 2271), (364, 2292), (426, 2397), (464, 2451), (521, 2565), (559, 2646), (642, 2877), (692, 2943), (699, 2958), (758, 3033), (789, 3105), (796, 3129), (801, 3138), (822, 3168), (838, 3186), (869, 3228), (932, 3300), (982, 3339), (1008, 3384), (1054, 3432), (1072, 3459), (1075, 3462), (1078, 3468), (1095, 3489), (1119, 3519), (1125, 3531), (1181, 3609), (1215, 3657),

Gene: Elezi_2 Start: 534, Stop: 2240, Start Num: 95
Candidate Starts for Elezi_2:
(Start: 95 @534 has 435 MA's), (Start: 191 @621 has 2 MA's), (379, 906), (411, 963), (422, 984), (436, 1011), (482, 1101), (513, 1155), (532, 1200), (570, 1275), (635, 1404), (687, 1488), (710, 1527), (800, 1650), (929, 1830), (954, 1863), (985, 1905), (997, 1920), (1081, 2055), (1105, 2091), (1142, 2151), (1150, 2163),

Gene: Elinal_5 Start: 906, Stop: 2582, Start Num: 143
Candidate Starts for Elinal_5:
(Start: 143 @906 has 83 MA's), (Start: 191 @957 has 2 MA's), (205, 978), (254, 1023), (283, 1065), (300, 1101), (334, 1167), (386, 1263), (405, 1299), (411, 1308), (413, 1311), (434, 1359), (438, 1371), (482, 1458), (574, 1638), (598, 1692), (678, 1872), (697, 1905), (776, 1971), (803, 2037), (806, 2043), (862, 2127), (929, 2208), (954, 2241), (1003, 2310), (1081, 2388), (1145, 2487), (1165, 2508), (1168, 2514), (1213, 2568), (1214, 2571),

Gene: Eliott_4 Start: 1113, Stop: 2792, Start Num: 143
Candidate Starts for Eliott_4:
(Start: 143 @1113 has 83 MA's), (Start: 191 @1164 has 2 MA's), (205, 1185), (Start: 207 @1188 has 2 MA's), (252, 1224), (254, 1230), (300, 1311), (334, 1377), (339, 1386), (378, 1458), (386, 1473), (405, 1509), (411, 1518), (434, 1569), (482, 1668), (513, 1722), (532, 1758), (598, 1902), (609, 1938), (623, 1977), (635, 2010), (661, 2058), (685, 2091), (697, 2115), (738, 2148), (776, 2181), (798, 2238), (803, 2247), (859, 2331), (929, 2418), (1001, 2514), (1072, 2586), (1081, 2598), (1165, 2718), (1213, 2778), (1214, 2781),

Gene: Elite2014_7 Start: 1729, Stop: 3399, Start Num: 272
Candidate Starts for Elite2014_7:
(Start: 208 @1603 has 1 MA's), (Start: 246 @1681 has 12 MA's), (Start: 272 @1729 has 48 MA's), (309, 1792), (435, 2026), (487, 2128), (570, 2308), (576, 2332), (585, 2350), (595, 2362), (616, 2425), (621, 2437), (642, 2482), (649, 2497), (700, 2575), (728, 2620), (759, 2674), (760, 2680), (814, 2794), (841, 2842), (910, 2938), (922, 2959), (933, 2974), (1014, 3127), (1022, 3139), (1065, 3196), (1091, 3232), (1124, 3283), (1142, 3319), (1145, 3322), (1193, 3388),

Gene: Elkhorn_4 Start: 800, Stop: 2290, Start Num: 146
Candidate Starts for Elkhorn_4:
(Start: 146 @800 has 40 MA's), (181, 845), (255, 947), (274, 974), (313, 1025), (319, 1037), (330, 1067), (337, 1079), (345, 1094), (390, 1160), (422, 1205), (474, 1292), (486, 1316), (488, 1319), (491, 1322), (513, 1367), (521, 1391), (525, 1400), (562, 1466), (612, 1529), (616, 1541), (642, 1583), (650, 1601), (694, 1661), (748, 1718), (768, 1730), (781, 1754), (789, 1772), (838, 1850), (874, 1904), (930, 1958), (940, 1970), (945, 1979), (1002, 2054), (1005, 2063), (1018, 2090), (1081, 2147), (1122, 2201), (1175, 2273),

Gene: Elle_12 Start: 6396, Stop: 8096, Start Num: 96
Candidate Starts for Elle_12:
(Start: 96 @6396 has 243 MA's), (Start: 118 @6414 has 1 MA's), (411, 6858), (469, 6966), (510, 7056), (518, 7080), (580, 7197), (650, 7386), (732, 7485), (812, 7596), (985, 7815), (1119, 7974), (1168, 8052), (1191, 8079), (1193, 8082), (1196, 8085),

Gene: Ellson_5 Start: 1202, Stop: 2767, Start Num: 93
Candidate Starts for Ellson_5:
(64, 1151), (Start: 68 @1160 has 2 MA's), (Start: 93 @1202 has 92 MA's), (Start: 99 @1208 has 9 MA's), (238, 1379), (313, 1484), (316, 1490), (319, 1496), (413, 1652), (419, 1661), (420, 1664), (422, 1667), (464, 1742), (494, 1796), (496, 1799), (498, 1802), (637, 2033), (685, 2108), (694, 2129), (699, 2135), (722, 2162), (759, 2204), (776, 2228), (786, 2246), (790, 2261), (867, 2375), (907, 2414), (912, 2420), (962, 2486), (1001, 2540), (1016, 2576), (1024, 2588), (1078, 2627), (1143, 2714), (1181, 2759), (1183, 2762),

Gene: Elph10_9 Start: 2280, Stop: 3950, Start Num: 272
Candidate Starts for Elph10_9:
(Start: 272 @2280 has 48 MA's), (309, 2343), (435, 2577), (487, 2679), (570, 2859), (576, 2883), (585, 2901), (595, 2913), (616, 2976), (621, 2988), (642, 3033), (649, 3048), (700, 3126), (728, 3171), (759, 3225), (760, 3231), (814, 3345), (910, 3489), (933, 3525), (1014, 3678), (1022, 3690), (1065, 3747), (1091, 3783), (1124, 3834), (1142, 3870), (1145, 3873), (1193, 3939),

Gene: Elsa_8 Start: 4237, Stop: 5991, Start Num: 187
Candidate Starts for Elsa_8:
(151, 4183), (Start: 183 @4231 has 2 MA's), (Start: 187 @4237 has 203 MA's), (252, 4330), (254, 4336), (395, 4603), (413, 4633), (427, 4663), (444, 4711), (451, 4729), (454, 4732), (476, 4774), (530, 4903), (604, 5089), (644, 5188), (685, 5260), (726, 5317), (771, 5395), (778, 5407), (868, 5521), (876,

5539), (914, 5584), (929, 5608), (931, 5611), (954, 5650), (1051, 5791), (1069, 5836), (1071, 5839), (1080, 5851), (1114, 5899), (1133, 5932), (1136, 5941), (1139, 5944),

Gene: Elspeth_3 Start: 1062, Stop: 2522, Start Num: 149
Candidate Starts for Elspeth_3:
(Start: 149 @1062 has 162 MA's), (Start: 154 @1068 has 4 MA's), (Start: 272 @1230 has 48 MA's), (278, 1239), (315, 1299), (348, 1368), (366, 1389), (394, 1440), (520, 1644), (592, 1779), (642, 1857), (649, 1872), (661, 1890), (674, 1908), (703, 1950), (739, 1983), (765, 2001), (834, 2121), (835, 2124), (848, 2136), (857, 2148), (862, 2160), (905, 2211), (941, 2268), (944, 2274), (949, 2283), (958, 2292), (960, 2295), (1098, 2457), (1104, 2466), (1110, 2475), (1135, 2514),

Gene: Elva_4 Start: 1014, Stop: 2639, Start Num: 171
Candidate Starts for Elva_4:
(Start: 171 @1014 has 84 MA's), (278, 1170), (319, 1224), (342, 1278), (398, 1362), (422, 1398), (426, 1407), (498, 1512), (500, 1515), (521, 1575), (531, 1593), (532, 1596), (542, 1623), (558, 1653), (628, 1815), (782, 2031), (829, 2106), (838, 2121), (1095, 2472),

Gene: Elver_16 Start: 7584, Stop: 9368, Start Num: 187
Candidate Starts for Elver_16:
(Start: 183 @7578 has 2 MA's), (Start: 187 @7584 has 203 MA's), (254, 7683), (345, 7857), (388, 7932), (413, 7980), (444, 8058), (451, 8076), (454, 8079), (492, 8148), (530, 8250), (549, 8295), (555, 8307), (578, 8364), (604, 8436), (644, 8535), (680, 8592), (685, 8607), (726, 8664), (771, 8733), (778, 8745), (833, 8838), (868, 8898), (876, 8916), (879, 8922), (929, 8985), (931, 8988), (954, 9027), (1045, 9159), (1059, 9192), (1071, 9216), (1080, 9228), (1094, 9246), (1136, 9318), (1139, 9321),

Gene: Emaanora_8 Start: 2376, Stop: 4022, Start Num: 73
Candidate Starts for Emaanora_8:
(Start: 73 @2376 has 95 MA's), (Start: 86 @2394 has 10 MA's), (Start: 207 @2526 has 2 MA's), (283, 2598), (300, 2634), (400, 2814), (413, 2835), (458, 2922), (497, 2994), (510, 3018), (556, 3117), (565, 3132), (580, 3156), (581, 3162), (673, 3330), (800, 3480), (811, 3501), (852, 3564), (869, 3591), (959, 3699), (985, 3738), (1001, 3759), (1003, 3765), (1010, 3783), (1105, 3879), (1142, 3939), (1204, 4017),

Gene: Emalyn_3 Start: 805, Stop: 2487, Start Num: 143
Candidate Starts for Emalyn_3:
(Start: 143 @805 has 83 MA's), (Start: 191 @856 has 2 MA's), (205, 877), (Start: 207 @880 has 2 MA's), (300, 1003), (326, 1048), (339, 1078), (378, 1150), (386, 1165), (405, 1201), (411, 1210), (413, 1213), (434, 1261), (469, 1330), (482, 1360), (497, 1381), (514, 1417), (532, 1450), (583, 1555), (598, 1594), (609, 1630), (623, 1669), (635, 1702), (661, 1750), (685, 1783), (697, 1807), (738, 1840), (803, 1939), (806, 1945), (859, 2023), (901, 2068), (929, 2110), (1001, 2206), (1047, 2254), (1110, 2329), (1165, 2410), (1213, 2473), (1214, 2476),

Gene: EmiMonkey_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for EmiMonkey_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Emianna_24 Start: 13154, Stop: 14881, Start Num: 110
Candidate Starts for Emianna_24:
(22, 12920), (49, 13049), (Start: 110 @13154 has 12 MA's), (222, 13304), (247, 13355), (251, 13361), (281, 13400), (299, 13430), (315, 13454), (324, 13472), (332, 13499), (359, 13562), (369, 13580), (514, 13865), (523, 13892), (565, 13976), (604, 14060), (608, 14072), (621, 14105), (675, 14183), (741, 14261), (800, 14333), (818, 14366), (855, 14429), (869, 14456), (893, 14480), (908, 14504), (988, 14603), (1013, 14651), (1139, 14789), (1157, 14819), (1200, 14873),

Gene: Emma_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Emma_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Emmina_8 Start: 1834, Stop: 3504, Start Num: 269
Candidate Starts for Emmina_8:
(Start: 269 @1834 has 11 MA's), (435, 2131), (487, 2233), (570, 2413), (576, 2437), (585, 2455), (595, 2467), (616, 2530), (621, 2542), (642, 2587), (649, 2602), (700, 2680), (728, 2725), (759, 2779), (760, 2785), (814, 2899), (841, 2947), (910, 3043), (922, 3064), (933, 3079), (1014, 3232), (1022, 3244), (1065, 3301), (1091, 3337), (1124, 3388), (1142, 3424), (1145, 3427), (1193, 3493),

Gene: Emotion_2 Start: 551, Stop: 2290, Start Num: 96
Candidate Starts for Emotion_2:
(88, 539), (Start: 96 @551 has 243 MA's), (144, 611), (219, 716), (365, 932), (373, 944), (400, 995), (411, 1013), (813, 1733), (985, 1961), (997, 1976), (1113, 2147), (1150, 2213), (1201, 2276),

Gene: Empress_2 Start: 571, Stop: 2208, Start Num: 111
Candidate Starts for Empress_2:
(Start: 111 @571 has 202 MA's), (Start: 118 @580 has 1 MA's), (Start: 129 @595 has 79 MA's), (Start: 185 @652 has 2 MA's), (188, 655), (224, 718), (244, 757), (312, 844), (352, 904), (369, 916), (377, 928), (381, 937), (383, 940), (392, 961), (404, 982), (440, 1054), (461, 1093), (502, 1162), (505, 1168), (514, 1198), (515, 1201), (518, 1210), (523, 1225), (534, 1243), (557, 1294), (601, 1387), (604, 1396), (711, 1567), (726, 1579), (800, 1663), (816, 1693), (818, 1696), (820, 1699), (869, 1756), (884, 1771), (889, 1777), (893, 1780), (901, 1795), (908, 1804), (957, 1873), (982, 1903), (988, 1912), (1006, 1945), (1024, 1978), (1069, 2005), (1094, 2038), (1114, 2068), (1127, 2089), (1139, 2113), (1142, 2122), (1145, 2125), (1184, 2182),

Gene: EmyBug_13 Start: 8160, Stop: 9926, Start Num: 120
Candidate Starts for EmyBug_13:
(Start: 96 @8139 has 243 MA's), (Start: 114 @8154 has 11 MA's), (Start: 120 @8160 has 11 MA's), (200, 8271), (250, 8370), (339, 8532), (381, 8604), (411, 8658), (432, 8697), (469, 8769), (510, 8859), (518, 8883), (580, 9000), (584, 9015), (622, 9123), (659, 9198), (685, 9234), (717, 9294), (806, 9414), (817, 9435), (852, 9474), (901, 9528), (904, 9531), (916, 9549), (954, 9603), (979, 9633), (985, 9645), (1070, 9735), (1083, 9753), (1168, 9882), (1191, 9909), (1193, 9912),

Gene: EnalisNailo_2 Start: 485, Stop: 2284, Start Num: 71

Candidate Starts for EnalisNailo_2:
(Start: 71 @485 has 22 MA's), (170, 623), (195, 650), (295, 782), (300, 797), (347, 881), (365, 911), (373, 923), (378, 932), (398, 971), (411, 992), (441, 1052), (456, 1076), (495, 1148), (513, 1184), (527, 1220), (571, 1310), (580, 1331), (596, 1376), (598, 1382), (603, 1400), (608, 1415), (745, 1589), (778, 1616), (813, 1685), (817, 1691), (862, 1757), (869, 1769), (884, 1796), (959, 1907), (979, 1943), (985, 1955), (990, 1961), (1000, 1979), (1011, 2006), (1025, 2030), (1077, 2093), (1105, 2135), (1141, 2192), (1150, 2207), (1165, 2222), (1204, 2270), (1206, 2273),

Gene: Enceladus_4 Start: 1053, Stop: 2636, Start Num: 93
Candidate Starts for Enceladus_4:
(Start: 93 @1053 has 92 MA's), (Start: 99 @1059 has 9 MA's), (238, 1230), (304, 1317), (313, 1335), (316, 1341), (330, 1377), (420, 1515), (422, 1518), (464, 1593), (496, 1650), (498, 1653), (591, 1821), (632, 1875), (637, 1884), (643, 1899), (653, 1920), (685, 1959), (694, 1980), (699, 1986), (722, 2013), (759, 2055), (776, 2079), (786, 2097), (789, 2106), (790, 2112), (804, 2145), (834, 2178), (862, 2217), (865, 2223), (867, 2226), (912, 2271), (962, 2337), (999, 2388), (1008, 2412), (1016, 2427), (1018, 2430), (1125, 2532), (1140, 2559), (1181, 2610), (1183, 2613),

Gene: EndAve_17 Start: 10501, Stop: 12246, Start Num: 187
Candidate Starts for EndAve_17:
(Start: 187 @10501 has 203 MA's), (195, 10507), (252, 10594), (254, 10600), (274, 10636), (302, 10690), (309, 10696), (361, 10792), (395, 10867), (444, 10975), (454, 10996), (492, 11065), (530, 11167), (555, 11224), (578, 11281), (582, 11293), (604, 11353), (644, 11452), (647, 11458), (682, 11515), (726, 11581), (863, 11767), (868, 11776), (899, 11818), (916, 11842), (929, 11863), (931, 11866), (1069, 12091), (1071, 12094), (1080, 12106), (1136, 12196), (1139, 12199),

Gene: EniyanLRS_23 Start: 7822, Stop: 9435, Start Num: 108
Candidate Starts for EniyanLRS_23:
(Start: 108 @7822 has 5 MA's), (238, 7972), (248, 7990), (Start: 268 @8023 has 4 MA's), (278, 8035), (317, 8086), (319, 8089), (339, 8137), (342, 8143), (374, 8182), (377, 8185), (392, 8218), (432, 8287), (470, 8353), (478, 8371), (494, 8395), (498, 8401), (540, 8506), (572, 8548), (589, 8566), (592, 8575), (741, 8779), (747, 8785), (762, 8818), (862, 8983), (867, 8992), (870, 8998), (872, 9001), (930, 9076), (959, 9109), (968, 9124), (1016, 9205), (1140, 9358), (1153, 9379), (1155, 9382),

Gene: Ennea_30 Start: 13824, Stop: 15503, Start Num: 111
Candidate Starts for Ennea_30:
(Start: 111 @13824 has 202 MA's), (222, 13974), (251, 14031), (Start: 272 @14058 has 48 MA's), (281, 14070), (303, 14109), (324, 14142), (514, 14484), (523, 14511), (604, 14679), (608, 14691), (621, 14724), (675, 14802), (775, 14904), (839, 15018), (893, 15099), (901, 15114), (929, 15156), (988, 15222), (996, 15234), (1013, 15270), (1063, 15297), (1112, 15366), (1114, 15369), (1157, 15438),

Gene: EnochSoames_7 Start: 2576, Stop: 4204, Start Num: 86
Candidate Starts for EnochSoames_7:
(Start: 73 @2558 has 95 MA's), (Start: 86 @2576 has 10 MA's), (283, 2780), (326, 2861), (400, 2996), (413, 3017), (437, 3062), (458, 3104), (497, 3176), (510, 3200), (550, 3287), (556, 3299), (584, 3353), (638, 3452), (673, 3512), (806, 3674), (811, 3683), (869, 3773), (906, 3806), (957, 3878), (959, 3881), (985, 3920), (1001, 3941), (1003, 3947), (1010, 3965), (1105, 4061), (1142, 4121),

Gene: EnzoK_12 Start: 7238, Stop: 8926, Start Num: 95
Candidate Starts for EnzoK_12:
(Start: 95 @7238 has 435 MA's), (311, 7502), (323, 7526), (411, 7688), (430, 7721), (469, 7796), (510, 7886), (518, 7910), (534, 7937), (553, 7985), (620, 8141), (644, 8201), (819, 8435), (832, 8447), (862, 8489), (882, 8510), (908, 8537), (985, 8645), (1070, 8735), (1139, 8840),

Gene: Enzomatic_2 Start: 652, Stop: 2208, Start Num: 185
Candidate Starts for Enzomatic_2:
(Start: 111 @571 has 202 MA's), (Start: 118 @580 has 1 MA's), (Start: 129 @595 has 79 MA's), (Start: 158 @628 has 2 MA's), (Start: 185 @652 has 2 MA's), (188, 655), (224, 718), (244, 757), (312, 844), (352, 904), (377, 928), (381, 937), (383, 940), (392, 961), (404, 982), (415, 997), (440, 1054), (461, 1093), (502, 1162), (505, 1168), (514, 1198), (515, 1201), (518, 1210), (523, 1225), (534, 1243), (557, 1294), (601, 1387), (604, 1396), (711, 1567), (726, 1579), (800, 1663), (816, 1693), (818, 1696), (820, 1699), (869, 1756), (884, 1771), (889, 1777), (893, 1780), (901, 1795), (908, 1804), (957, 1873), (982, 1903), (988, 1912), (1006, 1945), (1014, 1963), (1024, 1978), (1069, 2005), (1094, 2038), (1112, 2065), (1114, 2068), (1127, 2089), (1139, 2113), (1142, 2122), (1145, 2125), (1184, 2182),

Gene: EpicPhail_13 Start: 6957, Stop: 8657, Start Num: 102
Candidate Starts for EpicPhail_13:
(Start: 102 @6957 has 88 MA's), (137, 7005), (253, 7140), (362, 7332), (411, 7419), (510, 7617), (550, 7707), (583, 7770), (644, 7932), (800, 8130), (812, 8154), (813, 8157), (862, 8220), (882, 8241), (916, 8280), (985, 8376), (1014, 8430), (1070, 8466), (1168, 8613), (1193, 8643), (1196, 8646),

Gene: Epsocamisio_14 Start: 6686, Stop: 8383, Start Num: 96
Candidate Starts for Epsocamisio_14:
(Start: 96 @6686 has 243 MA's), (Start: 118 @6704 has 1 MA's), (253, 6866), (339, 7022), (381, 7091), (411, 7145), (469, 7253), (480, 7280), (510, 7343), (518, 7367), (812, 7883), (862, 7946), (904, 7988), (985, 8102), (1081, 8207), (1168, 8339), (1191, 8366), (1193, 8369), (1196, 8372),

Gene: Equemioh13_14 Start: 7926, Stop: 9713, Start Num: 96
Candidate Starts for Equemioh13_14:
(23, 7740), (50, 7842), (Start: 96 @7926 has 243 MA's), (179, 8034), (193, 8055), (241, 8145), (250, 8163), (381, 8394), (408, 8445), (411, 8448), (469, 8556), (510, 8646), (518, 8670), (584, 8802), (800, 9189), (901, 9315), (916, 9336), (979, 9420), (985, 9432), (1168, 9669), (1191, 9696), (1193, 9699), (1196, 9702), (1199, 9705),

Gene: Eradicator_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for Eradicator_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (147, 617), (Start: 185 @653 has 2 MA's), (188, 656), (200, 674), (224, 719), (244, 758), (312, 845), (315, 851), (352, 905), (369, 917), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (601, 1388), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1024, 1979), (1069, 2006), (1094, 2039), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: Eraser_2 Start: 534, Stop: 2240, Start Num: 95
Candidate Starts for Eraser_2:
(Start: 95 @534 has 435 MA's), (Start: 191 @621 has 2 MA's), (379, 906), (411, 963), (422, 984), (436, 1011), (482, 1101), (513, 1155), (532, 1200), (570, 1275), (604, 1365), (687, 1488), (710, 1527), (800, 1650), (929, 1830), (954, 1863), (985, 1905), (997, 1920), (1081, 2055), (1105, 2091), (1142, 2151), (1150, 2163),

Gene: EricB_15 Start: 7524, Stop: 9278, Start Num: 96
Candidate Starts for EricB_15:
(Start: 96 @7524 has 243 MA's), (250, 7755), (283, 7806), (300, 7842), (339, 7917), (411, 8040), (432, 8079), (469, 8148), (479, 8172), (480, 8175), (510, 8238), (518, 8262), (570, 8361), (571, 8364), (583,

8391), (584, 8394), (740, 8679), (806, 8766), (812, 8778), (862, 8841), (901, 8880), (916, 8901), (979, 8985), (985, 8997), (1168, 9234), (1191, 9261), (1193, 9264),

Gene: Erik_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Erik_8:
(Start: 104 @3156 has 36 MA's), (Start: 258 @3342 has 2 MA's), (300, 3414), (311, 3426), (323, 3450), (327, 3462), (411, 3615), (420, 3630), (449, 3690), (510, 3798), (534, 3855), (618, 4053), (623, 4071), (647, 4125), (778, 4269), (800, 4311), (817, 4344), (869, 4413), (985, 4557), (1010, 4602), (1081, 4662), (1142, 4761), (1168, 4794), (1191, 4821), (1193, 4824), (1196, 4827),

Gene: Erin_3 Start: 1074, Stop: 2534, Start Num: 149
Candidate Starts for Erin_3:
(Start: 149 @1074 has 162 MA's), (Start: 154 @1080 has 4 MA's), (Start: 272 @1242 has 48 MA's), (278, 1251), (315, 1311), (348, 1380), (366, 1401), (394, 1452), (520, 1656), (642, 1869), (649, 1884), (674, 1920), (703, 1962), (739, 1995), (765, 2013), (834, 2133), (835, 2136), (848, 2148), (905, 2223), (944, 2286), (958, 2304), (960, 2307), (1098, 2469), (1104, 2478), (1110, 2487), (1135, 2526),

Gene: Eris_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Eris_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Eros_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Eros_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Esketit_8 Start: 3146, Stop: 4891, Start Num: 187
Candidate Starts for Esketit_8:
(Start: 187 @3146 has 203 MA's), (229, 3200), (231, 3203), (252, 3239), (254, 3245), (380, 3479), (430, 3578), (444, 3620), (454, 3641), (476, 3683), (480, 3695), (522, 3794), (530, 3812), (545, 3848), (634, 4073), (644, 4097), (647, 4103), (726, 4226), (771, 4295), (863, 4412), (876, 4439), (929, 4508), (931, 4511), (962, 4562), (1012, 4649), (1059, 4715), (1069, 4736), (1071, 4739), (1080, 4751), (1094, 4769), (1136, 4841), (1139, 4844),

Gene: Esperer_6 Start: 2420, Stop: 4048, Start Num: 86
Candidate Starts for Esperer_6:
(Start: 73 @2402 has 95 MA's), (Start: 86 @2420 has 10 MA's), (283, 2624), (326, 2705), (400, 2840), (413, 2861), (458, 2948), (497, 3020), (510, 3044), (556, 3143), (584, 3197), (638, 3296), (673, 3356), (806, 3518), (811, 3527), (869, 3617), (901, 3644), (957, 3722), (959, 3725), (985, 3764), (1001, 3785), (1003, 3791), (1010, 3809), (1105, 3905), (1142, 3965),

Gene: Espica_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Espica_8:
(Start: 104 @3156 has 36 MA's), (Start: 258 @3342 has 2 MA's), (300, 3414), (311, 3426), (323, 3450), (327, 3462), (411, 3615), (420, 3630), (449, 3690), (510, 3798), (534, 3855), (618, 4053), (623, 4071), (647, 4125), (742, 4236), (778, 4269), (800, 4311), (817, 4344), (869, 4413), (985, 4557), (1010, 4602),

(1081, 4662), (1142, 4761), (1168, 4794), (1191, 4821), (1193, 4824), (1196, 4827),

Gene: Espio_7 Start: 2850, Stop: 4595, Start Num: 187
Candidate Starts for Espio_7:
(Start: 187 @2850 has 203 MA's), (229, 2904), (231, 2907), (252, 2943), (254, 2949), (380, 3183), (430, 3282), (444, 3324), (454, 3345), (476, 3387), (480, 3399), (522, 3498), (530, 3516), (545, 3552), (634, 3777), (644, 3801), (647, 3807), (726, 3930), (771, 3999), (863, 4116), (876, 4143), (929, 4212), (931, 4215), (962, 4266), (1012, 4353), (1059, 4419), (1071, 4443), (1080, 4455), (1094, 4473), (1136, 4545), (1139, 4548),

Gene: Espresso_11 Start: 7100, Stop: 8788, Start Num: 95
Candidate Starts for Espresso_11:
(Start: 95 @7100 has 435 MA's), (311, 7364), (323, 7388), (411, 7550), (430, 7583), (469, 7658), (510, 7748), (518, 7772), (534, 7799), (553, 7847), (565, 7865), (591, 7916), (615, 7991), (620, 8003), (644, 8063), (819, 8297), (832, 8309), (862, 8351), (882, 8372), (908, 8399), (985, 8507), (1070, 8597), (1139, 8702),

Gene: Estave1_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for Estave1_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (Start: 158 @629 has 2 MA's), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (244, 758), (312, 845), (352, 905), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (415, 998), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (584, 1346), (601, 1388), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1014, 1964), (1024, 1979), (1069, 2006), (1112, 2066), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: EstebanJulior_2 Start: 426, Stop: 1991, Start Num: 129
Candidate Starts for EstebanJulior_2:
(Start: 129 @426 has 79 MA's), (Start: 268 @636 has 4 MA's), (316, 696), (330, 732), (342, 756), (364, 780), (425, 882), (452, 942), (496, 1011), (500, 1017), (521, 1077), (548, 1137), (569, 1173), (625, 1236), (637, 1266), (692, 1362), (768, 1449), (804, 1524), (834, 1557), (861, 1593), (923, 1668), (939, 1689), (941, 1692), (1008, 1755), (1022, 1779), (1095, 1857), (1192, 1977),

Gene: Estes_19 Start: 5466, Stop: 7007, Start Num: 130
Candidate Starts for Estes_19:
(Start: 130 @5466 has 21 MA's), (Start: 132 @5469 has 2 MA's), (266, 5652), (281, 5670), (310, 5703), (315, 5712), (342, 5775), (392, 5850), (494, 6003), (512, 6042), (561, 6135), (572, 6156), (676, 6303), (715, 6363), (834, 6510), (857, 6537), (912, 6615), (959, 6675), (977, 6702), (1158, 6957),

Gene: Et2Brutus_11 Start: 8027, Stop: 9790, Start Num: 96
Candidate Starts for Et2Brutus_11:
(Start: 96 @8027 has 243 MA's), (Start: 120 @8048 has 11 MA's), (179, 8135), (250, 8264), (262, 8288), (300, 8351), (381, 8495), (408, 8546), (411, 8549), (469, 8660), (479, 8684), (480, 8687), (510, 8750), (513, 8759), (518, 8774), (580, 8891), (584, 8906), (605, 8966), (638, 9050), (806, 9278), (812, 9290), (852, 9338), (862, 9353), (901, 9392), (916, 9413), (942, 9452), (979, 9497), (985, 9509), (1168, 9746), (1191, 9773),

Gene: EtoileNova_12 Start: 7047, Stop: 8744, Start Num: 95
Candidate Starts for EtoileNova_12:
(Start: 95 @7047 has 435 MA's), (Start: 122 @7071 has 1 MA's), (311, 7317), (403, 7491), (411, 7503), (432, 7542), (438, 7554), (469, 7611), (479, 7635), (510, 7701), (513, 7710), (550, 7791), (570, 7824),

(620, 7956), (623, 7968), (647, 8022), (661, 8043), (685, 8076), (732, 8130), (800, 8217), (812, 8241), (813, 8244), (817, 8250), (825, 8259), (862, 8307), (901, 8346), (904, 8349), (916, 8367), (985, 8463), (1014, 8517), (1145, 8670), (1168, 8700), (1193, 8730), (1196, 8733),

Gene: Eudoria_2 Start: 498, Stop: 2222, Start Num: 201
Candidate Starts for Eudoria_2:
(Start: 190 @483 has 1 MA's), (Start: 201 @498 has 43 MA's), (259, 588), (393, 828), (397, 834), (411, 858), (438, 915), (476, 987), (571, 1185), (590, 1227), (596, 1233), (626, 1317), (641, 1344), (711, 1455), (725, 1482), (826, 1659), (999, 1932), (1001, 1935), (1003, 1941), (1011, 1962), (1034, 2001), (1066, 2049), (1073, 2058), (1091, 2082), (1114, 2100), (1145, 2157), (1194, 2214),

Gene: Eula_3 Start: 676, Stop: 2304, Start Num: 171
Candidate Starts for Eula_3:
(Start: 171 @676 has 84 MA's), (278, 832), (342, 940), (398, 1024), (415, 1048), (425, 1066), (464, 1123), (498, 1174), (500, 1177), (521, 1237), (531, 1255), (542, 1285), (558, 1315), (829, 1771), (838, 1786), (1095, 2137), (1215, 2293),

Gene: Eunoia_2 Start: 429, Stop: 1994, Start Num: 129
Candidate Starts for Eunoia_2:
(Start: 129 @429 has 79 MA's), (Start: 245 @600 has 2 MA's), (313, 693), (342, 759), (364, 783), (394, 837), (464, 966), (521, 1080), (548, 1140), (564, 1170), (637, 1269), (642, 1284), (692, 1365), (768, 1452), (804, 1527), (806, 1530), (834, 1560), (907, 1644), (939, 1692), (983, 1716), (1054, 1806), (1095, 1860), (1151, 1941), (1192, 1980),

Gene: Euphoria_11 Start: 6996, Stop: 8684, Start Num: 95
Candidate Starts for Euphoria_11:
(Start: 95 @6996 has 435 MA's), (311, 7260), (323, 7284), (411, 7446), (430, 7479), (469, 7554), (510, 7644), (518, 7668), (534, 7695), (553, 7743), (591, 7812), (620, 7899), (644, 7959), (813, 8184), (819, 8193), (832, 8205), (862, 8247), (882, 8268), (908, 8295), (985, 8403), (1070, 8493), (1139, 8598),

Gene: Euratis_2 Start: 596, Stop: 2176, Start Num: 271
Candidate Starts for Euratis_2:
(Start: 271 @596 has 3 MA's), (372, 767), (411, 833), (435, 881), (439, 893), (475, 962), (476, 965), (487, 986), (489, 989), (504, 1016), (513, 1037), (528, 1070), (550, 1121), (638, 1304), (666, 1343), (683, 1364), (744, 1475), (759, 1496), (835, 1637), (841, 1643), (842, 1646), (872, 1694), (910, 1742), (974, 1847), (975, 1850), (984, 1868), (1003, 1895), (1028, 1943), (1088, 2024), (1118, 2051), (1163, 2123),

Gene: Eurydice_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Eurydice_11:
(27, 6707), (30, 6725), (35, 6755), (Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Evanesce_5 Start: 1894, Stop: 3489, Start Num: 98
Candidate Starts for Evanesce_5:
(Start: 61 @1855 has 21 MA's), (Start: 98 @1894 has 3 MA's), (156, 1942), (Start: 280 @2113 has 2 MA's), (313, 2152), (421, 2332), (427, 2341), (431, 2350), (464, 2413), (468, 2419), (511, 2503), (512, 2506), (513, 2509), (558, 2605), (559, 2608), (564, 2617), (621, 2683), (643, 2713), (658, 2740), (685, 2773), (696, 2794), (698, 2797), (767, 2893), (779, 2914), (829, 3004), (859, 3046), (869, 3064), (872, 3070), (932, 3133), (936, 3139), (939, 3142), (972, 3187), (979, 3193), (999, 3220), (1005, 3235),

(1046, 3286), (1053, 3295), (1068, 3310), (1070, 3313), (1102, 3352), (1116, 3367), (1123, 3382), (1126, 3385), (1197, 3463), (1203, 3469),

Gene: EvenBluerMoon_3 Start: 1241, Stop: 2836, Start Num: 161
Candidate Starts for EvenBluerMoon_3:
(Start: 161 @1241 has 13 MA's), (330, 1499), (342, 1523), (347, 1529), (521, 1820), (536, 1850), (559, 1901), (564, 1910), (621, 2012), (625, 2024), (701, 2147), (796, 2276), (956, 2504), (991, 2546), (1190, 2825),

Gene: Eviarto_2 Start: 498, Stop: 2222, Start Num: 201
Candidate Starts for Eviarto_2:
(Start: 190 @483 has 1 MA's), (Start: 201 @498 has 43 MA's), (259, 588), (383, 804), (393, 828), (397, 834), (411, 858), (438, 915), (476, 987), (571, 1185), (590, 1227), (596, 1233), (626, 1317), (641, 1344), (711, 1455), (725, 1482), (826, 1659), (999, 1932), (1001, 1935), (1003, 1941), (1011, 1962), (1034, 2001), (1066, 2049), (1073, 2058), (1091, 2082), (1114, 2100), (1145, 2157), (1194, 2214),

Gene: EvilGenius_14 Start: 7834, Stop: 9621, Start Num: 96
Candidate Starts for EvilGenius_14:
(Start: 96 @7834 has 243 MA's), (179, 7942), (193, 7963), (250, 8071), (300, 8158), (381, 8302), (408, 8353), (411, 8356), (469, 8464), (510, 8554), (518, 8578), (580, 8695), (584, 8710), (733, 9010), (869, 9196), (901, 9223), (916, 9244), (985, 9340), (1168, 9577), (1193, 9607),

Gene: Exile_2 Start: 568, Stop: 2271, Start Num: 95
Candidate Starts for Exile_2:
(Start: 95 @568 has 435 MA's), (300, 790), (327, 838), (373, 919), (411, 988), (436, 1036), (482, 1129), (513, 1183), (604, 1393), (985, 1939), (997, 1954), (1150, 2194), (1165, 2209), (1201, 2257),

Gene: Expelliarmus_8 Start: 5669, Stop: 7423, Start Num: 63
Candidate Starts for Expelliarmus_8:
(Start: 63 @5669 has 32 MA's), (Start: 86 @5711 has 10 MA's), (Start: 125 @5750 has 1 MA's), (200, 5858), (339, 6065), (449, 6266), (510, 6374), (570, 6503), (632, 6668), (647, 6701), (743, 6821), (800, 6896), (882, 7007), (901, 7025), (916, 7046), (954, 7100), (985, 7142), (1081, 7247), (1142, 7346), (1168, 7379), (1196, 7412), (1202, 7418),

Gene: ExplosioNervosa_13 Start: 8157, Stop: 9929, Start Num: 114
Candidate Starts for ExplosioNervosa_13:
(Start: 96 @8142 has 243 MA's), (Start: 114 @8157 has 11 MA's), (Start: 120 @8163 has 11 MA's), (200, 8274), (250, 8373), (339, 8535), (381, 8607), (411, 8661), (432, 8700), (469, 8772), (510, 8862), (518, 8886), (580, 9003), (584, 9018), (622, 9126), (659, 9201), (685, 9237), (717, 9297), (806, 9417), (817, 9438), (852, 9477), (901, 9531), (904, 9534), (916, 9552), (954, 9606), (979, 9636), (985, 9648), (1070, 9738), (1083, 9756), (1168, 9885), (1191, 9912), (1193, 9915),

Gene: Eyeball_11 Start: 6743, Stop: 8431, Start Num: 95
Candidate Starts for Eyeball_11:
(Start: 95 @6743 has 435 MA's), (311, 7007), (323, 7031), (411, 7193), (430, 7226), (469, 7301), (510, 7391), (518, 7415), (534, 7442), (553, 7490), (620, 7646), (644, 7706), (813, 7931), (819, 7940), (832, 7952), (862, 7994), (882, 8015), (908, 8042), (985, 8150), (1070, 8240), (1139, 8345),

Gene: Eyoseyas_2 Start: 361, Stop: 1926, Start Num: 93
Candidate Starts for Eyoseyas_2:
(Start: 93 @361 has 92 MA's), (Start: 132 @412 has 2 MA's), (Start: 138 @424 has 4 MA's), (157, 448), (175, 472), (255, 583), (274, 610), (319, 673), (330, 703), (334, 712), (345, 730), (422, 841), (437, 874), (488, 955), (513, 1003), (551, 1084), (642, 1219), (657, 1246), (694, 1297), (722, 1330), (861,

1513), (940, 1606), (967, 1645), (970, 1651), (980, 1660), (1005, 1699), (1081, 1783), (1095, 1798), (1134, 1858), (1153, 1888),

Gene: FF47_05 Start: 1775, Stop: 3439, Start Num: 143
Candidate Starts for FF47_05:
(Start: 143 @1775 has 83 MA's), (Start: 182 @1814 has 15 MA's), (200, 1838), (300, 1967), (375, 2099), (378, 2114), (386, 2129), (411, 2174), (434, 2222), (450, 2258), (480, 2315), (497, 2339), (514, 2375), (604, 2573), (609, 2588), (623, 2627), (704, 2774), (800, 2894), (869, 2999), (959, 3107), (981, 3137), (1001, 3164), (1005, 3176), (1047, 3212), (1050, 3215), (1122, 3308), (1157, 3365),

Gene: Faith1_4 Start: 1069, Stop: 2637, Start Num: 93
Candidate Starts for Faith1_4:
(Start: 93 @1069 has 92 MA's), (Start: 99 @1075 has 9 MA's), (228, 1231), (419, 1528), (422, 1534), (450, 1594), (494, 1666), (498, 1672), (509, 1693), (558, 1792), (591, 1840), (632, 1894), (643, 1918), (671, 1963), (676, 1969), (694, 1999), (699, 2005), (722, 2032), (729, 2041), (776, 2098), (779, 2104), (789, 2125), (790, 2131), (838, 2206), (845, 2209), (867, 2245), (912, 2290), (962, 2356), (1008, 2431), (1018, 2449), (1024, 2458), (1158, 2605), (1181, 2629), (1183, 2632),

Gene: Faiyaz_9 Start: 4674, Stop: 6299, Start Num: 120
Candidate Starts for Faiyaz_9:
(57, 4593), (67, 4611), (97, 4650), (Start: 108 @4662 has 5 MA's), (Start: 114 @4668 has 11 MA's), (Start: 120 @4674 has 11 MA's), (Start: 125 @4680 has 1 MA's), (243, 4848), (248, 4860), (254, 4872), (342, 5016), (389, 5112), (392, 5121), (437, 5199), (439, 5205), (485, 5262), (496, 5277), (534, 5367), (547, 5400), (548, 5403), (615, 5475), (637, 5532), (665, 5580), (682, 5601), (687, 5613), (693, 5625), (709, 5649), (730, 5673), (733, 5679), (780, 5736), (789, 5754), (861, 5856), (884, 5898), (930, 5961), (938, 5970), (942, 5976), (1023, 6090), (1047, 6102), (1062, 6120), (1094, 6162), (1123, 6204), (1132, 6219),

Gene: Fajezeel_13 Start: 7320, Stop: 9008, Start Num: 107
Candidate Starts for Fajezeel_13:
(Start: 107 @7320 has 24 MA's), (253, 7491), (Start: 258 @7500 has 2 MA's), (311, 7584), (324, 7611), (327, 7620), (411, 7770), (430, 7803), (469, 7878), (510, 7968), (518, 7992), (534, 8019), (553, 8067), (620, 8223), (644, 8283), (819, 8517), (862, 8571), (882, 8592), (908, 8619), (985, 8727), (1070, 8817), (1139, 8922),

Gene: Fameo_12 Start: 7454, Stop: 9241, Start Num: 96
Candidate Starts for Fameo_12:
(Start: 96 @7454 has 243 MA's), (179, 7562), (193, 7583), (250, 7691), (339, 7853), (411, 7976), (469, 8084), (510, 8174), (518, 8198), (580, 8315), (584, 8330), (733, 8630), (869, 8816), (901, 8843), (916, 8864), (985, 8960), (1168, 9197), (1191, 9224), (1193, 9227),

Gene: Fancypants_2 Start: 653, Stop: 2209, Start Num: 185
Candidate Starts for Fancypants_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (Start: 158 @629 has 2 MA's), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (244, 758), (312, 845), (352, 905), (369, 917), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (584, 1346), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1014, 1964), (1024, 1979), (1069, 2006), (1094, 2039), (1112, 2066), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: Farber_13 Start: 6950, Stop: 8650, Start Num: 102

Candidate Starts for Farber_13:
(Start: 102 @6950 has 88 MA's), (137, 6998), (253, 7133), (362, 7325), (411, 7412), (510, 7610), (550, 7700), (583, 7763), (644, 7925), (800, 8123), (812, 8147), (813, 8150), (862, 8213), (882, 8234), (916, 8273), (985, 8369), (1014, 8423), (1070, 8459), (1168, 8606), (1193, 8636), (1196, 8639),

Gene: Farewell_2 Start: 506, Stop: 2287, Start Num: 69
Candidate Starts for Farewell_2:
(Start: 69 @506 has 2 MA's), (150, 611), (323, 830), (327, 842), (339, 869), (378, 935), (381, 941), (383, 944), (398, 974), (411, 995), (440, 1052), (495, 1154), (513, 1190), (532, 1238), (560, 1298), (599, 1388), (608, 1418), (647, 1472), (697, 1550), (800, 1658), (811, 1679), (817, 1691), (832, 1709), (884, 1808), (919, 1862), (929, 1877), (959, 1919), (985, 1967), (1000, 1991), (1016, 2027), (1072, 2096), (1077, 2102), (1081, 2108), (1119, 2159), (1139, 2195), (1141, 2201), (1150, 2216), (1167, 2234), (1181, 2249),

Gene: FarmResident_4 Start: 810, Stop: 2372, Start Num: 93
Candidate Starts for FarmResident_4:
(Start: 93 @810 has 92 MA's), (Start: 99 @816 has 9 MA's), (228, 966), (Start: 268 @1032 has 4 MA's), (302, 1062), (313, 1086), (321, 1101), (338, 1143), (422, 1269), (498, 1407), (516, 1452), (558, 1527), (591, 1575), (643, 1653), (653, 1674), (671, 1698), (676, 1704), (694, 1734), (699, 1740), (729, 1776), (776, 1833), (790, 1866), (862, 1971), (867, 1980), (889, 2004), (912, 2025), (962, 2091), (1024, 2193), (1140, 2313), (1143, 2319), (1158, 2340), (1181, 2364),

Gene: Fascinus_10 Start: 6746, Stop: 8434, Start Num: 95
Candidate Starts for Fascinus_10:
(Start: 95 @6746 has 435 MA's), (Start: 258 @6926 has 2 MA's), (311, 7010), (327, 7046), (339, 7073), (411, 7196), (469, 7304), (510, 7394), (518, 7418), (553, 7493), (591, 7562), (620, 7649), (644, 7709), (813, 7934), (819, 7943), (832, 7955), (862, 7997), (882, 8018), (908, 8045), (985, 8153), (1070, 8243), (1139, 8348),

Gene: Fastidio_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Fastidio_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: FatCactus_10 Start: 5592, Stop: 7292, Start Num: 105
Candidate Starts for FatCactus_10:
(Start: 105 @5592 has 1 MA's), (Start: 207 @5733 has 2 MA's), (253, 5772), (386, 6006), (411, 6051), (447, 6123), (458, 6141), (469, 6162), (505, 6234), (510, 6252), (570, 6375), (583, 6405), (618, 6501), (685, 6627), (798, 6765), (812, 6792), (916, 6915), (954, 6969), (985, 7011), (1003, 7038), (1014, 7065), (1168, 7248), (1196, 7281),

Gene: Fayely_13 Start: 8142, Stop: 9929, Start Num: 96
Candidate Starts for Fayely_13:
(Start: 96 @8142 has 243 MA's), (Start: 114 @8157 has 11 MA's), (Start: 120 @8163 has 11 MA's), (200, 8274), (250, 8373), (339, 8535), (381, 8607), (411, 8661), (432, 8700), (469, 8772), (510, 8862), (518, 8886), (580, 9003), (584, 9018), (622, 9126), (659, 9201), (685, 9237), (717, 9297), (806, 9417),

(817, 9438), (852, 9477), (901, 9531), (904, 9534), (916, 9552), (954, 9606), (979, 9636), (985, 9648), (1070, 9738), (1083, 9756), (1168, 9885), (1191, 9912), (1193, 9915),

Gene: Fazel_14 Start: 9208, Stop: 10953, Start Num: 187
Candidate Starts for Fazel_14:
(Start: 187 @9208 has 203 MA's), (195, 9214), (252, 9301), (254, 9307), (274, 9343), (302, 9397), (323, 9430), (388, 9556), (444, 9682), (451, 9700), (454, 9703), (492, 9772), (530, 9874), (555, 9931), (604, 10060), (644, 10159), (647, 10165), (665, 10195), (682, 10222), (726, 10288), (847, 10447), (866, 10480), (868, 10483), (899, 10525), (916, 10549), (929, 10570), (931, 10573), (1071, 10801), (1080, 10813), (1094, 10831), (1136, 10903), (1139, 10906),

Gene: Feastonyeet_3 Start: 928, Stop: 2604, Start Num: 143
Candidate Starts for Feastonyeet_3:
(Start: 143 @928 has 83 MA's), (Start: 191 @979 has 2 MA's), (205, 1000), (254, 1045), (283, 1087), (300, 1123), (334, 1189), (386, 1285), (405, 1321), (411, 1330), (413, 1333), (434, 1381), (438, 1393), (482, 1480), (574, 1660), (598, 1714), (678, 1894), (697, 1927), (776, 1993), (803, 2059), (806, 2065), (862, 2149), (929, 2230), (954, 2263), (1003, 2332), (1081, 2410), (1113, 2452), (1145, 2509), (1165, 2530), (1168, 2536), (1213, 2590), (1214, 2593),

Gene: FeliMaine_37 Start: 11121, Stop: 12863, Start Num: 143
Candidate Starts for FeliMaine_37:
(Start: 143 @11121 has 83 MA's), (253, 11238), (283, 11283), (305, 11349), (306, 11364), (323, 11397), (324, 11400), (329, 11415), (341, 11439), (342, 11442), (362, 11472), (375, 11493), (378, 11511), (383, 11520), (402, 11556), (411, 11571), (434, 11616), (458, 11658), (477, 11697), (482, 11709), (497, 11730), (519, 11781), (534, 11802), (635, 12024), (697, 12129), (704, 12138), (749, 12171), (776, 12192), (778, 12195), (789, 12222), (800, 12252), (806, 12264), (813, 12279), (819, 12288), (825, 12294), (852, 12336), (858, 12345), (865, 12360), (882, 12375), (929, 12435), (954, 12474), (980, 12507), (1001, 12537), (1002, 12540), (1040, 12624), (1081, 12678), (1092, 12693), (1113, 12720), (1142, 12774), (1211, 12846), (1213, 12849),

Gene: Fernando_13 Start: 6955, Stop: 8655, Start Num: 102
Candidate Starts for Fernando_13:
(Start: 102 @6955 has 88 MA's), (137, 7003), (253, 7138), (362, 7330), (411, 7417), (431, 7453), (510, 7615), (550, 7705), (583, 7768), (644, 7930), (800, 8128), (812, 8152), (813, 8155), (862, 8218), (882, 8239), (916, 8278), (985, 8374), (1014, 8428), (1070, 8464), (1168, 8611), (1193, 8641), (1196, 8644),

Gene: Fibonacci_12 Start: 8027, Stop: 9790, Start Num: 96
Candidate Starts for Fibonacci_12:
(Start: 96 @8027 has 243 MA's), (Start: 120 @8048 has 11 MA's), (179, 8135), (250, 8264), (262, 8288), (300, 8351), (381, 8495), (408, 8546), (411, 8549), (469, 8660), (479, 8684), (480, 8687), (510, 8750), (513, 8759), (518, 8774), (580, 8891), (584, 8906), (605, 8966), (638, 9050), (740, 9191), (806, 9278), (812, 9290), (852, 9338), (862, 9353), (901, 9392), (916, 9413), (942, 9452), (979, 9497), (985, 9509), (1168, 9746), (1191, 9773),

Gene: FidgetOrca_8 Start: 3146, Stop: 4891, Start Num: 187
Candidate Starts for FidgetOrca_8:
(Start: 187 @3146 has 203 MA's), (229, 3200), (231, 3203), (252, 3239), (254, 3245), (380, 3479), (430, 3578), (444, 3620), (454, 3641), (476, 3683), (480, 3695), (522, 3794), (530, 3812), (545, 3848), (584, 3944), (634, 4073), (644, 4097), (647, 4103), (726, 4226), (771, 4295), (863, 4412), (866, 4418), (876, 4439), (929, 4508), (931, 4511), (962, 4562), (1012, 4649), (1059, 4715), (1071, 4739), (1080, 4751), (1094, 4769), (1136, 4841), (1139, 4844),

Gene: Figliar_17 Start: 10511, Stop: 12256, Start Num: 187

Candidate Starts for Figliar_17:
(Start: 187 @10511 has 203 MA's), (195, 10517), (252, 10604), (254, 10610), (274, 10646), (302, 10700), (395, 10877), (444, 10985), (454, 11006), (476, 11048), (492, 11075), (530, 11177), (555, 11234), (578, 11291), (582, 11303), (604, 11363), (644, 11462), (647, 11468), (682, 11525), (726, 11591), (868, 11786), (916, 11852), (929, 11873), (931, 11876), (1051, 12056), (1069, 12101), (1071, 12104), (1080, 12116), (1136, 12206), (1139, 12209),

Gene: Filch_9 Start: 2274, Stop: 3944, Start Num: 272
Candidate Starts for Filch_9:
(Start: 272 @2274 has 48 MA's), (309, 2337), (435, 2571), (487, 2673), (570, 2853), (576, 2877), (585, 2895), (595, 2907), (616, 2970), (621, 2982), (642, 3027), (649, 3042), (700, 3120), (728, 3165), (759, 3219), (760, 3225), (814, 3339), (910, 3483), (933, 3519), (1014, 3672), (1022, 3684), (1065, 3741), (1091, 3777), (1124, 3828), (1142, 3864), (1145, 3867), (1193, 3933),

Gene: Filuzino_2 Start: 588, Stop: 2225, Start Num: 111
Candidate Starts for Filuzino_2:
(Start: 111 @588 has 202 MA's), (Start: 125 @603 has 1 MA's), (Start: 129 @612 has 79 MA's), (133, 618), (Start: 158 @645 has 2 MA's), (Start: 185 @669 has 2 MA's), (188, 672), (224, 735), (230, 753), (244, 774), (312, 861), (315, 867), (352, 921), (369, 933), (377, 945), (381, 954), (383, 957), (392, 978), (404, 999), (415, 1014), (440, 1071), (461, 1110), (502, 1179), (505, 1185), (514, 1215), (515, 1218), (518, 1227), (523, 1242), (534, 1260), (557, 1311), (604, 1413), (711, 1584), (726, 1596), (748, 1614), (800, 1680), (816, 1710), (818, 1713), (820, 1716), (869, 1773), (884, 1788), (889, 1794), (893, 1797), (901, 1812), (908, 1821), (957, 1890), (982, 1920), (988, 1929), (1006, 1962), (1024, 1995), (1069, 2022), (1094, 2055), (1112, 2082), (1114, 2085), (1127, 2106), (1139, 2130), (1142, 2139), (1145, 2142), (1184, 2199),

Gene: Finalfrontier_4 Start: 1182, Stop: 2810, Start Num: 171
Candidate Starts for Finalfrontier_4:
(Start: 171 @1182 has 84 MA's), (278, 1338), (342, 1446), (398, 1530), (415, 1554), (425, 1572), (464, 1629), (498, 1680), (500, 1683), (505, 1692), (521, 1743), (531, 1761), (542, 1791), (558, 1821), (829, 2277), (838, 2292), (1095, 2643), (1215, 2799),

Gene: Finemlucis_4 Start: 1069, Stop: 2637, Start Num: 93
Candidate Starts for Finemlucis_4:
(Start: 93 @1069 has 92 MA's), (Start: 99 @1075 has 9 MA's), (228, 1231), (419, 1528), (422, 1534), (450, 1594), (494, 1666), (498, 1672), (558, 1792), (591, 1840), (632, 1894), (643, 1918), (671, 1963), (676, 1969), (694, 1999), (699, 2005), (722, 2032), (729, 2041), (776, 2098), (779, 2104), (789, 2125), (790, 2131), (838, 2206), (845, 2209), (867, 2245), (912, 2290), (962, 2356), (1008, 2431), (1018, 2449), (1024, 2458), (1158, 2605), (1181, 2629), (1183, 2632),

Gene: Fingolfin_2 Start: 371, Stop: 1993, Start Num: 149
Candidate Starts for Fingolfin_2:
(Start: 134 @350 has 16 MA's), (Start: 149 @371 has 162 MA's), (313, 602), (315, 605), (319, 614), (333, 650), (342, 668), (394, 746), (464, 851), (521, 965), (534, 989), (548, 1025), (559, 1046), (569, 1061), (589, 1121), (628, 1205), (780, 1421), (787, 1433), (798, 1460), (829, 1499), (834, 1505), (862, 1544), (889, 1571), (903, 1583), (923, 1616), (932, 1628), (950, 1655), (956, 1661), (1125, 1901), (1129, 1907), (1144, 1928), (1159, 1949), (1187, 1979), (1190, 1982), (1192, 1985),

Gene: Finnry_5 Start: 1187, Stop: 2752, Start Num: 93
Candidate Starts for Finnry_5:
(Start: 93 @1187 has 92 MA's), (Start: 99 @1193 has 9 MA's), (238, 1364), (313, 1469), (319, 1481), (413, 1637), (419, 1646), (420, 1649), (422, 1652), (464, 1727), (494, 1781), (496, 1784), (498, 1787), (637, 2018), (685, 2093), (694, 2114), (699, 2120), (759, 2189), (776, 2213), (786, 2231), (790, 2246),

(867, 2360), (907, 2399), (912, 2405), (962, 2471), (1016, 2561), (1024, 2573), (1078, 2612), (1143, 2699), (1181, 2744), (1183, 2747),

Gene: FirePit_2 Start: 424, Stop: 1926, Start Num: 138
Candidate Starts for FirePit_2:
(Start: 93 @361 has 92 MA's), (Start: 132 @412 has 2 MA's), (Start: 138 @424 has 4 MA's), (157, 448), (175, 472), (255, 583), (274, 610), (319, 673), (330, 703), (334, 712), (345, 730), (422, 841), (437, 874), (488, 955), (513, 1003), (551, 1084), (642, 1219), (657, 1246), (694, 1297), (722, 1330), (861, 1513), (940, 1606), (967, 1645), (970, 1651), (980, 1660), (1005, 1699), (1081, 1783), (1095, 1798), (1134, 1858), (1153, 1888),

Gene: Firehouse51_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Firehouse51_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: FiringLine_12 Start: 7386, Stop: 9173, Start Num: 96
Candidate Starts for FiringLine_12:
(Start: 96 @7386 has 243 MA's), (179, 7494), (193, 7515), (250, 7623), (339, 7785), (408, 7905), (411, 7908), (469, 8016), (510, 8106), (518, 8130), (580, 8247), (584, 8262), (733, 8562), (869, 8748), (901, 8775), (916, 8796), (985, 8892), (1168, 9129), (1191, 9156), (1193, 9159),

Gene: First_0012 Start: 7443, Stop: 9233, Start Num: 96
Candidate Starts for First_0012:
(25, 7269), (Start: 96 @7443 has 243 MA's), (179, 7551), (193, 7572), (250, 7680), (408, 7965), (411, 7968), (469, 8076), (510, 8166), (518, 8190), (580, 8307), (584, 8322), (733, 8622), (869, 8808), (901, 8835), (916, 8856), (985, 8952), (1168, 9189), (1191, 9216), (1193, 9219),

Gene: FiveHead_2 Start: 553, Stop: 2268, Start Num: 93
Candidate Starts for FiveHead_2:
(Start: 93 @553 has 92 MA's), (Start: 191 @652 has 2 MA's), (373, 925), (400, 976), (411, 994), (436, 1042), (440, 1054), (482, 1135), (570, 1309), (603, 1396), (687, 1522), (813, 1711), (869, 1795), (985, 1939), (997, 1954), (1081, 2083), (1150, 2191), (1201, 2254),

Gene: FlameThrower_3 Start: 871, Stop: 2436, Start Num: 171
Candidate Starts for FlameThrower_3:
(Start: 171 @871 has 84 MA's), (278, 1027), (342, 1135), (394, 1213), (400, 1222), (419, 1249), (464, 1318), (498, 1369), (521, 1432), (558, 1510), (699, 1783), (796, 1921), (899, 2050), (907, 2053), (1134, 2353), (1159, 2383), (1201, 2428),

Gene: Flapper_28 Start: 13656, Stop: 15332, Start Num: 111
Candidate Starts for Flapper_28:
(Start: 111 @13656 has 202 MA's), (222, 13806), (251, 13863), (Start: 272 @13890 has 48 MA's), (281, 13902), (299, 13932), (381, 14052), (514, 14316), (523, 14343), (604, 14511), (608, 14523), (621, 14556), (675, 14634), (745, 14715), (800, 14784), (820, 14820), (839, 14850), (893, 14931), (901, 14946), (942, 15006), (988, 15054), (1139, 15240), (1157, 15270), (1182, 15303),

Gene: Flare16_12 Start: 7484, Stop: 9271, Start Num: 96
Candidate Starts for Flare16_12:
(23, 7298), (50, 7400), (Start: 96 @7484 has 243 MA's), (179, 7592), (193, 7613), (250, 7721), (411, 8006), (469, 8114), (510, 8204), (518, 8228), (580, 8345), (584, 8360), (800, 8747), (901, 8873), (916, 8894), (979, 8978), (985, 8990), (1168, 9227), (1191, 9254), (1193, 9257), (1196, 9260), (1199, 9263),

Gene: Flaverint_12 Start: 8024, Stop: 9787, Start Num: 96
Candidate Starts for Flaverint_12:
(39, 7904), (Start: 96 @8024 has 243 MA's), (Start: 120 @8045 has 11 MA's), (179, 8132), (250, 8261), (262, 8285), (300, 8348), (381, 8492), (408, 8543), (411, 8546), (469, 8657), (479, 8681), (480, 8684), (510, 8747), (513, 8756), (518, 8771), (580, 8888), (584, 8903), (605, 8963), (638, 9047), (806, 9275), (812, 9287), (852, 9335), (862, 9350), (901, 9389), (916, 9410), (942, 9449), (979, 9494), (985, 9506), (1168, 9743), (1191, 9770),

Gene: Float294_26 Start: 13266, Stop: 14945, Start Num: 111
Candidate Starts for Float294_26:
(Start: 111 @13266 has 202 MA's), (222, 13416), (251, 13473), (Start: 272 @13500 has 48 MA's), (281, 13512), (303, 13551), (324, 13584), (514, 13926), (523, 13953), (604, 14121), (608, 14133), (621, 14166), (675, 14244), (775, 14346), (839, 14460), (893, 14541), (901, 14556), (929, 14598), (988, 14664), (996, 14676), (1013, 14712), (1063, 14739), (1112, 14808), (1114, 14811), (1157, 14880),

Gene: Floof_2 Start: 634, Stop: 2388, Start Num: 93
Candidate Starts for Floof_2:
(Start: 93 @634 has 92 MA's), (Start: 271 @820 has 3 MA's), (373, 1000), (400, 1051), (411, 1069), (482, 1219), (550, 1351), (635, 1558), (803, 1810), (852, 1888), (862, 1903), (929, 1984), (985, 2059), (997, 2074), (1133, 2278), (1142, 2299), (1150, 2311),

Gene: Floral_2 Start: 485, Stop: 2284, Start Num: 71
Candidate Starts for Floral_2:
(Start: 71 @485 has 22 MA's), (170, 623), (195, 650), (295, 782), (300, 797), (347, 881), (365, 911), (373, 923), (378, 932), (398, 971), (411, 992), (441, 1052), (456, 1076), (495, 1148), (513, 1184), (527, 1220), (571, 1310), (580, 1331), (596, 1376), (598, 1382), (603, 1400), (608, 1415), (745, 1589), (778, 1616), (813, 1685), (817, 1691), (862, 1757), (869, 1769), (884, 1796), (959, 1907), (979, 1943), (985, 1955), (990, 1961), (1000, 1979), (1011, 2006), (1025, 2030), (1077, 2093), (1105, 2135), (1141, 2192), (1150, 2207), (1165, 2222), (1204, 2270), (1206, 2273),

Gene: Florean_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Florean_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Florence1_9 Start: 5976, Stop: 7727, Start Num: 63
Candidate Starts for Florence1_9:
(Start: 52 @5949 has 23 MA's), (Start: 63 @5976 has 32 MA's), (112, 6045), (196, 6159), (200, 6165), (300, 6297), (339, 6372), (341, 6375), (362, 6408), (381, 6441), (439, 6549), (449, 6573), (469, 6606), (510, 6681), (526, 6726), (565, 6804), (570, 6810), (591, 6855), (647, 7008), (661, 7029), (800, 7203), (812, 7227), (813, 7230), (862, 7290), (869, 7302), (901, 7329), (916, 7350), (979, 7434), (985, 7446), (1072, 7539), (1168, 7683), (1196, 7716), (1202, 7722),

Gene: Florence4_10 Start: 5976, Stop: 7727, Start Num: 63
Candidate Starts for Florence4_10:
(Start: 52 @5949 has 23 MA's), (Start: 63 @5976 has 32 MA's), (112, 6045), (196, 6159), (200, 6165), (300, 6297), (339, 6372), (341, 6375), (362, 6408), (381, 6441), (439, 6549), (449, 6573), (469, 6606), (510, 6681), (526, 6726), (565, 6804), (570, 6810), (591, 6855), (647, 7008), (661, 7029), (800, 7203), (812, 7227), (813, 7230), (862, 7290), (869, 7302), (901, 7329), (916, 7350), (979, 7434), (985, 7446), (1072, 7539), (1168, 7683), (1196, 7716), (1202, 7722),

Gene: Florinda_2 Start: 584, Stop: 2221, Start Num: 111
Candidate Starts for Florinda_2:
(Start: 111 @584 has 202 MA's), (Start: 125 @599 has 1 MA's), (Start: 129 @608 has 79 MA's), (133, 614), (Start: 158 @641 has 2 MA's), (Start: 185 @665 has 2 MA's), (188, 668), (224, 731), (230, 749), (244, 770), (312, 857), (315, 863), (352, 917), (369, 929), (381, 950), (383, 953), (392, 974), (404, 995), (415, 1010), (440, 1067), (461, 1106), (502, 1175), (505, 1181), (514, 1211), (515, 1214), (518, 1223), (523, 1238), (534, 1256), (557, 1307), (604, 1409), (711, 1580), (726, 1592), (748, 1610), (800, 1676), (816, 1706), (818, 1709), (820, 1712), (869, 1769), (884, 1784), (889, 1790), (893, 1793), (901, 1808), (908, 1817), (957, 1886), (982, 1916), (988, 1925), (1006, 1958), (1016, 1979), (1024, 1991), (1069, 2018), (1087, 2042), (1094, 2051), (1112, 2078), (1114, 2081), (1127, 2102), (1139, 2126), (1142, 2135), (1145, 2138), (1184, 2195),

Gene: Fluke_5 Start: 3123, Stop: 4688, Start Num: 129
Candidate Starts for Fluke_5:
(Start: 129 @3123 has 79 MA's), (Start: 268 @3333 has 4 MA's), (Start: 272 @3336 has 48 MA's), (330, 3429), (342, 3453), (364, 3477), (485, 3693), (496, 3708), (500, 3714), (521, 3774), (625, 3933), (637, 3963), (642, 3978), (692, 4059), (764, 4137), (768, 4146), (787, 4182), (804, 4221), (834, 4254), (838, 4263), (861, 4290), (912, 4344), (939, 4386), (1001, 4431), (1008, 4452), (1022, 4476), (1095, 4554), (1192, 4674),

Gene: Flutur_2 Start: 533, Stop: 2239, Start Num: 95
Candidate Starts for Flutur_2:
(Start: 95 @533 has 435 MA's), (379, 905), (411, 962), (436, 1010), (482, 1100), (513, 1154), (570, 1274), (604, 1364), (710, 1526), (800, 1649), (985, 1904), (997, 1919), (1024, 1973), (1081, 2054), (1136, 2138), (1150, 2162),

Gene: Flux_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Flux_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: FlyCatcher_15 Start: 8301, Stop: 10001, Start Num: 95
Candidate Starts for FlyCatcher_15:
(Start: 95 @8301 has 435 MA's), (145, 8364), (Start: 271 @8508 has 3 MA's), (293, 8538), (311, 8571), (339, 8634), (411, 8757), (420, 8772), (469, 8865), (479, 8889), (510, 8955), (584, 9111), (620, 9210), (661, 9297), (685, 9330), (732, 9384), (743, 9399), (798, 9468), (800, 9471), (812, 9495), (869, 9573), (985, 9717), (1010, 9762), (1083, 9825), (1145, 9924), (1168, 9954), (1193, 9987),

Gene: Football_14 Start: 7212, Stop: 8957, Start Num: 187
Candidate Starts for Football_14:

(Start: 187 @7212 has 203 MA's), (195, 7218), (252, 7305), (254, 7311), (274, 7347), (302, 7401), (353, 7497), (444, 7686), (451, 7704), (454, 7707), (492, 7776), (530, 7878), (545, 7914), (555, 7935), (570, 7959), (588, 8016), (604, 8064), (630, 8130), (644, 8163), (647, 8169), (665, 8199), (680, 8220), (726, 8292), (868, 8487), (916, 8553), (929, 8574), (931, 8577), (968, 8637), (1045, 8748), (1060, 8784), (1071, 8805), (1080, 8817), (1112, 8862), (1114, 8865), (1136, 8907), (1139, 8910),

Gene: Footloose_2 Start: 428, Stop: 2197, Start Num: 66
Candidate Starts for Footloose_2:
(40, 362), (43, 371), (Start: 66 @428 has 7 MA's), (Start: 140 @542 has 9 MA's), (Start: 183 @596 has 2 MA's), (197, 614), (206, 629), (218, 650), (Start: 258 @683 has 2 MA's), (267, 701), (283, 719), (300, 755), (302, 758), (362, 866), (378, 893), (386, 908), (389, 914), (400, 935), (411, 953), (458, 1043), (510, 1139), (514, 1151), (524, 1178), (534, 1199), (550, 1238), (580, 1295), (583, 1307), (599, 1346), (607, 1373), (611, 1382), (630, 1403), (642, 1424), (648, 1436), (652, 1445), (742, 1550), (748, 1556), (778, 1580), (806, 1634), (813, 1649), (819, 1658), (825, 1664), (850, 1703), (875, 1745), (888, 1763), (916, 1808), (954, 1865), (980, 1913), (985, 1922), (1072, 2021), (1081, 2033), (1098, 2057), (1105, 2069), (1139, 2120), (1141, 2126), (1150, 2141), (1165, 2156), (1167, 2159), (1189, 2189),

Gene: ForGetIt_9 Start: 6005, Stop: 7783, Start Num: 52
Candidate Starts for ForGetIt_9:
(Start: 52 @6005 has 23 MA's), (Start: 63 @6032 has 32 MA's), (112, 6101), (139, 6140), (196, 6215), (200, 6221), (300, 6353), (339, 6428), (341, 6431), (420, 6566), (439, 6605), (449, 6629), (510, 6737), (526, 6782), (565, 6860), (570, 6866), (632, 7031), (647, 7064), (661, 7085), (800, 7259), (812, 7283), (813, 7286), (862, 7346), (869, 7358), (901, 7385), (916, 7406), (979, 7490), (985, 7502), (1168, 7739), (1196, 7772), (1202, 7778),

Gene: Forester_2 Start: 640, Stop: 2394, Start Num: 93
Candidate Starts for Forester_2:
(Start: 93 @640 has 92 MA's), (Start: 119 @664 has 16 MA's), (373, 1006), (400, 1057), (411, 1075), (453, 1168), (482, 1225), (687, 1648), (800, 1810), (803, 1816), (929, 1990), (985, 2065), (997, 2080), (1053, 2161), (1133, 2284), (1142, 2305), (1150, 2317),

Gene: ForesterFrank_13 Start: 8955, Stop: 10742, Start Num: 96
Candidate Starts for ForesterFrank_13:
(Start: 96 @8955 has 243 MA's), (179, 9063), (193, 9084), (250, 9192), (262, 9216), (283, 9243), (300, 9279), (408, 9474), (411, 9477), (432, 9516), (469, 9585), (510, 9675), (518, 9699), (534, 9726), (584, 9831), (800, 10218), (862, 10305), (869, 10317), (901, 10344), (916, 10365), (985, 10461), (1168, 10698), (1191, 10725), (1193, 10728), (1196, 10731), (1199, 10734),

Gene: Forge_5 Start: 1855, Stop: 3489, Start Num: 61
Candidate Starts for Forge_5:
(Start: 61 @1855 has 21 MA's), (Start: 98 @1894 has 3 MA's), (156, 1942), (Start: 280 @2113 has 2 MA's), (313, 2152), (421, 2332), (427, 2341), (431, 2350), (464, 2413), (468, 2419), (511, 2503), (512, 2506), (513, 2509), (558, 2605), (559, 2608), (564, 2617), (621, 2683), (643, 2713), (658, 2740), (685, 2773), (696, 2794), (698, 2797), (767, 2893), (779, 2914), (829, 3004), (859, 3046), (869, 3064), (872, 3070), (932, 3133), (936, 3139), (939, 3142), (972, 3187), (979, 3193), (999, 3220), (1005, 3235), (1046, 3286), (1053, 3295), (1068, 3310), (1070, 3313), (1102, 3352), (1116, 3367), (1123, 3382), (1126, 3385), (1197, 3463), (1203, 3469),

Gene: Forsytheast_10 Start: 7010, Stop: 8698, Start Num: 95
Candidate Starts for Forsytheast_10:
(Start: 95 @7010 has 435 MA's), (Start: 258 @7190 has 2 MA's), (311, 7274), (327, 7310), (411, 7460), (469, 7568), (510, 7658), (518, 7682), (553, 7757), (591, 7826), (620, 7913), (644, 7973), (819, 8207), (832, 8219), (862, 8261), (882, 8282), (908, 8309), (985, 8417), (1070, 8507), (1139, 8612),

Gene: FortCran_13 Start: 7494, Stop: 9239, Start Num: 187
Candidate Starts for FortCran_13:
(Start: 187 @7494 has 203 MA's), (195, 7500), (252, 7587), (254, 7593), (274, 7629), (302, 7683), (353, 7779), (444, 7968), (451, 7986), (454, 7989), (492, 8058), (530, 8160), (545, 8196), (555, 8217), (570, 8241), (588, 8298), (604, 8346), (630, 8412), (644, 8445), (647, 8451), (665, 8481), (680, 8502), (726, 8574), (868, 8769), (916, 8835), (929, 8856), (931, 8859), (968, 8919), (1045, 9030), (1060, 9066), (1071, 9087), (1080, 9099), (1112, 9144), (1114, 9147), (1136, 9189), (1139, 9192),

Gene: FosterFrank_2 Start: 625, Stop: 2373, Start Num: 201
Candidate Starts for FosterFrank_2:
(164, 574), (180, 601), (Start: 201 @625 has 43 MA's), (266, 718), (324, 820), (340, 859), (344, 865), (358, 883), (364, 898), (366, 901), (437, 1039), (476, 1114), (487, 1135), (541, 1261), (596, 1363), (614, 1420), (620, 1435), (641, 1474), (760, 1675), (802, 1747), (810, 1762), (824, 1786), (840, 1819), (959, 1996), (973, 2020), (980, 2038), (994, 2068), (1003, 2083), (1008, 2098), (1023, 2125), (1042, 2152), (1066, 2176), (1073, 2185), (1114, 2236), (1142, 2290),

Gene: Foxboro_25 Start: 13660, Stop: 15387, Start Num: 110
Candidate Starts for Foxboro_25:
(22, 13426), (49, 13555), (Start: 110 @13660 has 12 MA's), (222, 13810), (247, 13861), (251, 13867), (281, 13906), (299, 13936), (315, 13960), (324, 13978), (332, 14005), (359, 14068), (369, 14086), (514, 14371), (523, 14398), (565, 14482), (604, 14566), (608, 14578), (621, 14611), (675, 14689), (741, 14767), (800, 14839), (818, 14872), (855, 14935), (869, 14962), (893, 14986), (908, 15010), (988, 15109), (1013, 15157), (1139, 15295), (1157, 15325), (1200, 15379),

Gene: Francis47_11 Start: 7247, Stop: 8935, Start Num: 95
Candidate Starts for Francis47_11:
(Start: 95 @7247 has 435 MA's), (311, 7511), (323, 7535), (411, 7697), (430, 7730), (469, 7805), (510, 7895), (518, 7919), (534, 7946), (553, 7994), (620, 8150), (644, 8210), (813, 8435), (819, 8444), (832, 8456), (862, 8498), (882, 8519), (908, 8546), (985, 8654), (1070, 8744), (1139, 8849),

Gene: Franklin22_2 Start: 667, Stop: 2232, Start Num: 171
Candidate Starts for Franklin22_2:
(Start: 171 @667 has 84 MA's), (Start: 191 @694 has 2 MA's), (278, 823), (342, 931), (347, 937), (398, 1015), (425, 1057), (464, 1114), (498, 1165), (521, 1228), (796, 1717), (915, 1861), (983, 1921), (1095, 2089), (1147, 2161), (1182, 2203), (1201, 2224),

Gene: FreakyGoo_15 Start: 4719, Stop: 6263, Start Num: 130
Candidate Starts for FreakyGoo_15:
(Start: 130 @4719 has 21 MA's), (Start: 163 @4767 has 23 MA's), (315, 4968), (392, 5106), (512, 5298), (643, 5508), (676, 5559), (729, 5631), (789, 5694), (796, 5718), (804, 5733), (857, 5793), (862, 5805), (907, 5865), (930, 5898), (959, 5931), (977, 5958), (1007, 6006), (1143, 6192), (1158, 6213),

Gene: Fred313_11 Start: 6199, Stop: 7896, Start Num: 95
Candidate Starts for Fred313_11:
(Start: 95 @6199 has 435 MA's), (152, 6271), (311, 6469), (403, 6643), (411, 6655), (432, 6694), (438, 6706), (469, 6763), (479, 6787), (510, 6853), (513, 6862), (550, 6943), (620, 7108), (647, 7174), (661, 7195), (678, 7219), (685, 7228), (740, 7294), (800, 7369), (812, 7393), (813, 7396), (817, 7402), (825, 7411), (862, 7459), (901, 7498), (916, 7519), (985, 7615), (1010, 7660), (1014, 7669), (1145, 7822), (1168, 7852), (1193, 7882), (1196, 7885),

Gene: FreddyB_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for FreddyB_2:

(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (147, 617), (Start: 158 @629 has 2 MA's), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (244, 758), (312, 845), (352, 905), (369, 917), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (415, 998), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (601, 1388), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1024, 1979), (1069, 2006), (1094, 2039), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: Fribs8_5 Start: 1777, Stop: 3477, Start Num: 143
Candidate Starts for Fribs8_5:
(Start: 143 @1777 has 83 MA's), (Start: 167 @1807 has 4 MA's), (205, 1849), (300, 1987), (327, 2035), (341, 2065), (362, 2098), (378, 2134), (386, 2149), (392, 2164), (411, 2194), (434, 2245), (482, 2344), (497, 2365), (532, 2434), (550, 2476), (568, 2506), (623, 2653), (642, 2704), (685, 2767), (697, 2791), (775, 2857), (789, 2890), (796, 2914), (798, 2917), (803, 2926), (813, 2947), (834, 2974), (862, 3019), (869, 3031), (879, 3037), (901, 3058), (926, 3097), (1001, 3196), (1016, 3232), (1110, 3319), (1165, 3400), (1168, 3406), (1213, 3463), (1214, 3466),

Gene: Frizzle_1 Start: 60, Stop: 1760, Start Num: 52
Candidate Starts for Frizzle_1:
(38, 21), (Start: 52 @60 has 23 MA's), (235, 345), (315, 459), (366, 549), (377, 564), (389, 588), (422, 642), (494, 750), (505, 768), (532, 840), (547, 876), (563, 906), (621, 966), (705, 1107), (803, 1248), (804, 1251), (806, 1254), (807, 1257), (827, 1278), (838, 1293), (937, 1425), (982, 1479), (1001, 1503), (1144, 1695),

Gene: FrodoSwaggins_7 Start: 2850, Stop: 4595, Start Num: 187
Candidate Starts for FrodoSwaggins_7:
(Start: 187 @2850 has 203 MA's), (229, 2904), (231, 2907), (252, 2943), (254, 2949), (380, 3183), (430, 3282), (444, 3324), (454, 3345), (476, 3387), (480, 3399), (522, 3498), (530, 3516), (545, 3552), (634, 3777), (644, 3801), (647, 3807), (726, 3930), (771, 3999), (863, 4116), (876, 4143), (929, 4212), (931, 4215), (962, 4266), (1012, 4353), (1059, 4419), (1071, 4443), (1080, 4455), (1094, 4473), (1136, 4545), (1139, 4548),

Gene: Froghopper_12 Start: 6689, Stop: 8377, Start Num: 95
Candidate Starts for Froghopper_12:
(Start: 95 @6689 has 435 MA's), (Start: 258 @6869 has 2 MA's), (311, 6953), (327, 6989), (339, 7016), (411, 7139), (430, 7172), (469, 7247), (510, 7337), (518, 7361), (534, 7388), (553, 7436), (615, 7580), (620, 7592), (644, 7652), (813, 7877), (819, 7886), (832, 7898), (862, 7940), (882, 7961), (908, 7988), (985, 8096), (1070, 8186), (1139, 8291),

Gene: FromIndy_7 Start: 3414, Stop: 5153, Start Num: 187
Candidate Starts for FromIndy_7:
(Start: 184 @3411 has 4 MA's), (Start: 187 @3414 has 203 MA's), (195, 3420), (229, 3468), (231, 3471), (252, 3507), (254, 3513), (327, 3651), (345, 3687), (353, 3699), (444, 3882), (454, 3903), (503, 3996), (506, 4005), (522, 4056), (530, 4074), (644, 4359), (726, 4488), (771, 4557), (847, 4647), (863, 4674), (876, 4701), (929, 4770), (931, 4773), (957, 4815), (962, 4824), (1051, 4953), (1060, 4980), (1071, 5001), (1080, 5013), (1094, 5031), (1136, 5103), (1139, 5106), (1145, 5118),

Gene: Fruitloop_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Fruitloop_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977),

(404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Funston_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Funston_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Fury_33 Start: 12931, Stop: 14610, Start Num: 109
Candidate Starts for Fury_33:
(Start: 109 @12931 has 4 MA's), (112, 12937), (200, 13042), (251, 13141), (281, 13180), (299, 13210), (315, 13234), (415, 13390), (514, 13591), (534, 13636), (604, 13786), (608, 13798), (818, 14092), (839, 14125), (893, 14206), (988, 14329), (996, 14341), (1063, 14404), (1112, 14473), (1139, 14515), (1157, 14545), (1186, 14587), (1200, 14602),

Gene: Fushigi_12 Start: 7411, Stop: 9099, Start Num: 107
Candidate Starts for Fushigi_12:
(Start: 107 @7411 has 24 MA's), (Start: 258 @7591 has 2 MA's), (311, 7675), (324, 7702), (327, 7711), (411, 7861), (430, 7894), (469, 7969), (510, 8059), (518, 8083), (534, 8110), (553, 8158), (591, 8227), (620, 8314), (644, 8374), (813, 8599), (819, 8608), (832, 8620), (862, 8662), (882, 8683), (908, 8710), (985, 8818), (1070, 8908), (1139, 9013),

Gene: GAL1_4 Start: 1617, Stop: 3242, Start Num: 111
Candidate Starts for GAL1_4:
(Start: 111 @1617 has 202 MA's), (Start: 158 @1677 has 2 MA's), (188, 1704), (210, 1743), (220, 1761), (230, 1785), (234, 1794), (281, 1845), (299, 1875), (315, 1899), (324, 1917), (352, 1953), (369, 1968), (381, 1989), (406, 2037), (408, 2040), (411, 2043), (428, 2073), (459, 2139), (511, 2241), (514, 2250), (518, 2262), (534, 2295), (584, 2397), (601, 2436), (608, 2457), (621, 2490), (675, 2568), (679, 2574), (704, 2613), (707, 2619), (775, 2673), (788, 2700), (798, 2718), (800, 2721), (801, 2724), (825, 2763), (861, 2802), (869, 2817), (901, 2856), (908, 2865), (929, 2898), (952, 2928), (954, 2931), (988, 2964), (1006, 2997), (1013, 3012), (1048, 3036), (1087, 3072), (1107, 3102), (1114, 3111), (1139, 3150), (1157, 3180), (1171, 3198), (1200, 3234),

Gene: GMA4_2 Start: 489, Stop: 2087, Start Num: 126
Candidate Starts for GMA4_2:
(Start: 126 @489 has 2 MA's), (180, 540), (Start: 207 @579 has 2 MA's), (262, 636), (300, 699), (302, 702), (311, 711), (325, 741), (354, 783), (400, 861), (411, 879), (458, 966), (482, 1017), (510, 1062), (513, 1071), (540, 1140), (583, 1218), (598, 1257), (608, 1290), (616, 1311), (661, 1365), (665, 1371), (678, 1389), (695, 1419), (704, 1431), (776, 1491), (803, 1542), (985, 1791), (1024, 1860), (1083, 1911), (1150, 2016),

Gene: GMonster_10 Start: 6615, Stop: 8303, Start Num: 95
Candidate Starts for GMonster_10:
(Start: 95 @6615 has 435 MA's), (311, 6879), (323, 6903), (411, 7065), (430, 7098), (469, 7173), (510, 7263), (518, 7287), (534, 7314), (553, 7362), (591, 7431), (620, 7518), (622, 7527), (644, 7578), (819, 7812), (832, 7824), (862, 7866), (882, 7887), (908, 7914), (985, 8022), (1070, 8112), (1139, 8217),

Gene: GRU1_terL Start: 5541, Stop: 7217, Start Num: 111
Candidate Starts for GRU1_terL:
(Start: 111 @5541 has 202 MA's), (222, 5691), (251, 5748), (Start: 272 @5775 has 48 MA's), (281, 5787), (299, 5817), (381, 5937), (514, 6201), (523, 6228), (565, 6312), (572, 6324), (604, 6396), (608, 6408), (621, 6441), (675, 6519), (745, 6600), (778, 6627), (800, 6669), (820, 6705), (839, 6735), (893, 6816), (901, 6831), (988, 6939), (1139, 7125), (1157, 7155),

Gene: GTE2_02 Start: 803, Stop: 2482, Start Num: 143
Candidate Starts for GTE2_02:
(Start: 143 @803 has 83 MA's), (Start: 191 @854 has 2 MA's), (205, 875), (254, 920), (326, 1046), (329, 1055), (334, 1067), (339, 1076), (386, 1163), (405, 1199), (411, 1208), (434, 1259), (482, 1358), (513, 1412), (532, 1448), (598, 1592), (609, 1628), (623, 1667), (635, 1700), (704, 1814), (738, 1838), (803, 1937), (859, 2021), (929, 2108), (1001, 2204), (1047, 2252), (1072, 2276), (1110, 2327), (1165, 2408), (1213, 2468), (1214, 2471),

Gene: GTE5_terL Start: 6550, Stop: 8226, Start Num: 111
Candidate Starts for GTE5_terL:
(Start: 111 @6550 has 202 MA's), (222, 6700), (251, 6757), (Start: 272 @6784 has 48 MA's), (281, 6796), (299, 6826), (514, 7210), (523, 7237), (604, 7405), (608, 7417), (621, 7450), (675, 7528), (745, 7609), (800, 7678), (820, 7714), (839, 7744), (893, 7825), (901, 7840), (942, 7900), (988, 7948), (1139, 8134), (1157, 8164),

Gene: GTE8_13 Start: 6443, Stop: 8170, Start Num: 110
Candidate Starts for GTE8_13:
(49, 6338), (Start: 110 @6443 has 12 MA's), (222, 6593), (247, 6644), (251, 6650), (281, 6689), (299, 6719), (369, 6869), (514, 7154), (523, 7181), (565, 7265), (604, 7349), (608, 7361), (621, 7394), (675, 7472), (800, 7622), (818, 7655), (893, 7769), (929, 7826), (988, 7892), (1013, 7940), (1139, 8078), (1157, 8108),

Gene: GUmbie_2 Start: 588, Stop: 2225, Start Num: 111
Candidate Starts for GUmbie_2:
(Start: 111 @588 has 202 MA's), (Start: 125 @603 has 1 MA's), (Start: 129 @612 has 79 MA's), (133, 618), (Start: 158 @645 has 2 MA's), (Start: 185 @669 has 2 MA's), (188, 672), (224, 735), (230, 753), (244, 774), (312, 861), (315, 867), (352, 921), (369, 933), (377, 945), (381, 954), (383, 957), (392, 978), (404, 999), (415, 1014), (440, 1071), (461, 1110), (502, 1179), (505, 1185), (514, 1215), (515, 1218), (518, 1227), (523, 1242), (534, 1260), (557, 1311), (604, 1413), (711, 1584), (726, 1596), (748, 1614), (800, 1680), (816, 1710), (818, 1713), (820, 1716), (869, 1773), (884, 1788), (889, 1794), (893, 1797), (901, 1812), (908, 1821), (957, 1890), (982, 1920), (1006, 1962), (1014, 1980), (1024, 1995), (1069, 2022), (1094, 2055), (1112, 2082), (1114, 2085), (1127, 2106), (1139, 2130), (1142, 2139), (1145, 2142), (1184, 2199),

Gene: Gabbspett_3 Start: 1176, Stop: 2636, Start Num: 149
Candidate Starts for Gabbspett_3:
(Start: 149 @1176 has 162 MA's), (Start: 154 @1182 has 4 MA's), (Start: 272 @1344 has 48 MA's), (278, 1353), (315, 1413), (348, 1482), (366, 1503), (394, 1554), (520, 1758), (592, 1893), (642, 1971), (649, 1986), (674, 2022), (703, 2064), (739, 2097), (765, 2115), (834, 2235), (835, 2238), (848, 2250), (905, 2325), (944, 2388), (949, 2397), (958, 2406), (960, 2409), (1098, 2571), (1104, 2580), (1110, 2589), (1135, 2628),

Gene: Gabriela_4 Start: 1069, Stop: 2637, Start Num: 93
Candidate Starts for Gabriela_4:

(Start: 93 @1069 has 92 MA's), (Start: 99 @1075 has 9 MA's), (228, 1231), (419, 1528), (422, 1534), (450, 1594), (494, 1666), (498, 1672), (509, 1693), (558, 1792), (591, 1840), (632, 1894), (643, 1918), (671, 1963), (676, 1969), (694, 1999), (699, 2005), (722, 2032), (729, 2041), (776, 2098), (779, 2104), (789, 2125), (790, 2131), (838, 2206), (845, 2209), (867, 2245), (912, 2290), (962, 2356), (1008, 2431), (1018, 2449), (1024, 2458), (1158, 2605), (1181, 2629), (1183, 2632),

Gene: Gachnar_11 Start: 7030, Stop: 8718, Start Num: 95
Candidate Starts for Gachnar_11:
(Start: 95 @7030 has 435 MA's), (311, 7294), (323, 7318), (411, 7480), (430, 7513), (469, 7588), (510, 7678), (518, 7702), (534, 7729), (553, 7777), (620, 7933), (644, 7993), (819, 8227), (832, 8239), (862, 8281), (882, 8302), (908, 8329), (985, 8437), (1070, 8527), (1139, 8632),

Gene: Gack_2 Start: 703, Stop: 2268, Start Num: 171
Candidate Starts for Gack_2:
(Start: 171 @703 has 84 MA's), (Start: 191 @730 has 2 MA's), (278, 859), (342, 967), (347, 973), (360, 982), (398, 1051), (425, 1093), (464, 1150), (498, 1201), (521, 1264), (575, 1384), (699, 1615), (796, 1753), (899, 1882), (1095, 2125), (1182, 2239), (1201, 2260),

Gene: Gadost_11 Start: 6888, Stop: 8585, Start Num: 95
Candidate Starts for Gadost_11:
(Start: 95 @6888 has 435 MA's), (Start: 122 @6912 has 1 MA's), (Start: 207 @7035 has 2 MA's), (293, 7125), (311, 7158), (362, 7257), (408, 7341), (411, 7344), (432, 7383), (469, 7452), (479, 7476), (510, 7542), (550, 7632), (620, 7797), (661, 7884), (685, 7917), (740, 7983), (798, 8055), (800, 8058), (812, 8082), (852, 8133), (862, 8148), (901, 8187), (916, 8208), (985, 8304), (1168, 8541), (1193, 8571), (1196, 8574),

Gene: Gage_10 Start: 2509, Stop: 4179, Start Num: 272
Candidate Starts for Gage_10:
(Start: 272 @2509 has 48 MA's), (309, 2572), (435, 2806), (487, 2908), (570, 3088), (576, 3112), (585, 3130), (595, 3142), (616, 3205), (621, 3217), (642, 3262), (649, 3277), (700, 3355), (728, 3400), (759, 3454), (760, 3460), (814, 3574), (841, 3622), (910, 3718), (933, 3754), (1014, 3907), (1022, 3919), (1065, 3976), (1091, 4012), (1124, 4063), (1142, 4099), (1145, 4102), (1193, 4168),

Gene: GageAP_13 Start: 7736, Stop: 9424, Start Num: 107
Candidate Starts for GageAP_13:
(Start: 107 @7736 has 24 MA's), (Start: 258 @7916 has 2 MA's), (311, 8000), (324, 8027), (327, 8036), (411, 8186), (430, 8219), (469, 8294), (510, 8384), (518, 8408), (534, 8435), (553, 8483), (591, 8552), (620, 8639), (644, 8699), (813, 8924), (819, 8933), (832, 8945), (862, 8987), (882, 9008), (908, 9035), (985, 9143), (1070, 9233), (1139, 9338),

Gene: Gagieri_28 Start: 13785, Stop: 15458, Start Num: 111
Candidate Starts for Gagieri_28:
(Start: 111 @13785 has 202 MA's), (222, 13929), (234, 13959), (247, 13980), (307, 14067), (369, 14154), (381, 14175), (392, 14199), (408, 14226), (428, 14259), (458, 14325), (481, 14373), (514, 14436), (523, 14463), (589, 14592), (604, 14631), (608, 14643), (675, 14754), (707, 14805), (800, 14901), (801, 14904), (855, 15003), (881, 15042), (893, 15054), (901, 15069), (954, 15144), (988, 15177), (1006, 15210), (1094, 15294), (1107, 15315), (1139, 15363), (1189, 15438), (1200, 15450),

Gene: Gail_11 Start: 6548, Stop: 8305, Start Num: 96
Candidate Starts for Gail_11:
(Start: 96 @6548 has 243 MA's), (Start: 120 @6569 has 11 MA's), (Start: 182 @6656 has 15 MA's), (200, 6680), (226, 6734), (231, 6746), (235, 6755), (250, 6779), (283, 6830), (408, 7061), (411, 7064), (469, 7175), (479, 7199), (510, 7265), (518, 7289), (550, 7355), (584, 7421), (622, 7529), (659, 7604),

(800, 7781), (806, 7793), (812, 7805), (813, 7808), (817, 7814), (862, 7868), (916, 7928), (985, 8024), (1024, 8093), (1168, 8261), (1191, 8288),

Gene: Galactic_2 Start: 571, Stop: 2208, Start Num: 111
Candidate Starts for Galactic_2:
(Start: 111 @571 has 202 MA's), (Start: 118 @580 has 1 MA's), (Start: 129 @595 has 79 MA's), (Start: 158 @628 has 2 MA's), (Start: 185 @652 has 2 MA's), (188, 655), (224, 718), (244, 757), (312, 844), (352, 904), (377, 928), (381, 937), (383, 940), (392, 961), (404, 982), (415, 997), (440, 1054), (461, 1093), (502, 1162), (505, 1168), (514, 1198), (515, 1201), (518, 1210), (523, 1225), (534, 1243), (557, 1294), (601, 1387), (604, 1396), (711, 1567), (726, 1579), (800, 1663), (816, 1693), (818, 1696), (820, 1699), (869, 1756), (884, 1771), (889, 1777), (893, 1780), (901, 1795), (908, 1804), (957, 1873), (982, 1903), (988, 1912), (1006, 1945), (1014, 1963), (1024, 1978), (1069, 2005), (1094, 2038), (1112, 2065), (1114, 2068), (1127, 2089), (1139, 2113), (1142, 2122), (1145, 2125), (1184, 2182),

Gene: Galaxy_3 Start: 758, Stop: 2338, Start Num: 182
Candidate Starts for Galaxy_3:
(Start: 134 @692 has 16 MA's), (Start: 182 @758 has 15 MA's), (Start: 207 @794 has 2 MA's), (Start: 246 @854 has 12 MA's), (252, 863), (334, 995), (342, 1010), (364, 1034), (378, 1055), (464, 1193), (498, 1244), (505, 1256), (521, 1307), (526, 1319), (559, 1388), (581, 1448), (593, 1478), (599, 1487), (628, 1550), (780, 1766), (787, 1778), (804, 1817), (829, 1844), (838, 1859), (862, 1889), (903, 1928), (909, 1937), (915, 1946), (982, 2036), (1002, 2063), (1072, 2177), (1125, 2246),

Gene: Gallia_20 Start: 10701, Stop: 12389, Start Num: 84
Candidate Starts for Gallia_20:
(84, 10701), (225, 10893), (257, 10956), (299, 11025), (324, 11067), (349, 11106), (412, 11202), (416, 11211), (418, 11214), (432, 11238), (438, 11256), (514, 11397), (565, 11508), (584, 11544), (604, 11595), (608, 11607), (704, 11763), (778, 11826), (801, 11871), (908, 12009), (954, 12075), (988, 12108), (1085, 12213), (1107, 12246), (1121, 12264), (1139, 12294), (1169, 12339),

Gene: Gambol_2 Start: 593, Stop: 2281, Start Num: 119
Candidate Starts for Gambol_2:
(Start: 119 @593 has 16 MA's), (295, 794), (373, 938), (386, 962), (411, 1007), (456, 1094), (482, 1148), (509, 1187), (570, 1322), (608, 1424), (687, 1535), (773, 1646), (800, 1697), (985, 1952), (997, 1967), (1142, 2192), (1150, 2204), (1165, 2219),

Gene: Gancho_4 Start: 1561, Stop: 3195, Start Num: 61
Candidate Starts for Gancho_4:
(Start: 61 @1561 has 21 MA's), (Start: 98 @1600 has 3 MA's), (156, 1648), (Start: 280 @1819 has 2 MA's), (313, 1858), (421, 2038), (427, 2047), (431, 2056), (464, 2119), (468, 2125), (511, 2209), (512, 2212), (513, 2215), (558, 2311), (559, 2314), (564, 2323), (621, 2389), (643, 2419), (658, 2446), (685, 2479), (696, 2500), (698, 2503), (767, 2599), (779, 2620), (829, 2710), (859, 2752), (869, 2770), (872, 2776), (932, 2839), (936, 2845), (939, 2848), (972, 2893), (979, 2899), (999, 2926), (1005, 2941), (1046, 2992), (1053, 3001), (1068, 3016), (1070, 3019), (1102, 3058), (1116, 3073), (1123, 3088), (1126, 3091), (1197, 3169), (1203, 3175),

Gene: Gandalf20_12 Start: 7804, Stop: 9492, Start Num: 95
Candidate Starts for Gandalf20_12:
(Start: 95 @7804 has 435 MA's), (Start: 258 @7984 has 2 MA's), (311, 8068), (327, 8104), (339, 8131), (411, 8254), (469, 8362), (510, 8452), (518, 8476), (553, 8551), (620, 8707), (644, 8767), (813, 8992), (819, 9001), (832, 9013), (862, 9055), (882, 9076), (908, 9103), (985, 9211), (1070, 9301), (1139, 9406),

Gene: Gandalph_2 Start: 587, Stop: 2224, Start Num: 111

Candidate Starts for Gandalph_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Gandionco_15 Start: 7544, Stop: 9328, Start Num: 187
Candidate Starts for Gandionco_15:
(Start: 183 @7538 has 2 MA's), (Start: 187 @7544 has 203 MA's), (254, 7643), (388, 7892), (413, 7940), (444, 8018), (454, 8039), (492, 8108), (530, 8210), (549, 8255), (555, 8267), (578, 8324), (604, 8396), (644, 8495), (680, 8552), (685, 8567), (726, 8624), (771, 8693), (778, 8705), (833, 8798), (868, 8858), (876, 8876), (879, 8882), (929, 8945), (931, 8948), (954, 8987), (1045, 9119), (1059, 9152), (1071, 9176), (1080, 9188), (1094, 9206), (1136, 9278), (1139, 9281),

Gene: GantcherGoblin_7 Start: 3230, Stop: 4963, Start Num: 187
Candidate Starts for GantcherGoblin_7:
(Start: 187 @3230 has 203 MA's), (254, 3329), (388, 3566), (413, 3614), (444, 3692), (451, 3710), (454, 3713), (492, 3782), (530, 3884), (539, 3908), (570, 3965), (604, 4070), (644, 4169), (661, 4199), (685, 4241), (726, 4298), (771, 4367), (778, 4379), (868, 4493), (876, 4511), (929, 4580), (931, 4583), (1051, 4763), (1059, 4787), (1071, 4811), (1080, 4823), (1089, 4835), (1112, 4868), (1136, 4913), (1139, 4916),

Gene: Garak_16 Start: 7533, Stop: 9287, Start Num: 96
Candidate Starts for Garak_16:
(Start: 96 @7533 has 243 MA's), (200, 7665), (250, 7764), (262, 7788), (283, 7815), (300, 7851), (339, 7926), (411, 8049), (420, 8064), (432, 8088), (469, 8157), (479, 8181), (480, 8184), (510, 8247), (518, 8271), (583, 8400), (584, 8403), (623, 8514), (732, 8676), (800, 8763), (806, 8775), (812, 8787), (852, 8835), (862, 8850), (901, 8889), (916, 8910), (979, 8994), (985, 9006), (1168, 9243), (1191, 9270), (1193, 9273),

Gene: Gardann_4 Start: 1069, Stop: 2637, Start Num: 93
Candidate Starts for Gardann_4:
(Start: 93 @1069 has 92 MA's), (Start: 99 @1075 has 9 MA's), (228, 1231), (419, 1528), (422, 1534), (450, 1594), (494, 1666), (498, 1672), (558, 1792), (591, 1840), (632, 1894), (643, 1918), (671, 1963), (676, 1969), (694, 1999), (699, 2005), (722, 2032), (729, 2041), (776, 2098), (779, 2104), (789, 2125), (790, 2131), (838, 2206), (845, 2209), (867, 2245), (912, 2290), (962, 2356), (1008, 2431), (1018, 2449), (1024, 2458), (1158, 2605), (1181, 2629), (1183, 2632),

Gene: GardenSalsa_18 Start: 5300, Stop: 6841, Start Num: 130
Candidate Starts for GardenSalsa_18:
(Start: 130 @5300 has 21 MA's), (Start: 132 @5303 has 2 MA's), (266, 5486), (281, 5504), (310, 5537), (315, 5546), (342, 5609), (392, 5684), (494, 5837), (512, 5876), (561, 5969), (572, 5990), (676, 6137), (715, 6197), (857, 6371), (912, 6449), (959, 6509), (977, 6536), (1158, 6791),

Gene: GardenState_2 Start: 501, Stop: 2183, Start Num: 93
Candidate Starts for GardenState_2:
(Start: 93 @501 has 92 MA's), (Start: 163 @555 has 23 MA's), (339, 798), (373, 852), (411, 921), (430, 957), (604, 1317), (985, 1857), (1150, 2109),

Gene: Gardevoir_3 Start: 1074, Stop: 2534, Start Num: 149
Candidate Starts for Gardevoir_3:
(Start: 149 @1074 has 162 MA's), (Start: 154 @1080 has 4 MA's), (Start: 272 @1242 has 48 MA's), (278, 1251), (315, 1311), (348, 1380), (366, 1401), (394, 1452), (520, 1656), (642, 1869), (649, 1884), (674, 1920), (703, 1962), (739, 1995), (765, 2013), (834, 2133), (835, 2136), (848, 2148), (905, 2223), (944, 2286), (958, 2304), (960, 2307), (1098, 2469), (1104, 2478), (1110, 2487), (1135, 2526),

Gene: Gattaca_34 Start: 10300, Stop: 12042, Start Num: 143
Candidate Starts for Gattaca_34:
(Start: 143 @10300 has 83 MA's), (253, 10417), (283, 10462), (305, 10528), (306, 10543), (323, 10576), (324, 10579), (329, 10594), (341, 10618), (342, 10621), (362, 10651), (375, 10672), (378, 10690), (383, 10699), (402, 10735), (411, 10750), (434, 10795), (458, 10837), (477, 10876), (482, 10888), (497, 10909), (519, 10960), (534, 10981), (635, 11203), (697, 11308), (704, 11317), (749, 11350), (776, 11371), (778, 11374), (789, 11401), (800, 11431), (806, 11443), (813, 11458), (819, 11467), (825, 11473), (852, 11515), (858, 11524), (865, 11539), (882, 11554), (929, 11614), (954, 11653), (980, 11686), (1001, 11716), (1002, 11719), (1040, 11803), (1081, 11857), (1092, 11872), (1113, 11899), (1142, 11953), (1211, 12025), (1213, 12028),

Gene: GaugeLDP_14 Start: 8787, Stop: 10547, Start Num: 96
Candidate Starts for GaugeLDP_14:
(Start: 96 @8787 has 243 MA's), (179, 8895), (193, 8916), (241, 9006), (250, 9024), (408, 9306), (411, 9309), (432, 9348), (469, 9417), (510, 9507), (518, 9531), (570, 9630), (583, 9660), (584, 9663), (740, 9948), (800, 10023), (806, 10035), (812, 10047), (869, 10122), (904, 10152), (916, 10170), (979, 10254), (985, 10266), (1024, 10335), (1168, 10503), (1191, 10530), (1193, 10533),

Gene: Gemini_10 Start: 2509, Stop: 4179, Start Num: 272
Candidate Starts for Gemini_10:
(Start: 272 @2509 has 48 MA's), (309, 2572), (435, 2806), (487, 2908), (570, 3088), (576, 3112), (585, 3130), (595, 3142), (616, 3205), (621, 3217), (642, 3262), (649, 3277), (700, 3355), (728, 3400), (759, 3454), (760, 3460), (814, 3574), (841, 3622), (910, 3718), (922, 3739), (933, 3754), (1014, 3907), (1022, 3919), (1065, 3976), (1091, 4012), (1124, 4063), (1142, 4099), (1145, 4102), (1193, 4168),

Gene: Gemma_13 Start: 7029, Stop: 8729, Start Num: 102
Candidate Starts for Gemma_13:
(Start: 102 @7029 has 88 MA's), (137, 7077), (Start: 191 @7149 has 2 MA's), (253, 7212), (411, 7491), (510, 7689), (550, 7779), (583, 7842), (644, 8004), (800, 8202), (812, 8226), (813, 8229), (862, 8292), (869, 8304), (882, 8313), (901, 8331), (916, 8352), (985, 8448), (1014, 8502), (1070, 8538), (1168, 8685), (1193, 8715), (1196, 8718),

Gene: GenevaB15_18 Start: 5321, Stop: 6862, Start Num: 130
Candidate Starts for GenevaB15_18:
(Start: 130 @5321 has 21 MA's), (Start: 132 @5324 has 2 MA's), (266, 5507), (281, 5525), (310, 5558), (315, 5567), (392, 5705), (494, 5858), (512, 5897), (561, 5990), (572, 6011), (676, 6158), (715, 6218), (834, 6365), (857, 6392), (912, 6470), (959, 6530), (977, 6557), (1158, 6812),

Gene: George_8 Start: 6161, Stop: 7939, Start Num: 52
Candidate Starts for George_8:
(Start: 52 @6161 has 23 MA's), (Start: 63 @6188 has 32 MA's), (112, 6257), (196, 6371), (200, 6377), (300, 6509), (339, 6584), (341, 6587), (362, 6620), (381, 6653), (439, 6761), (449, 6785), (469, 6818), (510, 6893), (526, 6938), (565, 7016), (570, 7022), (647, 7220), (661, 7241), (800, 7415), (812, 7439), (813, 7442), (862, 7502), (869, 7514), (901, 7541), (916, 7562), (979, 7646), (985, 7658), (1168, 7895), (1196, 7928), (1202, 7934),

Gene: Georgie2_13 Start: 7387, Stop: 9174, Start Num: 96
Candidate Starts for Georgie2_13:
(Start: 96 @7387 has 243 MA's), (179, 7495), (193, 7516), (250, 7624), (339, 7786), (408, 7906), (411, 7909), (469, 8017), (510, 8107), (518, 8131), (580, 8248), (584, 8263), (733, 8563), (869, 8749), (901, 8776), (916, 8797), (985, 8893), (1168, 9130), (1191, 9157), (1193, 9160),

Gene: Geralt_2 Start: 571, Stop: 2208, Start Num: 111
Candidate Starts for Geralt_2:
(Start: 111 @571 has 202 MA's), (Start: 118 @580 has 1 MA's), (Start: 129 @595 has 79 MA's), (Start: 185 @652 has 2 MA's), (188, 655), (224, 718), (244, 757), (312, 844), (352, 904), (369, 916), (377, 928), (381, 937), (383, 940), (392, 961), (404, 982), (440, 1054), (461, 1093), (502, 1162), (505, 1168), (514, 1198), (515, 1201), (518, 1210), (523, 1225), (534, 1243), (557, 1294), (601, 1387), (604, 1396), (711, 1567), (726, 1579), (800, 1663), (816, 1693), (818, 1696), (820, 1699), (869, 1756), (884, 1771), (889, 1777), (893, 1780), (901, 1795), (908, 1804), (957, 1873), (982, 1903), (988, 1912), (1006, 1945), (1024, 1978), (1069, 2005), (1094, 2038), (1114, 2068), (1127, 2089), (1139, 2113), (1142, 2122), (1145, 2125), (1184, 2182),

Gene: GermyBearimy_9 Start: 3739, Stop: 5487, Start Num: 187
Candidate Starts for GermyBearimy_9:
(Start: 184 @3736 has 4 MA's), (Start: 187 @3739 has 203 MA's), (254, 3838), (287, 3889), (413, 4135), (430, 4171), (444, 4213), (451, 4231), (454, 4234), (503, 4327), (530, 4405), (533, 4411), (571, 4489), (578, 4519), (582, 4531), (604, 4591), (618, 4627), (634, 4666), (644, 4690), (704, 4795), (726, 4819), (778, 4903), (868, 5017), (879, 5041), (929, 5104), (931, 5107), (1045, 5278), (1059, 5311), (1071, 5335), (1080, 5347), (1114, 5395), (1133, 5428), (1136, 5437), (1139, 5440),

Gene: Ghobes_1 Start: 60, Stop: 1760, Start Num: 52
Candidate Starts for Ghobes_1:
(38, 21), (Start: 52 @60 has 23 MA's), (235, 345), (Start: 268 @399 has 4 MA's), (315, 459), (377, 564), (389, 588), (422, 642), (494, 750), (523, 825), (532, 840), (547, 876), (563, 906), (621, 966), (705, 1107), (803, 1248), (804, 1251), (806, 1254), (807, 1257), (827, 1278), (838, 1293), (937, 1425), (982, 1479), (1001, 1503), (1144, 1695),

Gene: Ghoulboy_9 Start: 6238, Stop: 8016, Start Num: 52
Candidate Starts for Ghoulboy_9:
(Start: 52 @6238 has 23 MA's), (Start: 63 @6265 has 32 MA's), (112, 6334), (139, 6373), (196, 6448), (200, 6454), (300, 6586), (339, 6661), (341, 6664), (381, 6730), (439, 6838), (449, 6862), (510, 6970), (526, 7015), (565, 7093), (570, 7099), (571, 7102), (632, 7264), (635, 7270), (647, 7297), (800, 7492), (812, 7516), (862, 7579), (869, 7591), (901, 7618), (916, 7639), (954, 7693), (979, 7723), (985, 7735), (1168, 7972), (1196, 8005), (1202, 8011),

Gene: GiKK_7 Start: 1487, Stop: 3187, Start Num: 140
Candidate Starts for GiKK_7:
(Start: 140 @1487 has 9 MA's), (Start: 191 @1541 has 2 MA's), (205, 1562), (219, 1589), (290, 1664), (300, 1700), (341, 1778), (381, 1853), (392, 1877), (411, 1907), (434, 1958), (482, 2057), (532, 2147), (574, 2237), (598, 2291), (623, 2366), (685, 2480), (697, 2504), (773, 2564), (776, 2570), (803, 2636), (806, 2642), (862, 2726), (882, 2747), (929, 2807), (934, 2813), (959, 2846), (1067, 2969), (1083, 2990), (1141, 3080), (1142, 3083), (1168, 3113), (1213, 3173), (1214, 3176),

Gene: Giantsbane_7 Start: 3534, Stop: 5273, Start Num: 187
Candidate Starts for Giantsbane_7:
(Start: 183 @3528 has 2 MA's), (Start: 187 @3534 has 203 MA's), (254, 3633), (322, 3753), (376, 3852), (413, 3924), (444, 4002), (454, 4023), (506, 4125), (530, 4194), (539, 4218), (543, 4227), (604,

4380), (634, 4455), (644, 4479), (704, 4584), (726, 4608), (778, 4689), (868, 4803), (876, 4821), (879, 4827), (916, 4869), (929, 4890), (931, 4893), (1051, 5073), (1059, 5097), (1071, 5121), (1080, 5133), (1094, 5151), (1136, 5223), (1139, 5226),

Gene: GigiOuiOui_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for GigiOuiOui_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Gilberta_12 Start: 8021, Stop: 9784, Start Num: 96
Candidate Starts for Gilberta_12:
(Start: 96 @8021 has 243 MA's), (Start: 120 @8042 has 11 MA's), (179, 8129), (250, 8258), (262, 8282), (300, 8345), (381, 8489), (408, 8540), (411, 8543), (469, 8654), (479, 8678), (480, 8681), (510, 8744), (513, 8753), (518, 8768), (580, 8885), (584, 8900), (605, 8960), (638, 9044), (806, 9272), (812, 9284), (852, 9332), (862, 9347), (901, 9386), (916, 9407), (942, 9446), (979, 9491), (985, 9503), (1168, 9740), (1191, 9767),

Gene: Giles_5 Start: 1855, Stop: 3489, Start Num: 61
Candidate Starts for Giles_5:
(Start: 61 @1855 has 21 MA's), (Start: 98 @1894 has 3 MA's), (156, 1942), (Start: 280 @2113 has 2 MA's), (313, 2152), (421, 2332), (427, 2341), (431, 2350), (464, 2413), (468, 2419), (511, 2503), (512, 2506), (513, 2509), (558, 2605), (559, 2608), (564, 2617), (621, 2683), (643, 2713), (658, 2740), (685, 2773), (696, 2794), (698, 2797), (767, 2893), (779, 2914), (829, 3004), (859, 3046), (869, 3064), (872, 3070), (932, 3133), (936, 3139), (939, 3142), (972, 3187), (979, 3193), (999, 3220), (1005, 3235), (1046, 3286), (1053, 3295), (1068, 3310), (1070, 3313), (1102, 3352), (1116, 3367), (1123, 3382), (1126, 3385), (1197, 3463), (1203, 3469),

Gene: Gill_13 Start: 7213, Stop: 8958, Start Num: 187
Candidate Starts for Gill_13:
(Start: 187 @7213 has 203 MA's), (195, 7219), (252, 7306), (254, 7312), (274, 7348), (302, 7402), (444, 7687), (451, 7705), (454, 7708), (492, 7777), (530, 7879), (545, 7915), (555, 7936), (570, 7960), (588, 8017), (604, 8065), (630, 8131), (644, 8164), (647, 8170), (665, 8200), (680, 8221), (726, 8293), (868, 8488), (916, 8554), (929, 8575), (931, 8578), (968, 8638), (1045, 8749), (1060, 8785), (1071, 8806), (1080, 8818), (1136, 8908), (1139, 8911),

Gene: Gillker_3 Start: 1074, Stop: 2534, Start Num: 149
Candidate Starts for Gillker_3:
(Start: 149 @1074 has 162 MA's), (Start: 154 @1080 has 4 MA's), (Start: 272 @1242 has 48 MA's), (278, 1251), (315, 1311), (348, 1380), (366, 1401), (394, 1452), (520, 1656), (642, 1869), (649, 1884), (674, 1920), (703, 1962), (739, 1995), (765, 2013), (834, 2133), (835, 2136), (848, 2148), (905, 2223), (944, 2286), (958, 2304), (960, 2307), (1098, 2469), (1104, 2478), (1110, 2487), (1135, 2526),

Gene: GingkoMaracino_13 Start: 6843, Stop: 8543, Start Num: 102
Candidate Starts for GingkoMaracino_13:
(Start: 102 @6843 has 88 MA's), (137, 6891), (Start: 191 @6963 has 2 MA's), (253, 7026), (362, 7218), (411, 7305), (510, 7503), (550, 7593), (583, 7656), (644, 7818), (800, 8016), (812, 8040), (813, 8043),

(862, 8106), (882, 8127), (916, 8166), (985, 8262), (1014, 8316), (1070, 8352), (1168, 8499), (1193, 8529), (1196, 8532),

Gene: Giorgio_2 Start: 595, Stop: 2283, Start Num: 119
Candidate Starts for Giorgio_2:
(Start: 119 @595 has 16 MA's), (373, 940), (386, 964), (411, 1009), (456, 1096), (482, 1150), (509, 1189), (570, 1324), (608, 1426), (773, 1648), (800, 1699), (959, 1918), (985, 1954), (997, 1969), (1142, 2194), (1150, 2206), (1165, 2221), (1204, 2272),

Gene: GirlDinner_6 Start: 2186, Stop: 3832, Start Num: 73
Candidate Starts for GirlDinner_6:
(Start: 73 @2186 has 95 MA's), (295, 2429), (300, 2444), (311, 2456), (378, 2582), (400, 2624), (403, 2630), (413, 2645), (458, 2732), (497, 2804), (510, 2828), (556, 2927), (574, 2963), (584, 2981), (648, 3104), (673, 3140), (806, 3302), (811, 3311), (852, 3374), (901, 3428), (959, 3509), (985, 3548), (1001, 3569), (1010, 3593), (1141, 3746), (1142, 3749),

Gene: GirlPower_7 Start: 3715, Stop: 5460, Start Num: 187
Candidate Starts for GirlPower_7:
(Start: 187 @3715 has 203 MA's), (229, 3769), (231, 3772), (252, 3808), (254, 3814), (380, 4048), (388, 4063), (444, 4189), (454, 4210), (476, 4252), (480, 4264), (522, 4363), (530, 4381), (555, 4438), (584, 4513), (634, 4642), (644, 4666), (647, 4672), (726, 4795), (748, 4834), (771, 4864), (863, 4981), (866, 4987), (876, 5008), (914, 5053), (929, 5077), (931, 5080), (962, 5131), (1051, 5260), (1059, 5284), (1071, 5308), (1080, 5320), (1094, 5338), (1114, 5368), (1136, 5410), (1139, 5413),

Gene: Giroux_12 Start: 6496, Stop: 8193, Start Num: 95
Candidate Starts for Giroux_12:
(Start: 95 @6496 has 435 MA's), (Start: 122 @6520 has 1 MA's), (152, 6568), (311, 6766), (339, 6829), (403, 6940), (411, 6952), (432, 6991), (438, 7003), (469, 7060), (479, 7084), (510, 7150), (513, 7159), (550, 7240), (565, 7267), (620, 7405), (661, 7492), (685, 7525), (740, 7591), (800, 7666), (812, 7690), (813, 7693), (817, 7699), (825, 7708), (852, 7741), (862, 7756), (916, 7816), (985, 7912), (1010, 7957), (1014, 7966), (1145, 8119), (1168, 8149), (1193, 8179), (1196, 8182),

Gene: Girr_2 Start: 573, Stop: 2210, Start Num: 111
Candidate Starts for Girr_2:
(Start: 111 @573 has 202 MA's), (Start: 118 @582 has 1 MA's), (Start: 129 @597 has 79 MA's), (147, 618), (Start: 185 @654 has 2 MA's), (188, 657), (200, 675), (224, 720), (244, 759), (312, 846), (352, 906), (377, 930), (381, 939), (383, 942), (392, 963), (404, 984), (415, 999), (440, 1056), (461, 1095), (502, 1164), (505, 1170), (514, 1200), (515, 1203), (518, 1212), (523, 1227), (534, 1245), (557, 1296), (601, 1389), (604, 1398), (711, 1569), (726, 1581), (800, 1665), (816, 1695), (818, 1698), (820, 1701), (869, 1758), (884, 1773), (889, 1779), (893, 1782), (901, 1797), (908, 1806), (957, 1875), (982, 1905), (988, 1914), (1006, 1947), (1024, 1980), (1069, 2007), (1094, 2040), (1114, 2070), (1127, 2091), (1139, 2115), (1142, 2124), (1145, 2127), (1184, 2184),

Gene: Gisselle_2 Start: 426, Stop: 1991, Start Num: 129
Candidate Starts for Gisselle_2:
(Start: 129 @426 has 79 MA's), (211, 549), (313, 690), (316, 696), (334, 741), (342, 756), (347, 762), (364, 780), (496, 1011), (500, 1017), (521, 1077), (625, 1236), (637, 1266), (642, 1281), (701, 1380), (764, 1440), (768, 1449), (804, 1524), (834, 1557), (838, 1566), (861, 1593), (912, 1647), (939, 1689), (1008, 1755), (1095, 1857), (1192, 1977),

Gene: Gladiator_15 Start: 7507, Stop: 9261, Start Num: 96
Candidate Starts for Gladiator_15:

(Start: 96 @7507 has 243 MA's), (200, 7639), (250, 7738), (262, 7762), (283, 7789), (300, 7825), (339, 7900), (411, 8023), (420, 8038), (432, 8062), (469, 8131), (479, 8155), (480, 8158), (510, 8221), (518, 8245), (583, 8374), (584, 8377), (623, 8488), (732, 8650), (800, 8737), (806, 8749), (812, 8761), (852, 8809), (862, 8824), (916, 8884), (979, 8968), (985, 8980), (1168, 9217), (1191, 9244), (1193, 9247),

Gene: Glaske16_15 Start: 4718, Stop: 6262, Start Num: 130
Candidate Starts for Glaske16_15:
(Start: 130 @4718 has 21 MA's), (Start: 163 @4766 has 23 MA's), (315, 4967), (392, 5105), (512, 5297), (643, 5507), (676, 5558), (729, 5630), (789, 5693), (796, 5717), (804, 5732), (857, 5792), (862, 5804), (907, 5864), (930, 5897), (959, 5930), (977, 5957), (1007, 6005), (1143, 6191), (1158, 6212),

Gene: Glenn_5 Start: 3133, Stop: 4698, Start Num: 129
Candidate Starts for Glenn_5:
(Start: 129 @3133 has 79 MA's), (Start: 268 @3343 has 4 MA's), (Start: 272 @3346 has 48 MA's), (313, 3397), (342, 3463), (364, 3487), (485, 3703), (494, 3715), (496, 3718), (500, 3724), (521, 3784), (548, 3844), (554, 3856), (625, 3943), (637, 3973), (642, 3988), (692, 4069), (764, 4147), (768, 4156), (787, 4192), (804, 4231), (834, 4264), (838, 4273), (861, 4300), (912, 4354), (939, 4396), (1001, 4441), (1008, 4462), (1022, 4486), (1095, 4564), (1192, 4684),

Gene: Glintora_16 Start: 10477, Stop: 12222, Start Num: 187
Candidate Starts for Glintora_16:
(Start: 187 @10477 has 203 MA's), (195, 10483), (252, 10570), (254, 10576), (274, 10612), (302, 10666), (309, 10672), (361, 10768), (395, 10843), (444, 10951), (454, 10972), (492, 11041), (530, 11143), (555, 11200), (578, 11257), (582, 11269), (604, 11329), (644, 11428), (647, 11434), (682, 11491), (726, 11557), (863, 11743), (868, 11752), (899, 11794), (916, 11818), (929, 11839), (931, 11842), (1069, 12067), (1071, 12070), (1080, 12082), (1136, 12172), (1139, 12175),

Gene: GlobiWarming_2 Start: 625, Stop: 2373, Start Num: 201
Candidate Starts for GlobiWarming_2:
(164, 574), (180, 601), (Start: 201 @625 has 43 MA's), (266, 718), (340, 859), (344, 865), (364, 898), (366, 901), (377, 919), (397, 961), (437, 1039), (447, 1063), (456, 1075), (476, 1114), (487, 1135), (506, 1168), (526, 1222), (539, 1255), (541, 1261), (596, 1363), (614, 1420), (620, 1435), (641, 1474), (700, 1570), (802, 1747), (810, 1762), (824, 1786), (942, 1969), (959, 1996), (973, 2020), (980, 2038), (994, 2068), (1023, 2125), (1042, 2152), (1066, 2176), (1073, 2185), (1114, 2236), (1142, 2290),

Gene: Glotell_2 Start: 370, Stop: 1992, Start Num: 149
Candidate Starts for Glotell_2:
(Start: 134 @349 has 16 MA's), (Start: 149 @370 has 162 MA's), (313, 601), (315, 604), (319, 613), (333, 649), (342, 667), (394, 745), (464, 850), (521, 964), (534, 988), (548, 1024), (559, 1045), (569, 1060), (589, 1120), (628, 1204), (780, 1420), (787, 1432), (798, 1459), (829, 1498), (834, 1504), (862, 1543), (889, 1570), (903, 1582), (923, 1615), (932, 1627), (956, 1660), (1072, 1831), (1125, 1900), (1129, 1906), (1144, 1927), (1159, 1948), (1187, 1978), (1190, 1981), (1192, 1984),

Gene: GoCrazy_7 Start: 3847, Stop: 5601, Start Num: 187
Candidate Starts for GoCrazy_7:
(151, 3793), (Start: 183 @3841 has 2 MA's), (Start: 187 @3847 has 203 MA's), (252, 3940), (254, 3946), (361, 4138), (395, 4213), (413, 4243), (427, 4273), (444, 4321), (454, 4342), (530, 4513), (604, 4699), (644, 4798), (685, 4870), (726, 4927), (771, 5005), (778, 5017), (868, 5131), (876, 5149), (914, 5194), (929, 5218), (931, 5221), (954, 5260), (1051, 5401), (1069, 5446), (1071, 5449), (1080, 5461), (1114, 5509), (1133, 5542), (1136, 5551), (1139, 5554),

Gene: GoblinVoyage_7 Start: 2654, Stop: 4399, Start Num: 187
Candidate Starts for GoblinVoyage_7:

(Start: 187 @2654 has 203 MA's), (195, 2660), (229, 2708), (252, 2747), (254, 2753), (413, 3050), (444, 3128), (451, 3146), (454, 3149), (492, 3218), (506, 3251), (530, 3320), (573, 3413), (604, 3506), (647, 3611), (726, 3734), (771, 3806), (876, 3947), (929, 4016), (931, 4019), (1012, 4157), (1060, 4226), (1071, 4247), (1074, 4250), (1080, 4259), (1094, 4277), (1114, 4307), (1136, 4349), (1139, 4352),

Gene: Goby_6 Start: 2377, Stop: 4023, Start Num: 73
Candidate Starts for Goby_6:
(Start: 73 @2377 has 95 MA's), (Start: 86 @2395 has 10 MA's), (283, 2599), (300, 2635), (400, 2815), (413, 2836), (458, 2923), (497, 2995), (510, 3019), (556, 3118), (565, 3133), (580, 3157), (581, 3163), (673, 3331), (719, 3391), (800, 3481), (811, 3502), (869, 3592), (916, 3640), (985, 3739), (1001, 3760), (1003, 3766), (1010, 3784), (1142, 3940),

Gene: Godfather_3 Start: 1086, Stop: 2546, Start Num: 149
Candidate Starts for Godfather_3:
(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (642, 1881), (649, 1896), (674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: Godpower_7 Start: 2380, Stop: 4026, Start Num: 73
Candidate Starts for Godpower_7:
(Start: 73 @2380 has 95 MA's), (Start: 86 @2398 has 10 MA's), (283, 2602), (300, 2638), (400, 2818), (413, 2839), (458, 2926), (497, 2998), (510, 3022), (556, 3121), (565, 3136), (580, 3160), (581, 3166), (673, 3334), (800, 3484), (811, 3505), (869, 3595), (959, 3703), (985, 3742), (1001, 3763), (1003, 3769), (1010, 3787), (1142, 3943),

Gene: Goib_8 Start: 3467, Stop: 5074, Start Num: 159
Candidate Starts for Goib_8:
(Start: 99 @3389 has 9 MA's), (Start: 159 @3467 has 6 MA's), (316, 3695), (364, 3779), (378, 3800), (389, 3821), (464, 3959), (500, 4013), (535, 4100), (536, 4103), (548, 4133), (628, 4238), (681, 4340), (768, 4463), (811, 4550), (830, 4565), (838, 4580), (891, 4643), (944, 4712), (971, 4754), (983, 4778), (1013, 4829), (1014, 4832), (1046, 4865), (1095, 4931), (1130, 4982), (1195, 5060), (1206, 5066),

Gene: GoldHunter_4 Start: 1113, Stop: 2792, Start Num: 143
Candidate Starts for GoldHunter_4:
(Start: 143 @1113 has 83 MA's), (Start: 191 @1164 has 2 MA's), (205, 1185), (Start: 207 @1188 has 2 MA's), (254, 1230), (300, 1311), (334, 1377), (339, 1386), (378, 1458), (386, 1473), (405, 1509), (411, 1518), (434, 1569), (482, 1668), (513, 1722), (532, 1758), (598, 1902), (609, 1938), (623, 1977), (635, 2010), (661, 2058), (685, 2091), (697, 2115), (738, 2148), (776, 2181), (798, 2238), (803, 2247), (859, 2331), (929, 2418), (1001, 2514), (1072, 2586), (1081, 2598), (1165, 2718), (1213, 2778), (1214, 2781),

Gene: GoldenBlanche_3 Start: 1074, Stop: 2534, Start Num: 149
Candidate Starts for GoldenBlanche_3:
(Start: 149 @1074 has 162 MA's), (Start: 154 @1080 has 4 MA's), (Start: 272 @1242 has 48 MA's), (278, 1251), (315, 1311), (348, 1380), (366, 1401), (394, 1452), (520, 1656), (642, 1869), (649, 1884), (674, 1920), (703, 1962), (739, 1995), (765, 2013), (834, 2133), (835, 2136), (848, 2148), (905, 2223), (944, 2286), (958, 2304), (960, 2307), (1098, 2469), (1104, 2478), (1110, 2487), (1135, 2526),

Gene: GoldenSpark_10 Start: 2509, Stop: 4179, Start Num: 272
Candidate Starts for GoldenSpark_10:

(Start: 272 @2509 has 48 MA's), (309, 2572), (435, 2806), (487, 2908), (570, 3088), (576, 3112), (585, 3130), (595, 3142), (616, 3205), (621, 3217), (642, 3262), (649, 3277), (700, 3355), (728, 3400), (759, 3454), (760, 3460), (814, 3574), (841, 3622), (910, 3718), (933, 3754), (1014, 3907), (1022, 3919), (1065, 3976), (1091, 4012), (1124, 4063), (1142, 4099), (1145, 4102), (1193, 4168),

Gene: Goldilocks_10 Start: 2509, Stop: 4179, Start Num: 272
Candidate Starts for Goldilocks_10:
(Start: 272 @2509 has 48 MA's), (309, 2572), (435, 2806), (487, 2908), (570, 3088), (576, 3112), (585, 3130), (595, 3142), (616, 3205), (621, 3217), (642, 3262), (649, 3277), (700, 3355), (728, 3400), (759, 3454), (760, 3460), (814, 3574), (841, 3622), (910, 3718), (922, 3739), (933, 3754), (1014, 3907), (1022, 3919), (1065, 3976), (1091, 4012), (1124, 4063), (1142, 4099), (1145, 4102), (1193, 4168),

Gene: Gollum_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Gollum_8:
(Start: 104 @3156 has 36 MA's), (Start: 258 @3342 has 2 MA's), (300, 3414), (311, 3426), (323, 3450), (327, 3462), (411, 3615), (420, 3630), (449, 3690), (510, 3798), (534, 3855), (618, 4053), (623, 4071), (647, 4125), (778, 4269), (800, 4311), (817, 4344), (869, 4413), (985, 4557), (1010, 4602), (1081, 4662), (1142, 4761), (1168, 4794), (1191, 4821), (1193, 4824), (1196, 4827),

Gene: Gompeii16_11 Start: 7207, Stop: 8895, Start Num: 95
Candidate Starts for Gompeii16_11:
(Start: 95 @7207 has 435 MA's), (311, 7471), (323, 7495), (411, 7657), (430, 7690), (469, 7765), (510, 7855), (518, 7879), (534, 7906), (553, 7954), (620, 8110), (644, 8170), (813, 8395), (819, 8404), (832, 8416), (862, 8458), (882, 8479), (908, 8506), (985, 8614), (1070, 8704), (1139, 8809),

Gene: GooberAzure_10 Start: 2509, Stop: 4179, Start Num: 272
Candidate Starts for GooberAzure_10:
(Start: 272 @2509 has 48 MA's), (309, 2572), (435, 2806), (487, 2908), (570, 3088), (576, 3112), (585, 3130), (595, 3142), (616, 3205), (621, 3217), (642, 3262), (649, 3277), (700, 3355), (728, 3400), (759, 3454), (760, 3460), (814, 3574), (841, 3622), (910, 3718), (933, 3754), (1014, 3907), (1022, 3919), (1065, 3976), (1091, 4012), (1124, 4063), (1142, 4099), (1145, 4102), (1193, 4168),

Gene: Goobery_3 Start: 1086, Stop: 2546, Start Num: 149
Candidate Starts for Goobery_3:
(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (642, 1881), (649, 1896), (674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: GoodLuckBabe_6 Start: 1957, Stop: 3657, Start Num: 163
Candidate Starts for GoodLuckBabe_6:
(124, 1900), (Start: 146 @1936 has 40 MA's), (Start: 163 @1957 has 23 MA's), (233, 2080), (Start: 246 @2101 has 12 MA's), (278, 2149), (315, 2194), (333, 2239), (342, 2257), (345, 2260), (347, 2263), (464, 2440), (521, 2554), (548, 2614), (559, 2635), (582, 2701), (642, 2866), (692, 2932), (699, 2947), (796, 3118), (834, 3166), (838, 3175), (869, 3217), (907, 3250), (932, 3289), (983, 3331), (1054, 3421), (1072, 3448), (1075, 3451), (1078, 3457), (1125, 3520), (1181, 3598), (1215, 3646),

Gene: GoongGoong_34 Start: 10340, Stop: 12082, Start Num: 143
Candidate Starts for GoongGoong_34:
(Start: 143 @10340 has 83 MA's), (253, 10457), (283, 10502), (305, 10568), (306, 10583), (323, 10616), (324, 10619), (329, 10634), (341, 10658), (342, 10661), (362, 10691), (375, 10712), (378, 10730), (383, 10739), (402, 10775), (411, 10790), (434, 10835), (458, 10877), (477, 10916), (482, 10928), (497, 10949), (519, 11000), (534, 11021), (635, 11243), (697, 11348), (704, 11357), (749,

11390), (776, 11411), (778, 11414), (789, 11441), (800, 11471), (806, 11483), (813, 11498), (819, 11507), (825, 11513), (852, 11555), (858, 11564), (865, 11579), (882, 11594), (929, 11654), (954, 11693), (980, 11726), (1001, 11756), (1002, 11759), (1040, 11843), (1081, 11897), (1092, 11912), (1113, 11939), (1142, 11993), (1211, 12065), (1213, 12068),

Gene: Goose_11 Start: 6707, Stop: 8380, Start Num: 95
Candidate Starts for Goose_11:
(Start: 95 @6707 has 435 MA's), (Start: 207 @6836 has 2 MA's), (267, 6902), (311, 6968), (330, 7013), (362, 7067), (386, 7109), (411, 7154), (432, 7193), (458, 7241), (469, 7262), (479, 7286), (510, 7337), (570, 7460), (598, 7529), (626, 7607), (650, 7667), (685, 7712), (740, 7778), (798, 7850), (800, 7853), (812, 7877), (862, 7943), (901, 7982), (904, 7985), (916, 8003), (985, 8099), (1024, 8168), (1168, 8336), (1193, 8366), (1196, 8369),

Gene: Goose1D_11 Start: 5746, Stop: 7443, Start Num: 95
Candidate Starts for Goose1D_11:
(Start: 95 @5746 has 435 MA's), (152, 5818), (311, 6016), (403, 6190), (411, 6202), (432, 6241), (438, 6253), (469, 6310), (479, 6334), (510, 6400), (513, 6409), (550, 6490), (620, 6655), (647, 6721), (661, 6742), (678, 6766), (685, 6775), (740, 6841), (800, 6916), (812, 6940), (813, 6943), (817, 6949), (825, 6958), (862, 7006), (901, 7045), (916, 7066), (985, 7162), (1010, 7207), (1014, 7216), (1145, 7369), (1168, 7399), (1193, 7429), (1196, 7432),

Gene: Goose1X_11 Start: 5818, Stop: 7515, Start Num: 95
Candidate Starts for Goose1X_11:
(Start: 95 @5818 has 435 MA's), (152, 5890), (311, 6088), (403, 6262), (411, 6274), (432, 6313), (438, 6325), (469, 6382), (479, 6406), (510, 6472), (513, 6481), (550, 6562), (620, 6727), (647, 6793), (661, 6814), (678, 6838), (685, 6847), (740, 6913), (800, 6988), (812, 7012), (813, 7015), (817, 7021), (825, 7030), (862, 7078), (901, 7117), (916, 7138), (985, 7234), (1010, 7279), (1014, 7288), (1145, 7441), (1168, 7471), (1193, 7501), (1196, 7504),

Gene: Gordon_7 Start: 4842, Stop: 6581, Start Num: 187
Candidate Starts for Gordon_7:
(Start: 187 @4842 has 203 MA's), (254, 4941), (322, 5061), (376, 5160), (395, 5202), (413, 5232), (427, 5262), (444, 5310), (454, 5331), (506, 5433), (530, 5502), (539, 5526), (578, 5616), (604, 5688), (634, 5763), (644, 5787), (704, 5892), (726, 5916), (778, 5997), (868, 6111), (876, 6129), (879, 6135), (929, 6198), (931, 6201), (1055, 6390), (1059, 6405), (1061, 6411), (1071, 6429), (1080, 6441), (1136, 6531), (1139, 6534),

Gene: Gorge_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for Gorge_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (Start: 158 @629 has 2 MA's), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (244, 758), (312, 845), (352, 905), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (584, 1346), (601, 1388), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1024, 1979), (1069, 2006), (1094, 2039), (1112, 2066), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: Goulash_3 Start: 1074, Stop: 2534, Start Num: 149
Candidate Starts for Goulash_3:
(Start: 149 @1074 has 162 MA's), (Start: 154 @1080 has 4 MA's), (Start: 272 @1242 has 48 MA's), (278, 1251), (315, 1311), (348, 1380), (366, 1401), (394, 1452), (520, 1656), (642, 1869), (649, 1884), (674, 1920), (703, 1962), (739, 1995), (765, 2013), (834, 2133), (835, 2136), (848, 2148), (905, 2223),

(944, 2286), (958, 2304), (960, 2307), (1098, 2469), (1104, 2478), (1110, 2487), (1135, 2526),

Gene: Graduation_13 Start: 7769, Stop: 9457, Start Num: 95
Candidate Starts for Graduation_13:
(Start: 95 @7769 has 435 MA's), (311, 8033), (323, 8057), (411, 8219), (430, 8252), (469, 8327), (510, 8417), (518, 8441), (553, 8516), (620, 8672), (622, 8681), (642, 8729), (644, 8732), (813, 8957), (819, 8966), (832, 8978), (862, 9020), (882, 9041), (908, 9068), (985, 9176), (1070, 9266), (1139, 9371),

Gene: GramZayde_3 Start: 850, Stop: 2331, Start Num: 246
Candidate Starts for GramZayde_3:
(Start: 134 @685 has 16 MA's), (Start: 246 @850 has 12 MA's), (Start: 272 @889 has 48 MA's), (313, 940), (319, 952), (333, 988), (342, 1006), (464, 1189), (521, 1303), (526, 1315), (548, 1363), (559, 1384), (569, 1399), (589, 1456), (787, 1771), (829, 1837), (837, 1849), (862, 1882), (903, 1921), (912, 1933), (923, 1954), (956, 1999), (982, 2029), (1008, 2074), (1038, 2116), (1125, 2239), (1129, 2245), (1144, 2266), (1151, 2278), (1187, 2317), (1190, 2320),

Gene: Gratitude_13 Start: 7926, Stop: 9713, Start Num: 96
Candidate Starts for Gratitude_13:
(23, 7740), (50, 7842), (Start: 96 @7926 has 243 MA's), (179, 8034), (193, 8055), (241, 8145), (250, 8163), (381, 8394), (408, 8445), (411, 8448), (469, 8556), (510, 8646), (518, 8670), (584, 8802), (800, 9189), (901, 9315), (916, 9336), (979, 9420), (985, 9432), (1168, 9669), (1191, 9696), (1193, 9699), (1196, 9702), (1199, 9705),

Gene: Gravaillia_5 Start: 1594, Stop: 3228, Start Num: 61
Candidate Starts for Gravaillia_5:
(Start: 61 @1594 has 21 MA's), (Start: 98 @1633 has 3 MA's), (156, 1681), (Start: 280 @1852 has 2 MA's), (313, 1891), (421, 2071), (427, 2080), (431, 2089), (464, 2152), (468, 2158), (511, 2242), (512, 2245), (513, 2248), (558, 2344), (559, 2347), (564, 2356), (621, 2422), (643, 2452), (658, 2479), (685, 2512), (696, 2533), (698, 2536), (767, 2632), (779, 2653), (829, 2743), (859, 2785), (869, 2803), (872, 2809), (932, 2872), (936, 2878), (939, 2881), (972, 2926), (979, 2932), (999, 2959), (1005, 2974), (1046, 3025), (1053, 3034), (1068, 3049), (1070, 3052), (1102, 3091), (1116, 3106), (1123, 3121), (1126, 3124), (1197, 3202), (1203, 3208),

Gene: Gravel_4 Start: 958, Stop: 2538, Start Num: 182
Candidate Starts for Gravel_4:
(Start: 134 @892 has 16 MA's), (Start: 182 @958 has 15 MA's), (Start: 246 @1054 has 12 MA's), (252, 1063), (255, 1072), (Start: 272 @1093 has 48 MA's), (297, 1117), (313, 1144), (319, 1156), (334, 1195), (342, 1210), (364, 1234), (378, 1255), (505, 1456), (521, 1507), (531, 1525), (548, 1567), (559, 1588), (581, 1648), (593, 1678), (599, 1687), (628, 1750), (787, 1978), (804, 2017), (829, 2044), (838, 2059), (862, 2089), (903, 2128), (956, 2206), (982, 2236), (1002, 2263), (1125, 2446), (1129, 2452), (1144, 2473), (1190, 2527),

Gene: Gravy_13 Start: 7213, Stop: 8958, Start Num: 187
Candidate Starts for Gravy_13:
(Start: 187 @7213 has 203 MA's), (195, 7219), (252, 7306), (254, 7312), (274, 7348), (302, 7402), (444, 7687), (451, 7705), (454, 7708), (492, 7777), (530, 7879), (545, 7915), (555, 7936), (570, 7960), (588, 8017), (604, 8065), (630, 8131), (644, 8164), (647, 8170), (665, 8200), (680, 8221), (726, 8293), (868, 8488), (916, 8554), (929, 8575), (931, 8578), (968, 8638), (1045, 8749), (1060, 8785), (1071, 8806), (1080, 8818), (1114, 8866), (1136, 8908), (1139, 8911),

Gene: Graynor_5 Start: 3279, Stop: 4661, Start Num: 252
Candidate Starts for Graynor_5:

(Start: 129 @3093 has 79 MA's), (252, 3279), (Start: 272 @3309 has 48 MA's), (313, 3360), (319, 3372), (330, 3402), (338, 3417), (425, 3552), (464, 3633), (496, 3681), (521, 3747), (542, 3795), (547, 3804), (615, 3879), (625, 3906), (637, 3936), (787, 4155), (834, 4227), (861, 4263), (939, 4359), (1008, 4425), (1043, 4455), (1046, 4461), (1095, 4527), (1192, 4647),

Gene: Grayscar_3 Start: 1086, Stop: 2546, Start Num: 149
Candidate Starts for Grayscar_3:
(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (642, 1881), (649, 1896), (674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: GrecoEtereo_12 Start: 7307, Stop: 8995, Start Num: 95
Candidate Starts for GrecoEtereo_12:
(Start: 95 @7307 has 435 MA's), (311, 7571), (323, 7595), (411, 7757), (430, 7790), (469, 7865), (510, 7955), (518, 7979), (534, 8006), (553, 8054), (591, 8123), (620, 8210), (644, 8270), (819, 8504), (862, 8558), (882, 8579), (908, 8606), (985, 8714), (1070, 8804), (1139, 8909),

Gene: GreedyLawyer_15 Start: 7533, Stop: 9287, Start Num: 96
Candidate Starts for GreedyLawyer_15:
(Start: 96 @7533 has 243 MA's), (250, 7764), (283, 7815), (300, 7851), (339, 7926), (411, 8049), (432, 8088), (469, 8157), (479, 8181), (480, 8184), (510, 8247), (518, 8271), (570, 8370), (571, 8373), (583, 8400), (584, 8403), (740, 8688), (806, 8775), (812, 8787), (862, 8850), (901, 8889), (916, 8910), (979, 8994), (985, 9006), (1168, 9243), (1191, 9270), (1193, 9273),

Gene: GreenHearts_5 Start: 3132, Stop: 4697, Start Num: 129
Candidate Starts for GreenHearts_5:
(Start: 129 @3132 has 79 MA's), (Start: 246 @3306 has 12 MA's), (Start: 268 @3342 has 4 MA's), (313, 3396), (317, 3405), (330, 3438), (338, 3453), (342, 3462), (425, 3588), (485, 3702), (494, 3714), (496, 3717), (500, 3723), (521, 3783), (548, 3843), (625, 3942), (637, 3972), (642, 3987), (672, 4035), (768, 4155), (804, 4230), (834, 4263), (861, 4299), (923, 4374), (939, 4395), (982, 4416), (1022, 4485), (1095, 4563), (1122, 4602), (1144, 4632), (1151, 4644), (1192, 4683), (1204, 4692),

Gene: Greenhouse_5 Start: 3101, Stop: 4666, Start Num: 129
Candidate Starts for Greenhouse_5:
(Start: 129 @3101 has 79 MA's), (Start: 246 @3275 has 12 MA's), (Start: 268 @3311 has 4 MA's), (313, 3365), (317, 3374), (330, 3407), (342, 3431), (485, 3671), (496, 3686), (500, 3692), (521, 3752), (548, 3812), (613, 3878), (625, 3911), (637, 3941), (642, 3956), (672, 4004), (768, 4124), (804, 4199), (834, 4232), (923, 4343), (939, 4364), (982, 4385), (1022, 4454), (1095, 4532), (1122, 4571), (1144, 4601), (1151, 4613), (1192, 4652), (1204, 4661),

Gene: Greg_13 Start: 7320, Stop: 9008, Start Num: 107
Candidate Starts for Greg_13:
(Start: 107 @7320 has 24 MA's), (253, 7491), (Start: 258 @7500 has 2 MA's), (311, 7584), (324, 7611), (327, 7620), (411, 7770), (430, 7803), (469, 7878), (510, 7968), (518, 7992), (534, 8019), (553, 8067), (620, 8223), (644, 8283), (819, 8517), (862, 8571), (882, 8592), (908, 8619), (985, 8727), (1070, 8817), (1139, 8922),

Gene: Gretchen_2 Start: 640, Stop: 2388, Start Num: 93
Candidate Starts for Gretchen_2:
(Start: 93 @640 has 92 MA's), (Start: 119 @658 has 16 MA's), (373, 1000), (400, 1051), (411, 1069), (453, 1162), (482, 1219), (687, 1642), (800, 1804), (803, 1810), (929, 1984), (985, 2059), (997, 2074), (1053, 2155), (1133, 2278), (1142, 2299), (1150, 2311),

Gene: Grif_13 Start: 7040, Stop: 8740, Start Num: 102
Candidate Starts for Grif_13:
(Start: 102 @7040 has 88 MA's), (137, 7088), (253, 7223), (362, 7415), (411, 7502), (510, 7700), (550, 7790), (583, 7853), (644, 8015), (800, 8213), (812, 8237), (813, 8240), (862, 8303), (882, 8324), (916, 8363), (985, 8459), (1014, 8513), (1070, 8549), (1168, 8696), (1193, 8726), (1196, 8729),

Gene: Grimmer_3 Start: 1235, Stop: 2872, Start Num: 111
Candidate Starts for Grimmer_3:
(Start: 103 @1232 has 1 MA's), (Start: 111 @1235 has 202 MA's), (Start: 129 @1259 has 79 MA's), (133, 1265), (147, 1280), (Start: 158 @1292 has 2 MA's), (Start: 185 @1316 has 2 MA's), (188, 1319), (224, 1382), (230, 1400), (244, 1421), (312, 1508), (315, 1514), (352, 1568), (369, 1580), (377, 1592), (381, 1601), (383, 1604), (392, 1625), (404, 1646), (440, 1718), (461, 1757), (502, 1826), (505, 1832), (514, 1862), (515, 1865), (518, 1874), (523, 1889), (534, 1907), (557, 1958), (604, 2060), (711, 2231), (726, 2243), (800, 2327), (816, 2357), (818, 2360), (820, 2363), (869, 2420), (884, 2435), (889, 2441), (893, 2444), (901, 2459), (908, 2468), (957, 2537), (982, 2567), (1014, 2627), (1024, 2642), (1069, 2669), (1094, 2702), (1107, 2723), (1112, 2729), (1114, 2732), (1127, 2753), (1139, 2777), (1142, 2786), (1145, 2789), (1184, 2846),

Gene: Grist_3 Start: 768, Stop: 2396, Start Num: 171
Candidate Starts for Grist_3:
(Start: 171 @768 has 84 MA's), (278, 924), (342, 1032), (378, 1077), (398, 1116), (425, 1158), (464, 1215), (498, 1266), (500, 1269), (521, 1329), (531, 1347), (542, 1377), (558, 1407), (838, 1878), (923, 1980), (1095, 2229), (1129, 2277), (1147, 2301), (1187, 2346),

Gene: GrootJr_26 Start: 12510, Stop: 14237, Start Num: 110
Candidate Starts for GrootJr_26:
(22, 12276), (49, 12405), (Start: 110 @12510 has 12 MA's), (222, 12660), (247, 12711), (251, 12717), (281, 12756), (299, 12786), (315, 12810), (324, 12828), (332, 12855), (359, 12918), (369, 12936), (514, 13221), (523, 13248), (565, 13332), (604, 13416), (608, 13428), (621, 13461), (675, 13539), (741, 13617), (800, 13689), (818, 13722), (855, 13785), (869, 13812), (893, 13836), (908, 13860), (988, 13959), (1013, 14007), (1139, 14145), (1157, 14175), (1200, 14229),

Gene: GroundGoblin_12 Start: 7559, Stop: 9247, Start Num: 95
Candidate Starts for GroundGoblin_12:
(Start: 95 @7559 has 435 MA's), (Start: 258 @7739 has 2 MA's), (311, 7823), (327, 7859), (339, 7886), (411, 8009), (430, 8042), (469, 8117), (510, 8207), (518, 8231), (534, 8258), (553, 8306), (591, 8375), (615, 8450), (620, 8462), (622, 8471), (644, 8522), (813, 8747), (819, 8756), (832, 8768), (862, 8810), (882, 8831), (908, 8858), (985, 8966), (1070, 9056), (1139, 9161),

Gene: Groundhog_8 Start: 5670, Stop: 7424, Start Num: 63
Candidate Starts for Groundhog_8:
(Start: 63 @5670 has 32 MA's), (Start: 86 @5712 has 10 MA's), (Start: 125 @5751 has 1 MA's), (200, 5859), (339, 6066), (449, 6267), (510, 6375), (570, 6504), (632, 6669), (647, 6702), (743, 6822), (800, 6897), (882, 7008), (901, 7026), (916, 7047), (954, 7101), (985, 7143), (1081, 7248), (1142, 7347), (1168, 7380), (1196, 7413), (1202, 7419),

Gene: Groupthink_14 Start: 7029, Stop: 8729, Start Num: 102
Candidate Starts for Groupthink_14:
(Start: 102 @7029 has 88 MA's), (137, 7077), (Start: 191 @7149 has 2 MA's), (253, 7212), (411, 7491), (510, 7689), (550, 7779), (583, 7842), (644, 8004), (800, 8202), (812, 8226), (813, 8229), (862, 8292), (869, 8304), (882, 8313), (901, 8331), (916, 8352), (985, 8448), (1014, 8502), (1070, 8538), (1168, 8685), (1193, 8715), (1196, 8718),

Gene: Grub_13 Start: 6949, Stop: 8649, Start Num: 102
Candidate Starts for Grub_13:
(Start: 102 @6949 has 88 MA's), (137, 6997), (253, 7132), (362, 7324), (411, 7411), (510, 7609), (550, 7699), (583, 7762), (644, 7924), (800, 8122), (812, 8146), (813, 8149), (862, 8212), (882, 8233), (916, 8272), (985, 8368), (1014, 8422), (1070, 8458), (1168, 8605), (1193, 8635), (1196, 8638),

Gene: Grum1_13 Start: 6950, Stop: 8650, Start Num: 102
Candidate Starts for Grum1_13:
(Start: 102 @6950 has 88 MA's), (137, 6998), (253, 7133), (362, 7325), (411, 7412), (510, 7610), (550, 7700), (583, 7763), (644, 7925), (800, 8123), (812, 8147), (813, 8150), (862, 8213), (882, 8234), (916, 8273), (985, 8369), (1014, 8423), (1070, 8459), (1168, 8606), (1193, 8636), (1196, 8639),

Gene: Gruunaga_15 Start: 7507, Stop: 9261, Start Num: 96
Candidate Starts for Gruunaga_15:
(Start: 96 @7507 has 243 MA's), (200, 7639), (250, 7738), (262, 7762), (283, 7789), (300, 7825), (339, 7900), (411, 8023), (420, 8038), (432, 8062), (469, 8131), (479, 8155), (480, 8158), (510, 8221), (518, 8245), (583, 8374), (584, 8377), (623, 8488), (732, 8650), (800, 8737), (806, 8749), (812, 8761), (852, 8809), (862, 8824), (916, 8884), (979, 8968), (985, 8980), (1168, 9217), (1191, 9244), (1193, 9247),

Gene: Gsput1_5 Start: 1941, Stop: 3626, Start Num: 99
Candidate Starts for Gsput1_5:
(Start: 99 @1941 has 9 MA's), (121, 1968), (Start: 171 @2022 has 84 MA's), (Start: 246 @2133 has 12 MA's), (313, 2223), (316, 2229), (319, 2235), (333, 2271), (338, 2280), (378, 2334), (407, 2385), (464, 2493), (496, 2541), (500, 2547), (534, 2631), (535, 2634), (536, 2637), (548, 2667), (615, 2739), (628, 2772), (657, 2838), (681, 2874), (803, 3069), (891, 3171), (1014, 3360), (1025, 3378), (1046, 3393), (1075, 3435), (1095, 3459), (1140, 3528), (1206, 3618),

Gene: GtownJaz_13 Start: 6958, Stop: 8658, Start Num: 102
Candidate Starts for GtownJaz_13:
(Start: 102 @6958 has 88 MA's), (137, 7006), (253, 7141), (362, 7333), (411, 7420), (510, 7618), (550, 7708), (583, 7771), (644, 7933), (800, 8131), (812, 8155), (813, 8158), (862, 8221), (882, 8242), (916, 8281), (985, 8377), (1014, 8431), (1070, 8467), (1168, 8614), (1193, 8644), (1196, 8647),

Gene: Gudmit_3 Start: 983, Stop: 2704, Start Num: 221
Candidate Starts for Gudmit_3:
(Start: 221 @983 has 1 MA's), (Start: 271 @1076 has 3 MA's), (284, 1094), (301, 1133), (314, 1151), (318, 1160), (323, 1169), (327, 1181), (336, 1202), (364, 1238), (366, 1241), (377, 1259), (383, 1271), (393, 1295), (397, 1301), (401, 1307), (411, 1325), (414, 1331), (427, 1358), (456, 1415), (467, 1436), (476, 1454), (528, 1565), (571, 1652), (596, 1700), (616, 1763), (620, 1772), (626, 1784), (627, 1787), (638, 1802), (641, 1811), (642, 1814), (649, 1829), (691, 1886), (720, 1943), (760, 2012), (780, 2042), (794, 2069), (826, 2126), (842, 2162), (862, 2192), (895, 2231), (922, 2273), (952, 2321), (959, 2330), (980, 2372), (987, 2384), (999, 2402), (1003, 2411), (1011, 2432), (1032, 2468), (1066, 2519), (1073, 2528), (1076, 2531), (1086, 2546), (1088, 2549), (1114, 2570), (1141, 2621), (1145, 2627), (1202, 2693), (1207, 2699),

Gene: Guinevere_6 Start: 1957, Stop: 3657, Start Num: 163
Candidate Starts for Guinevere_6:
(124, 1900), (Start: 146 @1936 has 40 MA's), (Start: 163 @1957 has 23 MA's), (233, 2080), (Start: 246 @2101 has 12 MA's), (278, 2149), (315, 2194), (316, 2197), (333, 2239), (342, 2257), (345, 2260), (347, 2263), (426, 2386), (464, 2440), (521, 2554), (548, 2614), (559, 2635), (582, 2701), (642, 2866), (692, 2932), (699, 2947), (796, 3118), (822, 3157), (834, 3166), (838, 3175), (869, 3217), (907, 3250), (932, 3289), (983, 3331), (1008, 3373), (1054, 3421), (1072, 3448), (1075, 3451), (1078, 3457), (1095,

3478), (1125, 3520), (1215, 3646),

Gene: Gumpizza_2 Start: 594, Stop: 2282, Start Num: 119
Candidate Starts for Gumpizza_2:
(Start: 119 @594 has 16 MA's), (295, 795), (373, 939), (411, 1008), (456, 1095), (482, 1149), (509, 1188), (570, 1323), (608, 1425), (773, 1647), (800, 1698), (959, 1917), (985, 1953), (997, 1968), (1142, 2193), (1150, 2205), (1165, 2220), (1204, 2271),

Gene: Guntur_4 Start: 800, Stop: 2290, Start Num: 146
Candidate Starts for Guntur_4:
(Start: 146 @800 has 40 MA's), (181, 845), (255, 947), (267, 965), (274, 974), (313, 1025), (315, 1028), (319, 1037), (330, 1067), (345, 1094), (415, 1193), (474, 1292), (486, 1316), (488, 1319), (491, 1322), (513, 1367), (650, 1601), (692, 1649), (694, 1661), (728, 1700), (748, 1718), (768, 1730), (770, 1733), (781, 1754), (785, 1760), (789, 1772), (838, 1850), (874, 1904), (930, 1958), (940, 1970), (970, 2015), (1005, 2063), (1081, 2147), (1125, 2204), (1175, 2273),

Gene: Guppsters_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Guppsters_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1014, 1979), (1024, 1994), (1069, 2021), (1094, 2054), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Gusanita_4 Start: 1860, Stop: 3557, Start Num: 163
Candidate Starts for Gusanita_4:
(121, 1800), (Start: 163 @1860 has 23 MA's), (233, 1980), (Start: 246 @2001 has 12 MA's), (254, 2016), (278, 2049), (315, 2094), (316, 2097), (333, 2139), (342, 2157), (345, 2160), (426, 2286), (464, 2340), (521, 2454), (559, 2535), (642, 2766), (692, 2832), (699, 2847), (789, 2994), (796, 3018), (801, 3027), (822, 3057), (838, 3075), (869, 3117), (932, 3189), (983, 3231), (1072, 3348), (1075, 3351), (1078, 3357), (1125, 3420), (1156, 3465), (1181, 3498), (1215, 3546),

Gene: Gusicorn_17 Start: 10301, Stop: 12046, Start Num: 187
Candidate Starts for Gusicorn_17:
(Start: 187 @10301 has 203 MA's), (195, 10307), (252, 10394), (254, 10400), (274, 10436), (302, 10490), (395, 10667), (420, 10712), (444, 10775), (454, 10796), (492, 10865), (530, 10967), (555, 11024), (578, 11081), (582, 11093), (604, 11153), (644, 11252), (647, 11258), (682, 11315), (726, 11381), (868, 11576), (899, 11618), (916, 11642), (929, 11663), (931, 11666), (1071, 11894), (1080, 11906), (1136, 11996), (1139, 11999),

Gene: Gustav_2 Start: 554, Stop: 2107, Start Num: 162
Candidate Starts for Gustav_2:
(Start: 162 @554 has 7 MA's), (180, 581), (233, 659), (254, 695), (329, 809), (342, 836), (420, 956), (427, 971), (464, 1022), (496, 1070), (520, 1133), (547, 1193), (567, 1229), (630, 1310), (637, 1325), (650, 1358), (665, 1370), (709, 1427), (780, 1514), (788, 1526), (806, 1568), (837, 1604), (838, 1607), (857, 1625), (927, 1736), (982, 1805), (983, 1808), (990, 1814), (1014, 1862), (1055, 1919), (1072, 1943), (1201, 2099),

Gene: GuuelaD_4 Start: 1069, Stop: 2643, Start Num: 93

Candidate Starts for GuuelaD_4:
(Start: 93 @1069 has 92 MA's), (Start: 99 @1075 has 9 MA's), (Start: 113 @1093 has 1 MA's), (228, 1231), (313, 1351), (419, 1528), (422, 1534), (494, 1672), (498, 1678), (509, 1699), (558, 1798), (591, 1846), (632, 1900), (643, 1924), (671, 1969), (676, 1975), (694, 2005), (699, 2011), (722, 2038), (729, 2047), (776, 2104), (789, 2131), (790, 2137), (804, 2170), (845, 2215), (867, 2251), (912, 2296), (962, 2362), (1008, 2437), (1018, 2455), (1024, 2464), (1158, 2611), (1181, 2635), (1183, 2638),

Gene: Gwendoluna_13 Start: 8188, Stop: 9876, Start Num: 95
Candidate Starts for Gwendoluna_13:
(Start: 95 @8188 has 435 MA's), (311, 8452), (323, 8476), (411, 8638), (430, 8671), (510, 8836), (518, 8860), (534, 8887), (553, 8935), (620, 9091), (644, 9151), (819, 9385), (832, 9397), (862, 9439), (882, 9460), (908, 9487), (985, 9595), (1070, 9685), (1139, 9790),

Gene: Gwennie_13 Start: 6957, Stop: 8657, Start Num: 102
Candidate Starts for Gwennie_13:
(Start: 102 @6957 has 88 MA's), (137, 7005), (253, 7140), (362, 7332), (411, 7419), (510, 7617), (550, 7707), (583, 7770), (644, 7932), (800, 8130), (812, 8154), (813, 8157), (862, 8220), (882, 8241), (916, 8280), (985, 8376), (1014, 8430), (1070, 8466), (1168, 8613), (1193, 8643), (1196, 8646),

Gene: Gyzlar_13 Start: 7950, Stop: 9638, Start Num: 107
Candidate Starts for Gyzlar_13:
(Start: 107 @7950 has 24 MA's), (Start: 258 @8130 has 2 MA's), (311, 8214), (324, 8241), (327, 8250), (411, 8400), (430, 8433), (469, 8508), (510, 8598), (518, 8622), (534, 8649), (553, 8697), (620, 8853), (644, 8913), (819, 9147), (832, 9159), (862, 9201), (882, 9222), (908, 9249), (985, 9357), (1070, 9447), (1139, 9552),

Gene: HC_02 Start: 521, Stop: 2080, Start Num: 128
Candidate Starts for HC_02:
(Start: 128 @521 has 6 MA's), (200, 611), (253, 698), (294, 755), (326, 818), (403, 935), (409, 944), (440, 1016), (459, 1052), (510, 1160), (514, 1172), (515, 1175), (532, 1214), (538, 1232), (608, 1379), (634, 1421), (688, 1505), (697, 1526), (771, 1589), (815, 1667), (817, 1670), (828, 1682), (923, 1817), (926, 1820), (982, 1883), (983, 1886), (1004, 1919), (1079, 2000), (1103, 2033),

Gene: HH92_5 Start: 1855, Stop: 3489, Start Num: 61
Candidate Starts for HH92_5:
(Start: 61 @1855 has 21 MA's), (Start: 98 @1894 has 3 MA's), (156, 1942), (Start: 280 @2113 has 2 MA's), (313, 2152), (421, 2332), (427, 2341), (431, 2350), (464, 2413), (468, 2419), (511, 2503), (512, 2506), (513, 2509), (558, 2605), (559, 2608), (564, 2617), (621, 2683), (643, 2713), (658, 2740), (685, 2773), (696, 2794), (698, 2797), (767, 2893), (779, 2914), (829, 3004), (859, 3046), (869, 3064), (872, 3070), (932, 3133), (936, 3139), (939, 3142), (972, 3187), (979, 3193), (999, 3220), (1005, 3235), (1046, 3286), (1053, 3295), (1068, 3310), (1070, 3313), (1102, 3352), (1116, 3367), (1123, 3382), (1126, 3385), (1197, 3463), (1203, 3469),

Gene: HINdeR_11 Start: 8169, Stop: 9863, Start Num: 95
Candidate Starts for HINdeR_11:
(Start: 95 @8169 has 435 MA's), (145, 8229), (283, 8388), (311, 8436), (339, 8499), (362, 8535), (381, 8568), (403, 8610), (408, 8619), (411, 8622), (420, 8637), (432, 8661), (469, 8730), (510, 8820), (513, 8829), (584, 8976), (620, 9075), (642, 9132), (661, 9162), (685, 9195), (732, 9249), (740, 9261), (752, 9270), (798, 9333), (800, 9336), (812, 9360), (867, 9435), (869, 9438), (916, 9486), (985, 9582), (1145, 9789), (1168, 9819), (1193, 9849),

Gene: Hades_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Hades_2:

(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Hadrien_5 Start: 1894, Stop: 3489, Start Num: 98
Candidate Starts for Hadrien_5:
(Start: 61 @1855 has 21 MA's), (Start: 98 @1894 has 3 MA's), (156, 1942), (Start: 280 @2113 has 2 MA's), (313, 2152), (421, 2332), (427, 2341), (431, 2350), (464, 2413), (468, 2419), (511, 2503), (512, 2506), (513, 2509), (558, 2605), (559, 2608), (564, 2617), (621, 2683), (643, 2713), (658, 2740), (685, 2773), (696, 2794), (698, 2797), (767, 2893), (779, 2914), (829, 3004), (859, 3046), (869, 3064), (872, 3070), (932, 3133), (936, 3139), (939, 3142), (972, 3187), (979, 3193), (999, 3220), (1005, 3235), (1046, 3286), (1053, 3295), (1068, 3310), (1070, 3313), (1102, 3352), (1116, 3367), (1123, 3382), (1126, 3385), (1197, 3463), (1203, 3469),

Gene: Hafay_4 Start: 1069, Stop: 2637, Start Num: 93
Candidate Starts for Hafay_4:
(Start: 93 @1069 has 92 MA's), (Start: 99 @1075 has 9 MA's), (228, 1231), (419, 1528), (422, 1534), (450, 1594), (494, 1666), (498, 1672), (558, 1792), (591, 1840), (632, 1894), (643, 1918), (671, 1963), (676, 1969), (694, 1999), (699, 2005), (722, 2032), (729, 2041), (776, 2098), (779, 2104), (789, 2125), (790, 2131), (838, 2206), (845, 2209), (867, 2245), (912, 2290), (962, 2356), (1008, 2431), (1018, 2449), (1024, 2458), (1158, 2605), (1181, 2629), (1183, 2632),

Gene: Hail_5 Start: 1855, Stop: 3489, Start Num: 61
Candidate Starts for Hail_5:
(Start: 61 @1855 has 21 MA's), (Start: 98 @1894 has 3 MA's), (156, 1942), (Start: 280 @2113 has 2 MA's), (313, 2152), (421, 2332), (427, 2341), (431, 2350), (464, 2413), (468, 2419), (511, 2503), (512, 2506), (513, 2509), (558, 2605), (559, 2608), (564, 2617), (621, 2683), (643, 2713), (658, 2740), (685, 2773), (696, 2794), (698, 2797), (767, 2893), (779, 2914), (829, 3004), (859, 3046), (869, 3064), (872, 3070), (932, 3133), (936, 3139), (939, 3142), (972, 3187), (979, 3193), (999, 3220), (1005, 3235), (1046, 3286), (1053, 3295), (1068, 3310), (1070, 3313), (1102, 3352), (1116, 3367), (1123, 3382), (1126, 3385), (1197, 3463), (1203, 3469),

Gene: Haizum_6 Start: 2173, Stop: 3822, Start Num: 73
Candidate Starts for Haizum_6:
(Start: 73 @2173 has 95 MA's), (Start: 182 @2290 has 15 MA's), (262, 2371), (283, 2398), (311, 2446), (326, 2479), (334, 2500), (386, 2587), (400, 2614), (413, 2635), (437, 2680), (458, 2722), (497, 2794), (510, 2818), (556, 2917), (574, 2953), (584, 2971), (647, 3091), (648, 3094), (673, 3130), (743, 3211), (811, 3301), (817, 3313), (852, 3364), (901, 3418), (985, 3538), (1001, 3559), (1008, 3580), (1010, 3583), (1081, 3643), (1142, 3739), (1145, 3742), (1204, 3817),

Gene: Hajile_8 Start: 2809, Stop: 4542, Start Num: 187
Candidate Starts for Hajile_8:
(Start: 187 @2809 has 203 MA's), (195, 2815), (229, 2863), (254, 2908), (327, 3046), (380, 3130), (399, 3169), (420, 3208), (430, 3229), (444, 3271), (454, 3292), (522, 3445), (530, 3463), (584, 3595), (644, 3748), (726, 3877), (771, 3946), (778, 3958), (868, 4072), (876, 4090), (929, 4159), (931, 4162), (962, 4213), (992, 4255), (1059, 4366), (1071, 4390), (1080, 4402), (1136, 4492), (1139, 4495),

Gene: Halena_4 Start: 1052, Stop: 2635, Start Num: 93
Candidate Starts for Halena_4:
(Start: 93 @1052 has 92 MA's), (Start: 99 @1058 has 9 MA's), (238, 1229), (304, 1316), (313, 1334), (316, 1340), (330, 1376), (420, 1514), (422, 1517), (464, 1592), (496, 1649), (498, 1652), (591, 1820), (632, 1874), (637, 1883), (643, 1898), (653, 1919), (685, 1958), (694, 1979), (699, 1985), (722, 2012), (759, 2054), (776, 2078), (786, 2096), (789, 2105), (790, 2111), (804, 2144), (834, 2177), (862, 2216), (865, 2222), (867, 2225), (912, 2270), (962, 2336), (999, 2387), (1008, 2411), (1016, 2426), (1018, 2429), (1125, 2531), (1140, 2558), (1181, 2609), (1183, 2612),

Gene: Halloweekend_4 Start: 1574, Stop: 3295, Start Num: 146
Candidate Starts for Halloweekend_4:
(124, 1538), (Start: 146 @1574 has 40 MA's), (Start: 163 @1595 has 23 MA's), (233, 1718), (Start: 246 @1739 has 12 MA's), (278, 1787), (315, 1832), (316, 1835), (333, 1877), (342, 1895), (345, 1898), (347, 1901), (426, 2024), (464, 2078), (500, 2132), (521, 2192), (548, 2252), (559, 2273), (642, 2504), (692, 2570), (699, 2585), (796, 2756), (822, 2795), (834, 2804), (838, 2813), (869, 2855), (907, 2888), (932, 2927), (983, 2969), (1054, 3059), (1072, 3086), (1075, 3089), (1078, 3095), (1095, 3116), (1125, 3158), (1181, 3236), (1215, 3284),

Gene: Halsey_2 Start: 594, Stop: 2282, Start Num: 119
Candidate Starts for Halsey_2:
(Start: 119 @594 has 16 MA's), (373, 939), (386, 963), (411, 1008), (456, 1095), (482, 1149), (509, 1188), (570, 1323), (608, 1425), (773, 1647), (800, 1698), (959, 1917), (985, 1953), (997, 1968), (1142, 2193), (1150, 2205), (1165, 2220), (1204, 2271),

Gene: HamCheese_2 Start: 349, Stop: 1992, Start Num: 134
Candidate Starts for HamCheese_2:
(Start: 134 @349 has 16 MA's), (Start: 149 @370 has 162 MA's), (313, 601), (315, 604), (319, 613), (333, 649), (338, 658), (342, 667), (394, 745), (464, 850), (521, 964), (534, 988), (548, 1024), (559, 1045), (569, 1060), (589, 1120), (628, 1204), (780, 1420), (787, 1432), (798, 1459), (829, 1498), (834, 1504), (862, 1543), (889, 1570), (903, 1582), (923, 1615), (932, 1627), (956, 1660), (1072, 1831), (1125, 1900), (1129, 1906), (1144, 1927), (1159, 1948), (1187, 1978), (1190, 1981), (1192, 1984),

Gene: HamSlice_10 Start: 6885, Stop: 8582, Start Num: 95
Candidate Starts for HamSlice_10:
(Start: 95 @6885 has 435 MA's), (Start: 122 @6909 has 1 MA's), (Start: 207 @7032 has 2 MA's), (293, 7122), (311, 7155), (362, 7254), (408, 7338), (411, 7341), (432, 7380), (469, 7449), (479, 7473), (510, 7539), (550, 7629), (620, 7794), (661, 7881), (685, 7914), (740, 7980), (798, 8052), (800, 8055), (812, 8079), (852, 8130), (862, 8145), (901, 8184), (916, 8205), (985, 8301), (1168, 8538), (1193, 8568), (1196, 8571),

Gene: Hami1_13 Start: 7391, Stop: 9079, Start Num: 95
Candidate Starts for Hami1_13:
(Start: 95 @7391 has 435 MA's), (Start: 258 @7571 has 2 MA's), (311, 7655), (327, 7691), (411, 7841), (469, 7949), (510, 8039), (518, 8063), (553, 8138), (591, 8207), (620, 8294), (644, 8354), (813, 8579), (819, 8588), (832, 8600), (862, 8642), (882, 8663), (908, 8690), (985, 8798), (1070, 8888), (1139, 8993),

Gene: Hammer_15 Start: 7507, Stop: 9261, Start Num: 96
Candidate Starts for Hammer_15:
(Start: 96 @7507 has 243 MA's), (200, 7639), (250, 7738), (262, 7762), (283, 7789), (300, 7825), (339, 7900), (411, 8023), (420, 8038), (432, 8062), (469, 8131), (479, 8155), (480, 8158), (510, 8221), (518, 8245), (583, 8374), (584, 8377), (623, 8488), (732, 8650), (800, 8737), (806, 8749), (812, 8761), (852, 8809), (862, 8824), (901, 8863), (916, 8884), (979, 8968), (985, 8980), (1168, 9217), (1191, 9244),

(1193, 9247),

Gene: Hamulus_2 Start: 588, Stop: 2225, Start Num: 111
Candidate Starts for Hamulus_2:
(Start: 111 @588 has 202 MA's), (Start: 125 @603 has 1 MA's), (Start: 129 @612 has 79 MA's), (133, 618), (Start: 158 @645 has 2 MA's), (Start: 185 @669 has 2 MA's), (188, 672), (224, 735), (230, 753), (244, 774), (312, 861), (315, 867), (352, 921), (369, 933), (377, 945), (381, 954), (383, 957), (392, 978), (404, 999), (415, 1014), (440, 1071), (461, 1110), (502, 1179), (505, 1185), (514, 1215), (515, 1218), (518, 1227), (523, 1242), (534, 1260), (557, 1311), (604, 1413), (711, 1584), (726, 1596), (748, 1614), (800, 1680), (816, 1710), (818, 1713), (820, 1716), (869, 1773), (884, 1788), (889, 1794), (893, 1797), (901, 1812), (908, 1821), (957, 1890), (982, 1920), (988, 1929), (1006, 1962), (1024, 1995), (1069, 2022), (1094, 2055), (1112, 2082), (1114, 2085), (1127, 2106), (1139, 2130), (1142, 2139), (1145, 2142), (1184, 2199),

Gene: HanKaySha_9 Start: 2465, Stop: 4135, Start Num: 272
Candidate Starts for HanKaySha_9:
(Start: 272 @2465 has 48 MA's), (309, 2528), (435, 2762), (487, 2864), (570, 3044), (576, 3068), (585, 3086), (595, 3098), (616, 3161), (621, 3173), (642, 3218), (649, 3233), (700, 3311), (728, 3356), (759, 3410), (760, 3416), (814, 3530), (910, 3674), (933, 3710), (1014, 3863), (1022, 3875), (1065, 3932), (1091, 3968), (1124, 4019), (1142, 4055), (1145, 4058), (1193, 4124),

Gene: HanShotFirst_11 Start: 6611, Stop: 8299, Start Num: 95
Candidate Starts for HanShotFirst_11:
(Start: 95 @6611 has 435 MA's), (Start: 258 @6791 has 2 MA's), (311, 6875), (327, 6911), (339, 6938), (411, 7061), (430, 7094), (469, 7169), (510, 7259), (518, 7283), (534, 7310), (553, 7358), (591, 7427), (620, 7514), (644, 7574), (819, 7808), (832, 7820), (862, 7862), (882, 7883), (908, 7910), (985, 8018), (1070, 8108), (1139, 8213),

Gene: Hank144_7 Start: 2471, Stop: 4117, Start Num: 73
Candidate Starts for Hank144_7:
(Start: 73 @2471 has 95 MA's), (Start: 207 @2621 has 2 MA's), (311, 2741), (323, 2765), (326, 2774), (365, 2846), (400, 2909), (413, 2930), (437, 2975), (458, 3017), (497, 3089), (510, 3113), (556, 3212), (584, 3266), (673, 3425), (800, 3575), (811, 3596), (869, 3686), (890, 3704), (959, 3794), (985, 3833), (1001, 3854), (1003, 3860), (1010, 3878), (1142, 4034), (1204, 4112),

Gene: Hankly_7 Start: 3871, Stop: 5625, Start Num: 187
Candidate Starts for Hankly_7:
(151, 3817), (Start: 183 @3865 has 2 MA's), (Start: 187 @3871 has 203 MA's), (252, 3964), (254, 3970), (395, 4237), (413, 4267), (427, 4297), (444, 4345), (451, 4363), (454, 4366), (476, 4408), (530, 4537), (604, 4723), (644, 4822), (685, 4894), (726, 4951), (771, 5029), (778, 5041), (866, 5152), (868, 5155), (876, 5173), (914, 5218), (929, 5242), (931, 5245), (954, 5284), (1051, 5425), (1069, 5470), (1071, 5473), (1080, 5485), (1114, 5533), (1133, 5566), (1136, 5575), (1139, 5578),

Gene: HannahPhantana_4 Start: 1013, Stop: 2494, Start Num: 246
Candidate Starts for HannahPhantana_4:
(Start: 134 @848 has 16 MA's), (Start: 246 @1013 has 12 MA's), (Start: 272 @1052 has 48 MA's), (313, 1103), (319, 1115), (333, 1151), (342, 1169), (464, 1352), (521, 1466), (526, 1478), (548, 1526), (559, 1547), (569, 1562), (589, 1619), (787, 1934), (829, 2000), (862, 2045), (903, 2084), (912, 2096), (956, 2162), (982, 2192), (1008, 2237), (1038, 2279), (1125, 2402), (1129, 2408), (1144, 2429), (1151, 2441), (1187, 2480), (1190, 2483),

Gene: Hanray_12 Start: 8166, Stop: 9932, Start Num: 120
Candidate Starts for Hanray_12:

(Start: 96 @8145 has 243 MA's), (Start: 114 @8160 has 11 MA's), (Start: 120 @8166 has 11 MA's), (200, 8277), (250, 8376), (339, 8538), (381, 8610), (411, 8664), (432, 8703), (469, 8775), (510, 8865), (518, 8889), (580, 9006), (584, 9021), (622, 9129), (659, 9204), (685, 9240), (717, 9300), (806, 9420), (817, 9441), (852, 9480), (901, 9534), (904, 9537), (916, 9555), (954, 9609), (979, 9639), (985, 9651), (1070, 9741), (1083, 9759), (1168, 9888), (1191, 9915), (1193, 9918),

Gene: Happiness_11 Start: 6889, Stop: 8586, Start Num: 95
Candidate Starts for Happiness_11:
(Start: 95 @6889 has 435 MA's), (Start: 122 @6913 has 1 MA's), (Start: 207 @7036 has 2 MA's), (293, 7126), (311, 7159), (362, 7258), (408, 7342), (411, 7345), (432, 7384), (469, 7453), (479, 7477), (510, 7543), (550, 7633), (620, 7798), (661, 7885), (685, 7918), (740, 7984), (798, 8056), (800, 8059), (812, 8083), (852, 8134), (862, 8149), (901, 8188), (916, 8209), (985, 8305), (1168, 8542), (1193, 8572), (1196, 8575),

Gene: Harlequin_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Harlequin_8:
(Start: 104 @3156 has 36 MA's), (Start: 258 @3342 has 2 MA's), (300, 3414), (311, 3426), (323, 3450), (327, 3462), (420, 3630), (449, 3690), (510, 3798), (618, 4053), (647, 4125), (778, 4269), (800, 4311), (817, 4344), (869, 4413), (985, 4557), (1010, 4602), (1081, 4662), (1168, 4794), (1191, 4821), (1193, 4824), (1196, 4827),

Gene: Harley_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for Harley_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (Start: 158 @629 has 2 MA's), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (312, 845), (352, 905), (369, 917), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (601, 1388), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1014, 1964), (1024, 1979), (1069, 2006), (1094, 2039), (1107, 2060), (1112, 2066), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: HarperAnne_3 Start: 1062, Stop: 2522, Start Num: 149
Candidate Starts for HarperAnne_3:
(Start: 149 @1062 has 162 MA's), (Start: 154 @1068 has 4 MA's), (Start: 272 @1230 has 48 MA's), (278, 1239), (315, 1299), (348, 1368), (366, 1389), (394, 1440), (520, 1644), (592, 1779), (642, 1857), (649, 1872), (661, 1890), (674, 1908), (703, 1950), (739, 1983), (765, 2001), (834, 2121), (835, 2124), (848, 2136), (857, 2148), (862, 2160), (905, 2211), (941, 2268), (944, 2274), (949, 2283), (958, 2292), (960, 2295), (1098, 2457), (1104, 2466), (1110, 2475), (1135, 2514),

Gene: HarryHoudini_14 Start: 7940, Stop: 9727, Start Num: 96
Candidate Starts for HarryHoudini_14:
(23, 7754), (50, 7856), (Start: 96 @7940 has 243 MA's), (179, 8048), (193, 8069), (250, 8177), (411, 8462), (469, 8570), (510, 8660), (518, 8684), (580, 8801), (584, 8816), (800, 9203), (901, 9329), (916, 9350), (979, 9434), (985, 9446), (1168, 9683), (1191, 9710), (1193, 9713), (1196, 9716), (1199, 9719),

Gene: HarryOW_12 Start: 7307, Stop: 8995, Start Num: 95
Candidate Starts for HarryOW_12:
(Start: 95 @7307 has 435 MA's), (311, 7571), (323, 7595), (411, 7757), (430, 7790), (469, 7865), (510, 7955), (518, 7979), (534, 8006), (553, 8054), (615, 8198), (620, 8210), (644, 8270), (819, 8504), (832, 8516), (862, 8558), (882, 8579), (908, 8606), (985, 8714), (1070, 8804), (1139, 8909),

Gene: HashRod_14 Start: 7041, Stop: 8741, Start Num: 102

Candidate Starts for HashRod_14:
(Start: 102 @7041 has 88 MA's), (137, 7089), (253, 7224), (362, 7416), (411, 7503), (510, 7701), (550, 7791), (583, 7854), (644, 8016), (800, 8214), (812, 8238), (813, 8241), (862, 8304), (882, 8325), (916, 8364), (985, 8460), (1014, 8514), (1070, 8550), (1168, 8697), (1193, 8727), (1196, 8730),

Gene: HaveUMetTed_14 Start: 7029, Stop: 8729, Start Num: 102
Candidate Starts for HaveUMetTed_14:
(Start: 102 @7029 has 88 MA's), (137, 7077), (Start: 191 @7149 has 2 MA's), (253, 7212), (411, 7491), (510, 7689), (550, 7779), (583, 7842), (644, 8004), (800, 8202), (812, 8226), (813, 8229), (862, 8292), (869, 8304), (882, 8313), (901, 8331), (916, 8352), (985, 8448), (1014, 8502), (1070, 8538), (1168, 8685), (1193, 8715), (1196, 8718),

Gene: HazuAndZazu_7 Start: 2850, Stop: 4595, Start Num: 187
Candidate Starts for HazuAndZazu_7:
(Start: 187 @2850 has 203 MA's), (229, 2904), (231, 2907), (252, 2943), (254, 2949), (380, 3183), (430, 3282), (444, 3324), (454, 3345), (476, 3387), (480, 3399), (522, 3498), (530, 3516), (545, 3552), (634, 3777), (644, 3801), (647, 3807), (726, 3930), (771, 3999), (863, 4116), (876, 4143), (929, 4212), (931, 4215), (962, 4266), (1012, 4353), (1059, 4419), (1071, 4443), (1080, 4455), (1094, 4473), (1136, 4545), (1139, 4548),

Gene: HeadMave_3 Start: 1086, Stop: 2546, Start Num: 149
Candidate Starts for HeadMave_3:
(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (642, 1881), (649, 1896), (674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: HeadNerd_2 Start: 426, Stop: 1991, Start Num: 129
Candidate Starts for HeadNerd_2:
(Start: 129 @426 has 79 MA's), (Start: 268 @636 has 4 MA's), (316, 696), (330, 732), (334, 741), (342, 756), (347, 762), (364, 780), (452, 942), (464, 963), (521, 1077), (548, 1137), (613, 1203), (625, 1236), (637, 1266), (642, 1281), (692, 1362), (764, 1440), (768, 1449), (834, 1557), (838, 1566), (861, 1593), (912, 1647), (939, 1689), (1008, 1755), (1095, 1857),

Gene: Heathen_11 Start: 6297, Stop: 7994, Start Num: 95
Candidate Starts for Heathen_11:
(Start: 95 @6297 has 435 MA's), (152, 6369), (311, 6567), (403, 6741), (411, 6753), (432, 6792), (438, 6804), (469, 6861), (479, 6885), (510, 6951), (513, 6960), (550, 7041), (565, 7068), (620, 7206), (647, 7272), (661, 7293), (678, 7317), (685, 7326), (740, 7392), (800, 7467), (812, 7491), (813, 7494), (817, 7500), (825, 7509), (862, 7557), (916, 7617), (985, 7713), (1010, 7758), (1014, 7767), (1145, 7920), (1168, 7950), (1193, 7980), (1196, 7983),

Gene: Heather_2 Start: 597, Stop: 2144, Start Num: 276
Candidate Starts for Heather_2:
(Start: 276 @597 has 4 MA's), (405, 816), (411, 825), (435, 873), (456, 918), (475, 954), (487, 978), (504, 1008), (507, 1017), (528, 1062), (539, 1092), (550, 1113), (590, 1191), (620, 1266), (638, 1296), (797, 1551), (799, 1554), (822, 1596), (835, 1623), (869, 1674), (872, 1680), (880, 1689), (891, 1701), (913, 1731), (974, 1833), (984, 1854), (1003, 1881), (1028, 1929), (1088, 2010), (1117, 2034), (1118, 2037), (1188, 2133),

Gene: Heffalump_14 Start: 9253, Stop: 11040, Start Num: 96
Candidate Starts for Heffalump_14:

(Start: 96 @9253 has 243 MA's), (179, 9361), (193, 9382), (250, 9490), (339, 9652), (411, 9775), (469, 9883), (510, 9973), (518, 9997), (580, 10114), (584, 10129), (733, 10429), (869, 10615), (901, 10642), (916, 10663), (985, 10759), (1168, 10996), (1191, 11023), (1193, 11026),

Gene: Heinz_2 Start: 511, Stop: 2103, Start Num: 161
Candidate Starts for Heinz_2:
(Start: 161 @511 has 13 MA's), (252, 646), (254, 652), (285, 694), (316, 733), (319, 739), (330, 769), (364, 817), (398, 877), (425, 919), (426, 922), (437, 946), (438, 949), (464, 976), (505, 1039), (532, 1111), (544, 1141), (547, 1147), (548, 1150), (550, 1153), (672, 1396), (692, 1417), (699, 1432), (701, 1435), (709, 1447), (765, 1507), (789, 1552), (796, 1570), (822, 1609), (912, 1702), (923, 1723), (1057, 1927), (1129, 2020), (1144, 2038), (1190, 2092),

Gene: Heisenberger_8 Start: 3847, Stop: 5601, Start Num: 187
Candidate Starts for Heisenberger_8:
(151, 3793), (Start: 183 @3841 has 2 MA's), (Start: 187 @3847 has 203 MA's), (252, 3940), (254, 3946), (361, 4138), (395, 4213), (413, 4243), (427, 4273), (444, 4321), (451, 4339), (454, 4342), (530, 4513), (604, 4699), (644, 4798), (685, 4870), (726, 4927), (771, 5005), (778, 5017), (866, 5128), (868, 5131), (876, 5149), (914, 5194), (929, 5218), (931, 5221), (954, 5260), (1051, 5401), (1069, 5446), (1071, 5449), (1080, 5461), (1114, 5509), (1133, 5542), (1136, 5551), (1139, 5554),

Gene: HelDan_11 Start: 6549, Stop: 8246, Start Num: 95
Candidate Starts for HelDan_11:
(Start: 95 @6549 has 435 MA's), (152, 6621), (311, 6819), (403, 6993), (411, 7005), (432, 7044), (438, 7056), (469, 7113), (479, 7137), (510, 7203), (513, 7212), (550, 7293), (565, 7320), (620, 7458), (647, 7524), (661, 7545), (685, 7578), (740, 7644), (800, 7719), (812, 7743), (813, 7746), (817, 7752), (825, 7761), (862, 7809), (916, 7869), (985, 7965), (1010, 8010), (1014, 8019), (1145, 8172), (1168, 8202), (1193, 8232), (1196, 8235),

Gene: Heliosoles_13 Start: 7029, Stop: 8729, Start Num: 102
Candidate Starts for Heliosoles_13:
(Start: 102 @7029 has 88 MA's), (137, 7077), (Start: 191 @7149 has 2 MA's), (253, 7212), (411, 7491), (510, 7689), (550, 7779), (583, 7842), (644, 8004), (800, 8202), (812, 8226), (813, 8229), (862, 8292), (869, 8304), (882, 8313), (901, 8331), (916, 8352), (985, 8448), (1014, 8502), (1070, 8538), (1168, 8685), (1193, 8715), (1196, 8718),

Gene: Helmet_15 Start: 7533, Stop: 9287, Start Num: 96
Candidate Starts for Helmet_15:
(Start: 96 @7533 has 243 MA's), (200, 7665), (250, 7764), (262, 7788), (283, 7815), (300, 7851), (339, 7926), (411, 8049), (420, 8064), (432, 8088), (469, 8157), (479, 8181), (480, 8184), (510, 8247), (518, 8271), (583, 8400), (584, 8403), (623, 8514), (732, 8676), (800, 8763), (806, 8775), (812, 8787), (852, 8835), (862, 8850), (901, 8889), (916, 8910), (979, 8994), (985, 9006), (1168, 9243), (1191, 9270), (1193, 9273),

Gene: Hemma_8 Start: 3348, Stop: 5093, Start Num: 187
Candidate Starts for Hemma_8:
(Start: 183 @3342 has 2 MA's), (Start: 187 @3348 has 203 MA's), (254, 3447), (322, 3567), (353, 3633), (361, 3639), (395, 3714), (413, 3744), (444, 3822), (451, 3840), (454, 3843), (530, 4014), (543, 4047), (604, 4200), (634, 4275), (644, 4299), (704, 4404), (726, 4428), (748, 4467), (778, 4509), (803, 4557), (868, 4623), (876, 4641), (879, 4647), (924, 4704), (929, 4710), (931, 4713), (1012, 4851), (1051, 4893), (1059, 4917), (1071, 4941), (1080, 4953), (1094, 4971), (1136, 5043), (1139, 5046), (1162, 5082),

Gene: Henrique_2 Start: 625, Stop: 2373, Start Num: 201

Candidate Starts for Henrique_2:
(164, 574), (180, 601), (Start: 201 @625 has 43 MA's), (266, 718), (340, 859), (344, 865), (364, 898), (366, 901), (437, 1039), (476, 1114), (487, 1135), (541, 1261), (596, 1363), (614, 1420), (620, 1435), (641, 1474), (802, 1747), (810, 1762), (824, 1786), (840, 1819), (959, 1996), (973, 2020), (980, 2038), (994, 2068), (1003, 2083), (1008, 2098), (1023, 2125), (1042, 2152), (1066, 2176), (1073, 2185), (1114, 2236), (1142, 2290),

Gene: Herb_2 Start: 428, Stop: 1993, Start Num: 129
Candidate Starts for Herb_2:
(Start: 129 @428 has 79 MA's), (Start: 245 @599 has 2 MA's), (313, 692), (317, 701), (330, 734), (338, 749), (342, 758), (364, 782), (394, 836), (455, 947), (496, 1013), (500, 1019), (521, 1079), (548, 1139), (564, 1169), (637, 1268), (764, 1442), (768, 1451), (787, 1487), (789, 1493), (806, 1529), (837, 1565), (862, 1598), (897, 1637), (907, 1643), (1024, 1784), (1095, 1859), (1151, 1940), (1192, 1979),

Gene: HerbBucket_7 Start: 3619, Stop: 5367, Start Num: 187
Candidate Starts for HerbBucket_7:
(Start: 174 @3601 has 5 MA's), (Start: 187 @3619 has 203 MA's), (252, 3712), (254, 3718), (292, 3775), (322, 3838), (413, 4015), (444, 4093), (454, 4114), (506, 4216), (530, 4285), (604, 4471), (634, 4546), (644, 4570), (704, 4675), (726, 4699), (778, 4783), (868, 4897), (876, 4915), (929, 4984), (931, 4987), (962, 5038), (992, 5080), (1051, 5167), (1060, 5194), (1071, 5215), (1080, 5227), (1094, 5245), (1136, 5317), (1139, 5320),

Gene: Herbertwm_10 Start: 6311, Stop: 8074, Start Num: 96
Candidate Starts for Herbertwm_10:
(Start: 96 @6311 has 243 MA's), (200, 6443), (250, 6542), (311, 6641), (381, 6773), (411, 6827), (469, 6938), (510, 7028), (518, 7052), (584, 7184), (615, 7277), (740, 7475), (800, 7550), (812, 7574), (862, 7637), (869, 7649), (901, 7676), (985, 7793), (1014, 7847), (1083, 7901), (1168, 8030), (1191, 8057), (1193, 8060),

Gene: Hercules11_13 Start: 6964, Stop: 8664, Start Num: 102
Candidate Starts for Hercules11_13:
(Start: 102 @6964 has 88 MA's), (137, 7012), (253, 7147), (362, 7339), (411, 7426), (510, 7624), (550, 7714), (583, 7777), (644, 7939), (800, 8137), (812, 8161), (813, 8164), (862, 8227), (882, 8248), (916, 8287), (985, 8383), (1014, 8437), (1070, 8473), (1168, 8620), (1193, 8650), (1196, 8653),

Gene: Hereford_4 Start: 1422, Stop: 3017, Start Num: 161
Candidate Starts for Hereford_4:
(Start: 161 @1422 has 13 MA's), (330, 1680), (342, 1704), (347, 1710), (521, 2001), (536, 2031), (559, 2082), (564, 2091), (621, 2193), (625, 2205), (701, 2328), (796, 2457), (956, 2685), (991, 2727), (1190, 3006),

Gene: Hermia_13 Start: 7751, Stop: 9439, Start Num: 95
Candidate Starts for Hermia_13:
(Start: 95 @7751 has 435 MA's), (Start: 258 @7931 has 2 MA's), (311, 8015), (327, 8051), (339, 8078), (411, 8201), (430, 8234), (469, 8309), (510, 8399), (518, 8423), (534, 8450), (553, 8498), (591, 8567), (615, 8642), (620, 8654), (622, 8663), (644, 8714), (813, 8939), (819, 8948), (832, 8960), (862, 9002), (882, 9023), (908, 9050), (985, 9158), (1070, 9248), (1139, 9353),

Gene: HermioneGrange_12 Start: 6720, Stop: 8408, Start Num: 95
Candidate Starts for HermioneGrange_12:
(Start: 95 @6720 has 435 MA's), (311, 6984), (323, 7008), (411, 7170), (430, 7203), (469, 7278), (510, 7368), (518, 7392), (534, 7419), (553, 7467), (620, 7623), (644, 7683), (813, 7908), (819, 7917), (832, 7929), (862, 7971), (882, 7992), (908, 8019), (985, 8127), (1070, 8217), (1139, 8322),

Gene: Hernandez44_3 Start: 1176, Stop: 2636, Start Num: 149
Candidate Starts for Hernandez44_3:
(Start: 149 @1176 has 162 MA's), (Start: 154 @1182 has 4 MA's), (Start: 272 @1344 has 48 MA's), (278, 1353), (315, 1413), (348, 1482), (366, 1503), (394, 1554), (520, 1758), (592, 1893), (642, 1971), (649, 1986), (674, 2022), (703, 2064), (739, 2097), (765, 2115), (834, 2235), (835, 2238), (848, 2250), (905, 2325), (944, 2388), (949, 2397), (958, 2406), (960, 2409), (1098, 2571), (1104, 2580), (1110, 2589), (1135, 2628),

Gene: Herod_2 Start: 498, Stop: 2222, Start Num: 201
Candidate Starts for Herod_2:
(Start: 190 @483 has 1 MA's), (Start: 201 @498 has 43 MA's), (259, 588), (383, 804), (393, 828), (397, 834), (406, 852), (411, 858), (438, 915), (476, 987), (571, 1185), (590, 1227), (596, 1233), (626, 1317), (641, 1344), (711, 1455), (725, 1482), (826, 1659), (999, 1932), (1001, 1935), (1003, 1941), (1011, 1962), (1034, 2001), (1066, 2049), (1073, 2058), (1091, 2082), (1114, 2100), (1145, 2157), (1194, 2214),

Gene: Hexamo_15 Start: 7488, Stop: 9242, Start Num: 96
Candidate Starts for Hexamo_15:
(Start: 96 @7488 has 243 MA's), (200, 7620), (250, 7719), (262, 7743), (283, 7770), (300, 7806), (339, 7881), (411, 8004), (420, 8019), (432, 8043), (469, 8112), (479, 8136), (480, 8139), (510, 8202), (518, 8226), (583, 8355), (584, 8358), (623, 8469), (732, 8631), (800, 8718), (806, 8730), (812, 8742), (852, 8790), (862, 8805), (901, 8844), (916, 8865), (979, 8949), (985, 8961), (1168, 9198), (1191, 9225), (1193, 9228),

Gene: Hexbug_5 Start: 1093, Stop: 2790, Start Num: 140
Candidate Starts for Hexbug_5:
(127, 1066), (Start: 140 @1093 has 9 MA's), (Start: 191 @1147 has 2 MA's), (205, 1168), (219, 1195), (300, 1306), (341, 1384), (386, 1468), (405, 1504), (411, 1513), (413, 1516), (434, 1564), (438, 1576), (482, 1663), (532, 1753), (574, 1843), (598, 1897), (697, 2110), (708, 2125), (724, 2134), (776, 2176), (803, 2242), (806, 2248), (834, 2290), (858, 2323), (862, 2332), (959, 2452), (1001, 2509), (1008, 2530), (1047, 2557), (1098, 2617), (1141, 2686), (1142, 2689), (1179, 2734), (1213, 2776), (1214, 2779),

Gene: Hibiscus_2 Start: 511, Stop: 2103, Start Num: 161
Candidate Starts for Hibiscus_2:
(Start: 161 @511 has 13 MA's), (252, 646), (285, 694), (316, 733), (330, 769), (364, 817), (398, 877), (425, 919), (426, 922), (437, 946), (438, 949), (464, 976), (505, 1039), (532, 1111), (544, 1141), (547, 1147), (548, 1150), (672, 1399), (692, 1420), (699, 1435), (701, 1438), (709, 1450), (765, 1510), (789, 1555), (796, 1573), (801, 1582), (822, 1612), (912, 1705), (923, 1726), (930, 1735), (978, 1795), (1013, 1855), (1057, 1927), (1081, 1957), (1122, 2011), (1129, 2020), (1144, 2038), (1190, 2092),

Gene: Highbury_9 Start: 2474, Stop: 4144, Start Num: 272
Candidate Starts for Highbury_9:
(Start: 272 @2474 has 48 MA's), (309, 2537), (435, 2771), (487, 2873), (570, 3053), (576, 3077), (585, 3095), (595, 3107), (616, 3170), (621, 3182), (642, 3227), (649, 3242), (700, 3320), (728, 3365), (759, 3419), (760, 3425), (814, 3539), (841, 3587), (910, 3683), (922, 3704), (933, 3719), (1014, 3872), (1022, 3884), (1065, 3941), (1091, 3977), (1124, 4028), (1142, 4064), (1145, 4067), (1193, 4133),

Gene: Hilltopfarm_9 Start: 4704, Stop: 6329, Start Num: 120
Candidate Starts for Hilltopfarm_9:
(57, 4623), (65, 4638), (94, 4680), (Start: 120 @4704 has 11 MA's), (Start: 125 @4710 has 1 MA's), (243, 4878), (248, 4890), (254, 4902), (342, 5046), (389, 5142), (392, 5151), (437, 5229), (439, 5235),

(485, 5292), (496, 5307), (534, 5397), (547, 5430), (548, 5433), (615, 5505), (637, 5562), (665, 5610), (682, 5631), (687, 5643), (693, 5655), (709, 5679), (730, 5703), (733, 5709), (780, 5766), (789, 5784), (861, 5886), (884, 5928), (930, 5991), (938, 6000), (942, 6006), (1023, 6120), (1047, 6132), (1062, 6150), (1094, 6192), (1123, 6234), (1132, 6249),

Gene: Hippo_6 Start: 2376, Stop: 4022, Start Num: 73
Candidate Starts for Hippo_6:
(Start: 73 @2376 has 95 MA's), (Start: 86 @2394 has 10 MA's), (Start: 207 @2526 has 2 MA's), (283, 2598), (300, 2634), (400, 2814), (413, 2835), (437, 2880), (458, 2922), (497, 2994), (510, 3018), (556, 3117), (565, 3132), (580, 3156), (581, 3162), (673, 3330), (800, 3480), (811, 3501), (852, 3564), (869, 3591), (959, 3699), (985, 3738), (1001, 3759), (1003, 3765), (1010, 3783), (1105, 3879), (1142, 3939), (1204, 4017),

Gene: HippoHollow_13 Start: 9192, Stop: 10979, Start Num: 96
Candidate Starts for HippoHollow_13:
(Start: 96 @9192 has 243 MA's), (179, 9300), (193, 9321), (250, 9429), (262, 9453), (408, 9711), (411, 9714), (432, 9753), (469, 9822), (479, 9846), (510, 9912), (518, 9936), (580, 10053), (584, 10068), (869, 10554), (901, 10581), (916, 10602), (985, 10698), (1168, 10935), (1191, 10962), (1193, 10965),

Gene: Hiraya_4 Start: 1069, Stop: 2637, Start Num: 93
Candidate Starts for Hiraya_4:
(Start: 93 @1069 has 92 MA's), (Start: 99 @1075 has 9 MA's), (228, 1231), (419, 1528), (422, 1534), (450, 1594), (494, 1666), (498, 1672), (509, 1693), (558, 1792), (591, 1840), (632, 1894), (643, 1918), (671, 1963), (676, 1969), (694, 1999), (699, 2005), (722, 2032), (729, 2041), (776, 2098), (779, 2104), (789, 2125), (790, 2131), (838, 2206), (845, 2209), (867, 2245), (912, 2290), (962, 2356), (1008, 2431), (1018, 2449), (1024, 2458), (1158, 2605), (1181, 2629), (1183, 2632),

Gene: Hiro_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Hiro_8:
(Start: 104 @3156 has 36 MA's), (Start: 258 @3342 has 2 MA's), (300, 3414), (311, 3426), (323, 3450), (327, 3462), (420, 3630), (449, 3690), (479, 3747), (480, 3750), (510, 3798), (618, 4053), (623, 4071), (647, 4125), (778, 4269), (800, 4311), (817, 4344), (869, 4413), (985, 4557), (1010, 4602), (1081, 4662), (1142, 4761), (1168, 4794), (1191, 4821), (1193, 4824), (1196, 4827),

Gene: Hlubikazi_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for Hlubikazi_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (Start: 158 @629 has 2 MA's), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (244, 758), (312, 845), (352, 905), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (1006, 1946), (1014, 1964), (1024, 1979), (1069, 2006), (1094, 2039), (1107, 2060), (1112, 2066), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: Holex_12 Start: 8166, Stop: 9932, Start Num: 120
Candidate Starts for Holex_12:
(Start: 96 @8145 has 243 MA's), (Start: 114 @8160 has 11 MA's), (Start: 120 @8166 has 11 MA's), (200, 8277), (250, 8376), (339, 8538), (381, 8610), (411, 8664), (432, 8703), (469, 8775), (510, 8865), (518, 8889), (580, 9006), (584, 9021), (622, 9129), (659, 9204), (685, 9240), (717, 9300), (806, 9420), (817, 9441), (852, 9480), (901, 9534), (904, 9537), (916, 9555), (954, 9609), (979, 9639), (985, 9651), (1070, 9741), (1083, 9759), (1168, 9888), (1191, 9915), (1193, 9918),

Gene: Holli_11 Start: 6677, Stop: 8374, Start Num: 95
Candidate Starts for Holli_11:
(Start: 95 @6677 has 435 MA's), (Start: 122 @6701 has 1 MA's), (Start: 207 @6824 has 2 MA's), (293, 6914), (311, 6947), (362, 7046), (408, 7130), (411, 7133), (432, 7172), (469, 7241), (479, 7265), (510, 7331), (550, 7421), (620, 7586), (661, 7673), (685, 7706), (740, 7772), (798, 7844), (800, 7847), (812, 7871), (852, 7922), (862, 7937), (901, 7976), (916, 7997), (985, 8093), (1168, 8330), (1193, 8360), (1196, 8363),

Gene: Holt_10 Start: 2580, Stop: 4250, Start Num: 272
Candidate Starts for Holt_10:
(Start: 272 @2580 has 48 MA's), (309, 2643), (435, 2877), (487, 2979), (570, 3159), (576, 3183), (585, 3201), (595, 3213), (616, 3276), (621, 3288), (642, 3333), (649, 3348), (700, 3426), (728, 3471), (759, 3525), (760, 3531), (814, 3645), (910, 3789), (933, 3825), (1014, 3978), (1022, 3990), (1065, 4047), (1091, 4083), (1124, 4134), (1142, 4170), (1145, 4173), (1193, 4239),

Gene: HomeFry_30 Start: 11600, Stop: 13279, Start Num: 109
Candidate Starts for HomeFry_30:
(Start: 109 @11600 has 4 MA's), (112, 11606), (Start: 158 @11666 has 2 MA's), (200, 11711), (222, 11753), (251, 11810), (281, 11849), (299, 11879), (303, 11888), (415, 12059), (514, 12260), (523, 12287), (534, 12305), (604, 12455), (608, 12467), (621, 12500), (800, 12728), (818, 12761), (861, 12836), (893, 12875), (899, 12887), (901, 12890), (929, 12932), (954, 12965), (988, 12998), (996, 13010), (1094, 13115), (1139, 13184), (1157, 13214), (1186, 13256), (1200, 13271),

Gene: Homines_11 Start: 7026, Stop: 8714, Start Num: 95
Candidate Starts for Homines_11:
(Start: 95 @7026 has 435 MA's), (Start: 258 @7206 has 2 MA's), (311, 7290), (327, 7326), (339, 7353), (411, 7476), (430, 7509), (469, 7584), (510, 7674), (518, 7698), (534, 7725), (553, 7773), (591, 7842), (620, 7929), (644, 7989), (819, 8223), (832, 8235), (862, 8277), (882, 8298), (908, 8325), (985, 8433), (1070, 8523), (1139, 8628),

Gene: Honk_2 Start: 655, Stop: 2367, Start Num: 111
Candidate Starts for Honk_2:
(6, 301), (9, 313), (91, 640), (Start: 111 @655 has 202 MA's), (Start: 146 @676 has 40 MA's), (253, 796), (339, 952), (373, 1012), (400, 1063), (411, 1081), (458, 1180), (482, 1231), (596, 1468), (603, 1492), (732, 1690), (803, 1789), (862, 1882), (901, 1921), (985, 2038), (997, 2053), (1024, 2107), (1081, 2182), (1142, 2278), (1150, 2290), (1204, 2356),

Gene: Hookmount_12 Start: 7044, Stop: 8741, Start Num: 95
Candidate Starts for Hookmount_12:
(Start: 95 @7044 has 435 MA's), (Start: 122 @7068 has 1 MA's), (311, 7314), (403, 7488), (411, 7500), (432, 7539), (438, 7551), (469, 7608), (479, 7632), (510, 7698), (513, 7707), (550, 7788), (570, 7821), (620, 7953), (623, 7965), (647, 8019), (661, 8040), (685, 8073), (732, 8127), (800, 8214), (812, 8238), (813, 8241), (817, 8247), (825, 8256), (862, 8304), (901, 8343), (904, 8346), (916, 8364), (985, 8460), (1014, 8514), (1145, 8667), (1168, 8697), (1193, 8727), (1196, 8730),

Gene: Hoonter_10 Start: 2509, Stop: 4179, Start Num: 272
Candidate Starts for Hoonter_10:
(Start: 272 @2509 has 48 MA's), (309, 2572), (435, 2806), (487, 2908), (570, 3088), (576, 3112), (585, 3130), (595, 3142), (616, 3205), (621, 3217), (642, 3262), (649, 3277), (700, 3355), (728, 3400), (759, 3454), (760, 3460), (814, 3574), (841, 3622), (910, 3718), (922, 3739), (933, 3754), (1014, 3907), (1022, 3919), (1065, 3976), (1091, 4012), (1124, 4063), (1142, 4099), (1145, 4102), (1193, 4168),

Gene: Hoot_15 Start: 7512, Stop: 9266, Start Num: 96

Candidate Starts for Hoot_15:
(Start: 96 @7512 has 243 MA's), (250, 7743), (283, 7794), (300, 7830), (339, 7905), (411, 8028), (432, 8067), (469, 8136), (479, 8160), (480, 8163), (510, 8226), (518, 8250), (570, 8349), (571, 8352), (583, 8379), (584, 8382), (740, 8667), (806, 8754), (812, 8766), (862, 8829), (901, 8868), (916, 8889), (979, 8973), (985, 8985), (1168, 9222), (1191, 9249), (1193, 9252),

Gene: Hope4ever_11 Start: 7128, Stop: 8816, Start Num: 95
Candidate Starts for Hope4ever_11:
(Start: 95 @7128 has 435 MA's), (311, 7392), (323, 7416), (411, 7578), (430, 7611), (469, 7686), (510, 7776), (518, 7800), (534, 7827), (553, 7875), (615, 8019), (620, 8031), (644, 8091), (813, 8316), (819, 8325), (832, 8337), (862, 8379), (882, 8400), (908, 8427), (985, 8535), (1070, 8625), (1139, 8730),

Gene: Hopey_9 Start: 2274, Stop: 3944, Start Num: 272
Candidate Starts for Hopey_9:
(Start: 272 @2274 has 48 MA's), (309, 2337), (435, 2571), (487, 2673), (570, 2853), (576, 2877), (585, 2895), (595, 2907), (616, 2970), (621, 2982), (642, 3027), (649, 3042), (700, 3120), (728, 3165), (759, 3219), (760, 3225), (814, 3339), (910, 3483), (933, 3519), (1014, 3672), (1022, 3684), (1065, 3741), (1091, 3777), (1124, 3828), (1142, 3864), (1145, 3867), (1193, 3933),

Gene: Horacetta_3 Start: 1074, Stop: 2534, Start Num: 149
Candidate Starts for Horacetta_3:
(Start: 149 @1074 has 162 MA's), (Start: 154 @1080 has 4 MA's), (Start: 272 @1242 has 48 MA's), (278, 1251), (315, 1311), (348, 1380), (366, 1401), (394, 1452), (520, 1656), (642, 1869), (649, 1884), (674, 1920), (703, 1962), (739, 1995), (765, 2013), (834, 2133), (835, 2136), (848, 2148), (905, 2223), (944, 2286), (958, 2304), (960, 2307), (1098, 2469), (1104, 2478), (1110, 2487), (1135, 2526),

Gene: Horseradish_5 Start: 1017, Stop: 2696, Start Num: 143
Candidate Starts for Horseradish_5:
(Start: 143 @1017 has 83 MA's), (Start: 191 @1068 has 2 MA's), (205, 1089), (252, 1128), (300, 1215), (326, 1260), (334, 1281), (339, 1290), (378, 1362), (405, 1413), (411, 1422), (434, 1473), (482, 1572), (497, 1593), (513, 1626), (532, 1662), (598, 1806), (609, 1842), (623, 1881), (635, 1914), (661, 1962), (697, 2019), (738, 2052), (776, 2085), (803, 2151), (806, 2157), (852, 2223), (859, 2235), (862, 2241), (929, 2322), (1001, 2418), (1047, 2466), (1110, 2541), (1165, 2622), (1213, 2682), (1214, 2685),

Gene: Hortihabitatio_16 Start: 9579, Stop: 11324, Start Num: 187
Candidate Starts for Hortihabitatio_16:
(Start: 187 @9579 has 203 MA's), (195, 9585), (252, 9672), (254, 9678), (274, 9714), (302, 9768), (323, 9801), (388, 9927), (444, 10053), (454, 10074), (492, 10143), (530, 10245), (555, 10302), (604, 10431), (644, 10530), (647, 10536), (665, 10566), (682, 10593), (726, 10659), (847, 10818), (863, 10845), (868, 10854), (899, 10896), (916, 10920), (929, 10941), (931, 10944), (1071, 11172), (1080, 11184), (1094, 11202), (1136, 11274), (1139, 11277),

Gene: HortumSL17_13 Start: 8109, Stop: 9896, Start Num: 96
Candidate Starts for HortumSL17_13:
(Start: 96 @8109 has 243 MA's), (Start: 114 @8124 has 11 MA's), (Start: 120 @8130 has 11 MA's), (200, 8241), (250, 8340), (339, 8502), (381, 8574), (411, 8628), (432, 8667), (469, 8739), (510, 8829), (518, 8853), (580, 8970), (584, 8985), (622, 9093), (659, 9168), (685, 9204), (717, 9264), (806, 9384), (817, 9405), (852, 9444), (901, 9498), (904, 9501), (916, 9519), (954, 9573), (979, 9603), (985, 9615), (1070, 9705), (1083, 9723), (1168, 9852), (1191, 9879), (1193, 9882),

Gene: Hoshi_8 Start: 3146, Stop: 4891, Start Num: 187
Candidate Starts for Hoshi_8:

(Start: 187 @3146 has 203 MA's), (229, 3200), (231, 3203), (252, 3239), (254, 3245), (380, 3479), (430, 3578), (444, 3620), (454, 3641), (476, 3683), (480, 3695), (522, 3794), (530, 3812), (545, 3848), (634, 4073), (644, 4097), (647, 4103), (726, 4226), (771, 4295), (863, 4412), (866, 4418), (876, 4439), (929, 4508), (931, 4511), (962, 4562), (1012, 4649), (1059, 4715), (1071, 4739), (1080, 4751), (1094, 4769), (1136, 4841), (1139, 4844),

Gene: HotFries_6 Start: 2653, Stop: 4398, Start Num: 187
Candidate Starts for HotFries_6:
(Start: 187 @2653 has 203 MA's), (195, 2659), (229, 2707), (252, 2746), (254, 2752), (413, 3049), (444, 3127), (451, 3145), (454, 3148), (492, 3217), (506, 3250), (530, 3319), (539, 3343), (573, 3412), (604, 3505), (647, 3610), (726, 3733), (771, 3805), (876, 3946), (929, 4015), (931, 4018), (1012, 4156), (1060, 4225), (1071, 4246), (1074, 4249), (1080, 4258), (1094, 4276), (1114, 4306), (1136, 4348), (1139, 4351),

Gene: HotPotato_2 Start: 685, Stop: 2373, Start Num: 249
Candidate Starts for HotPotato_2:
(164, 574), (180, 601), (Start: 201 @625 has 43 MA's), (249, 685), (266, 718), (324, 820), (340, 859), (344, 865), (358, 883), (364, 898), (366, 901), (377, 919), (383, 931), (397, 961), (437, 1039), (447, 1063), (456, 1075), (476, 1114), (487, 1135), (506, 1168), (539, 1255), (541, 1261), (596, 1363), (614, 1420), (620, 1435), (641, 1474), (700, 1570), (802, 1747), (810, 1762), (824, 1786), (959, 1996), (973, 2020), (980, 2038), (994, 2068), (1003, 2083), (1023, 2125), (1042, 2152), (1066, 2176), (1073, 2185), (1142, 2290),

Gene: Houdini22_11 Start: 6888, Stop: 8585, Start Num: 95
Candidate Starts for Houdini22_11:
(Start: 95 @6888 has 435 MA's), (Start: 122 @6912 has 1 MA's), (Start: 207 @7035 has 2 MA's), (293, 7125), (311, 7158), (362, 7257), (408, 7341), (411, 7344), (432, 7383), (469, 7452), (479, 7476), (510, 7542), (550, 7632), (620, 7797), (661, 7884), (685, 7917), (740, 7983), (798, 8055), (800, 8058), (812, 8082), (852, 8133), (862, 8148), (901, 8187), (916, 8208), (985, 8304), (1168, 8541), (1193, 8571), (1196, 8574),

Gene: HubbaBubba_22 Start: 9084, Stop: 10811, Start Num: 111
Candidate Starts for HubbaBubba_22:
(Start: 111 @9084 has 202 MA's), (222, 9234), (247, 9285), (299, 9360), (303, 9369), (359, 9492), (369, 9510), (514, 9792), (523, 9819), (604, 9987), (608, 9999), (675, 10110), (818, 10293), (893, 10407), (901, 10422), (988, 10530), (1112, 10674), (1139, 10716), (1157, 10746), (1186, 10788),

Gene: Huckleberry_2 Start: 426, Stop: 1991, Start Num: 129
Candidate Starts for Huckleberry_2:
(Start: 129 @426 has 79 MA's), (Start: 268 @636 has 4 MA's), (316, 696), (330, 732), (334, 741), (342, 756), (347, 762), (364, 780), (452, 942), (464, 963), (521, 1077), (548, 1137), (613, 1203), (625, 1236), (637, 1266), (642, 1281), (692, 1362), (764, 1440), (768, 1449), (834, 1557), (838, 1566), (861, 1593), (912, 1647), (939, 1689), (1008, 1755), (1095, 1857),

Gene: Huffy_9 Start: 3697, Stop: 5304, Start Num: 159
Candidate Starts for Huffy_9:
(Start: 99 @3619 has 9 MA's), (Start: 159 @3697 has 6 MA's), (316, 3925), (333, 3967), (378, 4030), (389, 4051), (464, 4189), (500, 4243), (534, 4327), (535, 4330), (536, 4333), (548, 4363), (681, 4570), (768, 4693), (811, 4780), (830, 4795), (838, 4810), (891, 4873), (944, 4942), (971, 4984), (1013, 5059), (1014, 5062), (1046, 5095), (1095, 5161), (1130, 5212), (1195, 5290), (1206, 5296),

Gene: Hugley_2 Start: 498, Stop: 2222, Start Num: 201
Candidate Starts for Hugley_2:

(Start: 190 @483 has 1 MA's), (Start: 201 @498 has 43 MA's), (259, 588), (383, 804), (393, 828), (397, 834), (406, 852), (411, 858), (438, 915), (476, 987), (571, 1185), (590, 1227), (596, 1233), (626, 1317), (641, 1344), (711, 1455), (725, 1482), (826, 1659), (999, 1932), (1001, 1935), (1003, 1941), (1011, 1962), (1034, 2001), (1066, 2049), (1073, 2058), (1091, 2082), (1114, 2100), (1145, 2157), (1194, 2214),

Gene: HuhtaEnerson15_9 Start: 6188, Stop: 7939, Start Num: 63
Candidate Starts for HuhtaEnerson15_9:
(Start: 52 @6161 has 23 MA's), (Start: 63 @6188 has 32 MA's), (112, 6257), (196, 6371), (200, 6377), (300, 6509), (339, 6584), (341, 6587), (362, 6620), (381, 6653), (439, 6761), (449, 6785), (469, 6818), (510, 6893), (526, 6938), (565, 7016), (570, 7022), (591, 7067), (647, 7220), (661, 7241), (800, 7415), (812, 7439), (813, 7442), (862, 7502), (869, 7514), (901, 7541), (916, 7562), (979, 7646), (985, 7658), (1168, 7895), (1196, 7928), (1202, 7934),

Gene: Hulk_3 Start: 1086, Stop: 2546, Start Num: 149
Candidate Starts for Hulk_3:
(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (592, 1803), (642, 1881), (649, 1896), (674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (949, 2307), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: Hunnie_4 Start: 800, Stop: 2290, Start Num: 146
Candidate Starts for Hunnie_4:
(Start: 146 @800 has 40 MA's), (181, 845), (255, 947), (267, 965), (274, 974), (313, 1025), (315, 1028), (319, 1037), (330, 1067), (345, 1094), (415, 1193), (474, 1292), (486, 1316), (488, 1319), (491, 1322), (513, 1367), (650, 1601), (692, 1649), (694, 1661), (728, 1700), (748, 1718), (768, 1730), (770, 1733), (781, 1754), (785, 1760), (789, 1772), (838, 1850), (874, 1904), (930, 1958), (940, 1970), (970, 2015), (1005, 2063), (1081, 2147), (1125, 2204), (1175, 2273),

Gene: HunterDalle_2 Start: 429, Stop: 1994, Start Num: 129
Candidate Starts for HunterDalle_2:
(Start: 129 @429 has 79 MA's), (Start: 245 @600 has 2 MA's), (313, 693), (338, 750), (342, 759), (364, 783), (394, 837), (464, 966), (521, 1080), (548, 1140), (564, 1170), (637, 1269), (642, 1284), (768, 1452), (804, 1527), (806, 1530), (834, 1560), (907, 1644), (939, 1692), (983, 1716), (1054, 1806), (1095, 1860), (1151, 1941), (1192, 1980),

Gene: Huntingdon_5 Start: 3080, Stop: 4645, Start Num: 129
Candidate Starts for Huntingdon_5:
(Start: 129 @3080 has 79 MA's), (Start: 246 @3254 has 12 MA's), (Start: 268 @3290 has 4 MA's), (313, 3344), (330, 3386), (342, 3410), (425, 3536), (485, 3650), (496, 3665), (500, 3671), (521, 3731), (548, 3791), (613, 3857), (625, 3890), (637, 3920), (642, 3935), (661, 3968), (672, 3983), (692, 4016), (768, 4103), (923, 4322), (939, 4343), (982, 4364), (1022, 4433), (1095, 4511), (1122, 4550), (1144, 4580), (1151, 4592), (1192, 4631), (1204, 4640),

Gene: Huphlepuff_37 Start: 10925, Stop: 12667, Start Num: 143
Candidate Starts for Huphlepuff_37:
(Start: 143 @10925 has 83 MA's), (253, 11042), (283, 11087), (305, 11153), (306, 11168), (323, 11201), (324, 11204), (329, 11219), (341, 11243), (342, 11246), (362, 11276), (375, 11297), (378, 11315), (383, 11324), (402, 11360), (411, 11375), (434, 11420), (458, 11462), (477, 11501), (482, 11513), (497, 11534), (519, 11585), (534, 11606), (635, 11828), (697, 11933), (704, 11942), (749, 11975), (776, 11996), (778, 11999), (789, 12026), (800, 12056), (806, 12068), (813, 12083), (819, 12092), (825, 12098), (852, 12140), (858, 12149), (865, 12164), (882, 12179), (929, 12239), (954,

12278), (980, 12311), (1001, 12341), (1002, 12344), (1040, 12428), (1081, 12482), (1092, 12497), (1113, 12524), (1142, 12578), (1211, 12650), (1213, 12653),

Gene: Hutc2_12 Start: 8027, Stop: 9790, Start Num: 96
Candidate Starts for Hutc2_12:
(Start: 96 @8027 has 243 MA's), (Start: 120 @8048 has 11 MA's), (179, 8135), (250, 8264), (262, 8288), (300, 8351), (381, 8495), (408, 8546), (411, 8549), (469, 8660), (479, 8684), (480, 8687), (510, 8750), (513, 8759), (518, 8774), (580, 8891), (584, 8906), (605, 8966), (638, 9050), (740, 9191), (806, 9278), (812, 9290), (852, 9338), (862, 9353), (901, 9392), (916, 9413), (942, 9452), (979, 9497), (985, 9509), (1168, 9746), (1191, 9773),

Gene: Huxley_11 Start: 6948, Stop: 8645, Start Num: 95
Candidate Starts for Huxley_11:
(Start: 95 @6948 has 435 MA's), (Start: 122 @6972 has 1 MA's), (Start: 207 @7095 has 2 MA's), (293, 7185), (311, 7218), (362, 7317), (408, 7401), (411, 7404), (432, 7443), (469, 7512), (479, 7536), (510, 7602), (550, 7692), (620, 7857), (661, 7944), (685, 7977), (740, 8043), (798, 8115), (800, 8118), (812, 8142), (852, 8193), (862, 8208), (901, 8247), (916, 8268), (985, 8364), (1168, 8601), (1193, 8631), (1196, 8634),

Gene: Hydra_8 Start: 2939, Stop: 4585, Start Num: 73
Candidate Starts for Hydra_8:
(Start: 73 @2939 has 95 MA's), (Start: 86 @2957 has 10 MA's), (283, 3161), (326, 3242), (400, 3377), (413, 3398), (458, 3485), (497, 3557), (510, 3581), (556, 3680), (584, 3734), (638, 3833), (673, 3893), (806, 4055), (811, 4064), (869, 4154), (901, 4181), (957, 4259), (959, 4262), (985, 4301), (1001, 4322), (1003, 4328), (1010, 4346), (1105, 4442), (1142, 4502),

Gene: Hydrus_16 Start: 9487, Stop: 11232, Start Num: 187
Candidate Starts for Hydrus_16:
(Start: 187 @9487 has 203 MA's), (195, 9493), (254, 9586), (274, 9622), (302, 9676), (395, 9853), (444, 9961), (451, 9979), (454, 9982), (492, 10051), (522, 10135), (530, 10153), (555, 10210), (588, 10291), (604, 10339), (644, 10438), (647, 10444), (680, 10495), (682, 10501), (704, 10543), (726, 10567), (868, 10762), (899, 10804), (916, 10828), (929, 10849), (931, 10852), (1051, 11032), (1069, 11077), (1071, 11080), (1080, 11092), (1136, 11182), (1139, 11185),

Gene: Hyzer_2 Start: 498, Stop: 2222, Start Num: 201
Candidate Starts for Hyzer_2:
(Start: 190 @483 has 1 MA's), (Start: 201 @498 has 43 MA's), (259, 588), (323, 702), (327, 714), (364, 771), (383, 804), (393, 828), (397, 834), (411, 858), (414, 864), (438, 915), (476, 987), (571, 1185), (590, 1227), (596, 1233), (626, 1317), (627, 1320), (641, 1344), (667, 1377), (700, 1440), (711, 1455), (725, 1482), (814, 1641), (826, 1659), (999, 1932), (1001, 1935), (1003, 1941), (1011, 1962), (1030, 1995), (1034, 2001), (1066, 2049), (1073, 2058), (1091, 2082), (1114, 2100), (1145, 2157), (1194, 2214),

Gene: IAmGroot_2 Start: 501, Stop: 2183, Start Num: 93
Candidate Starts for IAmGroot_2:
(Start: 93 @501 has 92 MA's), (Start: 163 @555 has 23 MA's), (339, 798), (373, 852), (411, 921), (430, 957), (604, 1317), (985, 1857), (1150, 2109),

Gene: ICleared_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for ICleared_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812,

8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: IDyn_25 Start: 10480, Stop: 12207, Start Num: 111
Candidate Starts for IDyn_25:
(Start: 111 @10480 has 202 MA's), (222, 10630), (247, 10681), (281, 10726), (299, 10756), (303, 10765), (359, 10888), (369, 10906), (514, 11188), (523, 11215), (604, 11383), (608, 11395), (675, 11506), (818, 11689), (893, 11803), (901, 11818), (922, 11851), (988, 11926), (1112, 12070), (1139, 12112), (1157, 12142), (1186, 12184),

Gene: ILeeKay_13 Start: 7180, Stop: 8868, Start Num: 95
Candidate Starts for ILeeKay_13:
(Start: 95 @7180 has 435 MA's), (311, 7444), (323, 7468), (411, 7630), (430, 7663), (469, 7738), (499, 7792), (510, 7828), (518, 7852), (534, 7879), (553, 7927), (591, 7996), (620, 8083), (644, 8143), (819, 8377), (832, 8389), (862, 8431), (882, 8452), (908, 8479), (985, 8587), (1070, 8677), (1139, 8782),

Gene: IMpilo_2 Start: 588, Stop: 2225, Start Num: 111
Candidate Starts for IMpilo_2:
(Start: 111 @588 has 202 MA's), (Start: 115 @594 has 2 MA's), (Start: 125 @603 has 1 MA's), (Start: 129 @612 has 79 MA's), (133, 618), (Start: 158 @645 has 2 MA's), (Start: 185 @669 has 2 MA's), (188, 672), (224, 735), (230, 753), (244, 774), (312, 861), (315, 867), (352, 921), (369, 933), (377, 945), (381, 954), (383, 957), (392, 978), (404, 999), (415, 1014), (440, 1071), (461, 1110), (502, 1179), (505, 1185), (514, 1215), (515, 1218), (518, 1227), (523, 1242), (534, 1260), (557, 1311), (604, 1413), (711, 1584), (726, 1596), (748, 1614), (800, 1680), (816, 1710), (818, 1713), (820, 1716), (869, 1773), (884, 1788), (889, 1794), (893, 1797), (901, 1812), (908, 1821), (957, 1890), (982, 1920), (988, 1929), (1006, 1962), (1024, 1995), (1069, 2022), (1094, 2055), (1112, 2082), (1114, 2085), (1127, 2106), (1139, 2130), (1142, 2139), (1145, 2142), (1184, 2199),

Gene: IPhane7_14 Start: 4719, Stop: 6263, Start Num: 130
Candidate Starts for IPhane7_14:
(Start: 130 @4719 has 21 MA's), (Start: 163 @4767 has 23 MA's), (315, 4968), (392, 5106), (512, 5298), (643, 5508), (676, 5559), (729, 5631), (789, 5694), (796, 5718), (804, 5733), (857, 5793), (862, 5805), (907, 5865), (930, 5898), (959, 5931), (977, 5958), (1007, 6006), (1143, 6192), (1158, 6213),

Gene: IUFootball_2 Start: 532, Stop: 2271, Start Num: 95
Candidate Starts for IUFootball_2:
(Start: 95 @532 has 435 MA's), (Start: 142 @592 has 2 MA's), (Start: 149 @601 has 162 MA's), (Start: 191 @655 has 2 MA's), (293, 778), (365, 916), (373, 928), (386, 952), (411, 997), (436, 1045), (482, 1138), (532, 1237), (534, 1240), (560, 1297), (603, 1399), (604, 1402), (647, 1468), (687, 1525), (726, 1594), (813, 1714), (959, 1906), (985, 1942), (997, 1957), (1105, 2122), (1150, 2194), (1165, 2209), (1167, 2212), (1201, 2257),

Gene: IbOuu_2 Start: 571, Stop: 2208, Start Num: 111
Candidate Starts for IbOuu_2:
(Start: 111 @571 has 202 MA's), (Start: 118 @580 has 1 MA's), (Start: 129 @595 has 79 MA's), (Start: 185 @652 has 2 MA's), (188, 655), (224, 718), (244, 757), (312, 844), (352, 904), (369, 916), (377, 928), (381, 937), (383, 940), (392, 961), (404, 982), (440, 1054), (461, 1093), (502, 1162), (505, 1168), (514, 1198), (515, 1201), (518, 1210), (523, 1225), (534, 1243), (557, 1294), (601, 1387), (604, 1396), (711, 1567), (726, 1579), (800, 1663), (816, 1693), (818, 1696), (820, 1699), (869, 1756), (884, 1771), (889, 1777), (893, 1780), (901, 1795), (908, 1804), (957, 1873), (982, 1903), (988, 1912), (1006, 1945), (1024, 1978), (1069, 2005), (1094, 2038), (1114, 2068), (1127, 2089), (1139, 2113), (1142, 2122), (1145, 2125), (1184, 2182),

Gene: Ibhubesi_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for Ibhubesi_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (Start: 158 @629 has 2 MA's), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (312, 845), (352, 905), (369, 917), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (601, 1388), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1014, 1964), (1024, 1979), (1069, 2006), (1094, 2039), (1107, 2060), (1112, 2066), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: Ibrahim_3 Start: 724, Stop: 2607, Start Num: 66
Candidate Starts for Ibrahim_3:
(14, 475), (Start: 66 @724 has 7 MA's), (127, 805), (131, 814), (197, 910), (204, 922), (300, 1054), (383, 1201), (386, 1207), (400, 1234), (411, 1252), (442, 1315), (514, 1450), (599, 1651), (630, 1708), (803, 1927), (835, 1978), (843, 2002), (874, 2053), (961, 2182), (980, 2221), (985, 2230), (1010, 2281), (1033, 2320), (1072, 2407), (1081, 2419), (1141, 2512), (1150, 2527), (1152, 2530),

Gene: Icarian_4 Start: 949, Stop: 2574, Start Num: 171
Candidate Starts for Icarian_4:
(Start: 171 @949 has 84 MA's), (278, 1105), (319, 1159), (342, 1213), (360, 1228), (398, 1297), (426, 1342), (464, 1396), (498, 1447), (500, 1450), (521, 1510), (531, 1528), (532, 1531), (542, 1558), (558, 1588), (628, 1750), (782, 1966), (829, 2041), (837, 2053), (1064, 2368), (1095, 2407),

Gene: IceWarrior_8 Start: 3146, Stop: 4891, Start Num: 187
Candidate Starts for IceWarrior_8:
(Start: 187 @3146 has 203 MA's), (229, 3200), (231, 3203), (252, 3239), (254, 3245), (380, 3479), (430, 3578), (444, 3620), (454, 3641), (476, 3683), (480, 3695), (522, 3794), (530, 3812), (545, 3848), (634, 4073), (644, 4097), (647, 4103), (726, 4226), (771, 4295), (863, 4412), (866, 4418), (876, 4439), (929, 4508), (931, 4511), (962, 4562), (1012, 4649), (1059, 4715), (1071, 4739), (1080, 4751), (1094, 4769), (1136, 4841), (1139, 4844),

Gene: Iceman_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Iceman_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Ichabod_12 Start: 7032, Stop: 8720, Start Num: 95
Candidate Starts for Ichabod_12:
(Start: 95 @7032 has 435 MA's), (311, 7296), (323, 7320), (411, 7482), (430, 7515), (469, 7590), (510, 7680), (518, 7704), (553, 7779), (591, 7848), (620, 7935), (622, 7944), (644, 7995), (819, 8229), (832, 8241), (862, 8283), (882, 8304), (908, 8331), (985, 8439), (1070, 8529), (1139, 8634),

Gene: Ichiang_4 Start: 1613, Stop: 3313, Start Num: 163
Candidate Starts for Ichiang_4:
(124, 1556), (Start: 146 @1592 has 40 MA's), (Start: 163 @1613 has 23 MA's), (211, 1688), (233, 1736), (Start: 246 @1757 has 12 MA's), (278, 1805), (315, 1850), (316, 1853), (333, 1895), (342, 1913), (345, 1916), (347, 1919), (426, 2042), (437, 2066), (464, 2096), (500, 2150), (521, 2210), (547, 2267), (548, 2270), (559, 2291), (642, 2522), (692, 2588), (699, 2603), (796, 2774), (834, 2822), (838, 2831), (869, 2873), (907, 2906), (932, 2945), (983, 2987), (1054, 3077), (1072, 3104), (1075, 3107),

(1078, 3113), (1095, 3134), (1125, 3176), (1181, 3254), (1215, 3302),

Gene: Idleandcovert_11 Start: 6496, Stop: 8193, Start Num: 95
Candidate Starts for Idleandcovert_11:
(Start: 95 @6496 has 435 MA's), (Start: 122 @6520 has 1 MA's), (152, 6568), (311, 6766), (339, 6829), (403, 6940), (411, 6952), (432, 6991), (438, 7003), (469, 7060), (479, 7084), (510, 7150), (513, 7159), (550, 7240), (565, 7267), (620, 7405), (661, 7492), (685, 7525), (740, 7591), (800, 7666), (812, 7690), (813, 7693), (817, 7699), (825, 7708), (852, 7741), (862, 7756), (916, 7816), (985, 7912), (1010, 7957), (1014, 7966), (1145, 8119), (1168, 8149), (1193, 8179), (1196, 8182),

Gene: IgnatiusPatJac_10 Start: 7006, Stop: 8694, Start Num: 95
Candidate Starts for IgnatiusPatJac_10:
(Start: 95 @7006 has 435 MA's), (Start: 258 @7186 has 2 MA's), (311, 7270), (323, 7294), (411, 7456), (430, 7489), (469, 7564), (510, 7654), (518, 7678), (534, 7705), (553, 7753), (620, 7909), (644, 7969), (813, 8194), (819, 8203), (832, 8215), (862, 8257), (882, 8278), (908, 8305), (985, 8413), (1070, 8503), (1139, 8608),

Gene: Imbriano_14 Start: 7533, Stop: 9287, Start Num: 96
Candidate Starts for Imbriano_14:
(Start: 96 @7533 has 243 MA's), (250, 7764), (283, 7815), (300, 7851), (339, 7926), (411, 8049), (432, 8088), (469, 8157), (479, 8181), (480, 8184), (510, 8247), (518, 8271), (570, 8370), (571, 8373), (583, 8400), (584, 8403), (740, 8688), (806, 8775), (812, 8787), (862, 8850), (901, 8889), (916, 8910), (979, 8994), (985, 9006), (1168, 9243), (1191, 9270), (1193, 9273),

Gene: Immaculata_5 Start: 3127, Stop: 4692, Start Num: 129
Candidate Starts for Immaculata_5:
(Start: 129 @3127 has 79 MA's), (Start: 268 @3337 has 4 MA's), (313, 3391), (342, 3457), (364, 3481), (485, 3697), (496, 3712), (500, 3718), (521, 3778), (548, 3838), (625, 3937), (637, 3967), (642, 3982), (692, 4063), (764, 4141), (768, 4150), (787, 4186), (804, 4225), (834, 4258), (838, 4267), (861, 4294), (912, 4348), (939, 4390), (982, 4411), (1001, 4435), (1008, 4456), (1022, 4480), (1095, 4558), (1192, 4678),

Gene: Inca_8 Start: 1976, Stop: 3646, Start Num: 269
Candidate Starts for Inca_8:
(Start: 269 @1976 has 11 MA's), (435, 2273), (487, 2375), (570, 2555), (576, 2579), (585, 2597), (595, 2609), (616, 2672), (642, 2729), (649, 2744), (700, 2822), (728, 2867), (759, 2921), (760, 2927), (814, 3041), (841, 3089), (910, 3185), (933, 3221), (1014, 3374), (1022, 3386), (1065, 3443), (1091, 3479), (1124, 3530), (1142, 3566), (1145, 3569), (1193, 3635),

Gene: Indigenous_8 Start: 3146, Stop: 4891, Start Num: 187
Candidate Starts for Indigenous_8:
(Start: 187 @3146 has 203 MA's), (229, 3200), (231, 3203), (252, 3239), (254, 3245), (380, 3479), (430, 3578), (444, 3620), (454, 3641), (476, 3683), (480, 3695), (522, 3794), (530, 3812), (545, 3848), (634, 4073), (644, 4097), (647, 4103), (726, 4226), (771, 4295), (863, 4412), (866, 4418), (876, 4439), (929, 4508), (931, 4511), (962, 4562), (1012, 4649), (1059, 4715), (1071, 4739), (1080, 4751), (1094, 4769), (1136, 4841), (1139, 4844),

Gene: Indigo_6 Start: 2402, Stop: 4048, Start Num: 73
Candidate Starts for Indigo_6:
(Start: 73 @2402 has 95 MA's), (Start: 86 @2420 has 10 MA's), (283, 2624), (326, 2705), (400, 2840), (413, 2861), (458, 2948), (497, 3020), (510, 3044), (556, 3143), (584, 3197), (638, 3296), (673, 3356), (806, 3518), (811, 3527), (869, 3617), (901, 3644), (957, 3722), (959, 3725), (985, 3764), (1001, 3785), (1003, 3791), (1010, 3809), (1105, 3905), (1142, 3965),

Gene: Indra_15 Start: 7533, Stop: 9287, Start Num: 96
Candidate Starts for Indra_15:
(Start: 96 @7533 has 243 MA's), (200, 7665), (250, 7764), (262, 7788), (283, 7815), (300, 7851), (339, 7926), (411, 8049), (420, 8064), (432, 8088), (469, 8157), (479, 8181), (480, 8184), (510, 8247), (518, 8271), (583, 8400), (584, 8403), (623, 8514), (732, 8676), (800, 8763), (806, 8775), (812, 8787), (852, 8835), (862, 8850), (901, 8889), (916, 8910), (979, 8994), (985, 9006), (1168, 9243), (1191, 9270), (1193, 9273),

Gene: IndyLu_3 Start: 768, Stop: 2396, Start Num: 171
Candidate Starts for IndyLu_3:
(Start: 171 @768 has 84 MA's), (278, 924), (342, 1032), (378, 1077), (398, 1116), (425, 1158), (464, 1215), (498, 1266), (500, 1269), (521, 1329), (531, 1347), (542, 1377), (558, 1407), (838, 1878), (923, 1980), (1095, 2229), (1129, 2277), (1147, 2301), (1187, 2346),

Gene: Ingrid_7 Start: 3620, Stop: 5359, Start Num: 187
Candidate Starts for Ingrid_7:
(Start: 187 @3620 has 203 MA's), (254, 3719), (322, 3839), (376, 3938), (395, 3980), (413, 4010), (444, 4088), (454, 4109), (506, 4211), (530, 4280), (570, 4361), (604, 4466), (634, 4541), (644, 4565), (704, 4670), (726, 4694), (778, 4775), (803, 4823), (868, 4889), (876, 4907), (929, 4976), (1059, 5183), (1071, 5207), (1080, 5219), (1136, 5309), (1139, 5312),

Gene: Inked_8 Start: 3794, Stop: 5533, Start Num: 187
Candidate Starts for Inked_8:
(Start: 187 @3794 has 203 MA's), (254, 3893), (322, 4013), (376, 4112), (395, 4154), (413, 4184), (444, 4262), (454, 4283), (506, 4385), (530, 4454), (539, 4478), (604, 4640), (634, 4715), (644, 4739), (704, 4844), (726, 4868), (778, 4949), (803, 4997), (868, 5063), (876, 5081), (879, 5087), (929, 5150), (931, 5153), (1059, 5357), (1071, 5381), (1080, 5393), (1136, 5483), (1139, 5486),

Gene: Insomnia_12 Start: 8076, Stop: 9839, Start Num: 96
Candidate Starts for Insomnia_12:
(39, 7956), (Start: 96 @8076 has 243 MA's), (Start: 120 @8097 has 11 MA's), (179, 8184), (250, 8313), (262, 8337), (300, 8400), (381, 8544), (408, 8595), (411, 8598), (469, 8709), (479, 8733), (480, 8736), (510, 8799), (513, 8808), (518, 8823), (580, 8940), (584, 8955), (605, 9015), (638, 9099), (806, 9327), (812, 9339), (852, 9387), (862, 9402), (901, 9441), (916, 9462), (942, 9501), (979, 9546), (985, 9558), (1168, 9795), (1191, 9822),

Gene: Inspire2_4 Start: 800, Stop: 2290, Start Num: 146
Candidate Starts for Inspire2_4:
(Start: 146 @800 has 40 MA's), (181, 845), (255, 947), (267, 965), (274, 974), (313, 1025), (315, 1028), (319, 1037), (330, 1067), (345, 1094), (415, 1193), (474, 1292), (486, 1316), (488, 1319), (491, 1322), (513, 1367), (650, 1601), (692, 1649), (694, 1661), (728, 1700), (748, 1718), (768, 1730), (770, 1733), (781, 1754), (785, 1760), (789, 1772), (838, 1850), (874, 1904), (930, 1958), (940, 1970), (970, 2015), (1005, 2063), (1081, 2147), (1125, 2204), (1175, 2273),

Gene: Inventum_2 Start: 571, Stop: 2208, Start Num: 111
Candidate Starts for Inventum_2:
(Start: 111 @571 has 202 MA's), (Start: 118 @580 has 1 MA's), (Start: 129 @595 has 79 MA's), (Start: 185 @652 has 2 MA's), (188, 655), (224, 718), (244, 757), (312, 844), (352, 904), (369, 916), (377, 928), (381, 937), (383, 940), (392, 961), (404, 982), (440, 1054), (461, 1093), (502, 1162), (505, 1168), (514, 1198), (515, 1201), (518, 1210), (523, 1225), (534, 1243), (557, 1294), (601, 1387), (604, 1396), (711, 1567), (726, 1579), (800, 1663), (816, 1693), (818, 1696), (820, 1699), (869, 1756), (884, 1771), (889, 1777), (893, 1780), (901, 1795), (908, 1804), (957, 1873), (982, 1903), (988, 1912), (1006, 1945),

(1024, 1978), (1069, 2005), (1094, 2038), (1114, 2068), (1127, 2089), (1139, 2113), (1142, 2122), (1145, 2125), (1184, 2182),

Gene: Inyanga_10 Start: 6795, Stop: 8483, Start Num: 95
Candidate Starts for Inyanga_10:
(Start: 95 @6795 has 435 MA's), (311, 7059), (323, 7083), (411, 7245), (430, 7278), (469, 7353), (510, 7443), (518, 7467), (534, 7494), (553, 7542), (591, 7611), (615, 7686), (620, 7698), (622, 7707), (644, 7758), (819, 7992), (832, 8004), (862, 8046), (882, 8067), (908, 8094), (985, 8202), (1070, 8292), (1139, 8397),

Gene: Iqorha_10 Start: 6795, Stop: 8483, Start Num: 95
Candidate Starts for Iqorha_10:
(Start: 95 @6795 has 435 MA's), (Start: 258 @6975 has 2 MA's), (311, 7059), (327, 7095), (339, 7122), (411, 7245), (430, 7278), (469, 7353), (510, 7443), (518, 7467), (534, 7494), (553, 7542), (591, 7611), (615, 7686), (620, 7698), (622, 7707), (644, 7758), (813, 7983), (819, 7992), (832, 8004), (862, 8046), (882, 8067), (908, 8094), (985, 8202), (1070, 8292), (1139, 8397),

Gene: Iracema64_11 Start: 6861, Stop: 8558, Start Num: 95
Candidate Starts for Iracema64_11:
(Start: 95 @6861 has 435 MA's), (Start: 122 @6885 has 1 MA's), (Start: 207 @7008 has 2 MA's), (293, 7098), (311, 7131), (362, 7230), (408, 7314), (411, 7317), (432, 7356), (469, 7425), (479, 7449), (510, 7515), (550, 7605), (620, 7770), (661, 7857), (685, 7890), (740, 7956), (798, 8028), (800, 8031), (812, 8055), (852, 8106), (862, 8121), (901, 8160), (916, 8181), (985, 8277), (1168, 8514), (1193, 8544), (1196, 8547),

Gene: IrishSherpFalk_2 Start: 575, Stop: 2212, Start Num: 111
Candidate Starts for IrishSherpFalk_2:
(Start: 111 @575 has 202 MA's), (Start: 118 @584 has 1 MA's), (Start: 129 @599 has 79 MA's), (147, 620), (Start: 158 @632 has 2 MA's), (Start: 185 @656 has 2 MA's), (188, 659), (200, 677), (224, 722), (244, 761), (312, 848), (352, 908), (369, 920), (377, 932), (381, 941), (383, 944), (392, 965), (404, 986), (415, 1001), (440, 1058), (461, 1097), (502, 1166), (505, 1172), (514, 1202), (515, 1205), (518, 1214), (523, 1229), (534, 1247), (557, 1298), (601, 1391), (604, 1400), (711, 1571), (726, 1583), (748, 1601), (800, 1667), (816, 1697), (818, 1700), (820, 1703), (869, 1760), (884, 1775), (889, 1781), (893, 1784), (901, 1799), (908, 1808), (957, 1877), (982, 1907), (988, 1916), (1006, 1949), (1024, 1982), (1069, 2009), (1094, 2042), (1112, 2069), (1114, 2072), (1127, 2093), (1139, 2117), (1142, 2126), (1145, 2129), (1184, 2186),

Gene: IronMan_14 Start: 9160, Stop: 10938, Start Num: 96
Candidate Starts for IronMan_14:
(Start: 96 @9160 has 243 MA's), (Start: 120 @9178 has 11 MA's), (200, 9289), (Start: 207 @9301 has 2 MA's), (226, 9343), (231, 9355), (235, 9364), (250, 9388), (300, 9475), (408, 9670), (411, 9673), (432, 9712), (469, 9781), (510, 9871), (518, 9895), (570, 9994), (584, 10027), (733, 10327), (800, 10414), (869, 10513), (901, 10540), (916, 10561), (985, 10657), (1168, 10894), (1191, 10921), (1193, 10924),

Gene: IsHungry_6 Start: 1935, Stop: 3632, Start Num: 163
Candidate Starts for IsHungry_6:
(Start: 80 @1818 has 1 MA's), (Start: 107 @1854 has 24 MA's), (121, 1872), (Start: 138 @1902 has 4 MA's), (Start: 163 @1935 has 23 MA's), (233, 2055), (Start: 246 @2076 has 12 MA's), (254, 2091), (278, 2124), (313, 2166), (315, 2169), (333, 2214), (342, 2232), (345, 2235), (394, 2310), (426, 2361), (464, 2415), (500, 2469), (521, 2529), (559, 2610), (586, 2685), (692, 2907), (699, 2922), (722, 2949), (753, 2988), (755, 2994), (759, 3000), (786, 3060), (796, 3093), (838, 3150), (869, 3192), (907, 3225), (932, 3264), (983, 3306), (1072, 3423), (1078, 3432), (1119, 3483), (1125, 3495), (1181, 3573), (1215,

3621),

Gene: Isca_11 Start: 6368, Stop: 8065, Start Num: 95
Candidate Starts for Isca_11:
(Start: 95 @6368 has 435 MA's), (152, 6440), (311, 6638), (339, 6701), (403, 6812), (411, 6824), (432, 6863), (438, 6875), (469, 6932), (479, 6956), (510, 7022), (513, 7031), (550, 7112), (565, 7139), (620, 7277), (647, 7343), (661, 7364), (685, 7397), (740, 7463), (800, 7538), (812, 7562), (817, 7571), (825, 7580), (862, 7628), (901, 7667), (916, 7688), (985, 7784), (1010, 7829), (1014, 7838), (1145, 7991), (1168, 8021), (1193, 8051), (1196, 8054),

Gene: Isiphiwo_15 Start: 7523, Stop: 9277, Start Num: 96
Candidate Starts for Isiphiwo_15:
(Start: 96 @7523 has 243 MA's), (250, 7754), (283, 7805), (300, 7841), (339, 7916), (411, 8039), (432, 8078), (469, 8147), (479, 8171), (480, 8174), (510, 8237), (518, 8261), (570, 8360), (571, 8363), (583, 8390), (584, 8393), (740, 8678), (806, 8765), (812, 8777), (862, 8840), (901, 8879), (916, 8900), (979, 8984), (985, 8996), (1168, 9233), (1191, 9260), (1193, 9263),

Gene: Island3_2 Start: 522, Stop: 2081, Start Num: 128
Candidate Starts for Island3_2:
(Start: 128 @522 has 6 MA's), (200, 612), (253, 699), (294, 756), (326, 819), (369, 870), (403, 936), (409, 945), (440, 1017), (449, 1041), (459, 1053), (510, 1161), (514, 1173), (515, 1176), (532, 1215), (538, 1233), (608, 1380), (634, 1422), (688, 1506), (697, 1527), (714, 1551), (771, 1590), (815, 1668), (817, 1671), (828, 1683), (844, 1701), (923, 1818), (926, 1821), (983, 1887), (1004, 1920), (1079, 2001), (1103, 2034),

Gene: Issa_7 Start: 3549, Stop: 5288, Start Num: 187
Candidate Starts for Issa_7:
(Start: 187 @3549 has 203 MA's), (254, 3648), (322, 3768), (376, 3867), (395, 3909), (413, 3939), (427, 3969), (444, 4017), (454, 4038), (506, 4140), (530, 4209), (539, 4233), (578, 4323), (604, 4395), (634, 4470), (644, 4494), (704, 4599), (726, 4623), (778, 4704), (803, 4752), (868, 4818), (876, 4836), (879, 4842), (929, 4905), (931, 4908), (1055, 5097), (1059, 5112), (1060, 5115), (1071, 5136), (1080, 5148), (1136, 5238), (1139, 5241),

Gene: Issmi_7 Start: 2454, Stop: 4100, Start Num: 73
Candidate Starts for Issmi_7:
(Start: 73 @2454 has 95 MA's), (300, 2712), (311, 2724), (326, 2757), (386, 2865), (400, 2892), (413, 2913), (458, 3000), (497, 3072), (510, 3096), (556, 3195), (637, 3345), (673, 3408), (687, 3426), (800, 3558), (803, 3564), (811, 3579), (815, 3588), (869, 3669), (890, 3687), (901, 3696), (959, 3777), (985, 3816), (1001, 3837), (1010, 3861), (1081, 3921), (1142, 4017),

Gene: Iter_2 Start: 534, Stop: 2240, Start Num: 95
Candidate Starts for Iter_2:
(Start: 95 @534 has 435 MA's), (379, 906), (411, 963), (436, 1011), (482, 1101), (532, 1200), (570, 1275), (604, 1365), (687, 1488), (710, 1527), (800, 1650), (929, 1830), (959, 1869), (985, 1905), (997, 1920), (1081, 2055), (1136, 2139), (1142, 2151), (1150, 2163),

Gene: Itos_4 Start: 1069, Stop: 2637, Start Num: 93
Candidate Starts for Itos_4:
(Start: 93 @1069 has 92 MA's), (Start: 99 @1075 has 9 MA's), (228, 1231), (419, 1528), (422, 1534), (450, 1594), (494, 1666), (498, 1672), (509, 1693), (558, 1792), (591, 1840), (632, 1894), (643, 1918), (671, 1963), (676, 1969), (694, 1999), (699, 2005), (722, 2032), (729, 2041), (776, 2098), (779, 2104), (789, 2125), (790, 2131), (838, 2206), (845, 2209), (867, 2245), (912, 2290), (962, 2356), (1008, 2431), (1018, 2449), (1024, 2458), (1158, 2605), (1181, 2629), (1183, 2632),

Gene: IttyBittyPiggy_2 Start: 535, Stop: 2232, Start Num: 95
Candidate Starts for IttyBittyPiggy_2:
(13, 244), (Start: 95 @535 has 435 MA's), (Start: 191 @622 has 2 MA's), (379, 907), (411, 964), (432, 1006), (482, 1102), (513, 1156), (570, 1276), (800, 1651), (869, 1762), (929, 1831), (985, 1906), (997, 1921), (1081, 2047), (1150, 2155),

Gene: Itza_6 Start: 2578, Stop: 4239, Start Num: 73
Candidate Starts for Itza_6:
(Start: 73 @2578 has 95 MA's), (237, 2761), (267, 2797), (365, 2968), (400, 3031), (432, 3088), (458, 3139), (497, 3211), (510, 3235), (521, 3268), (540, 3304), (556, 3334), (570, 3355), (605, 3448), (638, 3487), (648, 3511), (673, 3547), (719, 3607), (800, 3697), (811, 3718), (825, 3739), (904, 3838), (985, 3955), (1010, 4000),

Gene: Iwokeuplikedis_12 Start: 7191, Stop: 8972, Start Num: 96
Candidate Starts for Iwokeuplikedis_12:
(27, 7023), (Start: 96 @7191 has 243 MA's), (250, 7422), (411, 7707), (432, 7746), (469, 7815), (510, 7905), (518, 7929), (534, 7956), (580, 8046), (584, 8061), (733, 8361), (800, 8448), (862, 8535), (869, 8547), (901, 8574), (979, 8679), (985, 8691), (1168, 8928), (1193, 8958),

Gene: Izel_15 Start: 4718, Stop: 6262, Start Num: 130
Candidate Starts for Izel_15:
(Start: 130 @4718 has 21 MA's), (Start: 163 @4766 has 23 MA's), (315, 4967), (392, 5105), (512, 5297), (643, 5507), (676, 5558), (729, 5630), (789, 5693), (796, 5717), (804, 5732), (857, 5792), (862, 5804), (907, 5864), (930, 5897), (959, 5930), (977, 5957), (1007, 6005), (1143, 6191), (1158, 6212),

Gene: Izzy_7 Start: 2609, Stop: 4255, Start Num: 73
Candidate Starts for Izzy_7:
(Start: 73 @2609 has 95 MA's), (Start: 86 @2627 has 10 MA's), (283, 2831), (326, 2912), (400, 3047), (413, 3068), (437, 3113), (458, 3155), (497, 3227), (510, 3251), (550, 3338), (556, 3350), (584, 3404), (638, 3503), (673, 3563), (806, 3725), (811, 3734), (869, 3824), (906, 3857), (957, 3929), (959, 3932), (985, 3971), (1001, 3992), (1003, 3998), (1010, 4016), (1105, 4112), (1142, 4172),

Gene: IzzyPants24_3 Start: 1113, Stop: 2573, Start Num: 149
Candidate Starts for IzzyPants24_3:
(Start: 149 @1113 has 162 MA's), (Start: 154 @1119 has 4 MA's), (Start: 272 @1281 has 48 MA's), (278, 1290), (315, 1350), (348, 1419), (366, 1440), (394, 1491), (520, 1695), (592, 1830), (642, 1908), (649, 1923), (661, 1941), (674, 1959), (703, 2001), (739, 2034), (765, 2052), (834, 2172), (835, 2175), (848, 2187), (857, 2199), (862, 2211), (905, 2262), (941, 2319), (944, 2325), (949, 2334), (958, 2343), (960, 2346), (1098, 2508), (1104, 2517), (1110, 2526), (1135, 2565),

Gene: JC27_13 Start: 7632, Stop: 9320, Start Num: 95
Candidate Starts for JC27_13:
(Start: 95 @7632 has 435 MA's), (Start: 258 @7812 has 2 MA's), (311, 7896), (327, 7932), (339, 7959), (411, 8082), (469, 8190), (510, 8280), (518, 8304), (534, 8331), (553, 8379), (591, 8448), (615, 8523), (620, 8535), (644, 8595), (813, 8820), (819, 8829), (832, 8841), (862, 8883), (882, 8904), (908, 8931), (985, 9039), (1070, 9129), (1139, 9234),

Gene: JEGGS_8 Start: 3849, Stop: 5603, Start Num: 187
Candidate Starts for JEGGS_8:
(151, 3795), (Start: 183 @3843 has 2 MA's), (Start: 187 @3849 has 203 MA's), (252, 3942), (254, 3948), (361, 4140), (395, 4215), (413, 4245), (427, 4275), (444, 4323), (451, 4341), (454, 4344), (530, 4515), (604, 4701), (644, 4800), (661, 4830), (685, 4872), (726, 4929), (771, 5007), (778, 5019), (868,

5133), (876, 5151), (914, 5196), (929, 5220), (931, 5223), (954, 5262), (1051, 5403), (1069, 5448), (1071, 5451), (1080, 5463), (1114, 5511), (1133, 5544), (1136, 5553), (1139, 5556),

Gene: JF2_11 Start: 6133, Stop: 7830, Start Num: 95
Candidate Starts for JF2_11:
(Start: 95 @6133 has 435 MA's), (152, 6205), (311, 6403), (339, 6466), (403, 6577), (411, 6589), (432, 6628), (438, 6640), (469, 6697), (479, 6721), (499, 6751), (510, 6787), (513, 6796), (550, 6877), (565, 6904), (620, 7042), (647, 7108), (661, 7129), (685, 7162), (740, 7228), (800, 7303), (812, 7327), (813, 7330), (817, 7336), (825, 7345), (862, 7393), (901, 7432), (904, 7435), (916, 7453), (985, 7549), (1014, 7603), (1145, 7756), (1168, 7786), (1193, 7816), (1196, 7819),

Gene: JF4_11 Start: 6133, Stop: 7830, Start Num: 95
Candidate Starts for JF4_11:
(Start: 95 @6133 has 435 MA's), (152, 6205), (311, 6403), (339, 6466), (403, 6577), (411, 6589), (432, 6628), (438, 6640), (469, 6697), (479, 6721), (499, 6751), (510, 6787), (513, 6796), (550, 6877), (565, 6904), (620, 7042), (647, 7108), (661, 7129), (685, 7162), (740, 7228), (800, 7303), (812, 7327), (813, 7330), (817, 7336), (825, 7345), (862, 7393), (901, 7432), (904, 7435), (916, 7453), (985, 7549), (1014, 7603), (1145, 7756), (1168, 7786), (1193, 7816), (1196, 7819),

Gene: JHC117_13 Start: 6955, Stop: 8655, Start Num: 102
Candidate Starts for JHC117_13:
(Start: 102 @6955 has 88 MA's), (137, 7003), (253, 7138), (362, 7330), (411, 7417), (510, 7615), (550, 7705), (583, 7768), (644, 7930), (800, 8128), (812, 8152), (813, 8155), (862, 8218), (882, 8239), (916, 8278), (985, 8374), (1014, 8428), (1070, 8464), (1168, 8611), (1193, 8641), (1196, 8644),

Gene: JRok_3 Start: 1071, Stop: 2531, Start Num: 149
Candidate Starts for JRok_3:
(Start: 149 @1071 has 162 MA's), (Start: 154 @1077 has 4 MA's), (Start: 272 @1239 has 48 MA's), (278, 1248), (315, 1308), (348, 1377), (366, 1398), (394, 1449), (520, 1653), (592, 1788), (642, 1866), (649, 1881), (674, 1917), (703, 1959), (739, 1992), (765, 2010), (834, 2130), (835, 2133), (848, 2145), (905, 2220), (944, 2283), (958, 2301), (960, 2304), (1098, 2466), (1104, 2475), (1110, 2484), (1135, 2523),

Gene: JSwag_14 Start: 6679, Stop: 8376, Start Num: 96
Candidate Starts for JSwag_14:
(Start: 96 @6679 has 243 MA's), (Start: 118 @6697 has 1 MA's), (253, 6859), (381, 7084), (411, 7138), (469, 7246), (480, 7273), (510, 7336), (518, 7360), (812, 7876), (862, 7939), (904, 7981), (985, 8095), (1081, 8200), (1168, 8332), (1191, 8359), (1193, 8362), (1196, 8365),

Gene: Jaan_15 Start: 9550, Stop: 11328, Start Num: 96
Candidate Starts for Jaan_15:
(Start: 96 @9550 has 243 MA's), (Start: 120 @9568 has 11 MA's), (200, 9679), (Start: 207 @9691 has 2 MA's), (226, 9733), (231, 9745), (235, 9754), (250, 9778), (300, 9865), (408, 10060), (411, 10063), (432, 10102), (469, 10171), (510, 10261), (518, 10285), (570, 10384), (584, 10417), (733, 10717), (800, 10804), (869, 10903), (901, 10930), (916, 10951), (985, 11047), (1168, 11284), (1191, 11311), (1193, 11314),

Gene: Jabb_3 Start: 676, Stop: 2304, Start Num: 171
Candidate Starts for Jabb_3:
(Start: 171 @676 has 84 MA's), (278, 832), (342, 940), (398, 1024), (415, 1048), (464, 1123), (498, 1174), (500, 1177), (521, 1237), (531, 1255), (542, 1285), (558, 1315), (829, 1771), (838, 1786), (1095, 2137), (1215, 2293),

Gene: Jabiru_9 Start: 6013, Stop: 7764, Start Num: 63
Candidate Starts for Jabiru_9:
(Start: 52 @5986 has 23 MA's), (Start: 63 @6013 has 32 MA's), (Start: 105 @6073 has 1 MA's), (112, 6082), (139, 6121), (196, 6196), (200, 6202), (300, 6334), (339, 6409), (341, 6412), (439, 6586), (449, 6610), (510, 6718), (526, 6763), (565, 6841), (570, 6847), (632, 7012), (647, 7045), (661, 7066), (800, 7240), (812, 7264), (901, 7366), (916, 7387), (954, 7441), (979, 7471), (985, 7483), (1014, 7537), (1167, 7717), (1168, 7720), (1196, 7753), (1202, 7759),

Gene: Jabith_12 Start: 8076, Stop: 9839, Start Num: 96
Candidate Starts for Jabith_12:
(39, 7956), (Start: 96 @8076 has 243 MA's), (Start: 120 @8097 has 11 MA's), (179, 8184), (250, 8313), (262, 8337), (300, 8400), (381, 8544), (408, 8595), (411, 8598), (469, 8709), (479, 8733), (480, 8736), (510, 8799), (513, 8808), (518, 8823), (580, 8940), (584, 8955), (605, 9015), (638, 9099), (806, 9327), (812, 9339), (852, 9387), (862, 9402), (901, 9441), (916, 9462), (942, 9501), (979, 9546), (985, 9558), (1168, 9795), (1191, 9822),

Gene: Jablanski_2 Start: 485, Stop: 2284, Start Num: 71
Candidate Starts for Jablanski_2:
(Start: 71 @485 has 22 MA's), (170, 623), (295, 782), (300, 797), (347, 881), (365, 911), (373, 923), (378, 932), (398, 971), (411, 992), (456, 1076), (495, 1148), (513, 1184), (527, 1220), (571, 1310), (580, 1331), (598, 1382), (608, 1415), (745, 1589), (778, 1616), (800, 1658), (813, 1685), (817, 1691), (862, 1757), (869, 1769), (884, 1796), (959, 1907), (979, 1943), (985, 1955), (1000, 1979), (1011, 2006), (1025, 2030), (1077, 2093), (1105, 2135), (1141, 2192), (1150, 2207), (1165, 2222), (1167, 2225), (1178, 2240), (1204, 2270), (1206, 2273),

Gene: JackSparrow_12 Start: 7288, Stop: 8976, Start Num: 95
Candidate Starts for JackSparrow_12:
(Start: 95 @7288 has 435 MA's), (Start: 258 @7468 has 2 MA's), (311, 7552), (327, 7588), (339, 7615), (411, 7738), (469, 7846), (510, 7936), (518, 7960), (534, 7987), (553, 8035), (591, 8104), (615, 8179), (620, 8191), (644, 8251), (813, 8476), (819, 8485), (832, 8497), (862, 8539), (882, 8560), (908, 8587), (985, 8695), (1070, 8785), (1139, 8890),

Gene: JacoRen57_2 Start: 669, Stop: 2324, Start Num: 143
Candidate Starts for JacoRen57_2:
(Start: 143 @669 has 83 MA's), (200, 732), (Start: 207 @744 has 2 MA's), (300, 861), (330, 918), (405, 1059), (411, 1068), (434, 1116), (514, 1269), (806, 1797), (869, 1890), (959, 1998), (999, 2052), (1001, 2055), (1002, 2058), (1047, 2103), (1122, 2199), (1145, 2238),

Gene: Jahseh_3 Start: 1074, Stop: 2534, Start Num: 149
Candidate Starts for Jahseh_3:
(Start: 149 @1074 has 162 MA's), (Start: 154 @1080 has 4 MA's), (Start: 272 @1242 has 48 MA's), (278, 1251), (315, 1311), (348, 1380), (366, 1401), (394, 1452), (520, 1656), (642, 1869), (649, 1884), (674, 1920), (703, 1962), (739, 1995), (765, 2013), (834, 2133), (835, 2136), (848, 2148), (905, 2223), (944, 2286), (958, 2304), (960, 2307), (1098, 2469), (1104, 2478), (1110, 2487), (1135, 2526),

Gene: JaimeB_3 Start: 1086, Stop: 2546, Start Num: 149
Candidate Starts for JaimeB_3:
(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (642, 1881), (649, 1896), (674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: James_2 Start: 572, Stop: 2209, Start Num: 111

Candidate Starts for James_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (Start: 158 @629 has 2 MA's), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (244, 758), (312, 845), (352, 905), (369, 917), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (601, 1388), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1024, 1979), (1069, 2006), (1094, 2039), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: Jamun_3 Start: 1027, Stop: 2607, Start Num: 182
Candidate Starts for Jamun_3:
(Start: 134 @961 has 16 MA's), (Start: 182 @1027 has 15 MA's), (Start: 246 @1123 has 12 MA's), (252, 1132), (319, 1225), (334, 1264), (342, 1279), (364, 1303), (521, 1576), (526, 1588), (531, 1594), (548, 1636), (559, 1657), (581, 1717), (593, 1747), (599, 1756), (628, 1819), (780, 2035), (787, 2047), (804, 2086), (829, 2113), (838, 2128), (862, 2158), (903, 2197), (909, 2206), (915, 2215), (939, 2251), (982, 2305), (1125, 2515), (1154, 2557), (1190, 2596),

Gene: Jamzy_7 Start: 1492, Stop: 3192, Start Num: 140
Candidate Starts for Jamzy_7:
(Start: 140 @1492 has 9 MA's), (Start: 191 @1546 has 2 MA's), (205, 1567), (219, 1594), (290, 1669), (300, 1705), (341, 1783), (381, 1858), (392, 1882), (411, 1912), (434, 1963), (482, 2062), (532, 2152), (574, 2242), (598, 2296), (623, 2371), (685, 2485), (697, 2509), (708, 2524), (776, 2575), (803, 2641), (806, 2647), (858, 2722), (934, 2818), (959, 2851), (1047, 2956), (1141, 3085), (1142, 3088), (1213, 3178), (1214, 3181),

Gene: Janeemi_3 Start: 1617, Stop: 3323, Start Num: 95
Candidate Starts for Janeemi_3:
(Start: 95 @1617 has 435 MA's), (379, 1989), (411, 2046), (436, 2094), (482, 2184), (570, 2358), (604, 2448), (687, 2571), (710, 2610), (959, 2952), (985, 2988), (997, 3003), (1005, 3021), (1081, 3138), (1136, 3222), (1142, 3234), (1150, 3246),

Gene: JanetJ_3 Start: 1011, Stop: 2603, Start Num: 161
Candidate Starts for JanetJ_3:
(Start: 161 @1011 has 13 MA's), (Start: 191 @1053 has 2 MA's), (330, 1269), (342, 1293), (347, 1299), (496, 1524), (521, 1590), (548, 1650), (559, 1671), (564, 1680), (621, 1782), (625, 1794), (701, 1917), (774, 2001), (907, 2202), (991, 2316), (1190, 2592),

Gene: Jannah_3 Start: 1074, Stop: 2534, Start Num: 149
Candidate Starts for Jannah_3:
(Start: 149 @1074 has 162 MA's), (Start: 154 @1080 has 4 MA's), (Start: 272 @1242 has 48 MA's), (278, 1251), (315, 1311), (348, 1380), (366, 1401), (394, 1452), (520, 1656), (642, 1869), (649, 1884), (674, 1920), (703, 1962), (739, 1995), (765, 2013), (834, 2133), (835, 2136), (848, 2148), (905, 2223), (944, 2286), (958, 2304), (960, 2307), (1098, 2469), (1104, 2478), (1110, 2487), (1135, 2526),

Gene: Jant_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Jant_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796),

(901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Janus_7 Start: 2523, Stop: 4169, Start Num: 73
Candidate Starts for Janus_7:
(Start: 73 @2523 has 95 MA's), (295, 2766), (300, 2781), (311, 2793), (378, 2919), (400, 2961), (403, 2967), (413, 2982), (458, 3069), (497, 3141), (510, 3165), (556, 3264), (574, 3300), (584, 3318), (648, 3441), (673, 3477), (806, 3639), (811, 3648), (852, 3711), (901, 3765), (959, 3846), (985, 3885), (1001, 3906), (1010, 3930), (1141, 4083), (1142, 4086),

Gene: Jarcob_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for Jarcob_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (Start: 158 @629 has 2 MA's), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (244, 758), (312, 845), (352, 905), (369, 917), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (601, 1388), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (934, 1844), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1024, 1979), (1069, 2006), (1094, 2039), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: Jash_7 Start: 2580, Stop: 4208, Start Num: 86
Candidate Starts for Jash_7:
(Start: 73 @2562 has 95 MA's), (Start: 86 @2580 has 10 MA's), (283, 2784), (326, 2865), (400, 3000), (413, 3021), (437, 3066), (458, 3108), (497, 3180), (510, 3204), (550, 3291), (556, 3303), (584, 3357), (638, 3456), (673, 3516), (806, 3678), (811, 3687), (869, 3777), (906, 3810), (957, 3882), (959, 3885), (985, 3924), (1001, 3945), (1003, 3951), (1010, 3969), (1105, 4065), (1142, 4125),

Gene: JasmineDragon_2 Start: 550, Stop: 2277, Start Num: 93
Candidate Starts for JasmineDragon_2:
(59, 490), (Start: 93 @550 has 92 MA's), (Start: 191 @661 has 2 MA's), (367, 925), (373, 934), (400, 985), (411, 1003), (436, 1051), (482, 1144), (813, 1720), (929, 1873), (985, 1948), (997, 1963), (1081, 2092), (1150, 2200), (1201, 2263),

Gene: Jasper_12 Start: 6843, Stop: 8531, Start Num: 95
Candidate Starts for Jasper_12:
(Start: 95 @6843 has 435 MA's), (Start: 258 @7023 has 2 MA's), (311, 7107), (327, 7143), (411, 7293), (469, 7401), (510, 7491), (518, 7515), (553, 7590), (591, 7659), (620, 7746), (644, 7806), (819, 8040), (832, 8052), (862, 8094), (882, 8115), (908, 8142), (985, 8250), (1070, 8340), (1139, 8445),

Gene: Jaykayelowell_11 Start: 6883, Stop: 8580, Start Num: 95
Candidate Starts for Jaykayelowell_11:
(Start: 95 @6883 has 435 MA's), (Start: 122 @6907 has 1 MA's), (Start: 207 @7030 has 2 MA's), (293, 7120), (311, 7153), (362, 7252), (408, 7336), (411, 7339), (432, 7378), (469, 7447), (479, 7471), (510, 7537), (550, 7627), (620, 7792), (661, 7879), (685, 7912), (740, 7978), (798, 8050), (800, 8053), (812, 8077), (852, 8128), (862, 8143), (901, 8182), (916, 8203), (985, 8299), (1168, 8536), (1193, 8566), (1196, 8569),

Gene: Jaylociraptor_8 Start: 3146, Stop: 4891, Start Num: 187
Candidate Starts for Jaylociraptor_8:
(Start: 187 @3146 has 203 MA's), (229, 3200), (231, 3203), (252, 3239), (254, 3245), (380, 3479), (430, 3578), (444, 3620), (454, 3641), (476, 3683), (480, 3695), (522, 3794), (530, 3812), (545, 3848),

(634, 4073), (644, 4097), (647, 4103), (726, 4226), (771, 4295), (863, 4412), (866, 4418), (876, 4439), (929, 4508), (931, 4511), (962, 4562), (1012, 4649), (1059, 4715), (1071, 4739), (1080, 4751), (1094, 4769), (1136, 4841), (1139, 4844),

Gene: Jazzy4900_9 Start: 3738, Stop: 5486, Start Num: 187
Candidate Starts for Jazzy4900_9:
(Start: 174 @3720 has 5 MA's), (Start: 187 @3738 has 203 MA's), (231, 3795), (254, 3837), (413, 4134), (430, 4170), (444, 4212), (454, 4233), (492, 4302), (503, 4326), (530, 4404), (533, 4410), (578, 4518), (604, 4590), (618, 4626), (634, 4665), (644, 4689), (704, 4794), (726, 4818), (778, 4902), (803, 4950), (868, 5016), (871, 5022), (879, 5040), (929, 5103), (931, 5106), (952, 5142), (1045, 5277), (1051, 5286), (1055, 5295), (1059, 5310), (1071, 5334), (1080, 5346), (1114, 5394), (1136, 5436), (1139, 5439),

Gene: JeNeSaisPas_15 Start: 8116, Stop: 9900, Start Num: 187
Candidate Starts for JeNeSaisPas_15:
(Start: 183 @8110 has 2 MA's), (Start: 187 @8116 has 203 MA's), (254, 8215), (345, 8389), (388, 8464), (413, 8512), (444, 8590), (451, 8608), (454, 8611), (492, 8680), (530, 8782), (549, 8827), (555, 8839), (578, 8896), (604, 8968), (644, 9067), (680, 9124), (685, 9139), (726, 9196), (771, 9265), (778, 9277), (833, 9370), (868, 9430), (876, 9448), (879, 9454), (929, 9517), (931, 9520), (954, 9559), (1045, 9691), (1059, 9724), (1071, 9748), (1080, 9760), (1094, 9778), (1136, 9850), (1139, 9853),

Gene: Jeeves_11 Start: 6561, Stop: 8318, Start Num: 96
Candidate Starts for Jeeves_11:
(Start: 96 @6561 has 243 MA's), (Start: 182 @6669 has 15 MA's), (200, 6693), (231, 6759), (235, 6768), (250, 6792), (283, 6843), (327, 6927), (408, 7074), (411, 7077), (469, 7188), (479, 7212), (510, 7278), (518, 7302), (550, 7368), (584, 7434), (622, 7542), (659, 7617), (737, 7719), (800, 7794), (806, 7806), (812, 7818), (813, 7821), (862, 7881), (901, 7920), (916, 7941), (985, 8037), (1168, 8274), (1191, 8301),

Gene: Jeffabunny_15 Start: 7536, Stop: 9290, Start Num: 96
Candidate Starts for Jeffabunny_15:
(Start: 96 @7536 has 243 MA's), (250, 7767), (283, 7818), (300, 7854), (339, 7929), (411, 8052), (432, 8091), (469, 8160), (479, 8184), (480, 8187), (510, 8250), (518, 8274), (570, 8373), (571, 8376), (583, 8403), (584, 8406), (740, 8691), (806, 8778), (812, 8790), (862, 8853), (901, 8892), (916, 8913), (979, 8997), (985, 9009), (1168, 9246), (1191, 9273), (1193, 9276),

Gene: Jella_3 Start: 1098, Stop: 2558, Start Num: 149
Candidate Starts for Jella_3:
(Start: 149 @1098 has 162 MA's), (Start: 154 @1104 has 4 MA's), (Start: 272 @1266 has 48 MA's), (278, 1275), (315, 1335), (348, 1404), (366, 1425), (394, 1476), (520, 1680), (642, 1893), (649, 1908), (674, 1944), (703, 1986), (739, 2019), (765, 2037), (834, 2157), (835, 2160), (848, 2172), (905, 2247), (944, 2310), (958, 2328), (960, 2331), (1098, 2493), (1104, 2502), (1110, 2511), (1135, 2550),

Gene: JenCasNa_13 Start: 6955, Stop: 8655, Start Num: 102
Candidate Starts for JenCasNa_13:
(Start: 102 @6955 has 88 MA's), (137, 7003), (253, 7138), (362, 7330), (411, 7417), (431, 7453), (510, 7615), (550, 7705), (583, 7768), (644, 7930), (800, 8128), (812, 8152), (813, 8155), (862, 8218), (882, 8239), (916, 8278), (985, 8374), (1014, 8428), (1070, 8464), (1168, 8611), (1193, 8641), (1196, 8644),

Gene: Jennelsea_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for Jennelsea_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (Start: 158 @629 has 2 MA's), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (244, 758), (312, 845),

(352, 905), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (601, 1388), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1024, 1979), (1069, 2006), (1094, 2039), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: JeppNRM_14 Start: 7027, Stop: 8727, Start Num: 102
Candidate Starts for JeppNRM_14:
(Start: 102 @7027 has 88 MA's), (137, 7075), (Start: 191 @7147 has 2 MA's), (253, 7210), (302, 7294), (411, 7489), (510, 7687), (550, 7777), (583, 7840), (598, 7879), (644, 8002), (800, 8200), (812, 8224), (813, 8227), (862, 8290), (869, 8302), (882, 8311), (916, 8350), (985, 8446), (1014, 8500), (1070, 8536), (1168, 8683), (1193, 8713), (1196, 8716),

Gene: Jeremy4pt0_8 Start: 3618, Stop: 5366, Start Num: 187
Candidate Starts for Jeremy4pt0_8:
(Start: 174 @3600 has 5 MA's), (Start: 187 @3618 has 203 MA's), (252, 3711), (254, 3717), (292, 3774), (322, 3837), (413, 4014), (444, 4092), (454, 4113), (506, 4215), (530, 4284), (604, 4470), (634, 4545), (644, 4569), (704, 4674), (726, 4698), (778, 4782), (868, 4896), (876, 4914), (929, 4983), (931, 4986), (962, 5037), (992, 5079), (1051, 5166), (1060, 5193), (1071, 5214), (1080, 5226), (1094, 5244), (1139, 5319),

Gene: Jerky_3 Start: 1155, Stop: 2615, Start Num: 149
Candidate Starts for Jerky_3:
(Start: 149 @1155 has 162 MA's), (Start: 154 @1161 has 4 MA's), (Start: 272 @1323 has 48 MA's), (278, 1332), (315, 1392), (348, 1461), (366, 1482), (394, 1533), (520, 1737), (592, 1872), (642, 1950), (649, 1965), (674, 2001), (703, 2043), (739, 2076), (765, 2094), (834, 2214), (835, 2217), (848, 2229), (905, 2304), (944, 2367), (958, 2385), (960, 2388), (1098, 2550), (1104, 2559), (1110, 2568),

Gene: Jerm_14 Start: 7848, Stop: 9635, Start Num: 96
Candidate Starts for Jerm_14:
(Start: 96 @7848 has 243 MA's), (179, 7956), (193, 7977), (227, 8043), (229, 8049), (250, 8085), (262, 8109), (300, 8172), (408, 8367), (411, 8370), (469, 8478), (510, 8568), (518, 8592), (553, 8667), (580, 8709), (584, 8724), (733, 9024), (869, 9210), (901, 9237), (916, 9258), (985, 9354), (1168, 9591), (1193, 9621),

Gene: Jerm2_12 Start: 7221, Stop: 8909, Start Num: 107
Candidate Starts for Jerm2_12:
(Start: 107 @7221 has 24 MA's), (253, 7392), (Start: 258 @7401 has 2 MA's), (311, 7485), (324, 7512), (327, 7521), (411, 7671), (430, 7704), (469, 7779), (510, 7869), (518, 7893), (534, 7920), (553, 7968), (620, 8124), (644, 8184), (813, 8409), (819, 8418), (832, 8430), (862, 8472), (882, 8493), (908, 8520), (985, 8628), (1070, 8718), (1139, 8823),

Gene: Jerole_4 Start: 1013, Stop: 2494, Start Num: 246
Candidate Starts for Jerole_4:
(Start: 134 @848 has 16 MA's), (Start: 246 @1013 has 12 MA's), (Start: 272 @1052 has 48 MA's), (313, 1103), (319, 1115), (333, 1151), (342, 1169), (464, 1352), (521, 1466), (526, 1478), (548, 1526), (559, 1547), (569, 1562), (589, 1619), (787, 1934), (829, 2000), (837, 2012), (862, 2045), (903, 2084), (909, 2093), (912, 2096), (956, 2162), (982, 2192), (1008, 2237), (1038, 2279), (1054, 2306), (1055, 2309), (1125, 2402), (1129, 2408), (1144, 2429), (1151, 2441), (1187, 2480), (1190, 2483),

Gene: Jessica_5 Start: 800, Stop: 2290, Start Num: 146
Candidate Starts for Jessica_5:

(Start: 146 @800 has 40 MA's), (181, 845), (255, 947), (267, 965), (274, 974), (313, 1025), (315, 1028), (319, 1037), (330, 1067), (345, 1094), (415, 1193), (474, 1292), (486, 1316), (488, 1319), (491, 1322), (513, 1367), (650, 1601), (692, 1649), (694, 1661), (728, 1700), (748, 1718), (768, 1730), (770, 1733), (781, 1754), (785, 1760), (789, 1772), (838, 1850), (874, 1904), (930, 1958), (940, 1970), (970, 2015), (1005, 2063), (1081, 2147), (1125, 2204), (1175, 2273),

Gene: Jester_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Jester_8:
(Start: 104 @3156 has 36 MA's), (Start: 258 @3342 has 2 MA's), (300, 3414), (311, 3426), (323, 3450), (327, 3462), (420, 3630), (449, 3690), (510, 3798), (618, 4053), (647, 4125), (778, 4269), (800, 4311), (817, 4344), (869, 4413), (985, 4557), (1010, 4602), (1081, 4662), (1168, 4794), (1191, 4821), (1193, 4824), (1196, 4827),

Gene: JetBlade_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for JetBlade_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Jevington_8 Start: 2746, Stop: 4392, Start Num: 73
Candidate Starts for Jevington_8:
(Start: 73 @2746 has 95 MA's), (Start: 207 @2896 has 2 MA's), (311, 3016), (323, 3040), (326, 3049), (378, 3142), (381, 3148), (386, 3157), (400, 3184), (413, 3205), (458, 3292), (497, 3364), (510, 3388), (556, 3487), (574, 3523), (584, 3541), (616, 3628), (648, 3664), (673, 3700), (800, 3850), (811, 3871), (869, 3961), (901, 3988), (959, 4069), (985, 4108), (1001, 4129), (1010, 4153), (1081, 4213), (1142, 4309),

Gene: JewelBug_15 Start: 7534, Stop: 9288, Start Num: 96
Candidate Starts for JewelBug_15:
(Start: 96 @7534 has 243 MA's), (250, 7765), (283, 7816), (300, 7852), (339, 7927), (411, 8050), (432, 8089), (469, 8158), (479, 8182), (480, 8185), (510, 8248), (518, 8272), (570, 8371), (571, 8374), (583, 8401), (584, 8404), (740, 8689), (806, 8776), (812, 8788), (862, 8851), (901, 8890), (916, 8911), (979, 8995), (985, 9007), (1168, 9244), (1191, 9271), (1193, 9274),

Gene: Jhitchelle_5 Start: 2144, Stop: 3790, Start Num: 73
Candidate Starts for Jhitchelle_5:
(Start: 68 @2135 has 2 MA's), (Start: 73 @2144 has 95 MA's), (Start: 74 @2147 has 1 MA's), (Start: 86 @2162 has 10 MA's), (150, 2216), (283, 2366), (300, 2402), (311, 2414), (326, 2447), (365, 2519), (378, 2540), (386, 2555), (400, 2582), (405, 2591), (413, 2603), (458, 2690), (480, 2738), (482, 2741), (497, 2762), (510, 2786), (556, 2885), (638, 3038), (673, 3098), (800, 3248), (811, 3269), (901, 3386), (985, 3506), (1003, 3533), (1010, 3551), (1072, 3599), (1142, 3707),

Gene: Jiawan_12 Start: 8277, Stop: 9932, Start Num: 200
Candidate Starts for Jiawan_12:
(Start: 96 @8145 has 243 MA's), (Start: 114 @8160 has 11 MA's), (Start: 120 @8166 has 11 MA's), (200, 8277), (250, 8376), (339, 8538), (381, 8610), (411, 8664), (432, 8703), (469, 8775), (510, 8865), (518, 8889), (580, 9006), (584, 9021), (622, 9129), (659, 9204), (685, 9240), (717, 9300), (806, 9420), (817, 9441), (852, 9480), (901, 9534), (904, 9537), (916, 9555), (954, 9609), (979, 9639), (985, 9651), (1070, 9741), (1083, 9759), (1168, 9888), (1191, 9915), (1193, 9918),

Gene: Jifall16_23 Start: 12784, Stop: 14511, Start Num: 110

Candidate Starts for Jifall16_23:
(22, 12550), (49, 12679), (Start: 110 @12784 has 12 MA's), (222, 12934), (247, 12985), (251, 12991), (281, 13030), (299, 13060), (315, 13084), (324, 13102), (332, 13129), (359, 13192), (369, 13210), (514, 13495), (523, 13522), (565, 13606), (604, 13690), (608, 13702), (621, 13735), (675, 13813), (741, 13891), (800, 13963), (818, 13996), (855, 14059), (869, 14086), (893, 14110), (908, 14134), (988, 14233), (1013, 14281), (1139, 14419), (1157, 14449), (1200, 14503),

Gene: Jinglebell_2 Start: 581, Stop: 2218, Start Num: 111
Candidate Starts for Jinglebell_2:
(Start: 103 @578 has 1 MA's), (Start: 111 @581 has 202 MA's), (Start: 129 @605 has 79 MA's), (Start: 158 @638 has 2 MA's), (Start: 185 @662 has 2 MA's), (188, 665), (224, 728), (244, 767), (312, 854), (315, 860), (352, 914), (377, 938), (381, 947), (383, 950), (392, 971), (404, 992), (440, 1064), (461, 1103), (502, 1172), (505, 1178), (514, 1208), (515, 1211), (518, 1220), (523, 1235), (534, 1253), (557, 1304), (601, 1397), (604, 1406), (711, 1577), (726, 1589), (800, 1673), (816, 1703), (818, 1706), (820, 1709), (869, 1766), (884, 1781), (889, 1787), (893, 1790), (901, 1805), (908, 1814), (957, 1883), (982, 1913), (988, 1922), (1006, 1955), (1024, 1988), (1069, 2015), (1094, 2048), (1107, 2069), (1112, 2075), (1114, 2078), (1127, 2099), (1139, 2123), (1142, 2132), (1145, 2135), (1184, 2192),

Gene: JoBros_3 Start: 1074, Stop: 2534, Start Num: 149
Candidate Starts for JoBros_3:
(Start: 149 @1074 has 162 MA's), (Start: 154 @1080 has 4 MA's), (Start: 272 @1242 has 48 MA's), (278, 1251), (315, 1311), (348, 1380), (366, 1401), (394, 1452), (520, 1656), (642, 1869), (649, 1884), (674, 1920), (703, 1962), (739, 1995), (765, 2013), (834, 2133), (835, 2136), (848, 2148), (905, 2223), (944, 2286), (958, 2304), (960, 2307), (1098, 2469), (1104, 2478), (1110, 2487), (1135, 2526),

Gene: Joann_5 Start: 3072, Stop: 4637, Start Num: 129
Candidate Starts for Joann_5:
(Start: 129 @3072 has 79 MA's), (Start: 246 @3246 has 12 MA's), (Start: 268 @3282 has 4 MA's), (313, 3336), (317, 3345), (330, 3378), (342, 3402), (364, 3426), (425, 3528), (485, 3642), (496, 3657), (500, 3663), (521, 3723), (548, 3783), (625, 3882), (637, 3912), (642, 3927), (672, 3975), (768, 4095), (804, 4170), (834, 4203), (861, 4239), (923, 4314), (939, 4335), (982, 4356), (1022, 4425), (1095, 4503), (1122, 4542), (1144, 4572), (1151, 4584), (1192, 4623), (1204, 4632),

Gene: Jobu08_13 Start: 7026, Stop: 8726, Start Num: 102
Candidate Starts for Jobu08_13:
(Start: 102 @7026 has 88 MA's), (137, 7074), (253, 7209), (362, 7401), (411, 7488), (510, 7686), (550, 7776), (583, 7839), (644, 8001), (800, 8199), (812, 8223), (813, 8226), (862, 8289), (882, 8310), (916, 8349), (985, 8445), (1014, 8499), (1070, 8535), (1168, 8682), (1193, 8712), (1196, 8715),

Gene: Jobypre_5 Start: 1190, Stop: 2755, Start Num: 93
Candidate Starts for Jobypre_5:
(64, 1139), (Start: 68 @1148 has 2 MA's), (Start: 93 @1190 has 92 MA's), (Start: 99 @1196 has 9 MA's), (238, 1367), (254, 1397), (313, 1472), (316, 1478), (319, 1484), (413, 1640), (419, 1649), (420, 1652), (422, 1655), (464, 1730), (494, 1784), (496, 1787), (498, 1790), (637, 2021), (685, 2096), (694, 2117), (699, 2123), (759, 2192), (776, 2216), (786, 2234), (790, 2249), (867, 2363), (907, 2402), (912, 2408), (962, 2474), (1001, 2528), (1016, 2564), (1024, 2576), (1078, 2615), (1143, 2702), (1181, 2747), (1183, 2750),

Gene: Jodelie19_17 Start: 10505, Stop: 12250, Start Num: 187
Candidate Starts for Jodelie19_17:
(Start: 187 @10505 has 203 MA's), (195, 10511), (252, 10598), (254, 10604), (274, 10640), (302, 10694), (361, 10796), (395, 10871), (419, 10913), (444, 10979), (454, 11000), (492, 11069), (530, 11171), (555, 11228), (578, 11285), (582, 11297), (604, 11357), (644, 11456), (647, 11462), (682,

11519), (726, 11585), (863, 11771), (868, 11780), (916, 11846), (929, 11867), (931, 11870), (1051, 12050), (1069, 12095), (1071, 12098), (1080, 12110), (1136, 12200), (1139, 12203),

Gene: JoeDirt_4 Start: 1059, Stop: 2636, Start Num: 99
Candidate Starts for JoeDirt_4:
(Start: 93 @1053 has 92 MA's), (Start: 99 @1059 has 9 MA's), (238, 1230), (304, 1317), (313, 1335), (316, 1341), (330, 1377), (420, 1515), (422, 1518), (464, 1593), (494, 1647), (496, 1650), (498, 1653), (591, 1821), (632, 1875), (637, 1884), (643, 1899), (653, 1920), (685, 1959), (694, 1980), (699, 1986), (722, 2013), (759, 2055), (776, 2079), (786, 2097), (789, 2106), (790, 2112), (804, 2145), (834, 2178), (862, 2217), (865, 2223), (867, 2226), (912, 2271), (962, 2337), (999, 2388), (1005, 2403), (1008, 2412), (1016, 2427), (1018, 2430), (1125, 2532), (1140, 2559), (1181, 2610), (1183, 2613),

Gene: Joemato_2 Start: 533, Stop: 2239, Start Num: 95
Candidate Starts for Joemato_2:
(Start: 95 @533 has 435 MA's), (379, 905), (411, 962), (436, 1010), (482, 1100), (513, 1154), (570, 1274), (604, 1364), (710, 1526), (800, 1649), (985, 1904), (997, 1919), (1024, 1973), (1081, 2054), (1136, 2138), (1150, 2162),

Gene: JoeyJr_2 Start: 571, Stop: 2208, Start Num: 111
Candidate Starts for JoeyJr_2:
(Start: 111 @571 has 202 MA's), (Start: 118 @580 has 1 MA's), (Start: 129 @595 has 79 MA's), (Start: 185 @652 has 2 MA's), (188, 655), (224, 718), (244, 757), (312, 844), (352, 904), (369, 916), (377, 928), (381, 937), (383, 940), (392, 961), (404, 982), (440, 1054), (461, 1093), (502, 1162), (505, 1168), (514, 1198), (515, 1201), (518, 1210), (523, 1225), (534, 1243), (557, 1294), (601, 1387), (604, 1396), (711, 1567), (726, 1579), (800, 1663), (816, 1693), (818, 1696), (820, 1699), (869, 1756), (884, 1771), (889, 1777), (893, 1780), (901, 1795), (908, 1804), (957, 1873), (982, 1903), (988, 1912), (1006, 1945), (1024, 1978), (1069, 2005), (1094, 2038), (1114, 2068), (1127, 2089), (1139, 2113), (1142, 2122), (1145, 2125), (1184, 2182),

Gene: JohnDoe_2 Start: 533, Stop: 2239, Start Num: 95
Candidate Starts for JohnDoe_2:
(Start: 95 @533 has 435 MA's), (379, 905), (411, 962), (436, 1010), (482, 1100), (513, 1154), (570, 1274), (604, 1364), (710, 1526), (800, 1649), (985, 1904), (997, 1919), (1081, 2054), (1136, 2138), (1150, 2162),

Gene: JohnThicc_2 Start: 553, Stop: 2268, Start Num: 93
Candidate Starts for JohnThicc_2:
(Start: 93 @553 has 92 MA's), (Start: 191 @652 has 2 MA's), (373, 925), (400, 976), (411, 994), (436, 1042), (440, 1054), (482, 1135), (570, 1309), (603, 1396), (687, 1522), (813, 1711), (869, 1795), (985, 1939), (997, 1954), (1081, 2083), (1150, 2191), (1201, 2254),

Gene: Johnathan_3 Start: 689, Stop: 2317, Start Num: 171
Candidate Starts for Johnathan_3:
(Start: 171 @689 has 84 MA's), (278, 845), (342, 953), (378, 998), (387, 1016), (398, 1037), (415, 1061), (464, 1136), (498, 1187), (500, 1190), (521, 1250), (531, 1268), (542, 1298), (558, 1328), (829, 1784), (838, 1799), (1035, 2054), (1095, 2150), (1129, 2198), (1215, 2306),

Gene: JoieB_36 Start: 11144, Stop: 12886, Start Num: 143
Candidate Starts for JoieB_36:
(Start: 143 @11144 has 83 MA's), (253, 11261), (283, 11306), (305, 11372), (306, 11387), (323, 11420), (324, 11423), (329, 11438), (341, 11462), (342, 11465), (362, 11495), (375, 11516), (378, 11534), (383, 11543), (402, 11579), (411, 11594), (434, 11639), (458, 11681), (477, 11720), (482, 11732), (497, 11753), (519, 11804), (534, 11825), (635, 12047), (697, 12152), (704, 12161), (749,

12194), (776, 12215), (778, 12218), (789, 12245), (800, 12275), (806, 12287), (813, 12302), (819, 12311), (825, 12317), (852, 12359), (858, 12368), (865, 12383), (882, 12398), (929, 12458), (954, 12497), (980, 12530), (1001, 12560), (1002, 12563), (1040, 12647), (1081, 12701), (1092, 12716), (1113, 12743), (1142, 12797), (1211, 12869), (1213, 12872),

Gene: Jojo24_2 Start: 521, Stop: 2098, Start Num: 161
Candidate Starts for Jojo24_2:
(Start: 161 @521 has 13 MA's), (285, 704), (316, 743), (319, 749), (330, 779), (398, 887), (437, 956), (464, 986), (532, 1121), (544, 1151), (547, 1157), (548, 1160), (692, 1427), (699, 1442), (701, 1445), (709, 1457), (765, 1517), (789, 1562), (796, 1580), (801, 1589), (822, 1619), (912, 1712), (923, 1733), (930, 1742), (978, 1802), (995, 1826), (1057, 1922), (1129, 2015), (1144, 2033), (1190, 2087),

Gene: JooneeDee_3 Start: 1104, Stop: 2564, Start Num: 149
Candidate Starts for JooneeDee_3:
(Start: 149 @1104 has 162 MA's), (Start: 154 @1110 has 4 MA's), (Start: 272 @1272 has 48 MA's), (278, 1281), (315, 1341), (348, 1410), (366, 1431), (394, 1482), (520, 1686), (592, 1821), (642, 1899), (649, 1914), (661, 1932), (674, 1950), (703, 1992), (739, 2025), (765, 2043), (834, 2163), (835, 2166), (848, 2178), (857, 2190), (862, 2202), (905, 2253), (941, 2310), (944, 2316), (949, 2325), (958, 2334), (960, 2337), (1098, 2499), (1104, 2508), (1110, 2517), (1135, 2556),

Gene: JoongJeon_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for JoongJeon_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Jordennis_15 Start: 7523, Stop: 9277, Start Num: 96
Candidate Starts for Jordennis_15:
(Start: 96 @7523 has 243 MA's), (250, 7754), (283, 7805), (300, 7841), (339, 7916), (411, 8039), (432, 8078), (469, 8147), (479, 8171), (480, 8174), (510, 8237), (518, 8261), (583, 8390), (584, 8393), (623, 8504), (732, 8666), (800, 8753), (806, 8765), (812, 8777), (852, 8825), (862, 8840), (901, 8879), (916, 8900), (979, 8984), (985, 8996), (1168, 9233), (1191, 9260), (1193, 9263),

Gene: Jorgensen_11 Start: 6804, Stop: 8492, Start Num: 95
Candidate Starts for Jorgensen_11:
(Start: 95 @6804 has 435 MA's), (Start: 258 @6984 has 2 MA's), (311, 7068), (327, 7104), (411, 7254), (469, 7362), (510, 7452), (518, 7476), (534, 7503), (553, 7551), (620, 7707), (644, 7767), (819, 8001), (832, 8013), (862, 8055), (882, 8076), (908, 8103), (985, 8211), (1070, 8301), (1139, 8406),

Gene: Joselito_12 Start: 8024, Stop: 9787, Start Num: 96
Candidate Starts for Joselito_12:
(Start: 96 @8024 has 243 MA's), (Start: 120 @8045 has 11 MA's), (179, 8132), (250, 8261), (262, 8285), (300, 8348), (381, 8492), (408, 8543), (411, 8546), (469, 8657), (479, 8681), (480, 8684), (510, 8747), (513, 8756), (518, 8771), (580, 8888), (584, 8903), (605, 8963), (638, 9047), (806, 9275), (812, 9287), (852, 9335), (862, 9350), (901, 9389), (916, 9410), (942, 9449), (979, 9494), (985, 9506), (1168, 9743), (1191, 9770),

Gene: JoshKayV_14 Start: 7836, Stop: 9626, Start Num: 96
Candidate Starts for JoshKayV_14:
(Start: 96 @7836 has 243 MA's), (179, 7944), (193, 7965), (250, 8073), (300, 8160), (411, 8361), (469, 8469), (510, 8559), (518, 8583), (580, 8700), (584, 8715), (733, 9015), (869, 9201), (901, 9228), (916,

9249), (985, 9345), (1168, 9582), (1193, 9612),

Gene: Josuke_3 Start: 1086, Stop: 2546, Start Num: 149
Candidate Starts for Josuke_3:
(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (642, 1881), (649, 1896), (674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: Journey13_10 Start: 6587, Stop: 8341, Start Num: 96
Candidate Starts for Journey13_10:
(Start: 96 @6587 has 243 MA's), (Start: 207 @6731 has 2 MA's), (250, 6818), (300, 6905), (408, 7100), (411, 7103), (432, 7142), (469, 7211), (510, 7301), (518, 7325), (570, 7424), (571, 7427), (583, 7454), (584, 7457), (737, 7742), (800, 7817), (806, 7829), (812, 7841), (852, 7889), (862, 7904), (916, 7964), (979, 8048), (985, 8060), (1168, 8297), (1191, 8324), (1193, 8327), (1196, 8330),

Gene: Jovita_3 Start: 802, Stop: 2430, Start Num: 171
Candidate Starts for Jovita_3:
(Start: 171 @802 has 84 MA's), (278, 958), (342, 1066), (398, 1150), (415, 1174), (425, 1192), (464, 1249), (498, 1300), (500, 1303), (521, 1363), (531, 1381), (542, 1411), (558, 1441), (829, 1897), (838, 1912), (1095, 2263), (1215, 2419),

Gene: Jovo_9 Start: 6297, Stop: 8048, Start Num: 63
Candidate Starts for Jovo_9:
(Start: 52 @6270 has 23 MA's), (Start: 63 @6297 has 32 MA's), (112, 6366), (196, 6480), (200, 6486), (300, 6618), (339, 6693), (341, 6696), (420, 6831), (439, 6870), (449, 6894), (510, 7002), (526, 7047), (565, 7125), (570, 7131), (632, 7296), (647, 7329), (661, 7350), (800, 7524), (812, 7548), (813, 7551), (862, 7611), (869, 7623), (901, 7650), (916, 7671), (979, 7755), (985, 7767), (1168, 8004), (1196, 8037), (1202, 8043),

Gene: JoyLin_12 Start: 8663, Stop: 10423, Start Num: 187
Candidate Starts for JoyLin_12:
(Start: 183 @8657 has 2 MA's), (Start: 184 @8660 has 4 MA's), (Start: 187 @8663 has 203 MA's), (204, 8684), (229, 8717), (243, 8738), (252, 8756), (254, 8762), (287, 8813), (292, 8819), (391, 9017), (399, 9035), (413, 9059), (429, 9092), (444, 9137), (454, 9158), (530, 9329), (545, 9365), (584, 9461), (588, 9467), (604, 9515), (644, 9614), (665, 9650), (682, 9677), (685, 9686), (726, 9743), (771, 9827), (778, 9839), (868, 9953), (929, 10040), (931, 10043), (1012, 10181), (1059, 10247), (1060, 10250), (1071, 10271), (1080, 10283), (1133, 10364), (1139, 10376),

Gene: Jsquared_11 Start: 6331, Stop: 8112, Start Num: 96
Candidate Starts for Jsquared_11:
(28, 6172), (Start: 96 @6331 has 243 MA's), (Start: 207 @6475 has 2 MA's), (227, 6520), (250, 6562), (262, 6586), (300, 6649), (329, 6703), (408, 6844), (411, 6847), (432, 6886), (469, 6955), (510, 7045), (518, 7069), (583, 7198), (584, 7201), (716, 7474), (901, 7714), (916, 7735), (979, 7819), (985, 7831), (1168, 8068), (1191, 8095), (1193, 8098), (1196, 8101),

Gene: Jstan_2 Start: 534, Stop: 2240, Start Num: 95
Candidate Starts for Jstan_2:
(Start: 95 @534 has 435 MA's), (Start: 191 @621 has 2 MA's), (379, 906), (411, 963), (422, 984), (436, 1011), (482, 1101), (513, 1155), (532, 1200), (570, 1275), (604, 1365), (687, 1488), (710, 1527), (800, 1650), (929, 1830), (954, 1863), (985, 1905), (997, 1920), (1081, 2055), (1105, 2091), (1142, 2151), (1150, 2163),

Gene: Jubie_5 Start: 1190, Stop: 2755, Start Num: 93
Candidate Starts for Jubie_5:
(64, 1139), (Start: 68 @1148 has 2 MA's), (Start: 93 @1190 has 92 MA's), (Start: 99 @1196 has 9 MA's), (238, 1367), (254, 1397), (313, 1472), (316, 1478), (319, 1484), (413, 1640), (419, 1649), (420, 1652), (422, 1655), (464, 1730), (494, 1784), (496, 1787), (498, 1790), (637, 2021), (685, 2096), (694, 2117), (699, 2123), (759, 2192), (776, 2216), (786, 2234), (790, 2249), (867, 2363), (907, 2402), (912, 2408), (962, 2474), (1001, 2528), (1016, 2564), (1024, 2576), (1078, 2615), (1143, 2702), (1181, 2747), (1183, 2750),

Gene: Judy_2 Start: 625, Stop: 2373, Start Num: 201
Candidate Starts for Judy_2:
(164, 574), (180, 601), (Start: 201 @625 has 43 MA's), (266, 718), (340, 859), (344, 865), (364, 898), (366, 901), (377, 919), (397, 961), (437, 1039), (447, 1063), (456, 1075), (476, 1114), (487, 1135), (506, 1168), (541, 1261), (614, 1420), (620, 1435), (641, 1474), (700, 1570), (802, 1747), (810, 1762), (824, 1786), (942, 1969), (959, 1996), (973, 2020), (980, 2038), (994, 2068), (1023, 2125), (1042, 2152), (1066, 2176), (1073, 2185), (1114, 2236), (1142, 2290),

Gene: Juicebox_3 Start: 1306, Stop: 2937, Start Num: 126
Candidate Starts for Juicebox_3:
(123, 1303), (Start: 126 @1306 has 2 MA's), (137, 1315), (326, 1573), (373, 1663), (400, 1714), (403, 1720), (411, 1732), (532, 1972), (568, 2044), (598, 2119), (630, 2179), (697, 2284), (723, 2308), (776, 2350), (806, 2407), (813, 2422), (825, 2437), (884, 2470), (999, 2650), (1026, 2707), (1075, 2746), (1141, 2848), (1150, 2863), (1199, 2926),

Gene: JulesRay_13 Start: 7494, Stop: 9239, Start Num: 187
Candidate Starts for JulesRay_13:
(Start: 187 @7494 has 203 MA's), (195, 7500), (252, 7587), (254, 7593), (274, 7629), (302, 7683), (353, 7779), (444, 7968), (451, 7986), (454, 7989), (492, 8058), (530, 8160), (545, 8196), (555, 8217), (570, 8241), (588, 8298), (604, 8346), (630, 8412), (644, 8445), (647, 8451), (665, 8481), (680, 8502), (726, 8574), (868, 8769), (916, 8835), (929, 8856), (931, 8859), (968, 8919), (1045, 9030), (1060, 9066), (1071, 9087), (1080, 9099), (1112, 9144), (1114, 9147), (1136, 9189), (1139, 9192),

Gene: JuliaChild_13 Start: 7479, Stop: 9167, Start Num: 95
Candidate Starts for JuliaChild_13:
(Start: 95 @7479 has 435 MA's), (Start: 258 @7659 has 2 MA's), (311, 7743), (327, 7779), (339, 7806), (411, 7929), (469, 8037), (510, 8127), (518, 8151), (534, 8178), (553, 8226), (620, 8382), (644, 8442), (819, 8676), (832, 8688), (862, 8730), (882, 8751), (908, 8778), (985, 8886), (1070, 8976), (1139, 9081),

Gene: Julie_6 Start: 2172, Stop: 3869, Start Num: 163
Candidate Starts for Julie_6:
(Start: 138 @2139 has 4 MA's), (Start: 163 @2172 has 23 MA's), (233, 2292), (Start: 246 @2313 has 12 MA's), (254, 2328), (278, 2361), (313, 2403), (315, 2406), (333, 2451), (342, 2469), (345, 2472), (394, 2547), (426, 2598), (464, 2652), (521, 2766), (547, 2823), (548, 2826), (559, 2847), (586, 2922), (692, 3144), (699, 3159), (755, 3231), (759, 3237), (786, 3297), (796, 3330), (822, 3369), (838, 3387), (869, 3429), (907, 3462), (932, 3501), (983, 3543), (1008, 3585), (1072, 3660), (1078, 3669), (1125, 3732), (1215, 3858),

Gene: Jumboset_5 Start: 3286, Stop: 4641, Start Num: 268
Candidate Starts for Jumboset_5:
(Start: 129 @3076 has 79 MA's), (Start: 268 @3286 has 4 MA's), (313, 3340), (342, 3406), (364, 3430), (485, 3646), (496, 3661), (500, 3667), (521, 3727), (548, 3787), (625, 3886), (637, 3916), (642, 3931), (692, 4012), (764, 4090), (768, 4099), (787, 4135), (804, 4174), (834, 4207), (838, 4216), (861, 4243),

(912, 4297), (939, 4339), (1001, 4384), (1008, 4405), (1022, 4429), (1095, 4507), (1192, 4627),

Gene: JuneStar_2 Start: 545, Stop: 2242, Start Num: 95
Candidate Starts for JuneStar_2:
(13, 242), (Start: 95 @545 has 435 MA's), (Start: 191 @632 has 2 MA's), (379, 917), (411, 974), (432, 1016), (482, 1112), (513, 1166), (570, 1286), (604, 1376), (800, 1661), (869, 1772), (929, 1841), (985, 1916), (997, 1931), (1081, 2057), (1136, 2141), (1150, 2165),

Gene: Junimo_10 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Junimo_10:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Juniper1_2 Start: 571, Stop: 2208, Start Num: 111
Candidate Starts for Juniper1_2:
(Start: 111 @571 has 202 MA's), (Start: 118 @580 has 1 MA's), (Start: 129 @595 has 79 MA's), (Start: 158 @628 has 2 MA's), (Start: 185 @652 has 2 MA's), (188, 655), (224, 718), (244, 757), (312, 844), (352, 904), (377, 928), (381, 937), (383, 940), (392, 961), (404, 982), (440, 1054), (461, 1093), (502, 1162), (505, 1168), (514, 1198), (515, 1201), (518, 1210), (523, 1225), (534, 1243), (557, 1294), (584, 1345), (601, 1387), (604, 1396), (711, 1567), (726, 1579), (800, 1663), (816, 1693), (818, 1696), (820, 1699), (869, 1756), (884, 1771), (889, 1777), (893, 1780), (901, 1795), (908, 1804), (957, 1873), (982, 1903), (988, 1912), (1006, 1945), (1014, 1963), (1024, 1978), (1048, 1993), (1069, 2005), (1094, 2038), (1107, 2059), (1112, 2065), (1114, 2068), (1127, 2089), (1139, 2113), (1142, 2122), (1145, 2125), (1184, 2182),

Gene: Juno112_2 Start: 370, Stop: 1992, Start Num: 149
Candidate Starts for Juno112_2:
(Start: 134 @349 has 16 MA's), (Start: 149 @370 has 162 MA's), (313, 601), (315, 604), (319, 613), (333, 649), (342, 667), (394, 745), (464, 850), (521, 964), (534, 988), (548, 1024), (559, 1045), (569, 1060), (589, 1120), (599, 1141), (628, 1204), (780, 1420), (787, 1432), (798, 1459), (829, 1498), (834, 1504), (862, 1543), (889, 1570), (903, 1582), (923, 1615), (932, 1627), (950, 1654), (956, 1660), (1125, 1900), (1129, 1906), (1144, 1927), (1159, 1948), (1187, 1978), (1190, 1981), (1192, 1984),

Gene: JustASigh_2 Start: 553, Stop: 2340, Start Num: 58
Candidate Starts for JustASigh_2:
(Start: 58 @553 has 1 MA's), (Start: 258 @850 has 2 MA's), (Start: 280 @883 has 2 MA's), (330, 964), (387, 1048), (392, 1060), (443, 1147), (498, 1237), (540, 1342), (631, 1495), (639, 1513), (685, 1582), (764, 1699), (786, 1741), (789, 1750), (829, 1816), (854, 1846), (925, 1936), (932, 1945), (936, 1951), (939, 1954), (959, 1975), (1024, 2083), (1046, 2098), (1070, 2125), (1109, 2170), (1123, 2188), (1146, 2224), (1149, 2230), (1171, 2260),

Gene: KADY_14 Start: 7041, Stop: 8741, Start Num: 102
Candidate Starts for KADY_14:
(Start: 102 @7041 has 88 MA's), (137, 7089), (253, 7224), (362, 7416), (411, 7503), (510, 7701), (550, 7791), (583, 7854), (644, 8016), (800, 8214), (812, 8238), (813, 8241), (862, 8304), (882, 8325), (916, 8364), (985, 8460), (1014, 8514), (1070, 8550), (1168, 8697), (1193, 8727), (1196, 8730),

Gene: KBG_12 Start: 7912, Stop: 9600, Start Num: 95
Candidate Starts for KBG_12:

(Start: 95 @7912 has 435 MA's), (Start: 258 @8092 has 2 MA's), (311, 8176), (327, 8212), (339, 8239), (411, 8362), (469, 8470), (510, 8560), (518, 8584), (553, 8659), (620, 8815), (644, 8875), (813, 9100), (819, 9109), (832, 9121), (862, 9163), (882, 9184), (908, 9211), (985, 9319), (1070, 9409), (1139, 9514),

Gene: KFPoly_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for KFPoly_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: KHumphrey_2 Start: 370, Stop: 1992, Start Num: 149
Candidate Starts for KHumphrey_2:
(Start: 134 @349 has 16 MA's), (Start: 149 @370 has 162 MA's), (313, 601), (315, 604), (319, 613), (333, 649), (342, 667), (394, 745), (464, 850), (521, 964), (534, 988), (548, 1024), (559, 1045), (569, 1060), (589, 1120), (628, 1204), (780, 1420), (787, 1432), (798, 1459), (829, 1498), (834, 1504), (862, 1543), (889, 1570), (903, 1582), (923, 1615), (932, 1627), (950, 1654), (956, 1660), (1072, 1831), (1125, 1900), (1129, 1906), (1144, 1927), (1159, 1948), (1187, 1978), (1190, 1981), (1192, 1984),

Gene: KSSJEB_11 Start: 6817, Stop: 8505, Start Num: 95
Candidate Starts for KSSJEB_11:
(Start: 95 @6817 has 435 MA's), (311, 7081), (323, 7105), (394, 7240), (411, 7267), (430, 7300), (469, 7375), (510, 7465), (518, 7489), (534, 7516), (553, 7564), (591, 7633), (620, 7720), (642, 7777), (644, 7780), (813, 8005), (819, 8014), (832, 8026), (862, 8068), (882, 8089), (908, 8116), (985, 8224), (1070, 8314), (1139, 8419),

Gene: Kabluna_27 Start: 11923, Stop: 13647, Start Num: 115
Candidate Starts for Kabluna_27:
(Start: 111 @11917 has 202 MA's), (Start: 115 @11923 has 2 MA's), (222, 12067), (247, 12118), (251, 12124), (Start: 272 @12151 has 48 MA's), (281, 12163), (299, 12193), (315, 12217), (324, 12235), (514, 12628), (523, 12655), (604, 12823), (608, 12835), (621, 12868), (675, 12946), (839, 13162), (855, 13192), (893, 13243), (922, 13291), (988, 13366), (996, 13378), (1013, 13414), (1139, 13552), (1157, 13582),

Gene: Kachowdy_11 Start: 6549, Stop: 8246, Start Num: 95
Candidate Starts for Kachowdy_11:
(Start: 95 @6549 has 435 MA's), (152, 6621), (311, 6819), (403, 6993), (411, 7005), (432, 7044), (438, 7056), (469, 7113), (479, 7137), (510, 7203), (513, 7212), (550, 7293), (565, 7320), (620, 7458), (647, 7524), (661, 7545), (678, 7569), (685, 7578), (740, 7644), (800, 7719), (812, 7743), (813, 7746), (817, 7752), (825, 7761), (862, 7809), (916, 7869), (985, 7965), (1010, 8010), (1014, 8019), (1145, 8172), (1168, 8202), (1193, 8232), (1196, 8235),

Gene: Kahlid_4 Start: 1069, Stop: 2637, Start Num: 93
Candidate Starts for Kahlid_4:
(Start: 93 @1069 has 92 MA's), (Start: 99 @1075 has 9 MA's), (228, 1231), (419, 1528), (422, 1534), (450, 1594), (494, 1666), (498, 1672), (558, 1792), (591, 1840), (632, 1894), (643, 1918), (671, 1963), (676, 1969), (694, 1999), (699, 2005), (722, 2032), (729, 2041), (776, 2098), (779, 2104), (789, 2125), (790, 2131), (838, 2206), (845, 2209), (867, 2245), (912, 2290), (962, 2356), (1008, 2431), (1018, 2449), (1024, 2458), (1158, 2605), (1181, 2629), (1183, 2632),

Gene: Kaijohn_3 Start: 1080, Stop: 2540, Start Num: 149

Candidate Starts for Kaijohn_3:
(Start: 149 @1080 has 162 MA's), (Start: 154 @1086 has 4 MA's), (Start: 272 @1248 has 48 MA's), (278, 1257), (315, 1317), (348, 1386), (366, 1407), (394, 1458), (520, 1662), (592, 1797), (642, 1875), (649, 1890), (674, 1926), (703, 1968), (739, 2001), (765, 2019), (779, 2043), (834, 2139), (835, 2142), (848, 2154), (905, 2229), (944, 2292), (958, 2310), (960, 2313), (1098, 2475), (1104, 2484), (1110, 2493), (1135, 2532),

Gene: Kaine_6 Start: 2218, Stop: 3864, Start Num: 73
Candidate Starts for Kaine_6:
(Start: 68 @2209 has 2 MA's), (Start: 73 @2218 has 95 MA's), (Start: 74 @2221 has 1 MA's), (Start: 86 @2236 has 10 MA's), (283, 2440), (300, 2476), (326, 2521), (378, 2614), (386, 2629), (400, 2656), (405, 2665), (413, 2677), (458, 2764), (480, 2812), (510, 2860), (556, 2959), (580, 2998), (638, 3112), (647, 3133), (673, 3172), (743, 3253), (800, 3322), (803, 3328), (811, 3343), (852, 3406), (957, 3538), (985, 3580), (1003, 3607), (1010, 3625), (1072, 3673), (1142, 3781),

Gene: Kalb97_14 Start: 7027, Stop: 8727, Start Num: 102
Candidate Starts for Kalb97_14:
(Start: 102 @7027 has 88 MA's), (137, 7075), (Start: 191 @7147 has 2 MA's), (253, 7210), (411, 7489), (510, 7687), (550, 7777), (583, 7840), (644, 8002), (800, 8200), (812, 8224), (813, 8227), (862, 8290), (869, 8302), (882, 8311), (901, 8329), (916, 8350), (985, 8446), (1014, 8500), (1070, 8536), (1168, 8683), (1193, 8713), (1196, 8716),

Gene: Kalimba_2 Start: 593, Stop: 2281, Start Num: 119
Candidate Starts for Kalimba_2:
(Start: 119 @593 has 16 MA's), (295, 794), (373, 938), (386, 962), (411, 1007), (456, 1094), (482, 1148), (509, 1187), (570, 1322), (608, 1424), (687, 1535), (773, 1646), (800, 1697), (985, 1952), (997, 1967), (1142, 2192), (1150, 2204), (1165, 2219),

Gene: Kalizoi_5 Start: 3286, Stop: 4641, Start Num: 268
Candidate Starts for Kalizoi_5:
(Start: 129 @3076 has 79 MA's), (Start: 268 @3286 has 4 MA's), (313, 3340), (338, 3397), (342, 3406), (485, 3646), (496, 3661), (500, 3667), (521, 3727), (548, 3787), (625, 3886), (637, 3916), (642, 3931), (692, 4012), (764, 4090), (768, 4099), (787, 4135), (804, 4174), (834, 4207), (838, 4216), (861, 4243), (912, 4297), (939, 4339), (1001, 4384), (1008, 4405), (1022, 4429), (1095, 4507), (1192, 4627),

Gene: Kalnoky_14 Start: 7029, Stop: 8729, Start Num: 102
Candidate Starts for Kalnoky_14:
(Start: 102 @7029 has 88 MA's), (137, 7077), (Start: 191 @7149 has 2 MA's), (253, 7212), (411, 7491), (510, 7689), (550, 7779), (583, 7842), (644, 8004), (800, 8202), (812, 8226), (813, 8229), (862, 8292), (869, 8304), (882, 8313), (901, 8331), (916, 8352), (985, 8448), (1014, 8502), (1070, 8538), (1168, 8685), (1193, 8715), (1196, 8718),

Gene: Kalpine_15 Start: 9215, Stop: 11002, Start Num: 96
Candidate Starts for Kalpine_15:
(28, 9047), (37, 9098), (Start: 96 @9215 has 243 MA's), (179, 9323), (193, 9344), (250, 9452), (283, 9503), (300, 9539), (329, 9593), (339, 9614), (408, 9734), (411, 9737), (469, 9845), (510, 9935), (518, 9959), (571, 10061), (584, 10091), (800, 10478), (862, 10565), (869, 10577), (901, 10604), (904, 10607), (916, 10625), (985, 10721), (1168, 10958), (1191, 10985), (1193, 10988), (1196, 10991), (1199, 10994),

Gene: Kamdara_3 Start: 943, Stop: 2562, Start Num: 171
Candidate Starts for Kamdara_3:

(Start: 169 @937 has 6 MA's), (Start: 171 @943 has 84 MA's), (278, 1099), (333, 1189), (342, 1207), (360, 1222), (398, 1291), (415, 1315), (425, 1333), (464, 1390), (498, 1441), (500, 1444), (521, 1504), (532, 1525), (542, 1552), (558, 1582), (753, 1921), (837, 2044), (1064, 2359), (1095, 2398), (1187, 2515),

Gene: Kampy_11 Start: 6885, Stop: 8582, Start Num: 95
Candidate Starts for Kampy_11:
(Start: 95 @6885 has 435 MA's), (Start: 122 @6909 has 1 MA's), (Start: 207 @7032 has 2 MA's), (293, 7122), (311, 7155), (362, 7254), (408, 7338), (411, 7341), (432, 7380), (469, 7449), (479, 7473), (510, 7539), (550, 7629), (620, 7794), (661, 7881), (685, 7914), (740, 7980), (798, 8052), (800, 8055), (812, 8079), (852, 8130), (862, 8145), (901, 8184), (916, 8205), (985, 8301), (1168, 8538), (1193, 8568), (1196, 8571),

Gene: Kanely_12 Start: 7589, Stop: 9277, Start Num: 95
Candidate Starts for Kanely_12:
(Start: 95 @7589 has 435 MA's), (311, 7853), (323, 7877), (411, 8039), (430, 8072), (469, 8147), (510, 8237), (518, 8261), (534, 8288), (553, 8336), (620, 8492), (644, 8552), (819, 8786), (832, 8798), (862, 8840), (882, 8861), (908, 8888), (985, 8996), (1070, 9086), (1139, 9191),

Gene: Kardashian_7 Start: 3408, Stop: 5147, Start Num: 187
Candidate Starts for Kardashian_7:
(Start: 187 @3408 has 203 MA's), (195, 3414), (229, 3462), (231, 3465), (252, 3501), (254, 3507), (345, 3681), (380, 3735), (395, 3768), (444, 3876), (454, 3897), (522, 4050), (530, 4068), (545, 4104), (555, 4125), (584, 4200), (604, 4254), (644, 4353), (673, 4401), (726, 4482), (771, 4551), (778, 4563), (847, 4641), (866, 4674), (876, 4695), (929, 4764), (931, 4767), (962, 4818), (1060, 4974), (1061, 4977), (1071, 4995), (1080, 5007), (1094, 5025), (1136, 5097), (1145, 5112),

Gene: Kardesai_7 Start: 3847, Stop: 5601, Start Num: 187
Candidate Starts for Kardesai_7:
(151, 3793), (Start: 183 @3841 has 2 MA's), (Start: 187 @3847 has 203 MA's), (252, 3940), (254, 3946), (361, 4138), (395, 4213), (413, 4243), (427, 4273), (444, 4321), (451, 4339), (454, 4342), (476, 4384), (530, 4513), (604, 4699), (644, 4798), (685, 4870), (726, 4927), (771, 5005), (778, 5017), (868, 5131), (876, 5149), (914, 5194), (929, 5218), (931, 5221), (954, 5260), (1051, 5401), (1069, 5446), (1071, 5449), (1080, 5461), (1114, 5509), (1133, 5542), (1136, 5551), (1139, 5554),

Gene: Karhdo_2 Start: 588, Stop: 2225, Start Num: 111
Candidate Starts for Karhdo_2:
(Start: 111 @588 has 202 MA's), (Start: 125 @603 has 1 MA's), (Start: 129 @612 has 79 MA's), (133, 618), (Start: 158 @645 has 2 MA's), (Start: 185 @669 has 2 MA's), (188, 672), (224, 735), (230, 753), (244, 774), (312, 861), (315, 867), (352, 921), (369, 933), (377, 945), (381, 954), (383, 957), (392, 978), (404, 999), (415, 1014), (440, 1071), (461, 1110), (502, 1179), (505, 1185), (514, 1215), (515, 1218), (518, 1227), (523, 1242), (534, 1260), (557, 1311), (604, 1413), (711, 1584), (726, 1596), (748, 1614), (800, 1680), (816, 1710), (818, 1713), (820, 1716), (869, 1773), (884, 1788), (889, 1794), (893, 1797), (901, 1812), (908, 1821), (957, 1890), (982, 1920), (988, 1929), (1006, 1962), (1024, 1995), (1069, 2022), (1094, 2055), (1112, 2082), (1114, 2085), (1127, 2106), (1139, 2130), (1142, 2139), (1145, 2142), (1184, 2199),

Gene: Karkharias_2 Start: 625, Stop: 2373, Start Num: 201
Candidate Starts for Karkharias_2:
(164, 574), (180, 601), (Start: 201 @625 has 43 MA's), (266, 718), (340, 859), (344, 865), (358, 883), (364, 898), (366, 901), (437, 1039), (476, 1114), (487, 1135), (541, 1261), (596, 1363), (614, 1420), (620, 1435), (641, 1474), (802, 1747), (810, 1762), (824, 1786), (840, 1819), (959, 1996), (973, 2020), (980, 2038), (994, 2068), (1003, 2083), (1008, 2098), (1023, 2125), (1042, 2152), (1066, 2176), (1073,

2185), (1114, 2236), (1142, 2290),

Gene: Katalie_7 Start: 2648, Stop: 4294, Start Num: 73
Candidate Starts for Katalie_7:
(Start: 73 @2648 has 95 MA's), (Start: 86 @2666 has 10 MA's), (283, 2870), (326, 2951), (400, 3086), (413, 3107), (437, 3152), (458, 3194), (497, 3266), (510, 3290), (556, 3389), (584, 3443), (604, 3500), (673, 3602), (719, 3662), (749, 3689), (811, 3773), (817, 3785), (869, 3863), (906, 3896), (959, 3971), (985, 4010), (1001, 4031), (1003, 4037), (1010, 4055), (1105, 4151), (1142, 4211),

Gene: Katalie136_11 Start: 6893, Stop: 8590, Start Num: 95
Candidate Starts for Katalie136_11:
(Start: 95 @6893 has 435 MA's), (Start: 122 @6917 has 1 MA's), (311, 7163), (365, 7268), (408, 7346), (411, 7349), (432, 7388), (469, 7457), (479, 7481), (510, 7547), (550, 7637), (620, 7802), (661, 7889), (775, 8015), (798, 8060), (800, 8063), (812, 8087), (862, 8153), (901, 8192), (916, 8213), (985, 8309), (1167, 8543), (1168, 8546), (1193, 8576), (1196, 8579),

Gene: Kate33_3 Start: 768, Stop: 2396, Start Num: 171
Candidate Starts for Kate33_3:
(Start: 171 @768 has 84 MA's), (278, 924), (342, 1032), (378, 1077), (398, 1116), (425, 1158), (464, 1215), (498, 1266), (500, 1269), (521, 1329), (531, 1347), (542, 1377), (558, 1407), (838, 1878), (923, 1980), (1095, 2229), (1129, 2277), (1147, 2301), (1187, 2346),

Gene: KatherineG_14 Start: 6808, Stop: 8505, Start Num: 96
Candidate Starts for KatherineG_14:
(Start: 96 @6808 has 243 MA's), (Start: 118 @6826 has 1 MA's), (253, 6988), (381, 7213), (411, 7267), (469, 7375), (480, 7402), (510, 7465), (518, 7489), (812, 8005), (862, 8068), (904, 8110), (985, 8224), (1081, 8329), (1168, 8461), (1191, 8488), (1193, 8491), (1196, 8494),

Gene: Katzastrophic_3 Start: 938, Stop: 2503, Start Num: 171
Candidate Starts for Katzastrophic_3:
(Start: 171 @938 has 84 MA's), (278, 1094), (342, 1202), (394, 1280), (400, 1289), (419, 1316), (464, 1385), (498, 1436), (521, 1499), (558, 1577), (699, 1850), (796, 1988), (899, 2117), (907, 2120), (1134, 2420), (1201, 2495),

Gene: KayGee_4 Start: 906, Stop: 2582, Start Num: 143
Candidate Starts for KayGee_4:
(Start: 143 @906 has 83 MA's), (Start: 191 @957 has 2 MA's), (205, 978), (254, 1023), (283, 1065), (300, 1101), (386, 1263), (405, 1299), (411, 1308), (413, 1311), (434, 1359), (438, 1371), (482, 1458), (574, 1638), (598, 1692), (678, 1872), (697, 1905), (776, 1971), (803, 2037), (806, 2043), (862, 2127), (929, 2208), (954, 2241), (1003, 2310), (1081, 2388), (1145, 2487), (1165, 2508), (1168, 2514), (1213, 2568), (1214, 2571),

Gene: KayMoney_2 Start: 625, Stop: 2373, Start Num: 201
Candidate Starts for KayMoney_2:
(164, 574), (180, 601), (Start: 201 @625 has 43 MA's), (266, 718), (340, 859), (344, 865), (364, 898), (366, 901), (377, 919), (397, 961), (437, 1039), (447, 1063), (456, 1075), (476, 1114), (487, 1135), (506, 1168), (526, 1222), (539, 1255), (541, 1261), (596, 1363), (614, 1420), (620, 1435), (641, 1474), (700, 1570), (802, 1747), (810, 1762), (824, 1786), (942, 1969), (959, 1996), (973, 2020), (980, 2038), (994, 2068), (1023, 2125), (1042, 2152), (1066, 2176), (1073, 2185), (1086, 2203), (1114, 2236), (1142, 2290),

Gene: KayPaulus_3 Start: 1071, Stop: 2531, Start Num: 149
Candidate Starts for KayPaulus_3:

(Start: 149 @1071 has 162 MA's), (Start: 154 @1077 has 4 MA's), (Start: 272 @1239 has 48 MA's), (278, 1248), (315, 1308), (348, 1377), (366, 1398), (394, 1449), (520, 1653), (532, 1677), (592, 1788), (642, 1866), (649, 1881), (674, 1917), (703, 1959), (739, 1992), (765, 2010), (834, 2130), (835, 2133), (848, 2145), (905, 2220), (944, 2283), (958, 2301), (960, 2304), (1098, 2466), (1104, 2475), (1135, 2523),

Gene: Kaylissa_2 Start: 533, Stop: 2239, Start Num: 95
Candidate Starts for Kaylissa_2:
(13, 242), (16, 251), (Start: 95 @533 has 435 MA's), (379, 905), (411, 962), (436, 1010), (482, 1100), (513, 1154), (570, 1274), (604, 1364), (710, 1526), (800, 1649), (985, 1904), (997, 1919), (1024, 1973), (1081, 2054), (1136, 2138), (1150, 2162),

Gene: Kazan_15 Start: 7539, Stop: 9293, Start Num: 96
Candidate Starts for Kazan_15:
(Start: 96 @7539 has 243 MA's), (250, 7770), (283, 7821), (300, 7857), (339, 7932), (411, 8055), (432, 8094), (469, 8163), (479, 8187), (480, 8190), (510, 8253), (518, 8277), (570, 8376), (571, 8379), (583, 8406), (584, 8409), (740, 8694), (806, 8781), (812, 8793), (862, 8856), (901, 8895), (916, 8916), (979, 9000), (985, 9012), (1168, 9249), (1191, 9276), (1193, 9279),

Gene: KeAlii_2 Start: 518, Stop: 2215, Start Num: 101
Candidate Starts for KeAlii_2:
(Start: 101 @518 has 7 MA's), (Start: 119 @539 has 16 MA's), (379, 890), (411, 947), (482, 1085), (499, 1109), (532, 1184), (570, 1259), (710, 1511), (800, 1631), (959, 1850), (985, 1886), (997, 1901), (1150, 2144),

Gene: KeaneyLin_7 Start: 3847, Stop: 5601, Start Num: 187
Candidate Starts for KeaneyLin_7:
(151, 3793), (Start: 183 @3841 has 2 MA's), (Start: 187 @3847 has 203 MA's), (252, 3940), (254, 3946), (361, 4138), (395, 4213), (413, 4243), (427, 4273), (444, 4321), (454, 4342), (530, 4513), (604, 4699), (644, 4798), (685, 4870), (726, 4927), (771, 5005), (778, 5017), (868, 5131), (876, 5149), (914, 5194), (929, 5218), (931, 5221), (954, 5260), (1051, 5401), (1069, 5446), (1071, 5449), (1080, 5461), (1114, 5509), (1133, 5542), (1136, 5551), (1139, 5554),

Gene: KekoraPapaka_10 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for KekoraPapaka_10:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Kels_2 Start: 349, Stop: 1851, Start Num: 138
Candidate Starts for Kels_2:
(Start: 138 @349 has 4 MA's), (157, 373), (255, 508), (264, 520), (267, 526), (274, 535), (319, 598), (330, 628), (334, 637), (345, 655), (415, 754), (422, 766), (437, 799), (488, 880), (513, 928), (551, 1009), (642, 1144), (692, 1210), (694, 1222), (722, 1255), (748, 1279), (838, 1411), (861, 1438), (940, 1531), (1002, 1615), (1005, 1624), (1081, 1708), (1095, 1723), (1134, 1783), (1153, 1813),

Gene: KendraB23_4 Start: 958, Stop: 2538, Start Num: 182
Candidate Starts for KendraB23_4:
(Start: 134 @892 has 16 MA's), (Start: 182 @958 has 15 MA's), (Start: 246 @1054 has 12 MA's), (252, 1063), (297, 1117), (319, 1156), (334, 1195), (342, 1210), (364, 1234), (378, 1255), (505, 1456), (521, 1507), (531, 1525), (548, 1567), (559, 1588), (581, 1648), (593, 1678), (599, 1687), (628, 1750), (787,

1978), (804, 2017), (829, 2044), (838, 2059), (862, 2089), (903, 2128), (956, 2206), (982, 2236), (1002, 2263), (1125, 2446), (1129, 2452), (1144, 2473), (1190, 2527),

Gene: Kenmech_14 Start: 8093, Stop: 9781, Start Num: 107
Candidate Starts for Kenmech_14:
(Start: 107 @8093 has 24 MA's), (Start: 258 @8273 has 2 MA's), (311, 8357), (324, 8384), (327, 8393), (411, 8543), (430, 8576), (469, 8651), (510, 8741), (518, 8765), (534, 8792), (553, 8840), (565, 8858), (591, 8909), (615, 8984), (620, 8996), (644, 9056), (819, 9290), (832, 9302), (862, 9344), (882, 9365), (908, 9392), (985, 9500), (1070, 9590), (1139, 9695),

Gene: Kenosha_14 Start: 8088, Stop: 9833, Start Num: 187
Candidate Starts for Kenosha_14:
(Start: 187 @8088 has 203 MA's), (195, 8094), (252, 8181), (254, 8187), (274, 8223), (302, 8277), (322, 8307), (353, 8373), (395, 8454), (427, 8514), (444, 8562), (451, 8580), (454, 8583), (492, 8652), (508, 8691), (522, 8736), (530, 8754), (555, 8811), (588, 8892), (604, 8940), (644, 9039), (647, 9045), (680, 9096), (682, 9102), (704, 9144), (726, 9168), (868, 9363), (899, 9405), (916, 9429), (929, 9450), (931, 9453), (1051, 9633), (1069, 9678), (1071, 9681), (1080, 9693), (1136, 9783), (1139, 9786),

Gene: Kenuha5_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Kenuha5_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Kenzers_3 Start: 677, Stop: 2305, Start Num: 171
Candidate Starts for Kenzers_3:
(Start: 171 @677 has 84 MA's), (278, 833), (342, 941), (398, 1025), (415, 1049), (425, 1067), (464, 1124), (498, 1175), (500, 1178), (521, 1238), (531, 1256), (542, 1286), (558, 1316), (829, 1772), (838, 1787), (1095, 2138), (1129, 2186), (1215, 2294),

Gene: Kepler_3 Start: 848, Stop: 2329, Start Num: 246
Candidate Starts for Kepler_3:
(Start: 134 @683 has 16 MA's), (Start: 246 @848 has 12 MA's), (Start: 272 @887 has 48 MA's), (313, 938), (319, 950), (333, 986), (342, 1004), (464, 1187), (485, 1220), (521, 1301), (526, 1313), (548, 1361), (559, 1382), (569, 1397), (589, 1454), (787, 1769), (829, 1835), (837, 1847), (862, 1880), (903, 1919), (912, 1931), (923, 1952), (956, 1997), (982, 2027), (1008, 2072), (1038, 2114), (1054, 2141), (1055, 2144), (1125, 2237), (1129, 2243), (1144, 2264), (1151, 2276), (1187, 2315), (1190, 2318),

Gene: Kerberos_15 Start: 7375, Stop: 9162, Start Num: 96
Candidate Starts for Kerberos_15:
(29, 7216), (33, 7243), (Start: 96 @7375 has 243 MA's), (179, 7483), (193, 7504), (227, 7570), (250, 7612), (300, 7699), (408, 7894), (411, 7897), (469, 8005), (510, 8095), (518, 8119), (570, 8218), (583, 8248), (584, 8251), (623, 8362), (733, 8551), (852, 8710), (862, 8725), (869, 8737), (901, 8764), (916, 8785), (979, 8869), (985, 8881), (1070, 8971), (1168, 9118), (1191, 9145), (1193, 9148),

Gene: Kerry_13 Start: 7213, Stop: 8958, Start Num: 187
Candidate Starts for Kerry_13:

(Start: 187 @7213 has 203 MA's), (195, 7219), (252, 7306), (254, 7312), (274, 7348), (302, 7402), (444, 7687), (451, 7705), (454, 7708), (492, 7777), (530, 7879), (545, 7915), (555, 7936), (570, 7960), (588, 8017), (604, 8065), (630, 8131), (644, 8164), (647, 8170), (665, 8200), (680, 8221), (726, 8293), (868, 8488), (916, 8554), (929, 8575), (931, 8578), (968, 8638), (1045, 8749), (1060, 8785), (1071, 8806), (1080, 8818), (1114, 8866), (1136, 8908), (1139, 8911),

Gene: Kersh_2 Start: 575, Stop: 2212, Start Num: 111
Candidate Starts for Kersh_2:
(Start: 111 @575 has 202 MA's), (Start: 118 @584 has 1 MA's), (Start: 129 @599 has 79 MA's), (147, 620), (Start: 158 @632 has 2 MA's), (Start: 185 @656 has 2 MA's), (188, 659), (200, 677), (224, 722), (244, 761), (312, 848), (352, 908), (369, 920), (377, 932), (381, 941), (383, 944), (392, 965), (404, 986), (415, 1001), (440, 1058), (461, 1097), (502, 1166), (505, 1172), (514, 1202), (515, 1205), (518, 1214), (523, 1229), (534, 1247), (557, 1298), (601, 1391), (604, 1400), (711, 1571), (726, 1583), (800, 1667), (816, 1697), (818, 1700), (820, 1703), (869, 1760), (884, 1775), (889, 1781), (893, 1784), (901, 1799), (908, 1808), (957, 1877), (982, 1907), (988, 1916), (1006, 1949), (1024, 1982), (1069, 2009), (1094, 2042), (1112, 2069), (1114, 2072), (1127, 2093), (1139, 2117), (1142, 2126), (1145, 2129), (1184, 2186),

Gene: Kevanna_3 Start: 1071, Stop: 2531, Start Num: 149
Candidate Starts for Kevanna_3:
(Start: 149 @1071 has 162 MA's), (Start: 154 @1077 has 4 MA's), (Start: 272 @1239 has 48 MA's), (278, 1248), (315, 1308), (348, 1377), (366, 1398), (394, 1449), (520, 1653), (532, 1677), (592, 1788), (642, 1866), (649, 1881), (674, 1917), (703, 1959), (739, 1992), (765, 2010), (834, 2130), (835, 2133), (848, 2145), (905, 2220), (944, 2283), (958, 2301), (960, 2304), (1098, 2466), (1104, 2475), (1135, 2523),

Gene: KevinMinion_7 Start: 3386, Stop: 5119, Start Num: 187
Candidate Starts for KevinMinion_7:
(Start: 187 @3386 has 203 MA's), (254, 3485), (388, 3722), (413, 3770), (444, 3848), (451, 3866), (454, 3869), (492, 3938), (530, 4040), (539, 4064), (570, 4121), (604, 4226), (644, 4325), (661, 4355), (685, 4397), (726, 4454), (771, 4523), (778, 4535), (868, 4649), (876, 4667), (929, 4736), (931, 4739), (1059, 4943), (1071, 4967), (1080, 4979), (1089, 4991), (1112, 5024), (1136, 5069), (1139, 5072),

Gene: Keziacharles14_11 Start: 6280, Stop: 8064, Start Num: 96
Candidate Starts for Keziacharles14_11:
(Start: 96 @6280 has 243 MA's), (Start: 114 @6292 has 11 MA's), (Start: 120 @6298 has 11 MA's), (200, 6409), (250, 6508), (339, 6670), (381, 6742), (411, 6796), (432, 6835), (469, 6907), (510, 6997), (518, 7021), (553, 7096), (580, 7138), (584, 7153), (622, 7261), (659, 7336), (717, 7432), (775, 7492), (862, 7627), (901, 7666), (916, 7687), (979, 7771), (985, 7783), (1070, 7873), (1083, 7891), (1168, 8020), (1191, 8047), (1193, 8050),

Gene: Khuang_2 Start: 390, Stop: 1988, Start Num: 154
Candidate Starts for Khuang_2:
(Start: 104 @318 has 36 MA's), (Start: 154 @390 has 4 MA's), (233, 507), (319, 630), (378, 759), (464, 918), (500, 972), (520, 1029), (548, 1092), (692, 1341), (709, 1371), (722, 1383), (788, 1470), (796, 1494), (801, 1503), (804, 1509), (834, 1542), (857, 1569), (858, 1572), (912, 1632), (990, 1704), (1024, 1767), (1054, 1788), (1057, 1797), (1093, 1836), (1170, 1950), (1174, 1956),

Gene: KidneyBean_24 Start: 12917, Stop: 14644, Start Num: 110
Candidate Starts for KidneyBean_24:
(22, 12683), (49, 12812), (Start: 110 @12917 has 12 MA's), (222, 13067), (247, 13118), (251, 13124), (281, 13163), (299, 13193), (315, 13217), (324, 13235), (332, 13262), (359, 13325), (514, 13628), (523, 13655), (565, 13739), (604, 13823), (608, 13835), (621, 13868), (675, 13946), (741, 14024),

(800, 14096), (818, 14129), (855, 14192), (869, 14219), (893, 14243), (908, 14267), (988, 14366), (1013, 14414), (1139, 14552), (1157, 14582), (1200, 14636),

Gene: Kieran_3 Start: 938, Stop: 2563, Start Num: 169
Candidate Starts for Kieran_3:
(4, 410), (Start: 169 @938 has 6 MA's), (Start: 171 @944 has 84 MA's), (278, 1100), (333, 1190), (342, 1208), (360, 1223), (398, 1292), (415, 1316), (425, 1334), (464, 1391), (498, 1442), (500, 1445), (521, 1505), (532, 1526), (542, 1553), (558, 1583), (753, 1922), (837, 2045), (1064, 2360), (1095, 2399), (1187, 2516),

Gene: Kihatsu_7 Start: 2288, Stop: 3994, Start Num: 163
Candidate Starts for Kihatsu_7:
(124, 2231), (Start: 146 @2267 has 40 MA's), (Start: 163 @2288 has 23 MA's), (233, 2411), (Start: 246 @2432 has 12 MA's), (254, 2447), (278, 2480), (315, 2525), (316, 2528), (333, 2570), (342, 2588), (345, 2591), (378, 2633), (425, 2714), (426, 2717), (464, 2771), (521, 2885), (559, 2966), (582, 3032), (586, 3041), (642, 3203), (692, 3269), (699, 3284), (796, 3455), (838, 3512), (869, 3554), (907, 3587), (932, 3626), (983, 3668), (1057, 3767), (1072, 3785), (1075, 3788), (1078, 3794), (1125, 3857), (1215, 3983),

Gene: KikiBouba_13 Start: 7560, Stop: 9248, Start Num: 95
Candidate Starts for KikiBouba_13:
(Start: 95 @7560 has 435 MA's), (Start: 258 @7740 has 2 MA's), (311, 7824), (327, 7860), (339, 7887), (411, 8010), (430, 8043), (469, 8118), (510, 8208), (518, 8232), (534, 8259), (553, 8307), (591, 8376), (615, 8451), (620, 8463), (622, 8472), (644, 8523), (813, 8748), (819, 8757), (832, 8769), (862, 8811), (882, 8832), (908, 8859), (985, 8967), (1070, 9057), (1139, 9162),

Gene: KillerTomato_3 Start: 1125, Stop: 2585, Start Num: 149
Candidate Starts for KillerTomato_3:
(Start: 149 @1125 has 162 MA's), (Start: 154 @1131 has 4 MA's), (Start: 272 @1293 has 48 MA's), (278, 1302), (315, 1362), (348, 1431), (366, 1452), (394, 1503), (520, 1707), (592, 1842), (642, 1920), (649, 1935), (674, 1971), (703, 2013), (739, 2046), (765, 2064), (834, 2184), (835, 2187), (848, 2199), (905, 2274), (944, 2337), (958, 2355), (960, 2358), (1098, 2520), (1110, 2538), (1135, 2577),

Gene: Killigrew_9 Start: 6454, Stop: 8142, Start Num: 95
Candidate Starts for Killigrew_9:
(Start: 95 @6454 has 435 MA's), (311, 6718), (323, 6742), (411, 6904), (430, 6937), (469, 7012), (510, 7102), (518, 7126), (534, 7153), (553, 7201), (615, 7345), (620, 7357), (644, 7417), (813, 7642), (819, 7651), (832, 7663), (862, 7705), (882, 7726), (908, 7753), (985, 7861), (1070, 7951), (1139, 8056),

Gene: Kimba_12 Start: 8076, Stop: 9839, Start Num: 96
Candidate Starts for Kimba_12:
(39, 7956), (Start: 96 @8076 has 243 MA's), (Start: 120 @8097 has 11 MA's), (179, 8184), (250, 8313), (262, 8337), (300, 8400), (381, 8544), (408, 8595), (411, 8598), (469, 8709), (479, 8733), (480, 8736), (510, 8799), (513, 8808), (518, 8823), (580, 8940), (584, 8955), (605, 9015), (638, 9099), (806, 9327), (812, 9339), (852, 9387), (862, 9402), (901, 9441), (916, 9462), (942, 9501), (979, 9546), (985, 9558), (1168, 9795), (1191, 9822),

Gene: Kimchi_10 Start: 2509, Stop: 4179, Start Num: 272
Candidate Starts for Kimchi_10:
(Start: 272 @2509 has 48 MA's), (309, 2572), (435, 2806), (487, 2908), (570, 3088), (576, 3112), (585, 3130), (595, 3142), (616, 3205), (621, 3217), (642, 3262), (649, 3277), (700, 3355), (728, 3400), (759, 3454), (760, 3460), (814, 3574), (841, 3622), (910, 3718), (922, 3739), (933, 3754), (1014, 3907), (1022, 3919), (1065, 3976), (1091, 4012), (1124, 4063), (1142, 4099), (1145, 4102), (1193, 4168),

Gene: Kimchi1738_12 Start: 6780, Stop: 8363, Start Num: 177
Candidate Starts for Kimchi1738_12:
(26, 6516), (32, 6552), (Start: 177 @6780 has 1 MA's), (210, 6834), (257, 6924), (270, 6948), (298, 6990), (299, 6993), (315, 7017), (369, 7092), (371, 7095), (392, 7137), (407, 7164), (418, 7182), (432, 7209), (438, 7227), (439, 7230), (473, 7284), (514, 7368), (515, 7371), (522, 7392), (534, 7413), (570, 7485), (584, 7515), (604, 7566), (646, 7647), (801, 7842), (806, 7851), (881, 7944), (901, 7971), (908, 7980), (996, 8091), (1063, 8154), (1139, 8265), (1142, 8274), (1205, 8355),

Gene: Kimona_8 Start: 4308, Stop: 6005, Start Num: 95
Candidate Starts for Kimona_8:
(Start: 95 @4308 has 435 MA's), (Start: 182 @4419 has 15 MA's), (311, 4578), (408, 4761), (411, 4764), (420, 4779), (432, 4803), (469, 4872), (479, 4896), (510, 4962), (513, 4971), (565, 5079), (620, 5217), (740, 5403), (812, 5502), (862, 5568), (869, 5580), (901, 5607), (916, 5628), (979, 5712), (985, 5724), (1014, 5778), (1167, 5958), (1168, 5961), (1193, 5991), (1196, 5994),

Gene: Kinbote_5 Start: 1855, Stop: 3489, Start Num: 61
Candidate Starts for Kinbote_5:
(Start: 61 @1855 has 21 MA's), (Start: 98 @1894 has 3 MA's), (156, 1942), (Start: 280 @2113 has 2 MA's), (313, 2152), (421, 2332), (427, 2341), (431, 2350), (464, 2413), (468, 2419), (511, 2503), (512, 2506), (513, 2509), (558, 2605), (559, 2608), (564, 2617), (621, 2683), (643, 2713), (658, 2740), (685, 2773), (696, 2794), (698, 2797), (767, 2893), (779, 2914), (829, 3004), (859, 3046), (869, 3064), (872, 3070), (932, 3133), (936, 3139), (939, 3142), (972, 3187), (979, 3193), (999, 3220), (1005, 3235), (1046, 3286), (1053, 3295), (1068, 3310), (1070, 3313), (1102, 3352), (1116, 3367), (1123, 3382), (1126, 3385), (1197, 3463), (1203, 3469),

Gene: KingBob_2 Start: 428, Stop: 1993, Start Num: 129
Candidate Starts for KingBob_2:
(Start: 129 @428 has 79 MA's), (Start: 245 @599 has 2 MA's), (313, 692), (317, 701), (330, 734), (338, 749), (342, 758), (364, 782), (394, 836), (455, 947), (496, 1013), (500, 1019), (521, 1079), (548, 1139), (564, 1169), (637, 1268), (764, 1442), (768, 1451), (787, 1487), (789, 1493), (806, 1529), (837, 1565), (862, 1598), (897, 1637), (907, 1643), (1024, 1784), (1095, 1859), (1151, 1940), (1192, 1979),

Gene: KingCyrus_14 Start: 7824, Stop: 9611, Start Num: 96
Candidate Starts for KingCyrus_14:
(Start: 96 @7824 has 243 MA's), (179, 7932), (193, 7953), (250, 8061), (408, 8343), (411, 8346), (469, 8454), (510, 8544), (518, 8568), (580, 8685), (584, 8700), (733, 9000), (869, 9186), (901, 9213), (916, 9234), (985, 9330), (1168, 9567), (1193, 9597),

Gene: KingJulian_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for KingJulian_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: KingMidas_2 Start: 571, Stop: 2208, Start Num: 111
Candidate Starts for KingMidas_2:

(Start: 111 @571 has 202 MA's), (Start: 118 @580 has 1 MA's), (Start: 129 @595 has 79 MA's), (Start: 185 @652 has 2 MA's), (188, 655), (224, 718), (244, 757), (312, 844), (352, 904), (369, 916), (377, 928), (381, 937), (383, 940), (392, 961), (404, 982), (440, 1054), (461, 1093), (502, 1162), (505, 1168), (514, 1198), (515, 1201), (518, 1210), (523, 1225), (534, 1243), (557, 1294), (601, 1387), (604, 1396), (711, 1567), (726, 1579), (800, 1663), (816, 1693), (818, 1696), (820, 1699), (869, 1756), (884, 1771), (889, 1777), (893, 1780), (901, 1795), (908, 1804), (957, 1873), (982, 1903), (988, 1912), (1006, 1945), (1024, 1978), (1069, 2005), (1094, 2038), (1114, 2068), (1127, 2089), (1139, 2113), (1142, 2122), (1145, 2125), (1184, 2182),

Gene: Kingmustik0402_11 Start: 6876, Stop: 8573, Start Num: 95
Candidate Starts for Kingmustik0402_11:
(Start: 95 @6876 has 435 MA's), (Start: 122 @6900 has 1 MA's), (Start: 207 @7023 has 2 MA's), (293, 7113), (311, 7146), (362, 7245), (408, 7329), (411, 7332), (432, 7371), (469, 7440), (479, 7464), (510, 7530), (550, 7620), (620, 7785), (661, 7872), (685, 7905), (740, 7971), (798, 8043), (800, 8046), (812, 8070), (852, 8121), (862, 8136), (901, 8175), (916, 8196), (985, 8292), (1168, 8529), (1193, 8559), (1196, 8562),

Gene: Kingsolomon_5 Start: 1190, Stop: 2755, Start Num: 93
Candidate Starts for Kingsolomon_5:
(64, 1139), (Start: 68 @1148 has 2 MA's), (Start: 93 @1190 has 92 MA's), (Start: 99 @1196 has 9 MA's), (238, 1367), (254, 1397), (313, 1472), (316, 1478), (319, 1484), (413, 1640), (419, 1649), (420, 1652), (422, 1655), (464, 1730), (494, 1784), (496, 1787), (498, 1790), (637, 2021), (685, 2096), (694, 2117), (699, 2123), (759, 2192), (776, 2216), (786, 2234), (790, 2249), (867, 2363), (907, 2402), (912, 2408), (962, 2474), (1001, 2528), (1016, 2564), (1024, 2576), (1078, 2615), (1143, 2702), (1181, 2747), (1183, 2750),

Gene: Kinmap_11 Start: 7441, Stop: 9138, Start Num: 106
Candidate Starts for Kinmap_11:
(106, 7441), (Start: 115 @7453 has 2 MA's), (Start: 182 @7543 has 15 MA's), (193, 7558), (302, 7702), (411, 7897), (447, 7969), (469, 8008), (510, 8098), (518, 8122), (732, 8527), (812, 8638), (869, 8713), (904, 8743), (985, 8857), (1003, 8884), (1168, 9094), (1191, 9121), (1193, 9124),

Gene: Kinny_8 Start: 3540, Stop: 5273, Start Num: 187
Candidate Starts for Kinny_8:
(Start: 187 @3540 has 203 MA's), (215, 3579), (243, 3615), (254, 3639), (388, 3876), (395, 3894), (413, 3924), (444, 4002), (454, 4023), (492, 4092), (530, 4194), (539, 4218), (570, 4275), (578, 4308), (604, 4380), (644, 4479), (661, 4509), (685, 4551), (726, 4608), (778, 4689), (876, 4821), (929, 4890), (931, 4893), (992, 4986), (1059, 5097), (1071, 5121), (1080, 5133), (1089, 5145), (1136, 5223), (1139, 5226),

Gene: Kipper29_15 Start: 7533, Stop: 9287, Start Num: 96
Candidate Starts for Kipper29_15:
(Start: 96 @7533 has 243 MA's), (250, 7764), (283, 7815), (300, 7851), (339, 7926), (411, 8049), (432, 8088), (469, 8157), (479, 8181), (480, 8184), (510, 8247), (518, 8271), (570, 8370), (571, 8373), (583, 8400), (584, 8403), (740, 8688), (806, 8775), (812, 8787), (862, 8850), (901, 8889), (916, 8910), (979, 8994), (985, 9006), (1168, 9243), (1191, 9270), (1193, 9273),

Gene: KirDoubleO7_3 Start: 1202, Stop: 2767, Start Num: 93
Candidate Starts for KirDoubleO7_3:
(64, 1151), (Start: 68 @1160 has 2 MA's), (Start: 93 @1202 has 92 MA's), (Start: 99 @1208 has 9 MA's), (238, 1379), (313, 1484), (319, 1496), (413, 1652), (419, 1661), (420, 1664), (422, 1667), (464, 1742), (494, 1796), (496, 1799), (498, 1802), (632, 2024), (637, 2033), (685, 2108), (694, 2129), (699, 2135), (722, 2162), (759, 2204), (776, 2228), (786, 2246), (789, 2255), (790, 2261), (867, 2375), (907,

2414), (912, 2420), (962, 2486), (1001, 2540), (1016, 2576), (1024, 2588), (1078, 2627), (1143, 2714), (1181, 2759), (1183, 2762),

Gene: Kita_2 Start: 498, Stop: 2222, Start Num: 201
Candidate Starts for Kita_2:
(Start: 190 @483 has 1 MA's), (Start: 201 @498 has 43 MA's), (259, 588), (393, 828), (397, 834), (411, 858), (438, 915), (476, 987), (571, 1185), (590, 1227), (596, 1233), (626, 1317), (641, 1344), (711, 1455), (725, 1482), (826, 1659), (999, 1932), (1001, 1935), (1003, 1941), (1011, 1962), (1034, 2001), (1066, 2049), (1073, 2058), (1091, 2082), (1114, 2100), (1145, 2157), (1194, 2214),

Gene: KittenMittens_10 Start: 4782, Stop: 6473, Start Num: 95
Candidate Starts for KittenMittens_10:
(Start: 95 @4782 has 435 MA's), (Start: 122 @4806 has 1 MA's), (Start: 207 @4929 has 2 MA's), (Start: 271 @4998 has 3 MA's), (300, 5049), (311, 5061), (339, 5124), (386, 5202), (411, 5247), (432, 5286), (458, 5334), (469, 5355), (479, 5379), (510, 5430), (570, 5553), (626, 5700), (650, 5760), (685, 5805), (800, 5946), (835, 6000), (862, 6036), (901, 6075), (916, 6096), (985, 6192), (1024, 6261), (1168, 6429), (1193, 6459), (1196, 6462),

Gene: Kittykat_2 Start: 426, Stop: 1991, Start Num: 129
Candidate Starts for Kittykat_2:
(Start: 129 @426 has 79 MA's), (313, 690), (316, 696), (334, 741), (342, 756), (347, 762), (364, 780), (496, 1011), (500, 1017), (521, 1077), (554, 1149), (625, 1236), (637, 1266), (642, 1281), (701, 1380), (764, 1440), (768, 1449), (804, 1524), (834, 1557), (838, 1566), (861, 1593), (912, 1647), (939, 1689), (1008, 1755), (1022, 1779), (1095, 1857), (1192, 1977), (1204, 1986),

Gene: KleverKiS_14 Start: 4715, Stop: 6259, Start Num: 130
Candidate Starts for KleverKiS_14:
(Start: 130 @4715 has 21 MA's), (Start: 163 @4763 has 23 MA's), (266, 4904), (315, 4964), (392, 5102), (512, 5294), (643, 5504), (676, 5555), (729, 5627), (789, 5690), (796, 5714), (804, 5729), (857, 5789), (862, 5801), (907, 5861), (930, 5894), (959, 5927), (977, 5954), (1007, 6002), (1143, 6188), (1158, 6209),

Gene: Klodlith_12 Start: 6308, Stop: 8080, Start Num: 114
Candidate Starts for Klodlith_12:
(Start: 96 @6296 has 243 MA's), (Start: 114 @6308 has 11 MA's), (200, 6425), (250, 6524), (333, 6674), (339, 6686), (381, 6758), (411, 6812), (432, 6851), (469, 6923), (505, 6995), (510, 7013), (518, 7037), (580, 7154), (584, 7169), (622, 7277), (659, 7352), (717, 7448), (817, 7589), (852, 7628), (901, 7682), (904, 7685), (916, 7703), (954, 7757), (979, 7787), (985, 7799), (1070, 7889), (1083, 7907), (1168, 8036), (1191, 8063), (1193, 8066),

Gene: Koan_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Koan_11:
(27, 6707), (30, 6725), (35, 6755), (Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Koduck_13 Start: 6618, Stop: 8399, Start Num: 96
Candidate Starts for Koduck_13:
(28, 6459), (Start: 96 @6618 has 243 MA's), (Start: 207 @6762 has 2 MA's), (227, 6807), (250, 6849), (300, 6936), (329, 6990), (408, 7131), (411, 7134), (432, 7173), (469, 7242), (510, 7332), (518, 7356), (583, 7485), (584, 7488), (901, 8001), (904, 8004), (916, 8022), (979, 8106), (985, 8118), (1168, 8355),

(1191, 8382), (1193, 8385), (1196, 8388),

Gene: Koella_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for Koella_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (147, 617), (Start: 158 @629 has 2 MA's), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (244, 758), (312, 845), (352, 905), (369, 917), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (415, 998), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (601, 1388), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1024, 1979), (1069, 2006), (1094, 2039), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: Kojax4_3 Start: 1086, Stop: 2546, Start Num: 149
Candidate Starts for Kojax4_3:
(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (642, 1881), (649, 1896), (674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: Koko_15 Start: 7533, Stop: 9287, Start Num: 96
Candidate Starts for Koko_15:
(Start: 96 @7533 has 243 MA's), (200, 7665), (250, 7764), (262, 7788), (283, 7815), (300, 7851), (339, 7926), (411, 8049), (420, 8064), (432, 8088), (469, 8157), (479, 8181), (480, 8184), (510, 8247), (518, 8271), (583, 8400), (584, 8403), (623, 8514), (732, 8676), (800, 8763), (806, 8775), (812, 8787), (852, 8835), (862, 8850), (901, 8889), (916, 8910), (979, 8994), (985, 9006), (1168, 9243), (1191, 9270), (1193, 9273),

Gene: Koreni_10 Start: 6533, Stop: 8230, Start Num: 95
Candidate Starts for Koreni_10:
(Start: 95 @6533 has 435 MA's), (Start: 122 @6557 has 1 MA's), (Start: 207 @6680 has 2 MA's), (293, 6770), (311, 6803), (362, 6902), (408, 6986), (411, 6989), (432, 7028), (469, 7097), (479, 7121), (510, 7187), (550, 7277), (620, 7442), (661, 7529), (685, 7562), (740, 7628), (798, 7700), (800, 7703), (812, 7727), (852, 7778), (862, 7793), (901, 7832), (916, 7853), (985, 7949), (1168, 8186), (1193, 8216), (1196, 8219),

Gene: Korra_5 Start: 3082, Stop: 4647, Start Num: 129
Candidate Starts for Korra_5:
(Start: 129 @3082 has 79 MA's), (Start: 268 @3292 has 4 MA's), (313, 3346), (338, 3403), (342, 3412), (485, 3652), (496, 3667), (500, 3673), (521, 3733), (548, 3793), (625, 3892), (637, 3922), (642, 3937), (692, 4018), (764, 4096), (768, 4105), (787, 4141), (804, 4180), (834, 4213), (838, 4222), (861, 4249), (912, 4303), (939, 4345), (1001, 4390), (1008, 4411), (1022, 4435), (1095, 4513), (1192, 4633),

Gene: Krakatau_3 Start: 1235, Stop: 2872, Start Num: 111
Candidate Starts for Krakatau_3:
(Start: 111 @1235 has 202 MA's), (Start: 125 @1250 has 1 MA's), (Start: 129 @1259 has 79 MA's), (133, 1265), (Start: 158 @1292 has 2 MA's), (Start: 185 @1316 has 2 MA's), (188, 1319), (224, 1382), (230, 1400), (244, 1421), (312, 1508), (315, 1514), (352, 1568), (369, 1580), (377, 1592), (381, 1601), (383, 1604), (392, 1625), (404, 1646), (415, 1661), (440, 1718), (461, 1757), (502, 1826), (505, 1832), (514, 1862), (515, 1865), (518, 1874), (523, 1889), (534, 1907), (557, 1958), (604, 2060), (711, 2231), (726, 2243), (748, 2261), (800, 2327), (816, 2357), (818, 2360), (820, 2363), (869, 2420), (884, 2435), (889, 2441), (893, 2444), (901, 2459), (908, 2468), (957, 2537), (982, 2567), (988, 2576), (1006, 2609), (1024, 2642), (1069, 2669), (1094, 2702), (1112, 2729), (1114, 2732), (1127, 2753), (1139, 2777),

(1142, 2786), (1145, 2789), (1184, 2846),

Gene: Kratark_11 Start: 6879, Stop: 8576, Start Num: 95
Candidate Starts for Kratark_11:
(Start: 95 @6879 has 435 MA's), (Start: 122 @6903 has 1 MA's), (Start: 207 @7026 has 2 MA's), (293, 7116), (311, 7149), (362, 7248), (408, 7332), (411, 7335), (432, 7374), (469, 7443), (479, 7467), (510, 7533), (550, 7623), (620, 7788), (661, 7875), (685, 7908), (740, 7974), (798, 8046), (800, 8049), (812, 8073), (852, 8124), (862, 8139), (901, 8178), (916, 8199), (985, 8295), (1168, 8532), (1193, 8562), (1196, 8565),

Gene: Kremtemulon_11 Start: 6929, Stop: 8626, Start Num: 95
Candidate Starts for Kremtemulon_11:
(Start: 95 @6929 has 435 MA's), (Start: 122 @6953 has 1 MA's), (Start: 207 @7076 has 2 MA's), (293, 7166), (311, 7199), (362, 7298), (408, 7382), (411, 7385), (432, 7424), (469, 7493), (510, 7583), (550, 7673), (620, 7838), (661, 7925), (685, 7958), (798, 8096), (800, 8099), (812, 8123), (862, 8189), (901, 8228), (916, 8249), (985, 8345), (1167, 8579), (1168, 8582), (1193, 8612), (1196, 8615),

Gene: Krishelle_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Krishelle_8:
(Start: 104 @3156 has 36 MA's), (Start: 258 @3342 has 2 MA's), (300, 3414), (311, 3426), (323, 3450), (327, 3462), (411, 3615), (420, 3630), (449, 3690), (510, 3798), (534, 3855), (618, 4053), (623, 4071), (647, 4125), (742, 4236), (778, 4269), (800, 4311), (817, 4344), (869, 4413), (985, 4557), (1010, 4602), (1081, 4662), (1142, 4761), (1168, 4794), (1191, 4821), (1193, 4824), (1196, 4827),

Gene: KristaRAM_3 Start: 1235, Stop: 2872, Start Num: 111
Candidate Starts for KristaRAM_3:
(Start: 111 @1235 has 202 MA's), (Start: 125 @1250 has 1 MA's), (Start: 129 @1259 has 79 MA's), (133, 1265), (Start: 158 @1292 has 2 MA's), (Start: 185 @1316 has 2 MA's), (188, 1319), (224, 1382), (230, 1400), (244, 1421), (312, 1508), (315, 1514), (352, 1568), (377, 1592), (381, 1601), (383, 1604), (392, 1625), (404, 1646), (415, 1661), (440, 1718), (461, 1757), (502, 1826), (505, 1832), (514, 1862), (515, 1865), (518, 1874), (523, 1889), (534, 1907), (557, 1958), (604, 2060), (711, 2231), (726, 2243), (748, 2261), (800, 2327), (816, 2357), (818, 2360), (820, 2363), (869, 2420), (884, 2435), (889, 2441), (893, 2444), (901, 2459), (908, 2468), (957, 2537), (982, 2567), (988, 2576), (1006, 2609), (1024, 2642), (1069, 2669), (1094, 2702), (1112, 2729), (1114, 2732), (1127, 2753), (1139, 2777), (1142, 2786), (1145, 2789), (1184, 2846),

Gene: Kristoff_12 Start: 6880, Stop: 8556, Start Num: 95
Candidate Starts for Kristoff_12:
(Start: 95 @6880 has 435 MA's), (Start: 207 @7012 has 2 MA's), (311, 7144), (330, 7189), (386, 7285), (411, 7330), (432, 7369), (458, 7417), (469, 7438), (479, 7462), (510, 7513), (570, 7636), (620, 7768), (650, 7843), (685, 7888), (740, 7954), (800, 8029), (812, 8053), (813, 8056), (862, 8119), (901, 8158), (904, 8161), (916, 8179), (985, 8275), (1024, 8344), (1168, 8512), (1193, 8542), (1196, 8545),

Gene: Kropertea_4 Start: 765, Stop: 2327, Start Num: 93
Candidate Starts for Kropertea_4:
(Start: 93 @765 has 92 MA's), (Start: 99 @771 has 9 MA's), (228, 921), (Start: 268 @987 has 4 MA's), (302, 1017), (319, 1053), (321, 1056), (338, 1098), (422, 1224), (516, 1407), (558, 1482), (643, 1608), (653, 1629), (671, 1653), (676, 1659), (694, 1689), (699, 1695), (729, 1731), (759, 1764), (776, 1788), (790, 1821), (834, 1887), (867, 1935), (872, 1944), (889, 1959), (912, 1980), (962, 2046), (1024, 2148), (1140, 2268), (1143, 2274), (1158, 2295), (1181, 2319),

Gene: Krypton555_5 Start: 1185, Stop: 2750, Start Num: 93
Candidate Starts for Krypton555_5:

(Start: 93 @1185 has 92 MA's), (Start: 99 @1191 has 9 MA's), (238, 1362), (313, 1467), (319, 1479), (413, 1635), (419, 1644), (420, 1647), (422, 1650), (464, 1725), (494, 1779), (496, 1782), (498, 1785), (637, 2016), (694, 2112), (699, 2118), (759, 2187), (776, 2211), (786, 2229), (790, 2244), (804, 2277), (867, 2358), (907, 2397), (912, 2403), (962, 2469), (1001, 2523), (1016, 2559), (1024, 2571), (1078, 2610), (1143, 2697), (1181, 2742), (1183, 2745),

Gene: Kudefre_12 Start: 4947, Stop: 6422, Start Num: 176
Candidate Starts for Kudefre_12:
(Start: 176 @4947 has 8 MA's), (281, 5094), (313, 5133), (319, 5145), (390, 5268), (439, 5355), (466, 5412), (500, 5469), (516, 5511), (520, 5523), (532, 5547), (540, 5571), (572, 5613), (699, 5793), (738, 5835), (788, 5916), (804, 5961), (822, 5985), (861, 6030), (912, 6090), (964, 6153), (968, 6159), (1013, 6231), (1024, 6249), (1049, 6267), (1134, 6366), (1146, 6384), (1173, 6414),

Gene: Kugel_12 Start: 7046, Stop: 8737, Start Num: 95
Candidate Starts for Kugel_12:
(Start: 95 @7046 has 435 MA's), (311, 7310), (333, 7361), (411, 7496), (469, 7607), (479, 7631), (510, 7697), (518, 7721), (598, 7889), (642, 8009), (644, 8012), (800, 8210), (813, 8237), (867, 8309), (882, 8321), (904, 8342), (942, 8399), (985, 8456), (1070, 8546), (1072, 8549), (1142, 8660), (1145, 8663), (1168, 8693), (1193, 8723), (1196, 8726),

Gene: Kuleana_3 Start: 777, Stop: 2342, Start Num: 191
Candidate Starts for Kuleana_3:
(131, 690), (Start: 134 @696 has 16 MA's), (Start: 191 @777 has 2 MA's), (248, 864), (254, 876), (Start: 272 @900 has 48 MA's), (315, 954), (319, 963), (333, 999), (342, 1017), (464, 1200), (498, 1251), (505, 1263), (521, 1314), (526, 1326), (531, 1332), (548, 1374), (559, 1395), (569, 1410), (589, 1467), (787, 1782), (829, 1848), (862, 1893), (903, 1932), (909, 1941), (912, 1944), (923, 1965), (950, 2004), (956, 2010), (958, 2013), (1046, 2142), (1122, 2247), (1125, 2250), (1144, 2277), (1147, 2280), (1154, 2292), (1161, 2301), (1187, 2328), (1190, 2331), (1192, 2334),

Gene: Kumao_13 Start: 4256, Stop: 5845, Start Num: 104
Candidate Starts for Kumao_13:
(Start: 104 @4256 has 36 MA's), (209, 4373), (279, 4472), (282, 4475), (350, 4610), (392, 4676), (419, 4715), (425, 4727), (470, 4787), (496, 4832), (512, 4868), (513, 4871), (516, 4880), (643, 5078), (664, 5111), (713, 5183), (738, 5204), (789, 5297), (790, 5303), (857, 5396), (861, 5405), (907, 5462), (912, 5468), (928, 5492), (977, 5555), (999, 5585), (1024, 5636), (1111, 5723), (1140, 5768), (1143, 5774), (1155, 5792),

Gene: Kureo_17 Start: 7948, Stop: 9732, Start Num: 187
Candidate Starts for Kureo_17:
(Start: 183 @7942 has 2 MA's), (Start: 187 @7948 has 203 MA's), (254, 8047), (388, 8296), (413, 8344), (444, 8422), (454, 8443), (492, 8512), (530, 8614), (549, 8659), (555, 8671), (578, 8728), (604, 8800), (644, 8899), (680, 8956), (685, 8971), (726, 9028), (771, 9097), (778, 9109), (833, 9202), (868, 9262), (876, 9280), (879, 9286), (929, 9349), (931, 9352), (954, 9391), (1045, 9523), (1059, 9556), (1071, 9580), (1080, 9592), (1094, 9610), (1136, 9682), (1139, 9685),

Gene: Kurt_24 Start: 13154, Stop: 14881, Start Num: 110
Candidate Starts for Kurt_24:
(22, 12920), (49, 13049), (Start: 110 @13154 has 12 MA's), (222, 13304), (247, 13355), (251, 13361), (281, 13400), (299, 13430), (315, 13454), (324, 13472), (332, 13499), (359, 13562), (369, 13580), (514, 13865), (523, 13892), (565, 13976), (604, 14060), (608, 14072), (621, 14105), (675, 14183), (741, 14261), (800, 14333), (818, 14366), (855, 14429), (869, 14456), (893, 14480), (908, 14504), (988, 14603), (1013, 14651), (1139, 14789), (1157, 14819), (1200, 14873),

Gene: Kuwabara_2 Start: 486, Stop: 2147, Start Num: 143
Candidate Starts for Kuwabara_2:
(48, 324), (60, 357), (Start: 62 @360 has 1 MA's), (90, 411), (97, 420), (Start: 125 @453 has 1 MA's), (Start: 143 @486 has 83 MA's), (Start: 191 @537 has 2 MA's), (200, 549), (216, 576), (295, 666), (300, 681), (324, 720), (334, 747), (339, 756), (341, 759), (362, 792), (386, 843), (405, 879), (406, 882), (411, 888), (422, 903), (423, 906), (437, 942), (469, 996), (497, 1047), (510, 1071), (550, 1158), (581, 1218), (598, 1263), (609, 1299), (624, 1341), (645, 1395), (661, 1419), (678, 1443), (727, 1503), (738, 1509), (789, 1572), (812, 1626), (825, 1644), (862, 1701), (869, 1713), (901, 1740), (959, 1821), (981, 1851), (1005, 1890), (1016, 1914), (1081, 1962), (1083, 1965), (1142, 2058), (1145, 2061), (1157, 2079), (1165, 2088), (1172, 2100), (1204, 2136),

Gene: KyMonks1A_13 Start: 7323, Stop: 9011, Start Num: 95
Candidate Starts for KyMonks1A_13:
(Start: 95 @7323 has 435 MA's), (Start: 258 @7503 has 2 MA's), (311, 7587), (327, 7623), (339, 7650), (411, 7773), (469, 7881), (510, 7971), (518, 7995), (534, 8022), (553, 8070), (620, 8226), (644, 8286), (813, 8511), (819, 8520), (832, 8532), (862, 8574), (882, 8595), (908, 8622), (985, 8730), (1070, 8820), (1139, 8925),

Gene: Kyee_11 Start: 6885, Stop: 8582, Start Num: 95
Candidate Starts for Kyee_11:
(27, 6708), (30, 6726), (35, 6756), (Start: 95 @6885 has 435 MA's), (Start: 122 @6909 has 1 MA's), (Start: 207 @7032 has 2 MA's), (293, 7122), (311, 7155), (362, 7254), (408, 7338), (411, 7341), (432, 7380), (469, 7449), (479, 7473), (510, 7539), (550, 7629), (620, 7794), (661, 7881), (685, 7914), (740, 7980), (798, 8052), (800, 8055), (812, 8079), (852, 8130), (862, 8145), (901, 8184), (916, 8205), (985, 8301), (1168, 8538), (1193, 8568), (1196, 8571),

Gene: Kykar_9 Start: 6543, Stop: 8234, Start Num: 95
Candidate Starts for Kykar_9:
(Start: 95 @6543 has 435 MA's), (Start: 258 @6723 has 2 MA's), (311, 6807), (333, 6858), (411, 6993), (469, 7104), (479, 7128), (510, 7194), (518, 7218), (598, 7386), (642, 7506), (644, 7509), (800, 7707), (813, 7734), (867, 7806), (882, 7818), (904, 7839), (942, 7896), (985, 7953), (1070, 8043), (1072, 8046), (1142, 8157), (1145, 8160), (1168, 8190), (1193, 8220), (1196, 8223),

Gene: KylieMac_5 Start: 787, Stop: 2277, Start Num: 146
Candidate Starts for KylieMac_5:
(Start: 146 @787 has 40 MA's), (181, 832), (255, 934), (274, 961), (313, 1012), (319, 1024), (330, 1054), (337, 1066), (345, 1081), (390, 1147), (422, 1192), (474, 1279), (486, 1303), (488, 1306), (491, 1309), (513, 1354), (521, 1378), (525, 1387), (562, 1453), (612, 1516), (616, 1528), (642, 1570), (650, 1588), (694, 1648), (748, 1705), (768, 1717), (781, 1741), (789, 1759), (838, 1837), (874, 1891), (930, 1945), (940, 1957), (945, 1966), (1002, 2041), (1005, 2050), (1018, 2077), (1081, 2134), (1122, 2188), (1175, 2260),

Gene: KyriosFaba_3 Start: 1074, Stop: 2534, Start Num: 149
Candidate Starts for KyriosFaba_3:
(Start: 149 @1074 has 162 MA's), (Start: 154 @1080 has 4 MA's), (Start: 272 @1242 has 48 MA's), (278, 1251), (315, 1311), (348, 1380), (366, 1401), (394, 1452), (520, 1656), (642, 1869), (649, 1884), (674, 1920), (703, 1962), (739, 1995), (765, 2013), (834, 2133), (835, 2136), (848, 2148), (905, 2223), (944, 2286), (958, 2304), (960, 2307), (1098, 2469), (1104, 2478), (1110, 2487), (1135, 2526),

Gene: L5_13 Start: 6626, Stop: 8407, Start Num: 96
Candidate Starts for L5_13:
(28, 6467), (Start: 96 @6626 has 243 MA's), (Start: 207 @6770 has 2 MA's), (227, 6815), (250, 6857), (300, 6944), (329, 6998), (408, 7139), (411, 7142), (432, 7181), (469, 7250), (510, 7340), (518, 7364),

(583, 7493), (584, 7496), (901, 8009), (904, 8012), (916, 8030), (979, 8114), (985, 8126), (1168, 8363), (1191, 8390), (1193, 8393), (1196, 8396),

Gene: LBerry_13 Start: 6957, Stop: 8657, Start Num: 102
Candidate Starts for LBerry_13:
(Start: 102 @6957 has 88 MA's), (137, 7005), (253, 7140), (362, 7332), (411, 7419), (510, 7617), (550, 7707), (583, 7770), (644, 7932), (800, 8130), (812, 8154), (813, 8157), (862, 8220), (882, 8241), (916, 8280), (985, 8376), (1014, 8430), (1070, 8466), (1168, 8613), (1193, 8643), (1196, 8646),

Gene: LHTSCC_11 Start: 6861, Stop: 8558, Start Num: 95
Candidate Starts for LHTSCC_11:
(Start: 95 @6861 has 435 MA's), (Start: 122 @6885 has 1 MA's), (Start: 207 @7008 has 2 MA's), (293, 7098), (311, 7131), (408, 7314), (411, 7317), (432, 7356), (469, 7425), (479, 7449), (510, 7515), (550, 7605), (620, 7770), (661, 7857), (685, 7890), (740, 7956), (798, 8028), (812, 8055), (852, 8106), (862, 8121), (901, 8160), (916, 8181), (985, 8277), (1168, 8514), (1193, 8544), (1196, 8547),

Gene: LadyAstra_2 Start: 553, Stop: 2268, Start Num: 93
Candidate Starts for LadyAstra_2:
(Start: 93 @553 has 92 MA's), (Start: 191 @652 has 2 MA's), (373, 925), (400, 976), (411, 994), (436, 1042), (440, 1054), (482, 1135), (570, 1309), (603, 1396), (687, 1522), (813, 1711), (869, 1795), (985, 1939), (997, 1954), (1081, 2083), (1150, 2191), (1201, 2254),

Gene: LadyBird_12 Start: 7410, Stop: 9197, Start Num: 96
Candidate Starts for LadyBird_12:
(Start: 96 @7410 has 243 MA's), (179, 7518), (193, 7539), (250, 7647), (262, 7671), (408, 7929), (411, 7932), (469, 8040), (510, 8130), (518, 8154), (580, 8271), (584, 8286), (733, 8586), (869, 8772), (901, 8799), (916, 8820), (985, 8916), (1168, 9153), (1191, 9180), (1193, 9183),

Gene: Lahqtemish_3 Start: 769, Stop: 2394, Start Num: 171
Candidate Starts for Lahqtemish_3:
(Start: 171 @769 has 84 MA's), (278, 925), (342, 1033), (398, 1117), (426, 1162), (498, 1267), (521, 1330), (532, 1351), (558, 1408), (747, 1744), (838, 1876), (923, 1978), (1095, 2227), (1129, 2275), (1187, 2344),

Gene: Laila_5 Start: 800, Stop: 2290, Start Num: 146
Candidate Starts for Laila_5:
(Start: 146 @800 has 40 MA's), (181, 845), (255, 947), (274, 974), (313, 1025), (319, 1037), (330, 1067), (337, 1079), (345, 1094), (390, 1160), (422, 1205), (474, 1292), (486, 1316), (488, 1319), (491, 1322), (513, 1367), (521, 1391), (525, 1400), (562, 1466), (612, 1529), (616, 1541), (642, 1583), (650, 1601), (694, 1661), (748, 1718), (768, 1730), (781, 1754), (789, 1772), (838, 1850), (874, 1904), (930, 1958), (940, 1970), (945, 1979), (1002, 2054), (1005, 2063), (1018, 2090), (1081, 2147), (1122, 2201), (1175, 2273),

Gene: Lakshmi_5 Start: 3282, Stop: 4673, Start Num: 246
Candidate Starts for Lakshmi_5:
(Start: 129 @3108 has 79 MA's), (Start: 246 @3282 has 12 MA's), (254, 3297), (Start: 268 @3318 has 4 MA's), (313, 3372), (317, 3381), (330, 3414), (342, 3438), (485, 3678), (496, 3693), (500, 3699), (521, 3759), (548, 3819), (625, 3918), (637, 3948), (642, 3963), (672, 4011), (692, 4044), (768, 4131), (804, 4206), (861, 4275), (923, 4350), (939, 4371), (982, 4392), (1022, 4461), (1055, 4488), (1095, 4539), (1122, 4578), (1144, 4608), (1151, 4620), (1192, 4659), (1204, 4668),

Gene: Lambert1_12 Start: 7044, Stop: 8741, Start Num: 95
Candidate Starts for Lambert1_12:

(Start: 95 @7044 has 435 MA's), (Start: 122 @7068 has 1 MA's), (311, 7314), (403, 7488), (411, 7500), (432, 7539), (438, 7551), (469, 7608), (479, 7632), (510, 7698), (513, 7707), (550, 7788), (570, 7821), (620, 7953), (623, 7965), (647, 8019), (661, 8040), (685, 8073), (732, 8127), (800, 8214), (812, 8238), (813, 8241), (817, 8247), (825, 8256), (862, 8304), (901, 8343), (904, 8346), (916, 8364), (985, 8460), (1014, 8514), (1145, 8667), (1168, 8697), (1193, 8727), (1196, 8730),

Gene: Lamina13_11 Start: 6599, Stop: 8287, Start Num: 95
Candidate Starts for Lamina13_11:
(Start: 95 @6599 has 435 MA's), (Start: 258 @6779 has 2 MA's), (311, 6863), (323, 6887), (411, 7049), (430, 7082), (469, 7157), (510, 7247), (518, 7271), (534, 7298), (553, 7346), (620, 7502), (622, 7511), (644, 7562), (819, 7796), (832, 7808), (862, 7850), (882, 7871), (908, 7898), (985, 8006), (1070, 8096), (1139, 8201),

Gene: Landor_13 Start: 9202, Stop: 10980, Start Num: 96
Candidate Starts for Landor_13:
(Start: 96 @9202 has 243 MA's), (Start: 120 @9220 has 11 MA's), (200, 9331), (Start: 207 @9343 has 2 MA's), (226, 9385), (231, 9397), (235, 9406), (250, 9430), (300, 9517), (408, 9712), (411, 9715), (432, 9754), (469, 9823), (510, 9913), (518, 9937), (570, 10036), (584, 10069), (733, 10369), (800, 10456), (869, 10555), (901, 10582), (916, 10603), (985, 10699), (1168, 10936), (1191, 10963), (1193, 10966),

Gene: Lannister_7 Start: 2384, Stop: 4030, Start Num: 73
Candidate Starts for Lannister_7:
(Start: 73 @2384 has 95 MA's), (283, 2606), (326, 2687), (400, 2822), (413, 2843), (437, 2888), (458, 2930), (497, 3002), (510, 3026), (556, 3125), (584, 3179), (673, 3338), (719, 3398), (811, 3509), (869, 3599), (959, 3707), (985, 3746), (1001, 3767), (1003, 3773), (1010, 3791), (1105, 3887), (1142, 3947),

Gene: Laphuphu24k_2 Start: 370, Stop: 1992, Start Num: 149
Candidate Starts for Laphuphu24k_2:
(Start: 134 @349 has 16 MA's), (Start: 149 @370 has 162 MA's), (313, 601), (315, 604), (319, 613), (333, 649), (338, 658), (342, 667), (394, 745), (464, 850), (521, 964), (534, 988), (548, 1024), (559, 1045), (569, 1060), (589, 1120), (628, 1204), (780, 1420), (787, 1432), (798, 1459), (829, 1498), (834, 1504), (862, 1543), (889, 1570), (903, 1582), (923, 1615), (932, 1627), (956, 1660), (1072, 1831), (1125, 1900), (1129, 1906), (1144, 1927), (1159, 1948), (1187, 1978), (1190, 1981), (1192, 1984),

Gene: LappelDuVide_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for LappelDuVide_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Larenn_13 Start: 7730, Stop: 9493, Start Num: 96
Candidate Starts for Larenn_13:
(Start: 96 @7730 has 243 MA's), (179, 7838), (193, 7859), (250, 7967), (262, 7991), (408, 8252), (411, 8255), (432, 8294), (469, 8363), (510, 8453), (518, 8477), (580, 8594), (584, 8609), (732, 8882), (800, 8969), (806, 8981), (812, 8993), (852, 9041), (862, 9056), (901, 9095), (916, 9116), (985, 9212), (1168, 9449), (1191, 9476), (1193, 9479), (1196, 9482), (1199, 9485),

Gene: LarryKay_13 Start: 7043, Stop: 8743, Start Num: 102
Candidate Starts for LarryKay_13:

(Start: 102 @7043 has 88 MA's), (137, 7091), (253, 7226), (362, 7418), (411, 7505), (510, 7703), (550, 7793), (583, 7856), (644, 8018), (800, 8216), (812, 8240), (813, 8243), (862, 8306), (882, 8327), (916, 8366), (985, 8462), (1014, 8516), (1070, 8552), (1168, 8699), (1193, 8729), (1196, 8732),

Gene: Lasagna_2 Start: 426, Stop: 1991, Start Num: 129
Candidate Starts for Lasagna_2:
(Start: 129 @426 has 79 MA's), (211, 549), (248, 603), (Start: 268 @636 has 4 MA's), (Start: 272 @639 has 48 MA's), (313, 690), (317, 699), (330, 732), (338, 747), (342, 756), (364, 780), (452, 942), (521, 1077), (532, 1098), (548, 1137), (625, 1236), (637, 1266), (642, 1281), (661, 1314), (692, 1362), (694, 1371), (768, 1449), (787, 1485), (804, 1524), (838, 1566), (861, 1593), (912, 1647), (939, 1689), (1001, 1734), (1008, 1755), (1022, 1779), (1095, 1857),

Gene: LastJedi_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for LastJedi_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (147, 617), (Start: 158 @629 has 2 MA's), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (244, 758), (312, 845), (352, 905), (369, 917), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (415, 998), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (601, 1388), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1024, 1979), (1069, 2006), (1094, 2039), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: LastResort_14 Start: 6686, Stop: 8383, Start Num: 96
Candidate Starts for LastResort_14:
(Start: 96 @6686 has 243 MA's), (Start: 118 @6704 has 1 MA's), (253, 6866), (339, 7022), (381, 7091), (411, 7145), (469, 7253), (480, 7280), (510, 7343), (518, 7367), (812, 7883), (862, 7946), (904, 7988), (985, 8102), (1081, 8207), (1168, 8339), (1191, 8366), (1193, 8369), (1196, 8372),

Gene: Latretium_2 Start: 571, Stop: 2208, Start Num: 111
Candidate Starts for Latretium_2:
(Start: 111 @571 has 202 MA's), (Start: 118 @580 has 1 MA's), (Start: 129 @595 has 79 MA's), (Start: 158 @628 has 2 MA's), (Start: 185 @652 has 2 MA's), (188, 655), (224, 718), (230, 736), (244, 757), (312, 844), (315, 850), (352, 904), (377, 928), (381, 937), (383, 940), (392, 961), (404, 982), (415, 997), (440, 1054), (461, 1093), (502, 1162), (505, 1168), (514, 1198), (515, 1201), (518, 1210), (523, 1225), (534, 1243), (557, 1294), (601, 1387), (604, 1396), (711, 1567), (726, 1579), (800, 1663), (816, 1693), (818, 1696), (820, 1699), (869, 1756), (884, 1771), (889, 1777), (893, 1780), (901, 1795), (908, 1804), (957, 1873), (982, 1903), (988, 1912), (1006, 1945), (1014, 1963), (1024, 1978), (1069, 2005), (1094, 2038), (1112, 2065), (1114, 2068), (1127, 2089), (1139, 2113), (1142, 2122), (1145, 2125), (1184, 2182),

Gene: Lauer_3 Start: 958, Stop: 2634, Start Num: 143
Candidate Starts for Lauer_3:
(Start: 143 @958 has 83 MA's), (Start: 191 @1009 has 2 MA's), (205, 1030), (254, 1075), (300, 1153), (334, 1219), (386, 1315), (405, 1351), (411, 1360), (413, 1363), (434, 1411), (438, 1423), (482, 1510), (574, 1690), (598, 1744), (678, 1924), (697, 1957), (776, 2023), (803, 2089), (806, 2095), (862, 2179), (929, 2260), (954, 2293), (1003, 2362), (1081, 2440), (1145, 2539), (1165, 2560), (1168, 2566), (1213, 2620), (1214, 2623),

Gene: LaviMo_3 Start: 1086, Stop: 2546, Start Num: 149
Candidate Starts for LaviMo_3:
(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (642, 1881), (649, 1896),

(674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: LeBron_4 Start: 1059, Stop: 2636, Start Num: 99
Candidate Starts for LeBron_4:
(Start: 93 @1053 has 92 MA's), (Start: 99 @1059 has 9 MA's), (238, 1230), (304, 1317), (313, 1335), (316, 1341), (330, 1377), (420, 1515), (422, 1518), (464, 1593), (496, 1650), (498, 1653), (591, 1821), (632, 1875), (637, 1884), (643, 1899), (653, 1920), (685, 1959), (694, 1980), (699, 1986), (722, 2013), (759, 2055), (776, 2079), (786, 2097), (789, 2106), (790, 2112), (804, 2145), (834, 2178), (862, 2217), (865, 2223), (867, 2226), (912, 2271), (962, 2337), (999, 2388), (1005, 2403), (1008, 2412), (1016, 2427), (1018, 2430), (1125, 2532), (1140, 2559), (1181, 2610), (1183, 2613),

Gene: Leafy_3 Start: 1092, Stop: 2552, Start Num: 149
Candidate Starts for Leafy_3:
(Start: 149 @1092 has 162 MA's), (Start: 154 @1098 has 4 MA's), (Start: 272 @1260 has 48 MA's), (278, 1269), (315, 1329), (348, 1398), (366, 1419), (394, 1470), (520, 1674), (592, 1809), (642, 1887), (649, 1902), (674, 1938), (703, 1980), (739, 2013), (765, 2031), (834, 2151), (835, 2154), (848, 2166), (905, 2241), (944, 2304), (958, 2322), (960, 2325), (1098, 2487), (1104, 2496), (1110, 2505), (1135, 2544),

Gene: Leathea_8 Start: 3424, Stop: 5157, Start Num: 187
Candidate Starts for Leathea_8:
(Start: 187 @3424 has 203 MA's), (254, 3523), (413, 3808), (444, 3886), (454, 3907), (492, 3976), (530, 4078), (539, 4102), (570, 4159), (578, 4192), (604, 4264), (630, 4330), (644, 4363), (685, 4435), (726, 4492), (771, 4561), (778, 4573), (876, 4705), (929, 4774), (931, 4777), (1059, 4981), (1060, 4984), (1071, 5005), (1080, 5017), (1089, 5029), (1112, 5062), (1136, 5107), (1139, 5110),

Gene: Lederberg_2 Start: 374, Stop: 1957, Start Num: 169
Candidate Starts for Lederberg_2:
(Start: 167 @371 has 4 MA's), (Start: 169 @374 has 6 MA's), (Start: 171 @380 has 84 MA's), (288, 551), (313, 629), (317, 638), (420, 812), (490, 914), (494, 920), (500, 929), (505, 938), (525, 998), (547, 1046), (548, 1049), (613, 1112), (649, 1205), (701, 1271), (807, 1427), (823, 1445), (863, 1490), (889, 1532), (918, 1568), (927, 1583), (946, 1610), (948, 1613), (959, 1628), (990, 1661), (1001, 1676), (1024, 1724), (1050, 1754), (1058, 1772), (1115, 1847), (1166, 1922), (1196, 1946),

Gene: Legacy_6 Start: 2382, Stop: 4028, Start Num: 73
Candidate Starts for Legacy_6:
(Start: 73 @2382 has 95 MA's), (Start: 86 @2400 has 10 MA's), (283, 2604), (326, 2685), (400, 2820), (413, 2841), (458, 2928), (497, 3000), (510, 3024), (556, 3123), (584, 3177), (638, 3276), (673, 3336), (806, 3498), (811, 3507), (869, 3597), (901, 3624), (957, 3702), (959, 3705), (985, 3744), (1001, 3765), (1003, 3771), (1010, 3789), (1105, 3885), (1142, 3945),

Gene: Lego_2 Start: 533, Stop: 2239, Start Num: 95
Candidate Starts for Lego_2:
(13, 242), (16, 251), (Start: 95 @533 has 435 MA's), (379, 905), (411, 962), (436, 1010), (482, 1100), (513, 1154), (570, 1274), (604, 1364), (710, 1526), (800, 1649), (985, 1904), (997, 1919), (1024, 1973), (1081, 2054), (1150, 2162),

Gene: LemonPepper_3 Start: 1074, Stop: 2534, Start Num: 149
Candidate Starts for LemonPepper_3:
(Start: 149 @1074 has 162 MA's), (Start: 154 @1080 has 4 MA's), (Start: 272 @1242 has 48 MA's), (278, 1251), (315, 1311), (348, 1380), (366, 1401), (394, 1452), (520, 1656), (642, 1869), (649, 1884), (674, 1920), (703, 1962), (739, 1995), (765, 2013), (834, 2133), (835, 2136), (848, 2148), (905, 2223),

(944, 2286), (958, 2304), (960, 2307), (1098, 2469), (1104, 2478), (1110, 2487), (1135, 2526),

Gene: Lemur_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Lemur_11:
(27, 6707), (30, 6725), (35, 6755), (Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Lennox_2 Start: 426, Stop: 1991, Start Num: 129
Candidate Starts for Lennox_2:
(Start: 129 @426 has 79 MA's), (211, 549), (248, 603), (313, 690), (330, 732), (342, 756), (364, 780), (452, 942), (521, 1077), (532, 1098), (548, 1137), (625, 1236), (637, 1266), (642, 1281), (661, 1314), (692, 1362), (694, 1371), (768, 1449), (787, 1485), (804, 1524), (834, 1557), (838, 1566), (861, 1593), (912, 1647), (939, 1689), (982, 1710), (1001, 1734), (1008, 1755), (1022, 1779), (1095, 1857),

Gene: Lenoxika_6 Start: 1956, Stop: 3656, Start Num: 163
Candidate Starts for Lenoxika_6:
(124, 1899), (Start: 146 @1935 has 40 MA's), (Start: 163 @1956 has 23 MA's), (211, 2031), (233, 2079), (Start: 246 @2100 has 12 MA's), (254, 2115), (278, 2148), (315, 2193), (333, 2238), (342, 2256), (345, 2259), (347, 2262), (426, 2385), (464, 2439), (521, 2553), (548, 2613), (559, 2634), (642, 2865), (692, 2931), (699, 2946), (796, 3117), (822, 3156), (834, 3165), (838, 3174), (869, 3216), (932, 3288), (983, 3330), (1008, 3372), (1054, 3420), (1072, 3447), (1075, 3450), (1078, 3456), (1095, 3477), (1125, 3519), (1181, 3597), (1215, 3645),

Gene: LeoAvram_11 Start: 7031, Stop: 8581, Start Num: 207
Candidate Starts for LeoAvram_11:
(27, 6707), (30, 6725), (35, 6755), (Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Leogania_14 Start: 9575, Stop: 11362, Start Num: 96
Candidate Starts for Leogania_14:
(Start: 96 @9575 has 243 MA's), (179, 9683), (193, 9704), (250, 9812), (300, 9899), (329, 9953), (408, 10094), (411, 10097), (432, 10136), (469, 10205), (510, 10295), (518, 10319), (580, 10436), (584, 10451), (733, 10751), (800, 10838), (869, 10937), (901, 10964), (916, 10985), (985, 11081), (1168, 11318), (1191, 11345), (1193, 11348),

Gene: Leona_2 Start: 373, Stop: 1995, Start Num: 149
Candidate Starts for Leona_2:
(Start: 134 @352 has 16 MA's), (Start: 149 @373 has 162 MA's), (313, 604), (319, 616), (333, 652), (342, 670), (347, 676), (394, 748), (505, 916), (521, 967), (534, 991), (548, 1027), (559, 1048), (569, 1063), (589, 1123), (628, 1207), (780, 1423), (787, 1435), (829, 1501), (834, 1507), (862, 1546), (903, 1585), (907, 1591), (923, 1618), (956, 1663), (1125, 1903), (1144, 1930), (1159, 1951), (1187, 1981), (1190, 1984),

Gene: Leperchaun_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for Leperchaun_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (244, 758), (312, 845), (352, 905), (369, 917), (377,

929), (381, 938), (383, 941), (392, 962), (404, 983), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (604, 1397), (711, 1568), (726, 1580), (748, 1598), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1024, 1979), (1069, 2006), (1094, 2039), (1112, 2066), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: Lesedi_10 Start: 6758, Stop: 8446, Start Num: 95
Candidate Starts for Lesedi_10:
(Start: 95 @6758 has 435 MA's), (311, 7022), (323, 7046), (411, 7208), (430, 7241), (469, 7316), (510, 7406), (518, 7430), (534, 7457), (553, 7505), (591, 7574), (620, 7661), (644, 7721), (819, 7955), (832, 7967), (862, 8009), (882, 8030), (908, 8057), (985, 8165), (1070, 8255), (1139, 8360),

Gene: Lev2_9 Start: 6005, Stop: 7756, Start Num: 63
Candidate Starts for Lev2_9:
(Start: 52 @5978 has 23 MA's), (Start: 63 @6005 has 32 MA's), (112, 6074), (139, 6113), (196, 6188), (200, 6194), (300, 6326), (339, 6401), (341, 6404), (420, 6539), (439, 6578), (449, 6602), (510, 6710), (526, 6755), (565, 6833), (570, 6839), (632, 7004), (647, 7037), (661, 7058), (800, 7232), (812, 7256), (813, 7259), (862, 7319), (869, 7331), (901, 7358), (916, 7379), (979, 7463), (985, 7475), (1168, 7712), (1196, 7745), (1202, 7751),

Gene: Leviathan_14 Start: 7880, Stop: 9667, Start Num: 96
Candidate Starts for Leviathan_14:
(Start: 96 @7880 has 243 MA's), (179, 7988), (193, 8009), (227, 8075), (229, 8081), (250, 8117), (262, 8141), (300, 8204), (408, 8399), (411, 8402), (469, 8510), (510, 8600), (518, 8624), (553, 8699), (580, 8741), (584, 8756), (733, 9056), (869, 9242), (901, 9269), (916, 9290), (985, 9386), (1168, 9623), (1193, 9653),

Gene: Leviticus_6 Start: 2420, Stop: 4048, Start Num: 86
Candidate Starts for Leviticus_6:
(Start: 73 @2402 has 95 MA's), (Start: 86 @2420 has 10 MA's), (283, 2624), (326, 2705), (400, 2840), (413, 2861), (458, 2948), (497, 3020), (510, 3044), (556, 3143), (584, 3197), (638, 3296), (673, 3356), (806, 3518), (811, 3527), (869, 3617), (901, 3644), (957, 3722), (959, 3725), (985, 3764), (1001, 3785), (1003, 3791), (1010, 3809), (1105, 3905), (1142, 3965),

Gene: Lewan_4 Start: 1069, Stop: 2637, Start Num: 93
Candidate Starts for Lewan_4:
(Start: 93 @1069 has 92 MA's), (Start: 99 @1075 has 9 MA's), (228, 1231), (338, 1408), (419, 1528), (422, 1534), (450, 1594), (494, 1666), (498, 1672), (509, 1693), (558, 1792), (591, 1840), (632, 1894), (643, 1918), (671, 1963), (676, 1969), (694, 1999), (699, 2005), (722, 2032), (729, 2041), (776, 2098), (779, 2104), (789, 2125), (790, 2131), (838, 2206), (845, 2209), (867, 2245), (912, 2290), (962, 2356), (1008, 2431), (1018, 2449), (1024, 2458), (1158, 2605), (1181, 2629), (1183, 2632),

Gene: Lewando_8 Start: 3539, Stop: 5272, Start Num: 187
Candidate Starts for Lewando_8:
(Start: 187 @3539 has 203 MA's), (215, 3578), (243, 3614), (254, 3638), (388, 3875), (395, 3893), (413, 3923), (444, 4001), (454, 4022), (492, 4091), (530, 4193), (539, 4217), (570, 4274), (578, 4307), (604, 4379), (644, 4478), (661, 4508), (685, 4550), (726, 4607), (778, 4688), (876, 4820), (929, 4889), (931, 4892), (992, 4985), (1059, 5096), (1071, 5120), (1080, 5132), (1089, 5144), (1136, 5222), (1139, 5225),

Gene: LibertyBell_7 Start: 2767, Stop: 4512, Start Num: 187
Candidate Starts for LibertyBell_7:

(Start: 187 @2767 has 203 MA's), (195, 2773), (229, 2821), (252, 2860), (254, 2866), (388, 3115), (444, 3241), (454, 3262), (480, 3316), (522, 3415), (530, 3433), (545, 3469), (555, 3490), (584, 3565), (604, 3619), (644, 3718), (665, 3754), (726, 3847), (771, 3916), (863, 4033), (866, 4039), (868, 4042), (876, 4060), (929, 4129), (931, 4132), (1012, 4270), (1059, 4336), (1060, 4339), (1071, 4360), (1080, 4372), (1139, 4465), (1145, 4477),

Gene: Licorice_13 Start: 7615, Stop: 9303, Start Num: 95
Candidate Starts for Licorice_13:
(Start: 95 @7615 has 435 MA's), (311, 7879), (323, 7903), (411, 8065), (430, 8098), (469, 8173), (510, 8263), (518, 8287), (534, 8314), (553, 8362), (620, 8518), (644, 8578), (813, 8803), (819, 8812), (832, 8824), (862, 8866), (882, 8887), (908, 8914), (985, 9022), (1070, 9112), (1139, 9217),

Gene: Liebe_2 Start: 532, Stop: 2271, Start Num: 95
Candidate Starts for Liebe_2:
(Start: 95 @532 has 435 MA's), (Start: 142 @592 has 2 MA's), (Start: 149 @601 has 162 MA's), (Start: 191 @655 has 2 MA's), (293, 778), (365, 916), (373, 928), (386, 952), (411, 997), (436, 1045), (482, 1138), (532, 1237), (534, 1240), (560, 1297), (603, 1399), (604, 1402), (647, 1468), (687, 1525), (726, 1594), (813, 1714), (959, 1906), (985, 1942), (997, 1957), (1105, 2122), (1150, 2194), (1165, 2209), (1167, 2212), (1201, 2257),

Gene: Lika_6 Start: 2381, Stop: 4027, Start Num: 73
Candidate Starts for Lika_6:
(Start: 73 @2381 has 95 MA's), (Start: 86 @2399 has 10 MA's), (283, 2603), (300, 2639), (400, 2819), (413, 2840), (458, 2927), (497, 2999), (510, 3023), (556, 3122), (565, 3137), (580, 3161), (581, 3167), (673, 3335), (800, 3485), (811, 3506), (869, 3596), (959, 3704), (985, 3743), (1001, 3764), (1003, 3770), (1010, 3788), (1142, 3944),

Gene: LilBib_12 Start: 7558, Stop: 9246, Start Num: 95
Candidate Starts for LilBib_12:
(Start: 95 @7558 has 435 MA's), (Start: 258 @7738 has 2 MA's), (311, 7822), (327, 7858), (339, 7885), (411, 8008), (469, 8116), (510, 8206), (518, 8230), (534, 8257), (553, 8305), (620, 8461), (644, 8521), (819, 8755), (832, 8767), (862, 8809), (882, 8830), (908, 8857), (985, 8965), (1070, 9055), (1139, 9160),

Gene: LilDestine_4 Start: 1069, Stop: 2637, Start Num: 93
Candidate Starts for LilDestine_4:
(Start: 93 @1069 has 92 MA's), (Start: 99 @1075 has 9 MA's), (228, 1231), (419, 1528), (422, 1534), (450, 1594), (494, 1666), (498, 1672), (509, 1693), (558, 1792), (591, 1840), (632, 1894), (643, 1918), (671, 1963), (676, 1969), (694, 1999), (699, 2005), (722, 2032), (729, 2041), (776, 2098), (779, 2104), (789, 2125), (790, 2131), (838, 2206), (845, 2209), (867, 2245), (912, 2290), (962, 2356), (1008, 2431), (1018, 2449), (1024, 2458), (1158, 2605), (1181, 2629), (1183, 2632),

Gene: LilHazelnut_5 Start: 1855, Stop: 3489, Start Num: 61
Candidate Starts for LilHazelnut_5:
(Start: 61 @1855 has 21 MA's), (Start: 98 @1894 has 3 MA's), (156, 1942), (Start: 280 @2113 has 2 MA's), (313, 2152), (421, 2332), (427, 2341), (431, 2350), (464, 2413), (468, 2419), (511, 2503), (512, 2506), (513, 2509), (558, 2605), (559, 2608), (564, 2617), (621, 2683), (643, 2713), (658, 2740), (685, 2773), (696, 2794), (698, 2797), (767, 2893), (779, 2914), (829, 3004), (859, 3046), (869, 3064), (872, 3070), (932, 3133), (936, 3139), (939, 3142), (972, 3187), (979, 3193), (999, 3220), (1005, 3235), (1046, 3286), (1053, 3295), (1068, 3310), (1070, 3313), (1102, 3352), (1116, 3367), (1123, 3382), (1126, 3385), (1197, 3463), (1203, 3469),

Gene: LilHuddy_7 Start: 3531, Stop: 5270, Start Num: 187

Candidate Starts for LilHuddy_7:
(Start: 183 @3525 has 2 MA's), (Start: 187 @3531 has 203 MA's), (254, 3630), (322, 3750), (376, 3849), (413, 3921), (444, 3999), (454, 4020), (506, 4122), (530, 4191), (539, 4215), (543, 4224), (604, 4377), (634, 4452), (644, 4476), (704, 4581), (726, 4605), (778, 4686), (868, 4800), (876, 4818), (914, 4863), (916, 4866), (929, 4887), (931, 4890), (1051, 5070), (1059, 5094), (1071, 5118), (1080, 5130), (1094, 5148), (1136, 5220), (1139, 5223),

Gene: LilJank_12 Start: 4868, Stop: 6313, Start Num: 176
Candidate Starts for LilJank_12:
(Start: 176 @4868 has 8 MA's), (313, 5054), (366, 5147), (417, 5228), (424, 5240), (439, 5273), (450, 5279), (464, 5297), (470, 5306), (513, 5390), (516, 5399), (540, 5459), (559, 5477), (643, 5597), (658, 5624), (706, 5693), (738, 5723), (779, 5789), (838, 5894), (861, 5921), (912, 5981), (932, 6005), (964, 6044), (1005, 6107), (1049, 6158), (1106, 6215),

Gene: LilMoolah_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for LilMoolah_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (147, 617), (Start: 185 @653 has 2 MA's), (188, 656), (200, 674), (224, 719), (244, 758), (312, 845), (315, 851), (352, 905), (369, 917), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (601, 1388), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1024, 1979), (1069, 2006), (1094, 2039), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: LilStuart_2 Start: 426, Stop: 1991, Start Num: 129
Candidate Starts for LilStuart_2:
(Start: 129 @426 has 79 MA's), (211, 549), (248, 603), (Start: 268 @636 has 4 MA's), (Start: 272 @639 has 48 MA's), (313, 690), (317, 699), (330, 732), (338, 747), (342, 756), (364, 780), (452, 942), (521, 1077), (532, 1098), (548, 1137), (625, 1236), (637, 1266), (642, 1281), (661, 1314), (692, 1362), (694, 1371), (768, 1449), (787, 1485), (804, 1524), (838, 1566), (861, 1593), (912, 1647), (939, 1689), (1001, 1734), (1008, 1755), (1022, 1779), (1095, 1857),

Gene: LilTurb_14 Start: 7907, Stop: 9694, Start Num: 96
Candidate Starts for LilTurb_14:
(Start: 96 @7907 has 243 MA's), (179, 8015), (193, 8036), (227, 8102), (229, 8108), (250, 8144), (262, 8168), (300, 8231), (408, 8426), (411, 8429), (469, 8537), (510, 8627), (518, 8651), (553, 8726), (580, 8768), (584, 8783), (733, 9083), (869, 9269), (901, 9296), (916, 9317), (985, 9413), (1168, 9650), (1193, 9680),

Gene: Lilac_10 Start: 2301, Stop: 3971, Start Num: 273
Candidate Starts for Lilac_10:
(Start: 273 @2301 has 1 MA's), (309, 2364), (435, 2598), (487, 2700), (570, 2880), (576, 2904), (585, 2922), (595, 2934), (616, 2997), (621, 3009), (642, 3054), (649, 3069), (700, 3147), (728, 3192), (759, 3246), (760, 3252), (814, 3366), (841, 3414), (910, 3510), (922, 3531), (933, 3546), (1014, 3699), (1022, 3711), (1065, 3768), (1091, 3804), (1124, 3855), (1142, 3891), (1145, 3894), (1193, 3960),

Gene: Lilas_2 Start: 485, Stop: 2284, Start Num: 71
Candidate Starts for Lilas_2:
(Start: 71 @485 has 22 MA's), (170, 623), (195, 650), (295, 782), (300, 797), (347, 881), (365, 911), (373, 923), (378, 932), (398, 971), (411, 992), (441, 1052), (456, 1076), (495, 1148), (513, 1184), (527, 1220), (571, 1310), (580, 1331), (596, 1376), (598, 1382), (603, 1400), (608, 1415), (745, 1589), (778, 1616), (813, 1685), (817, 1691), (862, 1757), (869, 1769), (884, 1796), (959, 1907), (979, 1943), (985,

1955), (990, 1961), (1000, 1979), (1011, 2006), (1025, 2030), (1077, 2093), (1105, 2135), (1141, 2192), (1150, 2207), (1165, 2222), (1204, 2270), (1206, 2273),

Gene: Lilbit_34 Start: 11121, Stop: 12863, Start Num: 143
Candidate Starts for Lilbit_34:
(Start: 143 @11121 has 83 MA's), (253, 11238), (283, 11283), (305, 11349), (306, 11364), (323, 11397), (324, 11400), (329, 11415), (341, 11439), (342, 11442), (362, 11472), (375, 11493), (378, 11511), (383, 11520), (402, 11556), (411, 11571), (434, 11616), (458, 11658), (477, 11697), (482, 11709), (497, 11730), (519, 11781), (534, 11802), (635, 12024), (697, 12129), (704, 12138), (749, 12171), (776, 12192), (778, 12195), (789, 12222), (800, 12252), (806, 12264), (813, 12279), (819, 12288), (825, 12294), (852, 12336), (858, 12345), (865, 12360), (882, 12375), (929, 12435), (954, 12474), (980, 12507), (1001, 12537), (1002, 12540), (1040, 12624), (1081, 12678), (1092, 12693), (1113, 12720), (1142, 12774), (1211, 12846), (1213, 12849),

Gene: Lilbooboo_2 Start: 588, Stop: 2150, Start Num: 280
Candidate Starts for Lilbooboo_2:
(Start: 280 @588 has 2 MA's), (411, 813), (435, 861), (475, 942), (476, 945), (487, 966), (489, 969), (513, 1017), (528, 1050), (539, 1080), (547, 1095), (570, 1134), (597, 1188), (649, 1311), (683, 1344), (759, 1476), (795, 1539), (799, 1545), (835, 1614), (841, 1620), (869, 1665), (872, 1671), (910, 1719), (974, 1824), (975, 1827), (984, 1845), (1003, 1872), (1028, 1920), (1088, 2001), (1117, 2025), (1118, 2028), (1163, 2100),

Gene: Lilbunny_15 Start: 7514, Stop: 9268, Start Num: 96
Candidate Starts for Lilbunny_15:
(Start: 96 @7514 has 243 MA's), (200, 7646), (250, 7745), (262, 7769), (283, 7796), (300, 7832), (339, 7907), (411, 8030), (420, 8045), (432, 8069), (469, 8138), (479, 8162), (480, 8165), (510, 8228), (518, 8252), (583, 8381), (584, 8384), (623, 8495), (732, 8657), (800, 8744), (806, 8756), (812, 8768), (852, 8816), (862, 8831), (901, 8870), (916, 8891), (979, 8975), (985, 8987), (1168, 9224), (1191, 9251), (1193, 9254),

Gene: LilhomieP_13 Start: 4719, Stop: 6263, Start Num: 130
Candidate Starts for LilhomieP_13:
(Start: 130 @4719 has 21 MA's), (Start: 163 @4767 has 23 MA's), (315, 4968), (392, 5106), (512, 5298), (643, 5508), (676, 5559), (729, 5631), (789, 5694), (796, 5718), (804, 5733), (857, 5793), (862, 5805), (907, 5865), (930, 5898), (959, 5931), (977, 5958), (1007, 6006), (1143, 6192), (1158, 6213),

Gene: Lilith_13 Start: 6950, Stop: 8650, Start Num: 102
Candidate Starts for Lilith_13:
(Start: 102 @6950 has 88 MA's), (137, 6998), (253, 7133), (362, 7325), (411, 7412), (510, 7610), (550, 7700), (583, 7763), (644, 7925), (800, 8123), (812, 8147), (813, 8150), (862, 8213), (882, 8234), (916, 8273), (985, 8369), (1014, 8423), (1070, 8459), (1168, 8606), (1193, 8636), (1196, 8639),

Gene: Lilizi_10 Start: 2512, Stop: 4182, Start Num: 272
Candidate Starts for Lilizi_10:
(Start: 272 @2512 has 48 MA's), (309, 2575), (435, 2809), (487, 2911), (570, 3091), (576, 3115), (585, 3133), (595, 3145), (616, 3208), (621, 3220), (642, 3265), (649, 3280), (700, 3358), (728, 3403), (759, 3457), (760, 3463), (814, 3577), (910, 3721), (933, 3757), (1014, 3910), (1022, 3922), (1065, 3979), (1091, 4015), (1124, 4066), (1142, 4102), (1145, 4105), (1193, 4171),

Gene: Lilleskat_11 Start: 8130, Stop: 9896, Start Num: 120
Candidate Starts for Lilleskat_11:
(Start: 96 @8109 has 243 MA's), (Start: 114 @8124 has 11 MA's), (Start: 120 @8130 has 11 MA's), (200, 8241), (250, 8340), (339, 8502), (381, 8574), (411, 8628), (432, 8667), (469, 8739), (510, 8829),

(518, 8853), (580, 8970), (584, 8985), (622, 9093), (659, 9168), (685, 9204), (717, 9264), (806, 9384), (817, 9405), (852, 9444), (901, 9498), (904, 9501), (916, 9519), (954, 9573), (979, 9603), (985, 9615), (1070, 9705), (1083, 9723), (1168, 9852), (1191, 9879), (1193, 9882),

Gene: Lillie_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Lillie_8:
(Start: 104 @3156 has 36 MA's), (Start: 258 @3342 has 2 MA's), (300, 3414), (311, 3426), (323, 3450), (327, 3462), (411, 3615), (420, 3630), (449, 3690), (510, 3798), (534, 3855), (618, 4053), (623, 4071), (647, 4125), (778, 4269), (798, 4308), (800, 4311), (817, 4344), (869, 4413), (985, 4557), (1010, 4602), (1081, 4662), (1142, 4761), (1168, 4794), (1191, 4821), (1193, 4824), (1196, 4827),

Gene: Lilo27_3 Start: 680, Stop: 2311, Start Num: 171
Candidate Starts for Lilo27_3:
(Start: 171 @680 has 84 MA's), (278, 836), (342, 944), (398, 1028), (415, 1052), (425, 1070), (464, 1127), (498, 1178), (500, 1181), (521, 1241), (531, 1259), (542, 1289), (558, 1319), (838, 1793), (1095, 2144), (1129, 2192), (1215, 2300),

Gene: Lilpickle_7 Start: 1729, Stop: 3399, Start Num: 272
Candidate Starts for Lilpickle_7:
(Start: 208 @1603 has 1 MA's), (Start: 246 @1681 has 12 MA's), (Start: 272 @1729 has 48 MA's), (309, 1792), (435, 2026), (487, 2128), (570, 2308), (576, 2332), (585, 2350), (595, 2362), (616, 2425), (621, 2437), (642, 2482), (649, 2497), (700, 2575), (728, 2620), (759, 2674), (760, 2680), (814, 2794), (841, 2842), (910, 2938), (922, 2959), (933, 2974), (1014, 3127), (1022, 3139), (1065, 3196), (1091, 3232), (1124, 3283), (1142, 3319), (1145, 3322), (1193, 3388),

Gene: LilyBell_2 Start: 625, Stop: 2373, Start Num: 201
Candidate Starts for LilyBell_2:
(160, 568), (164, 574), (180, 601), (Start: 201 @625 has 43 MA's), (266, 718), (340, 859), (344, 865), (364, 898), (366, 901), (437, 1039), (476, 1114), (487, 1135), (541, 1261), (596, 1363), (614, 1420), (620, 1435), (641, 1474), (731, 1630), (802, 1747), (810, 1762), (824, 1786), (840, 1819), (942, 1969), (959, 1996), (973, 2020), (980, 2038), (994, 2068), (1023, 2125), (1042, 2152), (1066, 2176), (1073, 2185), (1114, 2236), (1142, 2290),

Gene: LimaBean_3 Start: 689, Stop: 2317, Start Num: 171
Candidate Starts for LimaBean_3:
(Start: 171 @689 has 84 MA's), (278, 845), (342, 953), (398, 1037), (425, 1079), (464, 1136), (498, 1187), (500, 1190), (521, 1250), (531, 1268), (542, 1298), (558, 1328), (829, 1784), (838, 1799), (1095, 2150), (1129, 2198), (1215, 2306),

Gene: Linda_8 Start: 3618, Stop: 5366, Start Num: 187
Candidate Starts for Linda_8:
(Start: 174 @3600 has 5 MA's), (Start: 187 @3618 has 203 MA's), (252, 3711), (254, 3717), (292, 3774), (322, 3837), (413, 4014), (444, 4092), (454, 4113), (506, 4215), (530, 4284), (604, 4470), (634, 4545), (644, 4569), (704, 4674), (726, 4698), (778, 4782), (868, 4896), (876, 4914), (929, 4983), (931, 4986), (962, 5037), (992, 5079), (1051, 5166), (1060, 5193), (1071, 5214), (1080, 5226), (1094, 5244), (1139, 5319),

Gene: Link_4 Start: 800, Stop: 2290, Start Num: 146
Candidate Starts for Link_4:
(Start: 146 @800 has 40 MA's), (181, 845), (Start: 246 @929 has 12 MA's), (255, 947), (267, 965), (274, 974), (313, 1025), (315, 1028), (319, 1037), (330, 1067), (345, 1094), (415, 1193), (474, 1292), (486, 1316), (488, 1319), (491, 1322), (513, 1367), (650, 1601), (692, 1649), (694, 1661), (728, 1700), (748, 1718), (768, 1730), (770, 1733), (781, 1754), (785, 1760), (789, 1772), (838, 1850), (874, 1904),

(930, 1958), (940, 1970), (1005, 2063), (1081, 2147), (1125, 2204), (1175, 2273),

Gene: LionelHutz_3 Start: 1086, Stop: 2546, Start Num: 149
Candidate Starts for LionelHutz_3:
(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (642, 1881), (649, 1896), (674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: LionsBait_13 Start: 9186, Stop: 10973, Start Num: 96
Candidate Starts for LionsBait_13:
(Start: 96 @9186 has 243 MA's), (179, 9294), (193, 9315), (241, 9405), (250, 9423), (262, 9447), (408, 9705), (411, 9708), (432, 9747), (469, 9816), (510, 9906), (518, 9930), (580, 10047), (584, 10062), (869, 10548), (901, 10575), (916, 10596), (985, 10692), (1168, 10929), (1191, 10956), (1193, 10959),

Gene: Litotes_5 Start: 3057, Stop: 4625, Start Num: 129
Candidate Starts for Litotes_5:
(Start: 129 @3057 has 79 MA's), (252, 3243), (Start: 272 @3273 has 48 MA's), (313, 3324), (319, 3336), (330, 3366), (342, 3390), (364, 3414), (425, 3516), (464, 3597), (496, 3645), (521, 3711), (542, 3759), (547, 3768), (625, 3870), (637, 3900), (655, 3939), (709, 4026), (787, 4119), (834, 4191), (861, 4227), (939, 4323), (1008, 4389), (1043, 4419), (1046, 4425), (1095, 4491), (1192, 4611),

Gene: LittleB_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for LittleB_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (403, 7328), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: LittleCherry_9 Start: 6189, Stop: 7940, Start Num: 63
Candidate Starts for LittleCherry_9:
(Start: 52 @6162 has 23 MA's), (Start: 63 @6189 has 32 MA's), (112, 6258), (196, 6372), (200, 6378), (300, 6510), (339, 6585), (341, 6588), (362, 6621), (381, 6654), (439, 6762), (449, 6786), (469, 6819), (510, 6894), (526, 6939), (565, 7017), (570, 7023), (591, 7068), (647, 7221), (661, 7242), (800, 7416), (812, 7440), (813, 7443), (862, 7503), (869, 7515), (901, 7542), (916, 7563), (979, 7647), (985, 7659), (1168, 7896), (1196, 7929), (1202, 7935),

Gene: LittleGuy_11 Start: 6827, Stop: 8524, Start Num: 95
Candidate Starts for LittleGuy_11:
(27, 6650), (30, 6668), (35, 6698), (Start: 95 @6827 has 435 MA's), (Start: 122 @6851 has 1 MA's), (Start: 207 @6974 has 2 MA's), (293, 7064), (311, 7097), (362, 7196), (408, 7280), (411, 7283), (432, 7322), (469, 7391), (479, 7415), (510, 7481), (550, 7571), (620, 7736), (661, 7823), (685, 7856), (740, 7922), (798, 7994), (800, 7997), (812, 8021), (852, 8072), (862, 8087), (901, 8126), (916, 8147), (985, 8243), (1168, 8480), (1193, 8510), (1196, 8513),

Gene: LittleLaf_35 Start: 10850, Stop: 12592, Start Num: 143
Candidate Starts for LittleLaf_35:
(Start: 143 @10850 has 83 MA's), (253, 10967), (283, 11012), (305, 11078), (306, 11093), (323, 11126), (324, 11129), (329, 11144), (341, 11168), (342, 11171), (362, 11201), (375, 11222), (378, 11240), (383, 11249), (402, 11285), (411, 11300), (434, 11345), (458, 11387), (477, 11426), (482, 11438), (497, 11459), (519, 11510), (534, 11531), (635, 11753), (697, 11858), (704, 11867), (749, 11900), (776, 11921), (778, 11924), (789, 11951), (800, 11981), (806, 11993), (813, 12008), (819,

12017), (825, 12023), (852, 12065), (858, 12074), (865, 12089), (882, 12104), (929, 12164), (954, 12203), (980, 12236), (1001, 12266), (1002, 12269), (1040, 12353), (1081, 12407), (1092, 12422), (1113, 12449), (1142, 12503), (1211, 12575), (1213, 12578),

Gene: LittleRon_2 Start: 625, Stop: 2373, Start Num: 201
Candidate Starts for LittleRon_2:
(164, 574), (180, 601), (Start: 201 @625 has 43 MA's), (266, 718), (340, 859), (344, 865), (364, 898), (366, 901), (377, 919), (397, 961), (437, 1039), (447, 1063), (456, 1075), (476, 1114), (487, 1135), (506, 1168), (526, 1222), (539, 1255), (541, 1261), (596, 1363), (614, 1420), (620, 1435), (641, 1474), (700, 1570), (802, 1747), (810, 1762), (824, 1786), (942, 1969), (959, 1996), (973, 2020), (980, 2038), (994, 2068), (1023, 2125), (1042, 2152), (1066, 2176), (1073, 2185), (1086, 2203), (1114, 2236), (1142, 2290),

Gene: LittleTokyo_3 Start: 691, Stop: 2322, Start Num: 134
Candidate Starts for LittleTokyo_3:
(Start: 62 @580 has 1 MA's), (131, 685), (Start: 134 @691 has 16 MA's), (Start: 159 @724 has 6 MA's), (255, 865), (Start: 272 @886 has 48 MA's), (313, 937), (319, 949), (333, 985), (342, 1003), (347, 1009), (364, 1027), (464, 1186), (498, 1237), (521, 1300), (548, 1360), (559, 1381), (589, 1453), (642, 1579), (692, 1639), (753, 1720), (769, 1735), (780, 1756), (804, 1807), (838, 1849), (862, 1879), (903, 1918), (909, 1927), (956, 1996), (1026, 2098), (1038, 2107), (1041, 2113), (1054, 2134), (1055, 2137), (1072, 2161), (1122, 2227), (1125, 2230), (1151, 2269), (1190, 2311),

Gene: Livingwater_3 Start: 1071, Stop: 2531, Start Num: 149
Candidate Starts for Livingwater_3:
(Start: 149 @1071 has 162 MA's), (Start: 154 @1077 has 4 MA's), (Start: 272 @1239 has 48 MA's), (278, 1248), (315, 1308), (348, 1377), (366, 1398), (394, 1449), (520, 1653), (532, 1677), (592, 1788), (642, 1866), (649, 1881), (674, 1917), (703, 1959), (739, 1992), (765, 2010), (834, 2130), (835, 2133), (848, 2145), (905, 2220), (944, 2283), (958, 2301), (960, 2304), (1098, 2466), (1104, 2475), (1135, 2523),

Gene: LiyuLake_5 Start: 1193, Stop: 2758, Start Num: 93
Candidate Starts for LiyuLake_5:
(64, 1142), (Start: 68 @1151 has 2 MA's), (Start: 93 @1193 has 92 MA's), (Start: 99 @1199 has 9 MA's), (238, 1370), (255, 1403), (313, 1475), (316, 1481), (319, 1487), (413, 1643), (419, 1652), (420, 1655), (422, 1658), (464, 1733), (494, 1787), (496, 1790), (498, 1793), (632, 2015), (637, 2024), (685, 2099), (694, 2120), (699, 2126), (722, 2153), (759, 2195), (776, 2219), (786, 2237), (790, 2252), (867, 2366), (907, 2405), (912, 2411), (962, 2477), (1016, 2567), (1024, 2579), (1078, 2618), (1143, 2705), (1181, 2750), (1183, 2753),

Gene: Lizalica_2 Start: 531, Stop: 2237, Start Num: 95
Candidate Starts for Lizalica_2:
(3, 54), (12, 240), (13, 243), (Start: 95 @531 has 435 MA's), (379, 903), (411, 960), (436, 1008), (482, 1098), (513, 1152), (570, 1272), (604, 1362), (710, 1524), (775, 1599), (800, 1647), (852, 1731), (916, 1806), (985, 1902), (997, 1917), (1024, 1971), (1081, 2052), (1136, 2136), (1150, 2160),

Gene: Lizziana_2 Start: 573, Stop: 2210, Start Num: 111
Candidate Starts for Lizziana_2:
(Start: 111 @573 has 202 MA's), (Start: 118 @582 has 1 MA's), (Start: 129 @597 has 79 MA's), (147, 618), (Start: 185 @654 has 2 MA's), (188, 657), (200, 675), (224, 720), (244, 759), (312, 846), (352, 906), (377, 930), (381, 939), (383, 942), (392, 963), (404, 984), (415, 999), (440, 1056), (461, 1095), (502, 1164), (505, 1170), (514, 1200), (515, 1203), (518, 1212), (523, 1227), (534, 1245), (557, 1296), (601, 1389), (604, 1398), (711, 1569), (726, 1581), (800, 1665), (816, 1695), (818, 1698), (820, 1701), (869, 1758), (884, 1773), (889, 1779), (893, 1782), (901, 1797), (908, 1806), (934, 1845), (957, 1875),

(982, 1905), (988, 1914), (1006, 1947), (1024, 1980), (1069, 2007), (1094, 2040), (1114, 2070), (1127, 2091), (1139, 2115), (1142, 2124), (1145, 2127), (1184, 2184),

Gene: Llama_2 Start: 581, Stop: 2218, Start Num: 111
Candidate Starts for Llama_2:
(Start: 103 @578 has 1 MA's), (Start: 111 @581 has 202 MA's), (Start: 129 @605 has 79 MA's), (Start: 158 @638 has 2 MA's), (Start: 185 @662 has 2 MA's), (188, 665), (224, 728), (244, 767), (312, 854), (315, 860), (352, 914), (377, 938), (381, 947), (383, 950), (392, 971), (404, 992), (440, 1064), (461, 1103), (502, 1172), (505, 1178), (514, 1208), (515, 1211), (518, 1220), (523, 1235), (534, 1253), (557, 1304), (601, 1397), (604, 1406), (711, 1577), (726, 1589), (800, 1673), (816, 1703), (818, 1706), (820, 1709), (869, 1766), (884, 1781), (889, 1787), (893, 1790), (901, 1805), (908, 1814), (957, 1883), (982, 1913), (988, 1922), (1006, 1955), (1024, 1988), (1069, 2015), (1094, 2048), (1107, 2069), (1112, 2075), (1114, 2078), (1127, 2099), (1139, 2123), (1142, 2132), (1145, 2135), (1184, 2192),

Gene: Llij_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Llij_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (601, 1403), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1016, 1982), (1024, 1994), (1069, 2021), (1094, 2054), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Loadrie_4 Start: 1069, Stop: 2637, Start Num: 93
Candidate Starts for Loadrie_4:
(Start: 93 @1069 has 92 MA's), (Start: 99 @1075 has 9 MA's), (228, 1231), (419, 1528), (422, 1534), (450, 1594), (494, 1666), (498, 1672), (558, 1792), (591, 1840), (632, 1894), (643, 1918), (671, 1963), (676, 1969), (694, 1999), (699, 2005), (722, 2032), (729, 2041), (776, 2098), (779, 2104), (789, 2125), (790, 2131), (838, 2206), (845, 2209), (867, 2245), (912, 2290), (962, 2356), (1008, 2431), (1018, 2449), (1024, 2458), (1158, 2605), (1181, 2629), (1183, 2632),

Gene: Loca_3 Start: 1092, Stop: 2552, Start Num: 149
Candidate Starts for Loca_3:
(Start: 149 @1092 has 162 MA's), (Start: 154 @1098 has 4 MA's), (Start: 272 @1260 has 48 MA's), (278, 1269), (315, 1329), (348, 1398), (366, 1419), (394, 1470), (520, 1674), (592, 1809), (642, 1887), (649, 1902), (674, 1938), (703, 1980), (739, 2013), (765, 2031), (834, 2151), (835, 2154), (905, 2241), (944, 2304), (958, 2322), (960, 2325), (1098, 2487), (1104, 2496), (1135, 2544),

Gene: LochMonster_11 Start: 6859, Stop: 8556, Start Num: 95
Candidate Starts for LochMonster_11:
(Start: 95 @6859 has 435 MA's), (Start: 122 @6883 has 1 MA's), (Start: 207 @7006 has 2 MA's), (293, 7096), (311, 7129), (362, 7228), (408, 7312), (411, 7315), (432, 7354), (469, 7423), (479, 7447), (510, 7513), (550, 7603), (661, 7855), (685, 7888), (740, 7954), (798, 8026), (800, 8029), (812, 8053), (852, 8104), (862, 8119), (901, 8158), (916, 8179), (985, 8275), (1168, 8512), (1193, 8542), (1196, 8545),

Gene: Lockley_11 Start: 6937, Stop: 8625, Start Num: 95
Candidate Starts for Lockley_11:
(Start: 95 @6937 has 435 MA's), (311, 7201), (323, 7225), (411, 7387), (469, 7495), (510, 7585), (518, 7609), (534, 7636), (553, 7684), (591, 7753), (620, 7840), (622, 7849), (644, 7900), (819, 8134), (832, 8146), (862, 8188), (882, 8209), (908, 8236), (985, 8344), (1070, 8434), (1139, 8539),

Gene: LogiBear_15 Start: 7397, Stop: 9094, Start Num: 96
Candidate Starts for LogiBear_15:
(Start: 96 @7397 has 243 MA's), (Start: 118 @7412 has 1 MA's), (Start: 158 @7466 has 2 MA's), (253, 7574), (311, 7667), (339, 7730), (411, 7856), (469, 7964), (510, 8054), (518, 8078), (583, 8207), (732, 8483), (800, 8570), (806, 8582), (812, 8594), (862, 8657), (901, 8696), (916, 8717), (985, 8813), (1081, 8918), (1119, 8972), (1168, 9050), (1191, 9077), (1193, 9080), (1196, 9083),

Gene: Lokk_15 Start: 9141, Stop: 10922, Start Num: 96
Candidate Starts for Lokk_15:
(37, 9021), (76, 9114), (Start: 96 @9141 has 243 MA's), (200, 9273), (235, 9348), (250, 9372), (283, 9423), (408, 9654), (411, 9657), (432, 9696), (469, 9765), (510, 9855), (518, 9879), (570, 9978), (583, 10008), (584, 10011), (852, 10470), (862, 10485), (869, 10497), (901, 10524), (916, 10545), (985, 10641), (1168, 10878), (1191, 10905), (1193, 10908),

Gene: Lola20_3 Start: 1071, Stop: 2531, Start Num: 149
Candidate Starts for Lola20_3:
(Start: 149 @1071 has 162 MA's), (Start: 154 @1077 has 4 MA's), (Start: 272 @1239 has 48 MA's), (278, 1248), (315, 1308), (348, 1377), (366, 1398), (394, 1449), (520, 1653), (642, 1866), (649, 1881), (674, 1917), (703, 1959), (739, 1992), (765, 2010), (834, 2130), (835, 2133), (848, 2145), (905, 2220), (944, 2283), (958, 2301), (960, 2304), (1098, 2466), (1104, 2475), (1110, 2484), (1135, 2523),

Gene: Lollipop1437_29 Start: 13812, Stop: 15491, Start Num: 111
Candidate Starts for Lollipop1437_29:
(Start: 111 @13812 has 202 MA's), (222, 13962), (251, 14019), (Start: 272 @14046 has 48 MA's), (281, 14058), (303, 14097), (324, 14130), (514, 14472), (523, 14499), (604, 14667), (608, 14679), (621, 14712), (675, 14790), (775, 14892), (839, 15006), (893, 15087), (901, 15102), (929, 15144), (988, 15210), (996, 15222), (1013, 15258), (1063, 15285), (1112, 15354), (1114, 15357), (1157, 15426),

Gene: Lolly9_5 Start: 1196, Stop: 2761, Start Num: 93
Candidate Starts for Lolly9_5:
(Start: 93 @1196 has 92 MA's), (Start: 99 @1202 has 9 MA's), (238, 1373), (313, 1478), (319, 1490), (413, 1646), (419, 1655), (420, 1658), (422, 1661), (464, 1736), (494, 1790), (496, 1793), (498, 1796), (612, 1985), (637, 2027), (685, 2102), (694, 2123), (699, 2129), (759, 2198), (786, 2240), (789, 2249), (790, 2255), (867, 2369), (907, 2408), (912, 2414), (962, 2480), (1001, 2534), (1016, 2570), (1024, 2582), (1078, 2621), (1143, 2708), (1181, 2753), (1183, 2756),

Gene: London_2 Start: 534, Stop: 2240, Start Num: 95
Candidate Starts for London_2:
(Start: 95 @534 has 435 MA's), (Start: 191 @621 has 2 MA's), (379, 906), (411, 963), (422, 984), (436, 1011), (482, 1101), (513, 1155), (532, 1200), (570, 1275), (604, 1365), (687, 1488), (710, 1527), (800, 1650), (929, 1830), (954, 1863), (985, 1905), (997, 1920), (1081, 2055), (1105, 2091), (1142, 2151), (1150, 2163),

Gene: LoneWolf_13 Start: 7971, Stop: 9743, Start Num: 114
Candidate Starts for LoneWolf_13:
(Start: 96 @7956 has 243 MA's), (Start: 114 @7971 has 11 MA's), (200, 8088), (250, 8187), (262, 8211), (339, 8349), (381, 8421), (411, 8475), (432, 8514), (469, 8586), (510, 8676), (518, 8700), (553, 8775), (584, 8832), (622, 8940), (659, 9015), (685, 9051), (717, 9111), (775, 9171), (806, 9231), (817, 9252), (852, 9291), (901, 9345), (904, 9348), (916, 9366), (954, 9420), (979, 9450), (985, 9462), (1072, 9555), (1083, 9570), (1168, 9699), (1191, 9726), (1193, 9729),

Gene: LonelyBoi_2 Start: 485, Stop: 2284, Start Num: 71
Candidate Starts for LonelyBoi_2:
(Start: 71 @485 has 22 MA's), (170, 623), (295, 782), (300, 797), (365, 911), (373, 923), (378, 932), (398, 971), (411, 992), (456, 1076), (495, 1148), (513, 1184), (527, 1220), (571, 1310), (580, 1331), (596, 1376), (598, 1382), (603, 1400), (608, 1415), (745, 1589), (778, 1616), (813, 1685), (817, 1691), (862, 1757), (869, 1769), (884, 1796), (959, 1907), (979, 1943), (985, 1955), (1000, 1979), (1011, 2006), (1025, 2030), (1077, 2093), (1105, 2135), (1141, 2192), (1150, 2207), (1165, 2222), (1167, 2225), (1204, 2270), (1206, 2273),

Gene: LongHai_6 Start: 2100, Stop: 3764, Start Num: 143
Candidate Starts for LongHai_6:
(Start: 143 @2100 has 83 MA's), (Start: 182 @2139 has 15 MA's), (200, 2163), (300, 2292), (378, 2439), (386, 2454), (411, 2499), (434, 2547), (450, 2583), (480, 2640), (497, 2664), (514, 2700), (604, 2898), (609, 2913), (623, 2952), (752, 3138), (789, 3189), (800, 3219), (959, 3432), (981, 3462), (1001, 3489), (1005, 3501), (1047, 3537), (1050, 3540), (1122, 3633), (1157, 3690),

Gene: Loofah_7 Start: 2247, Stop: 3908, Start Num: 73
Candidate Starts for Loofah_7:
(Start: 73 @2247 has 95 MA's), (326, 2565), (378, 2658), (386, 2673), (400, 2700), (413, 2721), (458, 2808), (510, 2904), (521, 2937), (550, 2991), (570, 3024), (581, 3048), (605, 3117), (648, 3180), (650, 3186), (673, 3216), (687, 3234), (746, 3300), (798, 3363), (800, 3366), (806, 3378), (811, 3387), (815, 3396), (852, 3450), (869, 3477), (985, 3624), (1001, 3645), (1010, 3669), (1081, 3729), (1142, 3825), (1204, 3903),

Gene: Looper_15 Start: 6686, Stop: 8383, Start Num: 96
Candidate Starts for Looper_15:
(Start: 96 @6686 has 243 MA's), (Start: 118 @6704 has 1 MA's), (253, 6866), (339, 7022), (381, 7091), (411, 7145), (469, 7253), (480, 7280), (510, 7343), (518, 7367), (812, 7883), (862, 7946), (904, 7988), (985, 8102), (1081, 8207), (1168, 8339), (1191, 8366), (1193, 8369), (1196, 8372),

Gene: Lore_4 Start: 800, Stop: 2290, Start Num: 146
Candidate Starts for Lore_4:
(Start: 146 @800 has 40 MA's), (181, 845), (255, 947), (274, 974), (313, 1025), (319, 1037), (330, 1067), (337, 1079), (345, 1094), (390, 1160), (422, 1205), (474, 1292), (486, 1316), (488, 1319), (491, 1322), (513, 1367), (521, 1391), (525, 1400), (562, 1466), (612, 1529), (616, 1541), (642, 1583), (650, 1601), (694, 1661), (748, 1718), (768, 1730), (781, 1754), (789, 1772), (838, 1850), (874, 1904), (930, 1958), (940, 1970), (945, 1979), (1002, 2054), (1005, 2063), (1018, 2090), (1081, 2147), (1122, 2201), (1175, 2273),

Gene: Lorelei_6 Start: 2392, Stop: 4020, Start Num: 86
Candidate Starts for Lorelei_6:
(Start: 73 @2374 has 95 MA's), (Start: 86 @2392 has 10 MA's), (283, 2596), (300, 2632), (400, 2812), (413, 2833), (437, 2878), (458, 2920), (497, 2992), (510, 3016), (556, 3115), (565, 3130), (580, 3154), (581, 3160), (673, 3328), (800, 3478), (811, 3499), (869, 3589), (959, 3697), (985, 3736), (1001, 3757), (1003, 3763), (1010, 3781), (1142, 3937), (1204, 4015),

Gene: Lorenzo_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Lorenzo_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Loretta_7 Start: 3620, Stop: 5359, Start Num: 187
Candidate Starts for Loretta_7:
(Start: 187 @3620 has 203 MA's), (254, 3719), (322, 3839), (376, 3938), (395, 3980), (413, 4010), (444, 4088), (454, 4109), (506, 4211), (530, 4280), (570, 4361), (604, 4466), (634, 4541), (644, 4565), (704, 4670), (726, 4694), (778, 4775), (803, 4823), (868, 4889), (876, 4907), (929, 4976), (1059, 5183), (1071, 5207), (1080, 5219), (1136, 5309), (1139, 5312),

Gene: Loser_15 Start: 9241, Stop: 11001, Start Num: 96
Candidate Starts for Loser_15:
(Start: 96 @9241 has 243 MA's), (179, 9349), (193, 9370), (235, 9454), (250, 9478), (300, 9565), (381, 9709), (411, 9763), (469, 9871), (510, 9961), (518, 9985), (584, 10117), (638, 10261), (733, 10393), (800, 10477), (852, 10549), (862, 10564), (901, 10603), (904, 10606), (916, 10624), (985, 10720), (1024, 10789), (1168, 10957), (1191, 10984), (1193, 10987), (1196, 10990), (1199, 10993),

Gene: Louie6_13 Start: 7044, Stop: 8744, Start Num: 102
Candidate Starts for Louie6_13:
(Start: 102 @7044 has 88 MA's), (137, 7092), (253, 7227), (362, 7419), (411, 7506), (510, 7704), (550, 7794), (583, 7857), (644, 8019), (800, 8217), (812, 8241), (813, 8244), (862, 8307), (869, 8319), (882, 8328), (901, 8346), (916, 8367), (985, 8463), (1014, 8517), (1070, 8553), (1168, 8700), (1193, 8730), (1196, 8733),

Gene: LouisXIV_4 Start: 800, Stop: 2290, Start Num: 146
Candidate Starts for LouisXIV_4:
(Start: 146 @800 has 40 MA's), (181, 845), (255, 947), (267, 965), (274, 974), (313, 1025), (315, 1028), (319, 1037), (330, 1067), (345, 1094), (415, 1193), (474, 1292), (486, 1316), (488, 1319), (491, 1322), (513, 1367), (650, 1601), (692, 1649), (694, 1661), (728, 1700), (748, 1718), (768, 1730), (770, 1733), (781, 1754), (785, 1760), (789, 1772), (838, 1850), (874, 1904), (930, 1958), (940, 1970), (970, 2015), (1005, 2063), (1081, 2147), (1125, 2204), (1175, 2273),

Gene: Loviatar_3 Start: 960, Stop: 2585, Start Num: 171
Candidate Starts for Loviatar_3:
(Start: 171 @960 has 84 MA's), (198, 996), (278, 1116), (342, 1224), (360, 1239), (398, 1308), (426, 1353), (498, 1458), (500, 1461), (521, 1521), (531, 1539), (532, 1542), (542, 1569), (558, 1599), (628, 1761), (782, 1977), (829, 2052), (837, 2064), (1041, 2343), (1095, 2418),

Gene: Lowa_13 Start: 6949, Stop: 8649, Start Num: 102
Candidate Starts for Lowa_13:
(Start: 102 @6949 has 88 MA's), (137, 6997), (253, 7132), (362, 7324), (411, 7411), (510, 7609), (550, 7699), (583, 7762), (644, 7924), (800, 8122), (812, 8146), (813, 8149), (862, 8212), (882, 8233), (916, 8272), (985, 8368), (1014, 8422), (1070, 8458), (1168, 8605), (1193, 8635), (1196, 8638),

Gene: Luchador_12 Start: 7549, Stop: 9303, Start Num: 96
Candidate Starts for Luchador_12:
(85, 7534), (Start: 96 @7549 has 243 MA's), (Start: 120 @7567 has 11 MA's), (Start: 182 @7654 has 15 MA's), (200, 7678), (226, 7732), (231, 7744), (235, 7753), (250, 7777), (283, 7828), (295, 7849), (408, 8059), (411, 8062), (469, 8173), (479, 8197), (510, 8263), (518, 8287), (550, 8353), (584, 8419), (622, 8527), (659, 8602), (737, 8704), (800, 8779), (806, 8791), (812, 8803), (813, 8806), (862, 8866), (916, 8926), (985, 9022), (1024, 9091), (1168, 9259), (1191, 9286),

Gene: Lucivia_12 Start: 8073, Stop: 9836, Start Num: 96
Candidate Starts for Lucivia_12:

(39, 7953), (Start: 96 @8073 has 243 MA's), (Start: 120 @8094 has 11 MA's), (179, 8181), (250, 8310), (262, 8334), (300, 8397), (381, 8541), (408, 8592), (411, 8595), (469, 8706), (479, 8730), (480, 8733), (510, 8796), (513, 8805), (518, 8820), (580, 8937), (584, 8952), (605, 9012), (638, 9096), (806, 9324), (812, 9336), (852, 9384), (862, 9399), (901, 9438), (916, 9459), (942, 9498), (979, 9543), (985, 9555), (1168, 9792), (1191, 9819),

Gene: Lucy_2 Start: 426, Stop: 1991, Start Num: 129
Candidate Starts for Lucy_2:
(Start: 129 @426 has 79 MA's), (211, 549), (248, 603), (Start: 268 @636 has 4 MA's), (Start: 272 @639 has 48 MA's), (313, 690), (330, 732), (342, 756), (364, 780), (452, 942), (521, 1077), (532, 1098), (548, 1137), (564, 1167), (625, 1236), (637, 1266), (642, 1281), (661, 1314), (692, 1362), (694, 1371), (768, 1449), (787, 1485), (804, 1524), (834, 1557), (838, 1566), (861, 1593), (912, 1647), (939, 1689), (1001, 1734), (1008, 1755), (1022, 1779), (1095, 1857),

Gene: LucySwiss_7 Start: 3568, Stop: 5307, Start Num: 187
Candidate Starts for LucySwiss_7:
(Start: 187 @3568 has 203 MA's), (254, 3667), (322, 3787), (376, 3886), (395, 3928), (413, 3958), (427, 3988), (444, 4036), (454, 4057), (506, 4159), (530, 4228), (539, 4252), (578, 4342), (604, 4414), (634, 4489), (644, 4513), (704, 4618), (726, 4642), (778, 4723), (803, 4771), (868, 4837), (876, 4855), (879, 4861), (929, 4924), (931, 4927), (1055, 5116), (1059, 5131), (1060, 5134), (1071, 5155), (1080, 5167), (1136, 5257), (1139, 5260),

Gene: Lucyedi_13 Start: 7527, Stop: 9281, Start Num: 96
Candidate Starts for Lucyedi_13:
(Start: 96 @7527 has 243 MA's), (200, 7659), (250, 7758), (300, 7845), (339, 7920), (381, 7989), (408, 8040), (411, 8043), (469, 8151), (510, 8241), (518, 8265), (583, 8394), (584, 8397), (598, 8433), (733, 8673), (740, 8682), (800, 8757), (852, 8829), (862, 8844), (901, 8883), (916, 8904), (979, 8988), (985, 9000), (1081, 9105), (1139, 9195), (1142, 9204), (1168, 9237), (1191, 9264), (1193, 9267), (1196, 9270), (1199, 9273),

Gene: LugYA_15 Start: 6955, Stop: 8655, Start Num: 102
Candidate Starts for LugYA_15:
(Start: 102 @6955 has 88 MA's), (137, 7003), (253, 7138), (362, 7330), (411, 7417), (431, 7453), (510, 7615), (550, 7705), (583, 7768), (644, 7930), (800, 8128), (812, 8152), (813, 8155), (862, 8218), (882, 8239), (916, 8278), (985, 8374), (1014, 8428), (1070, 8464), (1168, 8611), (1193, 8641), (1196, 8644),

Gene: Luke_5 Start: 1894, Stop: 3489, Start Num: 98
Candidate Starts for Luke_5:
(Start: 61 @1855 has 21 MA's), (Start: 98 @1894 has 3 MA's), (156, 1942), (Start: 280 @2113 has 2 MA's), (313, 2152), (421, 2332), (427, 2341), (431, 2350), (464, 2413), (468, 2419), (511, 2503), (512, 2506), (513, 2509), (558, 2605), (559, 2608), (564, 2617), (621, 2683), (643, 2713), (658, 2740), (685, 2773), (696, 2794), (698, 2797), (767, 2893), (779, 2914), (829, 3004), (859, 3046), (869, 3064), (872, 3070), (932, 3133), (936, 3139), (939, 3142), (972, 3187), (979, 3193), (999, 3220), (1005, 3235), (1046, 3286), (1053, 3295), (1068, 3310), (1070, 3313), (1102, 3352), (1116, 3367), (1123, 3382), (1126, 3385), (1197, 3463), (1203, 3469),

Gene: Lumos_5 Start: 1190, Stop: 2755, Start Num: 93
Candidate Starts for Lumos_5:
(64, 1139), (Start: 68 @1148 has 2 MA's), (Start: 93 @1190 has 92 MA's), (Start: 99 @1196 has 9 MA's), (238, 1367), (254, 1397), (313, 1472), (316, 1478), (319, 1484), (413, 1640), (419, 1649), (420, 1652), (422, 1655), (464, 1730), (494, 1784), (496, 1787), (498, 1790), (637, 2021), (685, 2096), (694, 2117), (699, 2123), (759, 2192), (776, 2216), (786, 2234), (790, 2249), (867, 2363), (907, 2402), (912, 2408), (962, 2474), (1001, 2528), (1016, 2564), (1024, 2576), (1078, 2615), (1143, 2702), (1181,

2747), (1183, 2750),

Gene: Luna22_5 Start: 1855, Stop: 3489, Start Num: 61
Candidate Starts for Luna22_5:
(Start: 61 @1855 has 21 MA's), (Start: 98 @1894 has 3 MA's), (156, 1942), (Start: 280 @2113 has 2 MA's), (313, 2152), (421, 2332), (427, 2341), (431, 2350), (464, 2413), (468, 2419), (511, 2503), (512, 2506), (513, 2509), (558, 2605), (559, 2608), (564, 2617), (621, 2683), (643, 2713), (658, 2740), (685, 2773), (696, 2794), (698, 2797), (767, 2893), (779, 2914), (829, 3004), (859, 3046), (869, 3064), (872, 3070), (932, 3133), (936, 3139), (939, 3142), (972, 3187), (979, 3193), (999, 3220), (1005, 3235), (1046, 3286), (1053, 3295), (1068, 3310), (1070, 3313), (1102, 3352), (1116, 3367), (1123, 3382), (1126, 3385), (1197, 3463), (1203, 3469),

Gene: LunaBlu_2 Start: 571, Stop: 2208, Start Num: 111
Candidate Starts for LunaBlu_2:
(Start: 111 @571 has 202 MA's), (Start: 118 @580 has 1 MA's), (Start: 129 @595 has 79 MA's), (Start: 158 @628 has 2 MA's), (Start: 185 @652 has 2 MA's), (188, 655), (224, 718), (244, 757), (312, 844), (352, 904), (377, 928), (381, 937), (383, 940), (392, 961), (404, 982), (415, 997), (440, 1054), (461, 1093), (502, 1162), (505, 1168), (514, 1198), (515, 1201), (518, 1210), (523, 1225), (534, 1243), (557, 1294), (601, 1387), (604, 1396), (711, 1567), (726, 1579), (800, 1663), (816, 1693), (818, 1696), (820, 1699), (869, 1756), (884, 1771), (889, 1777), (893, 1780), (901, 1795), (908, 1804), (957, 1873), (982, 1903), (988, 1912), (1006, 1945), (1014, 1963), (1024, 1978), (1069, 2005), (1094, 2038), (1112, 2065), (1114, 2068), (1127, 2089), (1139, 2113), (1142, 2122), (1145, 2125), (1184, 2182),

Gene: LunaStella_2 Start: 458, Stop: 2236, Start Num: 71
Candidate Starts for LunaStella_2:
(Start: 71 @458 has 22 MA's), (Start: 114 @509 has 11 MA's), (131, 530), (150, 560), (155, 566), (165, 581), (217, 632), (Start: 271 @695 has 3 MA's), (Start: 280 @707 has 2 MA's), (300, 743), (327, 791), (333, 806), (339, 818), (342, 824), (377, 881), (378, 884), (381, 890), (389, 905), (398, 923), (400, 926), (411, 944), (482, 1085), (495, 1103), (510, 1130), (518, 1154), (532, 1187), (571, 1265), (604, 1355), (607, 1364), (613, 1379), (647, 1421), (648, 1424), (678, 1466), (685, 1475), (697, 1499), (745, 1541), (748, 1544), (778, 1568), (798, 1607), (800, 1610), (807, 1625), (817, 1643), (819, 1646), (874, 1727), (884, 1742), (887, 1745), (894, 1757), (919, 1796), (954, 1847), (959, 1853), (979, 1889), (985, 1901), (1000, 1925), (1011, 1952), (1016, 1961), (1018, 1964), (1072, 2036), (1105, 2084), (1113, 2090), (1133, 2123), (1135, 2129), (1139, 2135), (1141, 2141), (1142, 2144), (1150, 2156), (1167, 2174), (1181, 2195), (1195, 2213), (1206, 2225),

Gene: Lunar_4 Start: 848, Stop: 2494, Start Num: 134
Candidate Starts for Lunar_4:
(Start: 134 @848 has 16 MA's), (Start: 246 @1013 has 12 MA's), (Start: 272 @1052 has 48 MA's), (313, 1103), (319, 1115), (333, 1151), (342, 1169), (464, 1352), (521, 1466), (526, 1478), (548, 1526), (559, 1547), (569, 1562), (589, 1619), (787, 1934), (829, 2000), (837, 2012), (862, 2045), (903, 2084), (909, 2093), (912, 2096), (956, 2162), (982, 2192), (1008, 2237), (1038, 2279), (1054, 2306), (1055, 2309), (1125, 2402), (1129, 2408), (1144, 2429), (1151, 2441), (1187, 2480), (1190, 2483),

Gene: LunarLander_11 Start: 6725, Stop: 8413, Start Num: 95
Candidate Starts for LunarLander_11:
(Start: 95 @6725 has 435 MA's), (311, 6989), (323, 7013), (411, 7175), (430, 7208), (469, 7283), (510, 7373), (518, 7397), (553, 7472), (620, 7628), (622, 7637), (642, 7685), (644, 7688), (813, 7913), (819, 7922), (832, 7934), (862, 7976), (882, 7997), (908, 8024), (985, 8132), (1070, 8222), (1139, 8327),

Gene: Lunatic_3 Start: 1062, Stop: 2522, Start Num: 149
Candidate Starts for Lunatic_3:

(Start: 149 @1062 has 162 MA's), (Start: 154 @1068 has 4 MA's), (Start: 272 @1230 has 48 MA's), (278, 1239), (315, 1299), (348, 1368), (366, 1389), (394, 1440), (520, 1644), (592, 1779), (642, 1857), (649, 1872), (661, 1890), (674, 1908), (703, 1950), (739, 1983), (765, 2001), (834, 2121), (835, 2124), (848, 2136), (857, 2148), (862, 2160), (905, 2211), (941, 2268), (944, 2274), (949, 2283), (958, 2292), (960, 2295), (1098, 2457), (1104, 2466), (1110, 2475), (1135, 2514),

Gene: Lunsford_12 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Lunsford_12:
(27, 6707), (30, 6725), (35, 6755), (Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Luthien_18 Start: 10502, Stop: 12247, Start Num: 187
Candidate Starts for Luthien_18:
(Start: 187 @10502 has 203 MA's), (195, 10508), (252, 10595), (254, 10601), (274, 10637), (302, 10691), (309, 10697), (361, 10793), (395, 10868), (444, 10976), (454, 10997), (492, 11066), (530, 11168), (555, 11225), (578, 11282), (582, 11294), (604, 11354), (644, 11453), (647, 11459), (682, 11516), (726, 11582), (863, 11768), (868, 11777), (899, 11819), (916, 11843), (929, 11864), (931, 11867), (1069, 12092), (1071, 12095), (1080, 12107), (1136, 12197), (1139, 12200),

Gene: Luxx_3 Start: 1098, Stop: 2558, Start Num: 149
Candidate Starts for Luxx_3:
(Start: 149 @1098 has 162 MA's), (Start: 154 @1104 has 4 MA's), (Start: 272 @1266 has 48 MA's), (278, 1275), (315, 1335), (348, 1404), (366, 1425), (394, 1476), (520, 1680), (642, 1893), (649, 1908), (674, 1944), (703, 1986), (739, 2019), (765, 2037), (834, 2157), (835, 2160), (848, 2172), (905, 2247), (944, 2310), (958, 2328), (960, 2331), (1098, 2493), (1104, 2502), (1110, 2511), (1135, 2550),

Gene: Lynlen_3 Start: 677, Stop: 2305, Start Num: 171
Candidate Starts for Lynlen_3:
(Start: 171 @677 has 84 MA's), (278, 833), (342, 941), (398, 1025), (415, 1049), (425, 1067), (464, 1124), (498, 1175), (500, 1178), (521, 1238), (531, 1256), (542, 1286), (558, 1316), (829, 1772), (838, 1787), (1095, 2138), (1129, 2186), (1215, 2294),

Gene: Lynnae_4 Start: 1069, Stop: 2637, Start Num: 93
Candidate Starts for Lynnae_4:
(Start: 93 @1069 has 92 MA's), (Start: 99 @1075 has 9 MA's), (228, 1231), (419, 1528), (422, 1534), (450, 1594), (494, 1666), (498, 1672), (509, 1693), (558, 1792), (591, 1840), (632, 1894), (643, 1918), (671, 1963), (676, 1969), (694, 1999), (699, 2005), (722, 2032), (729, 2041), (776, 2098), (779, 2104), (789, 2125), (790, 2131), (838, 2206), (845, 2209), (867, 2245), (912, 2290), (962, 2356), (1008, 2431), (1018, 2449), (1024, 2458), (1158, 2605), (1181, 2629), (1183, 2632),

Gene: MA5_11 Start: 6096, Stop: 7793, Start Num: 95
Candidate Starts for MA5_11:
(Start: 95 @6096 has 435 MA's), (152, 6168), (193, 6222), (311, 6366), (403, 6540), (411, 6552), (432, 6591), (438, 6603), (469, 6660), (479, 6684), (510, 6750), (513, 6759), (550, 6840), (565, 6867), (620, 7005), (647, 7071), (661, 7092), (685, 7125), (740, 7191), (800, 7266), (812, 7290), (813, 7293), (817, 7299), (862, 7356), (869, 7368), (901, 7395), (916, 7416), (985, 7512), (1010, 7557), (1014, 7566), (1145, 7719), (1168, 7749), (1193, 7779), (1196, 7782),

Gene: MAckerman_4 Start: 1052, Stop: 2635, Start Num: 93
Candidate Starts for MAckerman_4:

(Start: 93 @1052 has 92 MA's), (Start: 99 @1058 has 9 MA's), (238, 1229), (304, 1316), (313, 1334), (316, 1340), (330, 1376), (420, 1514), (422, 1517), (464, 1592), (496, 1649), (498, 1652), (591, 1820), (632, 1874), (637, 1883), (643, 1898), (653, 1919), (685, 1958), (694, 1979), (699, 1985), (722, 2012), (759, 2054), (776, 2078), (786, 2096), (789, 2105), (790, 2111), (804, 2144), (834, 2177), (862, 2216), (865, 2222), (867, 2225), (912, 2270), (962, 2336), (999, 2387), (1008, 2411), (1016, 2426), (1018, 2429), (1125, 2531), (1140, 2558), (1181, 2609), (1183, 2612),

Gene: MAnor_4 Start: 897, Stop: 2573, Start Num: 143
Candidate Starts for MAnor_4:
(Start: 143 @897 has 83 MA's), (Start: 191 @948 has 2 MA's), (205, 969), (254, 1014), (334, 1158), (373, 1221), (386, 1254), (405, 1290), (411, 1299), (413, 1302), (430, 1335), (434, 1350), (482, 1449), (497, 1470), (514, 1506), (521, 1527), (540, 1563), (574, 1629), (598, 1683), (678, 1863), (697, 1896), (776, 1962), (803, 2028), (806, 2034), (929, 2199), (954, 2232), (1003, 2301), (1081, 2379), (1083, 2382), (1141, 2472), (1145, 2478), (1165, 2499), (1213, 2559), (1214, 2562),

Gene: MK4_11 Start: 6367, Stop: 8064, Start Num: 95
Candidate Starts for MK4_11:
(Start: 95 @6367 has 435 MA's), (152, 6439), (311, 6637), (339, 6700), (403, 6811), (411, 6823), (432, 6862), (438, 6874), (469, 6931), (479, 6955), (499, 6985), (510, 7021), (513, 7030), (550, 7111), (565, 7138), (620, 7276), (647, 7342), (661, 7363), (685, 7396), (740, 7462), (800, 7537), (812, 7561), (813, 7564), (817, 7570), (825, 7579), (862, 7627), (901, 7666), (904, 7669), (916, 7687), (985, 7783), (1014, 7837), (1145, 7990), (1168, 8020), (1193, 8050), (1196, 8053),

Gene: MPlant7149_10 Start: 6575, Stop: 8263, Start Num: 95
Candidate Starts for MPlant7149_10:
(Start: 95 @6575 has 435 MA's), (311, 6839), (323, 6863), (411, 7025), (430, 7058), (469, 7133), (510, 7223), (518, 7247), (534, 7274), (553, 7322), (620, 7478), (644, 7538), (813, 7763), (819, 7772), (832, 7784), (862, 7826), (882, 7847), (908, 7874), (985, 7982), (1070, 8072), (1139, 8177),

Gene: MScarn_6 Start: 1111, Stop: 2790, Start Num: 143
Candidate Starts for MScarn_6:
(Start: 143 @1111 has 83 MA's), (Start: 191 @1162 has 2 MA's), (205, 1183), (252, 1222), (300, 1309), (326, 1354), (334, 1375), (339, 1384), (378, 1456), (405, 1507), (411, 1516), (434, 1567), (482, 1666), (497, 1687), (513, 1720), (532, 1756), (598, 1900), (609, 1936), (623, 1975), (635, 2008), (661, 2056), (697, 2113), (738, 2146), (776, 2179), (803, 2245), (806, 2251), (852, 2317), (859, 2329), (862, 2335), (929, 2416), (1001, 2512), (1047, 2560), (1110, 2635), (1165, 2716), (1213, 2776), (1214, 2779),

Gene: MaCh_12 Start: 8021, Stop: 9784, Start Num: 96
Candidate Starts for MaCh_12:
(Start: 96 @8021 has 243 MA's), (Start: 120 @8042 has 11 MA's), (179, 8129), (250, 8258), (262, 8282), (300, 8345), (381, 8489), (408, 8540), (411, 8543), (469, 8654), (479, 8678), (480, 8681), (510, 8744), (513, 8753), (518, 8768), (580, 8885), (584, 8900), (605, 8960), (638, 9044), (806, 9272), (812, 9284), (852, 9332), (862, 9347), (901, 9386), (916, 9407), (942, 9446), (979, 9491), (985, 9503), (1168, 9740), (1191, 9767),

Gene: MaGuCo_2 Start: 532, Stop: 2271, Start Num: 95
Candidate Starts for MaGuCo_2:
(Start: 95 @532 has 435 MA's), (Start: 142 @592 has 2 MA's), (Start: 149 @601 has 162 MA's), (Start: 191 @655 has 2 MA's), (293, 778), (365, 916), (373, 928), (386, 952), (411, 997), (436, 1045), (482, 1138), (532, 1237), (534, 1240), (560, 1297), (603, 1399), (604, 1402), (647, 1468), (687, 1525), (813, 1714), (959, 1906), (985, 1942), (997, 1957), (1105, 2122), (1150, 2194), (1165, 2209), (1167, 2212), (1201, 2257),

Gene: MaVan_6 Start: 1989, Stop: 3689, Start Num: 143
Candidate Starts for MaVan_6:
(Start: 143 @1989 has 83 MA's), (Start: 167 @2019 has 4 MA's), (205, 2061), (300, 2199), (327, 2247), (341, 2277), (362, 2310), (378, 2346), (386, 2361), (392, 2376), (411, 2406), (434, 2457), (482, 2556), (497, 2577), (532, 2646), (550, 2688), (568, 2718), (623, 2865), (642, 2916), (685, 2979), (697, 3003), (775, 3069), (789, 3102), (796, 3126), (798, 3129), (803, 3138), (813, 3159), (834, 3186), (862, 3231), (869, 3243), (879, 3249), (901, 3270), (926, 3309), (1001, 3408), (1016, 3444), (1110, 3531), (1165, 3612), (1168, 3618), (1213, 3675), (1214, 3678),

Gene: Mabel_12 Start: 8088, Stop: 9851, Start Num: 96
Candidate Starts for Mabel_12:
(Start: 96 @8088 has 243 MA's), (Start: 120 @8109 has 11 MA's), (179, 8196), (250, 8325), (262, 8349), (300, 8412), (381, 8556), (408, 8607), (411, 8610), (469, 8721), (479, 8745), (480, 8748), (510, 8811), (513, 8820), (518, 8835), (580, 8952), (584, 8967), (605, 9027), (638, 9111), (806, 9339), (812, 9351), (852, 9399), (862, 9414), (901, 9453), (916, 9474), (942, 9513), (979, 9558), (985, 9570), (1168, 9807), (1191, 9834),

Gene: Mabodamaca_2 Start: 633, Stop: 2351, Start Num: 93
Candidate Starts for Mabodamaca_2:
(Start: 93 @633 has 92 MA's), (373, 1005), (400, 1056), (411, 1074), (482, 1224), (513, 1278), (521, 1302), (550, 1356), (773, 1719), (800, 1770), (852, 1854), (985, 2025), (997, 2040), (1060, 2139), (1105, 2205), (1150, 2277),

Gene: MacGully_32 Start: 14107, Stop: 15783, Start Num: 111
Candidate Starts for MacGully_32:
(Start: 111 @14107 has 202 MA's), (Start: 158 @14164 has 2 MA's), (222, 14251), (242, 14290), (244, 14293), (247, 14302), (324, 14419), (369, 14476), (381, 14497), (392, 14521), (408, 14548), (428, 14581), (458, 14647), (481, 14695), (514, 14758), (523, 14785), (604, 14953), (608, 14965), (675, 15076), (707, 15127), (741, 15154), (745, 15157), (869, 15355), (870, 15358), (908, 15403), (954, 15469), (988, 15502), (1094, 15619), (1107, 15640), (1139, 15688), (1157, 15718), (1200, 15775),

Gene: Maco6_3 Start: 1054, Stop: 2718, Start Num: 143
Candidate Starts for Maco6_3:
(Start: 143 @1054 has 83 MA's), (Start: 182 @1093 has 15 MA's), (200, 1117), (300, 1246), (378, 1393), (386, 1408), (411, 1453), (434, 1501), (450, 1537), (480, 1594), (497, 1618), (514, 1654), (604, 1852), (609, 1867), (623, 1906), (704, 2053), (789, 2143), (800, 2173), (869, 2278), (959, 2386), (981, 2416), (1001, 2443), (1005, 2455), (1047, 2491), (1050, 2494), (1122, 2587), (1157, 2644),

Gene: MadMarie_13 Start: 6959, Stop: 8659, Start Num: 102
Candidate Starts for MadMarie_13:
(Start: 102 @6959 has 88 MA's), (137, 7007), (253, 7142), (362, 7334), (411, 7421), (510, 7619), (550, 7709), (583, 7772), (644, 7934), (800, 8132), (812, 8156), (813, 8159), (862, 8222), (882, 8243), (916, 8282), (985, 8378), (1014, 8432), (1070, 8468), (1168, 8615), (1193, 8645), (1196, 8648),

Gene: MadMen_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for MadMen_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069,

2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: MadamMonkfish_8 Start: 2141, Stop: 3811, Start Num: 272
Candidate Starts for MadamMonkfish_8:
(Start: 272 @2141 has 48 MA's), (309, 2204), (435, 2438), (487, 2540), (570, 2720), (576, 2744), (585, 2762), (595, 2774), (616, 2837), (621, 2849), (642, 2894), (649, 2909), (700, 2987), (728, 3032), (759, 3086), (760, 3092), (814, 3206), (910, 3350), (933, 3386), (1014, 3539), (1022, 3551), (1065, 3608), (1091, 3644), (1124, 3695), (1142, 3731), (1145, 3734), (1193, 3800),

Gene: Madamato_8 Start: 3120, Stop: 4865, Start Num: 187
Candidate Starts for Madamato_8:
(Start: 187 @3120 has 203 MA's), (195, 3126), (229, 3174), (231, 3177), (254, 3219), (380, 3453), (430, 3552), (444, 3594), (454, 3615), (480, 3669), (522, 3768), (530, 3786), (584, 3918), (634, 4047), (644, 4071), (726, 4200), (771, 4269), (807, 4338), (876, 4413), (929, 4482), (931, 4485), (962, 4536), (1012, 4623), (1045, 4656), (1059, 4689), (1069, 4710), (1071, 4713), (1080, 4725), (1094, 4743), (1133, 4806), (1139, 4818),

Gene: Madavieve_2 Start: 498, Stop: 2222, Start Num: 201
Candidate Starts for Madavieve_2:
(Start: 190 @483 has 1 MA's), (Start: 201 @498 has 43 MA's), (259, 588), (323, 702), (393, 828), (397, 834), (411, 858), (438, 915), (476, 987), (571, 1185), (590, 1227), (596, 1233), (626, 1317), (641, 1344), (700, 1440), (711, 1455), (725, 1482), (826, 1659), (999, 1932), (1001, 1935), (1003, 1941), (1011, 1962), (1034, 2001), (1066, 2049), (1073, 2058), (1091, 2082), (1114, 2100), (1145, 2157), (1194, 2214),

Gene: Madebyisha_3 Start: 1155, Stop: 2615, Start Num: 149
Candidate Starts for Madebyisha_3:
(Start: 149 @1155 has 162 MA's), (Start: 154 @1161 has 4 MA's), (Start: 272 @1323 has 48 MA's), (278, 1332), (315, 1392), (348, 1461), (366, 1482), (394, 1533), (520, 1737), (592, 1872), (642, 1950), (649, 1965), (674, 2001), (703, 2043), (739, 2076), (765, 2094), (834, 2214), (835, 2217), (848, 2229), (905, 2304), (944, 2367), (958, 2385), (960, 2388), (1098, 2550), (1104, 2559), (1110, 2568),

Gene: Madeline_2 Start: 498, Stop: 2222, Start Num: 201
Candidate Starts for Madeline_2:
(Start: 190 @483 has 1 MA's), (Start: 201 @498 has 43 MA's), (259, 588), (323, 702), (383, 804), (393, 828), (397, 834), (411, 858), (438, 915), (476, 987), (571, 1185), (590, 1227), (596, 1233), (626, 1317), (627, 1320), (641, 1344), (711, 1455), (725, 1482), (802, 1617), (814, 1641), (826, 1659), (842, 1692), (999, 1932), (1001, 1935), (1003, 1941), (1011, 1962), (1034, 2001), (1066, 2049), (1073, 2058), (1091, 2082), (1114, 2100), (1145, 2157), (1194, 2214),

Gene: Madvan_17 Start: 10302, Stop: 12047, Start Num: 187
Candidate Starts for Madvan_17:
(Start: 187 @10302 has 203 MA's), (195, 10308), (252, 10395), (254, 10401), (274, 10437), (302, 10491), (322, 10521), (395, 10668), (444, 10776), (451, 10794), (454, 10797), (492, 10866), (522, 10950), (530, 10968), (555, 11025), (604, 11154), (644, 11253), (647, 11259), (704, 11358), (726, 11382), (863, 11568), (868, 11577), (916, 11643), (929, 11664), (931, 11667), (1069, 11892), (1071, 11895), (1080, 11907), (1136, 11997), (1139, 12000),

Gene: Magel_13 Start: 7213, Stop: 8958, Start Num: 187
Candidate Starts for Magel_13:
(Start: 187 @7213 has 203 MA's), (195, 7219), (252, 7306), (254, 7312), (274, 7348), (302, 7402), (444, 7687), (451, 7705), (454, 7708), (492, 7777), (530, 7879), (545, 7915), (555, 7936), (570, 7960),

(588, 8017), (604, 8065), (630, 8131), (644, 8164), (647, 8170), (665, 8200), (680, 8221), (726, 8293), (868, 8488), (916, 8554), (929, 8575), (931, 8578), (968, 8638), (1045, 8749), (1060, 8785), (1071, 8806), (1080, 8818), (1114, 8866), (1136, 8908), (1139, 8911),

Gene: Maggie_4 Start: 800, Stop: 2290, Start Num: 146
Candidate Starts for Maggie_4:
(Start: 146 @800 has 40 MA's), (181, 845), (255, 947), (267, 965), (274, 974), (313, 1025), (315, 1028), (319, 1037), (330, 1067), (345, 1094), (415, 1193), (474, 1292), (486, 1316), (488, 1319), (491, 1322), (513, 1367), (650, 1601), (692, 1649), (694, 1661), (728, 1700), (748, 1718), (768, 1730), (770, 1733), (781, 1754), (785, 1760), (789, 1772), (838, 1850), (874, 1904), (930, 1958), (940, 1970), (970, 2015), (1005, 2063), (1081, 2147), (1125, 2204), (1175, 2273),

Gene: Magnar_11 Start: 6723, Stop: 8411, Start Num: 95
Candidate Starts for Magnar_11:
(Start: 95 @6723 has 435 MA's), (Start: 258 @6903 has 2 MA's), (311, 6987), (327, 7023), (339, 7050), (411, 7173), (430, 7206), (469, 7281), (510, 7371), (518, 7395), (534, 7422), (553, 7470), (620, 7626), (644, 7686), (819, 7920), (862, 7974), (882, 7995), (908, 8022), (985, 8130), (1070, 8220), (1139, 8325),

Gene: Magnito_10 Start: 6474, Stop: 8162, Start Num: 95
Candidate Starts for Magnito_10:
(Start: 95 @6474 has 435 MA's), (311, 6738), (323, 6762), (411, 6924), (430, 6957), (469, 7032), (510, 7122), (518, 7146), (534, 7173), (553, 7221), (620, 7377), (644, 7437), (813, 7662), (819, 7671), (832, 7683), (862, 7725), (882, 7746), (908, 7773), (985, 7881), (1070, 7971), (1139, 8076),

Gene: Mahavrat_2 Start: 571, Stop: 2208, Start Num: 111
Candidate Starts for Mahavrat_2:
(Start: 111 @571 has 202 MA's), (Start: 118 @580 has 1 MA's), (Start: 129 @595 has 79 MA's), (Start: 158 @628 has 2 MA's), (Start: 185 @652 has 2 MA's), (188, 655), (224, 718), (244, 757), (312, 844), (352, 904), (377, 928), (381, 937), (383, 940), (392, 961), (404, 982), (440, 1054), (461, 1093), (502, 1162), (505, 1168), (514, 1198), (515, 1201), (518, 1210), (523, 1225), (534, 1243), (557, 1294), (601, 1387), (604, 1396), (711, 1567), (726, 1579), (800, 1663), (816, 1693), (818, 1696), (820, 1699), (869, 1756), (889, 1777), (893, 1780), (901, 1795), (908, 1804), (957, 1873), (982, 1903), (988, 1912), (1006, 1945), (1014, 1963), (1024, 1978), (1069, 2005), (1087, 2029), (1094, 2038), (1112, 2065), (1114, 2068), (1127, 2089), (1139, 2113), (1142, 2122), (1145, 2125), (1184, 2182),

Gene: Mahdia_2 Start: 553, Stop: 2121, Start Num: 162
Candidate Starts for Mahdia_2:
(Start: 162 @553 has 7 MA's), (179, 580), (198, 607), (233, 661), (254, 697), (319, 784), (413, 946), (420, 958), (427, 973), (437, 994), (464, 1024), (496, 1072), (520, 1135), (547, 1195), (550, 1201), (572, 1243), (637, 1327), (650, 1360), (733, 1459), (753, 1480), (785, 1522), (788, 1528), (804, 1567), (834, 1612), (837, 1618), (838, 1621), (857, 1639), (927, 1750), (982, 1819), (983, 1822), (1014, 1876), (1016, 1879), (1055, 1933), (1072, 1957), (1201, 2113),

Gene: Mainiac_13 Start: 6950, Stop: 8650, Start Num: 102
Candidate Starts for Mainiac_13:
(Start: 102 @6950 has 88 MA's), (137, 6998), (253, 7133), (362, 7325), (411, 7412), (510, 7610), (550, 7700), (583, 7763), (644, 7925), (800, 8123), (812, 8147), (813, 8150), (862, 8213), (882, 8234), (916, 8273), (985, 8369), (1014, 8423), (1070, 8459), (1168, 8606), (1193, 8636), (1196, 8639),

Gene: Maja_2 Start: 590, Stop: 2185, Start Num: 161
Candidate Starts for Maja_2:

(Start: 161 @590 has 13 MA's), (Start: 163 @593 has 23 MA's), (285, 773), (313, 806), (315, 809), (330, 848), (342, 872), (347, 878), (407, 968), (496, 1103), (521, 1169), (559, 1250), (564, 1259), (621, 1361), (625, 1373), (672, 1457), (701, 1496), (787, 1601), (834, 1673), (861, 1709), (872, 1730), (881, 1748), (902, 1772), (907, 1781), (923, 1808), (945, 1838), (991, 1895), (1005, 1919), (1072, 2021), (1125, 2090), (1129, 2096), (1156, 2135), (1190, 2174), (1195, 2180),

Gene: Majesty_3 Start: 1086, Stop: 2546, Start Num: 149
Candidate Starts for Majesty_3:
(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (642, 1881), (649, 1896), (674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: MajinBuu_17 Start: 10506, Stop: 12251, Start Num: 187
Candidate Starts for MajinBuu_17:
(Start: 187 @10506 has 203 MA's), (195, 10512), (252, 10599), (254, 10605), (274, 10641), (302, 10695), (333, 10758), (395, 10872), (419, 10914), (444, 10980), (454, 11001), (492, 11070), (530, 11172), (555, 11229), (578, 11286), (582, 11298), (604, 11358), (644, 11457), (647, 11463), (682, 11520), (726, 11586), (863, 11772), (868, 11781), (916, 11847), (929, 11868), (931, 11871), (1051, 12051), (1069, 12096), (1071, 12099), (1080, 12111), (1136, 12201), (1139, 12204),

Gene: MajorMajor_11 Start: 6379, Stop: 8160, Start Num: 96
Candidate Starts for MajorMajor_11:
(Start: 96 @6379 has 243 MA's), (Start: 207 @6523 has 2 MA's), (227, 6568), (250, 6610), (262, 6634), (300, 6697), (329, 6751), (408, 6892), (411, 6895), (432, 6934), (469, 7003), (510, 7093), (518, 7117), (583, 7246), (584, 7249), (716, 7522), (901, 7762), (916, 7783), (979, 7867), (985, 7879), (1168, 8116), (1191, 8143), (1193, 8146), (1196, 8149),

Gene: Makai_7 Start: 3660, Stop: 5399, Start Num: 187
Candidate Starts for Makai_7:
(Start: 183 @3654 has 2 MA's), (Start: 187 @3660 has 203 MA's), (254, 3759), (322, 3879), (376, 3978), (413, 4050), (444, 4128), (454, 4149), (506, 4251), (530, 4320), (539, 4344), (543, 4353), (604, 4506), (634, 4581), (644, 4605), (704, 4710), (726, 4734), (778, 4815), (868, 4929), (876, 4947), (879, 4953), (914, 4992), (916, 4995), (929, 5016), (931, 5019), (1051, 5199), (1059, 5223), (1071, 5247), (1080, 5259), (1094, 5277), (1136, 5349), (1139, 5352),

Gene: Makoto_2 Start: 426, Stop: 1991, Start Num: 129
Candidate Starts for Makoto_2:
(Start: 129 @426 has 79 MA's), (211, 549), (Start: 268 @636 has 4 MA's), (Start: 272 @639 has 48 MA's), (313, 690), (330, 732), (342, 756), (364, 780), (452, 942), (521, 1077), (532, 1098), (548, 1137), (625, 1236), (637, 1266), (642, 1281), (661, 1314), (692, 1362), (694, 1371), (768, 1449), (787, 1485), (804, 1524), (834, 1557), (838, 1566), (861, 1593), (912, 1647), (939, 1689), (983, 1713), (1008, 1755), (1095, 1857),

Gene: MalagasyRose_7 Start: 2064, Stop: 3839, Start Num: 79
Candidate Starts for MalagasyRose_7:
(Start: 79 @2064 has 1 MA's), (Start: 111 @2106 has 202 MA's), (262, 2277), (339, 2415), (354, 2442), (373, 2475), (378, 2484), (386, 2499), (400, 2526), (403, 2532), (405, 2535), (436, 2595), (479, 2685), (480, 2688), (521, 2757), (532, 2778), (697, 3105), (712, 3126), (751, 3171), (776, 3189), (800, 3234), (806, 3246), (813, 3261), (857, 3306), (898, 3378), (916, 3405), (929, 3426), (976, 3504), (999, 3543), (1018, 3585), (1069, 3633), (1081, 3648), (1113, 3693), (1139, 3738), (1141, 3744), (1160, 3771),

Gene: Malec_13 Start: 7735, Stop: 9498, Start Num: 96

Candidate Starts for Malec_13:
(Start: 96 @7735 has 243 MA's), (179, 7843), (193, 7864), (250, 7972), (408, 8257), (411, 8260), (432, 8299), (469, 8368), (510, 8458), (518, 8482), (580, 8599), (584, 8614), (732, 8887), (800, 8974), (806, 8986), (812, 8998), (852, 9046), (862, 9061), (901, 9100), (916, 9121), (985, 9217), (1168, 9454), (1191, 9481), (1193, 9484), (1196, 9487), (1199, 9490),

Gene: Malinsilva_15 Start: 6949, Stop: 8649, Start Num: 102
Candidate Starts for Malinsilva_15:
(Start: 102 @6949 has 88 MA's), (137, 6997), (253, 7132), (362, 7324), (411, 7411), (510, 7609), (550, 7699), (583, 7762), (644, 7924), (800, 8122), (812, 8146), (813, 8149), (862, 8212), (882, 8233), (916, 8272), (985, 8368), (1014, 8422), (1070, 8458), (1168, 8605), (1193, 8635), (1196, 8638),

Gene: Malvina_6 Start: 1866, Stop: 3566, Start Num: 143
Candidate Starts for Malvina_6:
(Start: 143 @1866 has 83 MA's), (Start: 167 @1896 has 4 MA's), (205, 1938), (300, 2076), (327, 2124), (341, 2154), (362, 2187), (386, 2238), (392, 2253), (411, 2283), (423, 2304), (434, 2334), (482, 2433), (497, 2454), (532, 2523), (550, 2565), (623, 2742), (642, 2793), (685, 2856), (697, 2880), (738, 2913), (775, 2946), (796, 3003), (798, 3006), (803, 3015), (858, 3099), (869, 3120), (879, 3126), (901, 3147), (926, 3186), (1001, 3285), (1016, 3321), (1110, 3408), (1142, 3465), (1145, 3468), (1165, 3489), (1213, 3552), (1214, 3555),

Gene: MamaPearl_2 Start: 426, Stop: 1991, Start Num: 129
Candidate Starts for MamaPearl_2:
(Start: 129 @426 has 79 MA's), (Start: 268 @636 has 4 MA's), (316, 696), (330, 732), (342, 756), (364, 780), (425, 882), (452, 942), (496, 1011), (500, 1017), (521, 1077), (548, 1137), (569, 1173), (625, 1236), (637, 1266), (692, 1362), (768, 1449), (804, 1524), (834, 1557), (861, 1593), (923, 1668), (939, 1689), (941, 1692), (1008, 1755), (1022, 1779), (1095, 1857), (1192, 1977),

Gene: Maminiaina_13 Start: 7879, Stop: 9666, Start Num: 96
Candidate Starts for Maminiaina_13:
(Start: 96 @7879 has 243 MA's), (Start: 114 @7894 has 11 MA's), (Start: 120 @7900 has 11 MA's), (200, 8011), (250, 8110), (339, 8272), (381, 8344), (411, 8398), (432, 8437), (469, 8509), (510, 8599), (518, 8623), (580, 8740), (584, 8755), (622, 8863), (659, 8938), (717, 9034), (746, 9070), (806, 9154), (817, 9175), (852, 9214), (901, 9268), (916, 9289), (979, 9373), (985, 9385), (1072, 9478), (1083, 9493), (1168, 9622), (1191, 9649), (1193, 9652),

Gene: ManAs_3 Start: 1074, Stop: 2534, Start Num: 149
Candidate Starts for ManAs_3:
(Start: 149 @1074 has 162 MA's), (Start: 154 @1080 has 4 MA's), (Start: 272 @1242 has 48 MA's), (278, 1251), (315, 1311), (348, 1380), (366, 1401), (394, 1452), (520, 1656), (642, 1869), (649, 1884), (674, 1920), (703, 1962), (739, 1995), (765, 2013), (834, 2133), (835, 2136), (848, 2148), (905, 2223), (944, 2286), (958, 2304), (960, 2307), (1098, 2469), (1104, 2478), (1110, 2487), (1135, 2526),

Gene: Manasvini_2 Start: 498, Stop: 2222, Start Num: 201
Candidate Starts for Manasvini_2:
(Start: 190 @483 has 1 MA's), (Start: 201 @498 has 43 MA's), (259, 588), (393, 828), (397, 834), (411, 858), (438, 915), (476, 987), (571, 1185), (590, 1227), (596, 1233), (626, 1317), (641, 1344), (711, 1455), (725, 1482), (826, 1659), (999, 1932), (1001, 1935), (1003, 1941), (1011, 1962), (1034, 2001), (1066, 2049), (1073, 2058), (1091, 2082), (1114, 2100), (1145, 2157), (1194, 2214),

Gene: Manatee_12 Start: 7007, Stop: 8695, Start Num: 95
Candidate Starts for Manatee_12:

(Start: 95 @7007 has 435 MA's), (Start: 258 @7187 has 2 MA's), (311, 7271), (327, 7307), (339, 7334), (411, 7457), (469, 7565), (510, 7655), (518, 7679), (534, 7706), (553, 7754), (620, 7910), (622, 7919), (644, 7970), (813, 8195), (819, 8204), (832, 8216), (862, 8258), (882, 8279), (908, 8306), (985, 8414), (1070, 8504), (1139, 8609),

Gene: Mandlovu_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for Mandlovu_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (Start: 158 @629 has 2 MA's), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (244, 758), (312, 845), (352, 905), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (1006, 1946), (1014, 1964), (1024, 1979), (1069, 2006), (1094, 2039), (1107, 2060), (1112, 2066), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: Maneater_3 Start: 1062, Stop: 2522, Start Num: 149
Candidate Starts for Maneater_3:
(Start: 149 @1062 has 162 MA's), (Start: 154 @1068 has 4 MA's), (Start: 272 @1230 has 48 MA's), (278, 1239), (315, 1299), (348, 1368), (366, 1389), (394, 1440), (520, 1644), (642, 1857), (649, 1872), (674, 1908), (703, 1950), (739, 1983), (765, 2001), (834, 2121), (835, 2124), (848, 2136), (905, 2211), (944, 2274), (958, 2292), (960, 2295), (1098, 2457), (1104, 2466), (1110, 2475), (1135, 2514),

Gene: Maneekul_6 Start: 2379, Stop: 4025, Start Num: 73
Candidate Starts for Maneekul_6:
(Start: 73 @2379 has 95 MA's), (Start: 86 @2397 has 10 MA's), (283, 2601), (300, 2637), (400, 2817), (413, 2838), (458, 2925), (497, 2997), (510, 3021), (556, 3120), (565, 3135), (580, 3159), (581, 3165), (673, 3333), (719, 3393), (800, 3483), (811, 3504), (869, 3594), (959, 3702), (985, 3741), (1001, 3762), (1003, 3768), (1010, 3786), (1142, 3942), (1204, 4020),

Gene: Mantra_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Mantra_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Manu_14 Start: 7029, Stop: 8729, Start Num: 102
Candidate Starts for Manu_14:
(Start: 102 @7029 has 88 MA's), (137, 7077), (Start: 191 @7149 has 2 MA's), (253, 7212), (411, 7491), (510, 7689), (550, 7779), (583, 7842), (644, 8004), (800, 8202), (812, 8226), (813, 8229), (862, 8292), (869, 8304), (882, 8313), (901, 8331), (916, 8352), (985, 8448), (1014, 8502), (1070, 8538), (1168, 8685), (1193, 8715), (1196, 8718),

Gene: MarQuardt_13 Start: 6958, Stop: 8658, Start Num: 102
Candidate Starts for MarQuardt_13:
(Start: 102 @6958 has 88 MA's), (137, 7006), (253, 7141), (362, 7333), (411, 7420), (510, 7618), (550, 7708), (583, 7771), (644, 7933), (800, 8131), (812, 8155), (813, 8158), (862, 8221), (882, 8242), (916,

8281), (985, 8377), (1014, 8431), (1070, 8467), (1168, 8614), (1193, 8644), (1196, 8647),

Gene: Marav_9 Start: 3096, Stop: 4742, Start Num: 73
Candidate Starts for Marav_9:
(Start: 73 @3096 has 95 MA's), (Start: 207 @3246 has 2 MA's), (311, 3366), (326, 3399), (378, 3492), (381, 3498), (386, 3507), (400, 3534), (413, 3555), (458, 3642), (497, 3714), (510, 3738), (556, 3837), (574, 3873), (584, 3891), (616, 3978), (648, 4014), (673, 4050), (800, 4200), (811, 4221), (869, 4311), (901, 4338), (959, 4419), (985, 4458), (1001, 4479), (1010, 4503), (1081, 4563), (1142, 4659),

Gene: Maravista_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for Maravista_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (147, 617), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (230, 737), (244, 758), (312, 845), (315, 851), (352, 905), (369, 917), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (415, 998), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (604, 1397), (711, 1568), (726, 1580), (748, 1598), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1016, 1967), (1024, 1979), (1069, 2006), (1094, 2039), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: Marcell_11 Start: 6934, Stop: 8622, Start Num: 95
Candidate Starts for Marcell_11:
(Start: 95 @6934 has 435 MA's), (311, 7198), (323, 7222), (411, 7384), (430, 7417), (469, 7492), (510, 7582), (518, 7606), (534, 7633), (553, 7681), (591, 7750), (620, 7837), (644, 7897), (813, 8122), (819, 8131), (832, 8143), (862, 8185), (882, 8206), (908, 8233), (985, 8341), (1070, 8431), (1139, 8536),

Gene: Marchesa_11 Start: 6547, Stop: 8244, Start Num: 95
Candidate Starts for Marchesa_11:
(Start: 95 @6547 has 435 MA's), (Start: 122 @6571 has 1 MA's), (152, 6619), (311, 6817), (339, 6880), (403, 6991), (411, 7003), (432, 7042), (438, 7054), (469, 7111), (479, 7135), (510, 7201), (513, 7210), (550, 7291), (565, 7318), (620, 7456), (661, 7543), (740, 7642), (800, 7717), (812, 7741), (813, 7744), (817, 7750), (825, 7759), (862, 7807), (916, 7867), (985, 7963), (1010, 8008), (1014, 8017), (1145, 8170), (1168, 8200), (1193, 8230), (1196, 8233),

Gene: Marchy_10 Start: 6561, Stop: 8249, Start Num: 95
Candidate Starts for Marchy_10:
(Start: 95 @6561 has 435 MA's), (311, 6825), (323, 6849), (411, 7011), (430, 7044), (469, 7119), (510, 7209), (518, 7233), (553, 7308), (620, 7464), (622, 7473), (642, 7521), (644, 7524), (813, 7749), (819, 7758), (832, 7770), (862, 7812), (882, 7833), (908, 7860), (985, 7968), (1070, 8058), (1139, 8163),

Gene: Marco3_11 Start: 7206, Stop: 8894, Start Num: 95
Candidate Starts for Marco3_11:
(Start: 95 @7206 has 435 MA's), (311, 7470), (323, 7494), (411, 7656), (430, 7689), (469, 7764), (510, 7854), (518, 7878), (534, 7905), (553, 7953), (591, 8022), (620, 8109), (644, 8169), (813, 8394), (819, 8403), (832, 8415), (862, 8457), (882, 8478), (908, 8505), (985, 8613), (1070, 8703), (1139, 8808),

Gene: Mardi_9 Start: 3531, Stop: 5264, Start Num: 187
Candidate Starts for Mardi_9:
(Start: 187 @3531 has 203 MA's), (254, 3630), (388, 3867), (413, 3915), (444, 3993), (451, 4011), (454, 4014), (492, 4083), (530, 4185), (539, 4209), (570, 4266), (604, 4371), (644, 4470), (661, 4500), (685, 4542), (726, 4599), (771, 4668), (778, 4680), (868, 4794), (876, 4812), (929, 4881), (931, 4884), (1059, 5088), (1071, 5112), (1080, 5124), (1089, 5136), (1112, 5169), (1136, 5214), (1139, 5217),

Gene: Margaret_7 Start: 1862, Stop: 3562, Start Num: 140
Candidate Starts for Margaret_7:
(Start: 140 @1862 has 9 MA's), (Start: 191 @1916 has 2 MA's), (205, 1937), (219, 1964), (290, 2039), (300, 2075), (341, 2153), (381, 2228), (386, 2237), (411, 2282), (434, 2333), (482, 2432), (532, 2522), (574, 2612), (598, 2666), (623, 2741), (697, 2879), (773, 2939), (776, 2945), (803, 3011), (806, 3017), (862, 3101), (882, 3122), (929, 3182), (934, 3188), (959, 3221), (1047, 3326), (1141, 3455), (1142, 3458), (1179, 3503), (1213, 3548), (1214, 3551),

Gene: Marge_12 Start: 7457, Stop: 9145, Start Num: 107
Candidate Starts for Marge_12:
(Start: 107 @7457 has 24 MA's), (Start: 258 @7637 has 2 MA's), (311, 7721), (324, 7748), (327, 7757), (411, 7907), (430, 7940), (469, 8015), (510, 8105), (518, 8129), (534, 8156), (553, 8204), (591, 8273), (620, 8360), (644, 8420), (813, 8645), (819, 8654), (832, 8666), (862, 8708), (882, 8729), (908, 8756), (985, 8864), (1070, 8954), (1139, 9059),

Gene: Margo_12 Start: 7069, Stop: 8766, Start Num: 95
Candidate Starts for Margo_12:
(Start: 95 @7069 has 435 MA's), (Start: 122 @7093 has 1 MA's), (311, 7339), (403, 7513), (411, 7525), (432, 7564), (438, 7576), (469, 7633), (479, 7657), (510, 7723), (513, 7732), (550, 7813), (570, 7846), (620, 7978), (623, 7990), (647, 8044), (661, 8065), (685, 8098), (732, 8152), (800, 8239), (812, 8263), (813, 8266), (817, 8272), (825, 8281), (862, 8329), (901, 8368), (904, 8371), (916, 8389), (985, 8485), (1014, 8539), (1145, 8692), (1168, 8722), (1193, 8752), (1196, 8755),

Gene: Maria1952_2 Start: 428, Stop: 1993, Start Num: 129
Candidate Starts for Maria1952_2:
(Start: 129 @428 has 79 MA's), (Start: 245 @599 has 2 MA's), (313, 692), (317, 701), (330, 734), (338, 749), (342, 758), (364, 782), (394, 836), (455, 947), (496, 1013), (500, 1019), (521, 1079), (548, 1139), (564, 1169), (637, 1268), (764, 1442), (768, 1451), (787, 1487), (789, 1493), (806, 1529), (837, 1565), (862, 1598), (897, 1637), (907, 1643), (1024, 1784), (1095, 1859), (1151, 1940), (1192, 1979),

Gene: Marianna39_16 Start: 7544, Stop: 9328, Start Num: 187
Candidate Starts for Marianna39_16:
(Start: 183 @7538 has 2 MA's), (Start: 187 @7544 has 203 MA's), (254, 7643), (388, 7892), (413, 7940), (444, 8018), (454, 8039), (492, 8108), (530, 8210), (549, 8255), (555, 8267), (578, 8324), (604, 8396), (644, 8495), (680, 8552), (685, 8567), (726, 8624), (771, 8693), (778, 8705), (833, 8798), (868, 8858), (876, 8876), (879, 8882), (929, 8945), (931, 8948), (954, 8987), (1045, 9119), (1059, 9152), (1071, 9176), (1080, 9188), (1094, 9206), (1136, 9278), (1139, 9281),

Gene: Marichuy_3 Start: 1179, Stop: 2639, Start Num: 149
Candidate Starts for Marichuy_3:
(Start: 149 @1179 has 162 MA's), (Start: 154 @1185 has 4 MA's), (Start: 272 @1347 has 48 MA's), (278, 1356), (315, 1416), (348, 1485), (366, 1506), (394, 1557), (520, 1761), (642, 1974), (649, 1989), (674, 2025), (703, 2067), (739, 2100), (765, 2118), (834, 2238), (835, 2241), (848, 2253), (905, 2328), (944, 2391), (958, 2409), (960, 2412), (1098, 2574), (1104, 2583), (1110, 2592), (1135, 2631),

Gene: Maridalia_2 Start: 498, Stop: 2222, Start Num: 201
Candidate Starts for Maridalia_2:
(Start: 190 @483 has 1 MA's), (Start: 201 @498 has 43 MA's), (259, 588), (393, 828), (397, 834), (411, 858), (438, 915), (476, 987), (571, 1185), (590, 1227), (596, 1233), (626, 1317), (641, 1344), (711, 1455), (725, 1482), (826, 1659), (999, 1932), (1001, 1935), (1003, 1941), (1011, 1962), (1034, 2001), (1066, 2049), (1073, 2058), (1091, 2082), (1114, 2100), (1145, 2157), (1194, 2214),

Gene: Marie_13 Start: 6955, Stop: 8655, Start Num: 102

Candidate Starts for Marie_13:
(Start: 102 @6955 has 88 MA's), (137, 7003), (253, 7138), (362, 7330), (411, 7417), (431, 7453), (510, 7615), (550, 7705), (583, 7768), (644, 7930), (800, 8128), (812, 8152), (813, 8155), (862, 8218), (882, 8239), (916, 8278), (985, 8374), (1014, 8428), (1070, 8464), (1168, 8611), (1193, 8641), (1196, 8644),

Gene: Marietta_26 Start: 10406, Stop: 12133, Start Num: 111
Candidate Starts for Marietta_26:
(Start: 111 @10406 has 202 MA's), (Start: 158 @10469 has 2 MA's), (222, 10556), (247, 10607), (281, 10652), (299, 10682), (303, 10691), (324, 10724), (359, 10814), (369, 10832), (514, 11114), (523, 11141), (604, 11309), (608, 11321), (675, 11432), (818, 11615), (893, 11729), (901, 11744), (922, 11777), (988, 11852), (1112, 11996), (1139, 12038), (1157, 12068), (1186, 12110),

Gene: Mariposa_4 Start: 800, Stop: 2290, Start Num: 146
Candidate Starts for Mariposa_4:
(Start: 146 @800 has 40 MA's), (181, 845), (255, 947), (267, 965), (274, 974), (313, 1025), (315, 1028), (319, 1037), (330, 1067), (345, 1094), (415, 1193), (474, 1292), (486, 1316), (488, 1319), (491, 1322), (513, 1367), (650, 1601), (692, 1649), (694, 1661), (728, 1700), (748, 1718), (768, 1730), (770, 1733), (781, 1754), (785, 1760), (789, 1772), (838, 1850), (874, 1904), (930, 1958), (940, 1970), (970, 2015), (1005, 2063), (1081, 2147), (1125, 2204), (1175, 2273),

Gene: Marius_14 Start: 7029, Stop: 8729, Start Num: 102
Candidate Starts for Marius_14:
(Start: 102 @7029 has 88 MA's), (137, 7077), (Start: 191 @7149 has 2 MA's), (253, 7212), (411, 7491), (510, 7689), (550, 7779), (583, 7842), (644, 8004), (800, 8202), (812, 8226), (813, 8229), (862, 8292), (869, 8304), (882, 8313), (901, 8331), (916, 8352), (985, 8448), (1014, 8502), (1070, 8538), (1168, 8685), (1193, 8715), (1196, 8718),

Gene: Maroc7_10 Start: 6747, Stop: 8435, Start Num: 95
Candidate Starts for Maroc7_10:
(Start: 95 @6747 has 435 MA's), (311, 7011), (323, 7035), (411, 7197), (430, 7230), (469, 7305), (510, 7395), (518, 7419), (534, 7446), (553, 7494), (591, 7563), (615, 7638), (620, 7650), (644, 7710), (819, 7944), (832, 7956), (862, 7998), (882, 8019), (908, 8046), (985, 8154), (1070, 8244), (1139, 8349),

Gene: Marsha_11 Start: 7191, Stop: 8879, Start Num: 95
Candidate Starts for Marsha_11:
(Start: 95 @7191 has 435 MA's), (Start: 258 @7371 has 2 MA's), (311, 7455), (327, 7491), (339, 7518), (411, 7641), (469, 7749), (510, 7839), (518, 7863), (534, 7890), (553, 7938), (620, 8094), (644, 8154), (813, 8379), (819, 8388), (832, 8400), (862, 8442), (882, 8463), (908, 8490), (985, 8598), (1070, 8688), (1139, 8793),

Gene: Marteena_2 Start: 485, Stop: 2284, Start Num: 71
Candidate Starts for Marteena_2:
(Start: 71 @485 has 22 MA's), (170, 623), (195, 650), (295, 782), (300, 797), (347, 881), (365, 911), (373, 923), (378, 932), (398, 971), (411, 992), (441, 1052), (456, 1076), (495, 1148), (513, 1184), (527, 1220), (571, 1310), (580, 1331), (596, 1376), (598, 1382), (603, 1400), (608, 1415), (745, 1589), (778, 1616), (813, 1685), (817, 1691), (862, 1757), (869, 1769), (884, 1796), (959, 1907), (979, 1943), (985, 1955), (990, 1961), (1000, 1979), (1011, 2006), (1025, 2030), (1077, 2093), (1105, 2135), (1141, 2192), (1150, 2207), (1165, 2222), (1204, 2270), (1206, 2273),

Gene: Martik_2 Start: 573, Stop: 2210, Start Num: 111
Candidate Starts for Martik_2:
(Start: 111 @573 has 202 MA's), (Start: 118 @582 has 1 MA's), (Start: 129 @597 has 79 MA's), (147, 618), (Start: 185 @654 has 2 MA's), (188, 657), (200, 675), (224, 720), (244, 759), (312, 846), (352,

906), (377, 930), (381, 939), (383, 942), (392, 963), (404, 984), (415, 999), (440, 1056), (461, 1095), (502, 1164), (505, 1170), (514, 1200), (515, 1203), (518, 1212), (523, 1227), (534, 1245), (557, 1296), (601, 1389), (604, 1398), (711, 1569), (726, 1581), (800, 1665), (816, 1695), (818, 1698), (820, 1701), (869, 1758), (884, 1773), (889, 1779), (893, 1782), (901, 1797), (908, 1806), (934, 1845), (957, 1875), (982, 1905), (988, 1914), (1006, 1947), (1024, 1980), (1069, 2007), (1094, 2040), (1114, 2070), (1127, 2091), (1139, 2115), (1142, 2124), (1145, 2127), (1184, 2184),

Gene: Marvin_33 Start: 11120, Stop: 12862, Start Num: 143
Candidate Starts for Marvin_33:
(Start: 143 @11120 has 83 MA's), (253, 11237), (283, 11282), (305, 11348), (306, 11363), (323, 11396), (324, 11399), (329, 11414), (341, 11438), (342, 11441), (362, 11471), (375, 11492), (378, 11510), (383, 11519), (402, 11555), (411, 11570), (434, 11615), (458, 11657), (477, 11696), (482, 11708), (497, 11729), (519, 11780), (534, 11801), (635, 12023), (697, 12128), (704, 12137), (749, 12170), (776, 12191), (778, 12194), (789, 12221), (800, 12251), (806, 12263), (813, 12278), (819, 12287), (825, 12293), (852, 12335), (858, 12344), (865, 12359), (882, 12374), (929, 12434), (954, 12473), (980, 12506), (1001, 12536), (1002, 12539), (1040, 12623), (1081, 12677), (1092, 12692), (1113, 12719), (1142, 12773), (1211, 12845), (1213, 12848),

Gene: MaryBeth_11 Start: 7169, Stop: 8857, Start Num: 95
Candidate Starts for MaryBeth_11:
(Start: 95 @7169 has 435 MA's), (Start: 258 @7349 has 2 MA's), (311, 7433), (327, 7469), (411, 7619), (469, 7727), (510, 7817), (518, 7841), (534, 7868), (553, 7916), (591, 7985), (615, 8060), (620, 8072), (644, 8132), (813, 8357), (819, 8366), (832, 8378), (862, 8420), (882, 8441), (908, 8468), (985, 8576), (1070, 8666), (1139, 8771),

Gene: MaryV_26 Start: 8094, Stop: 9707, Start Num: 108
Candidate Starts for MaryV_26:
(Start: 108 @8094 has 5 MA's), (238, 8244), (248, 8262), (Start: 268 @8295 has 4 MA's), (278, 8307), (317, 8358), (319, 8361), (339, 8409), (342, 8415), (374, 8454), (377, 8457), (392, 8490), (432, 8559), (470, 8625), (478, 8643), (494, 8667), (498, 8673), (540, 8778), (572, 8820), (589, 8838), (592, 8847), (741, 9051), (747, 9057), (762, 9090), (862, 9255), (867, 9264), (870, 9270), (872, 9273), (930, 9348), (959, 9381), (968, 9396), (1016, 9477), (1140, 9630), (1153, 9651), (1155, 9654),

Gene: MarysWell_8 Start: 6156, Stop: 7907, Start Num: 63
Candidate Starts for MarysWell_8:
(Start: 52 @6129 has 23 MA's), (Start: 63 @6156 has 32 MA's), (112, 6225), (196, 6339), (200, 6345), (300, 6477), (339, 6552), (341, 6555), (362, 6588), (381, 6621), (439, 6729), (449, 6753), (469, 6786), (510, 6861), (526, 6906), (565, 6984), (570, 6990), (632, 7155), (647, 7188), (661, 7209), (800, 7383), (812, 7407), (813, 7410), (862, 7470), (869, 7482), (901, 7509), (916, 7530), (979, 7614), (985, 7626), (1072, 7719), (1168, 7863), (1196, 7896), (1202, 7902),

Gene: Maselop_28 Start: 14057, Stop: 15730, Start Num: 111
Candidate Starts for Maselop_28:
(Start: 111 @14057 has 202 MA's), (222, 14201), (247, 14252), (369, 14426), (381, 14447), (392, 14471), (408, 14498), (428, 14531), (458, 14597), (481, 14645), (514, 14708), (523, 14735), (604, 14903), (608, 14915), (675, 15026), (707, 15077), (801, 15176), (855, 15275), (861, 15287), (881, 15314), (893, 15326), (901, 15341), (954, 15416), (988, 15449), (1006, 15482), (1094, 15566), (1107, 15587), (1139, 15635), (1189, 15710),

Gene: Massimo_4 Start: 800, Stop: 2290, Start Num: 146
Candidate Starts for Massimo_4:
(Start: 146 @800 has 40 MA's), (181, 845), (255, 947), (267, 965), (274, 974), (313, 1025), (315, 1028), (319, 1037), (330, 1067), (345, 1094), (415, 1193), (474, 1292), (486, 1316), (488, 1319), (491, 1322),

(513, 1367), (650, 1601), (692, 1649), (694, 1661), (728, 1700), (748, 1718), (768, 1730), (770, 1733), (781, 1754), (785, 1760), (789, 1772), (838, 1850), (874, 1904), (930, 1958), (940, 1970), (970, 2015), (1005, 2063), (1081, 2147), (1125, 2204), (1175, 2273),

Gene: MasterPitts_3 Start: 1086, Stop: 2546, Start Num: 149
Candidate Starts for MasterPitts_3:
(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (642, 1881), (649, 1896), (674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: Mattes_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for Mattes_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (Start: 158 @629 has 2 MA's), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (244, 758), (312, 845), (352, 905), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (601, 1388), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1024, 1979), (1069, 2006), (1094, 2039), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: MauiIvory_3 Start: 1185, Stop: 2639, Start Num: 154
Candidate Starts for MauiIvory_3:
(Start: 149 @1179 has 162 MA's), (Start: 154 @1185 has 4 MA's), (Start: 272 @1347 has 48 MA's), (278, 1356), (315, 1416), (348, 1485), (366, 1506), (394, 1557), (520, 1761), (592, 1896), (642, 1974), (649, 1989), (661, 2007), (674, 2025), (703, 2067), (739, 2100), (765, 2118), (834, 2238), (835, 2241), (848, 2253), (857, 2265), (905, 2328), (941, 2385), (944, 2391), (949, 2400), (958, 2409), (960, 2412), (1098, 2574), (1104, 2583), (1110, 2592), (1135, 2631),

Gene: Maureen_2 Start: 532, Stop: 2271, Start Num: 95
Candidate Starts for Maureen_2:
(Start: 95 @532 has 435 MA's), (Start: 142 @592 has 2 MA's), (Start: 149 @601 has 162 MA's), (Start: 191 @655 has 2 MA's), (293, 778), (365, 916), (373, 928), (386, 952), (411, 997), (436, 1045), (482, 1138), (532, 1237), (534, 1240), (560, 1297), (603, 1399), (604, 1402), (647, 1468), (687, 1525), (726, 1594), (813, 1714), (959, 1906), (985, 1942), (997, 1957), (1105, 2122), (1150, 2194), (1165, 2209), (1167, 2212), (1201, 2257),

Gene: Maverick_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Maverick_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Maxo_11 Start: 6885, Stop: 8582, Start Num: 95
Candidate Starts for Maxo_11:
(Start: 95 @6885 has 435 MA's), (Start: 122 @6909 has 1 MA's), (Start: 207 @7032 has 2 MA's), (293, 7122), (311, 7155), (362, 7254), (408, 7338), (411, 7341), (432, 7380), (469, 7449), (479, 7473), (510, 7539), (550, 7629), (620, 7794), (661, 7881), (685, 7914), (740, 7980), (798, 8052), (800, 8055), (812, 8079), (852, 8130), (862, 8145), (901, 8184), (916, 8205), (985, 8301), (1168, 8538), (1193, 8568), (1196, 8571),

Gene: Maxxinista_9 Start: 2280, Stop: 3950, Start Num: 272
Candidate Starts for Maxxinista_9:
(Start: 272 @2280 has 48 MA's), (309, 2343), (435, 2577), (487, 2679), (570, 2859), (576, 2883), (585, 2901), (595, 2913), (616, 2976), (621, 2988), (642, 3033), (649, 3048), (700, 3126), (728, 3171), (759, 3225), (760, 3231), (814, 3345), (910, 3489), (933, 3525), (1014, 3678), (1022, 3690), (1065, 3747), (1091, 3783), (1124, 3834), (1142, 3870), (1145, 3873), (1193, 3939),

Gene: Maya_8 Start: 3154, Stop: 4899, Start Num: 187
Candidate Starts for Maya_8:
(Start: 187 @3154 has 203 MA's), (229, 3208), (231, 3211), (252, 3247), (254, 3253), (380, 3487), (430, 3586), (444, 3628), (454, 3649), (476, 3691), (480, 3703), (522, 3802), (530, 3820), (545, 3856), (634, 4081), (644, 4105), (647, 4111), (726, 4234), (771, 4303), (863, 4420), (866, 4426), (876, 4447), (929, 4516), (931, 4519), (962, 4570), (1012, 4657), (1059, 4723), (1071, 4747), (1080, 4759), (1094, 4777), (1136, 4849), (1139, 4852),

Gene: Mayonnaise_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Mayonnaise_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Mayweather_5 Start: 1518, Stop: 3194, Start Num: 143
Candidate Starts for Mayweather_5:
(Start: 143 @1518 has 83 MA's), (Start: 191 @1569 has 2 MA's), (205, 1590), (254, 1635), (283, 1677), (300, 1713), (334, 1779), (373, 1842), (386, 1875), (405, 1911), (411, 1920), (413, 1923), (434, 1971), (482, 2070), (497, 2091), (514, 2127), (521, 2148), (540, 2184), (574, 2250), (598, 2304), (678, 2484), (697, 2517), (776, 2583), (778, 2586), (803, 2649), (806, 2655), (929, 2820), (954, 2853), (1003, 2922), (1081, 3000), (1083, 3003), (1141, 3093), (1145, 3099), (1165, 3120), (1213, 3180), (1214, 3183),

Gene: Mazhar510_11 Start: 6885, Stop: 8582, Start Num: 95
Candidate Starts for Mazhar510_11:
(Start: 95 @6885 has 435 MA's), (Start: 122 @6909 has 1 MA's), (Start: 207 @7032 has 2 MA's), (293, 7122), (311, 7155), (362, 7254), (408, 7338), (411, 7341), (432, 7380), (469, 7449), (479, 7473), (510, 7539), (550, 7629), (620, 7794), (661, 7881), (685, 7914), (740, 7980), (798, 8052), (800, 8055), (812, 8079), (852, 8130), (862, 8145), (901, 8184), (916, 8205), (985, 8301), (1168, 8538), (1193, 8568), (1196, 8571),

Gene: McDazzle_3 Start: 1365, Stop: 3041, Start Num: 143
Candidate Starts for McDazzle_3:
(Start: 143 @1365 has 83 MA's), (Start: 191 @1416 has 2 MA's), (205, 1437), (254, 1482), (334, 1626), (373, 1689), (386, 1722), (405, 1758), (411, 1767), (413, 1770), (430, 1803), (434, 1818), (482, 1917), (497, 1938), (514, 1974), (521, 1995), (540, 2031), (574, 2097), (598, 2151), (678, 2331), (697, 2364), (776, 2430), (778, 2433), (803, 2496), (806, 2502), (929, 2667), (954, 2700), (1003, 2769), (1081, 2847), (1083, 2850), (1141, 2940), (1145, 2946), (1165, 2967), (1213, 3027), (1214, 3030),

Gene: McFly_15 Start: 7533, Stop: 9287, Start Num: 96
Candidate Starts for McFly_15:
(Start: 96 @7533 has 243 MA's), (250, 7764), (283, 7815), (300, 7851), (339, 7926), (411, 8049), (432, 8088), (469, 8157), (479, 8181), (480, 8184), (510, 8247), (518, 8271), (570, 8370), (571, 8373), (583, 8400), (584, 8403), (740, 8688), (806, 8775), (812, 8787), (862, 8850), (901, 8889), (916, 8910), (979,

8994), (985, 9006), (1168, 9243), (1191, 9270), (1193, 9273),

Gene: McGuire_12 Start: 7052, Stop: 8740, Start Num: 95
Candidate Starts for McGuire_12:
(Start: 95 @7052 has 435 MA's), (Start: 258 @7232 has 2 MA's), (311, 7316), (327, 7352), (339, 7379), (411, 7502), (469, 7610), (510, 7700), (518, 7724), (534, 7751), (553, 7799), (620, 7955), (642, 8012), (644, 8015), (819, 8249), (832, 8261), (862, 8303), (882, 8324), (908, 8351), (985, 8459), (1070, 8549), (1139, 8654),

Gene: McShie_3 Start: 1071, Stop: 2531, Start Num: 149
Candidate Starts for McShie_3:
(Start: 149 @1071 has 162 MA's), (Start: 154 @1077 has 4 MA's), (Start: 272 @1239 has 48 MA's), (278, 1248), (315, 1308), (348, 1377), (366, 1398), (394, 1449), (520, 1653), (592, 1788), (642, 1866), (649, 1881), (674, 1917), (703, 1959), (739, 1992), (765, 2010), (834, 2130), (835, 2133), (848, 2145), (905, 2220), (944, 2283), (958, 2301), (960, 2304), (1098, 2466), (1104, 2475), (1110, 2484), (1135, 2523),

Gene: McSinger_12 Start: 7132, Stop: 8820, Start Num: 95
Candidate Starts for McSinger_12:
(Start: 95 @7132 has 435 MA's), (311, 7396), (323, 7420), (411, 7582), (430, 7615), (469, 7690), (510, 7780), (518, 7804), (534, 7831), (553, 7879), (620, 8035), (622, 8044), (642, 8092), (644, 8095), (819, 8329), (832, 8341), (862, 8383), (882, 8404), (908, 8431), (985, 8539), (1070, 8629), (1139, 8734),

Gene: Mcklovin_3 Start: 962, Stop: 2683, Start Num: 202
Candidate Starts for Mcklovin_3:
(153, 890), (156, 893), (Start: 202 @962 has 2 MA's), (203, 965), (259, 1049), (323, 1163), (364, 1232), (383, 1265), (393, 1289), (397, 1295), (411, 1319), (414, 1325), (438, 1376), (476, 1448), (515, 1526), (571, 1646), (590, 1688), (596, 1694), (626, 1778), (627, 1781), (641, 1805), (691, 1880), (711, 1916), (725, 1943), (826, 2120), (999, 2393), (1001, 2396), (1003, 2402), (1011, 2423), (1030, 2456), (1034, 2462), (1066, 2510), (1073, 2519), (1091, 2543), (1114, 2561), (1145, 2618), (1194, 2675),

Gene: Medindi_2 Start: 588, Stop: 2225, Start Num: 111
Candidate Starts for Medindi_2:
(Start: 111 @588 has 202 MA's), (Start: 125 @603 has 1 MA's), (Start: 129 @612 has 79 MA's), (133, 618), (Start: 158 @645 has 2 MA's), (Start: 185 @669 has 2 MA's), (188, 672), (224, 735), (230, 753), (244, 774), (312, 861), (315, 867), (352, 921), (369, 933), (377, 945), (381, 954), (383, 957), (392, 978), (404, 999), (415, 1014), (440, 1071), (461, 1110), (502, 1179), (505, 1185), (514, 1215), (515, 1218), (518, 1227), (523, 1242), (534, 1260), (557, 1311), (604, 1413), (711, 1584), (726, 1596), (748, 1614), (800, 1680), (816, 1710), (818, 1713), (820, 1716), (869, 1773), (884, 1788), (889, 1794), (893, 1797), (901, 1812), (908, 1821), (957, 1890), (982, 1920), (988, 1929), (1006, 1962), (1024, 1995), (1069, 2022), (1094, 2055), (1112, 2082), (1114, 2085), (1127, 2106), (1139, 2130), (1142, 2139), (1145, 2142), (1184, 2199),

Gene: MediumFry_8 Start: 3841, Stop: 5580, Start Num: 187
Candidate Starts for MediumFry_8:
(Start: 187 @3841 has 203 MA's), (254, 3940), (322, 4060), (376, 4159), (395, 4201), (413, 4231), (444, 4309), (454, 4330), (530, 4501), (539, 4525), (545, 4537), (604, 4687), (634, 4762), (644, 4786), (704, 4891), (726, 4915), (778, 4996), (803, 5044), (868, 5110), (876, 5128), (879, 5134), (916, 5176), (924, 5191), (929, 5197), (931, 5200), (1059, 5404), (1071, 5428), (1080, 5440), (1094, 5458), (1136, 5530), (1139, 5533),

Gene: Medusa_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Medusa_11:

(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: MeeZee_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for MeeZee_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: MegTheThird_11 Start: 6346, Stop: 8004, Start Num: 200
Candidate Starts for MegTheThird_11:
(Start: 96 @6214 has 243 MA's), (Start: 114 @6229 has 11 MA's), (200, 6346), (250, 6445), (253, 6451), (339, 6607), (381, 6679), (411, 6733), (432, 6772), (469, 6844), (510, 6934), (518, 6958), (583, 7087), (584, 7090), (659, 7273), (717, 7369), (775, 7429), (852, 7552), (862, 7567), (869, 7579), (916, 7627), (954, 7681), (979, 7711), (985, 7723), (1072, 7816), (1083, 7831), (1168, 7960), (1191, 7987), (1193, 7990),

Gene: MeganNoll_5 Start: 3133, Stop: 4698, Start Num: 129
Candidate Starts for MeganNoll_5:
(Start: 129 @3133 has 79 MA's), (Start: 268 @3343 has 4 MA's), (313, 3397), (342, 3463), (364, 3487), (485, 3703), (496, 3718), (500, 3724), (521, 3784), (548, 3844), (625, 3943), (637, 3973), (642, 3988), (692, 4069), (764, 4147), (768, 4156), (787, 4192), (804, 4231), (834, 4264), (838, 4273), (861, 4300), (912, 4354), (939, 4396), (1001, 4441), (1008, 4462), (1022, 4486), (1095, 4564), (1192, 4684),

Gene: Meibysrarus_8 Start: 3146, Stop: 4891, Start Num: 187
Candidate Starts for Meibysrarus_8:
(Start: 187 @3146 has 203 MA's), (229, 3200), (231, 3203), (252, 3239), (254, 3245), (380, 3479), (430, 3578), (444, 3620), (454, 3641), (476, 3683), (480, 3695), (522, 3794), (530, 3812), (545, 3848), (634, 4073), (644, 4097), (647, 4103), (726, 4226), (771, 4295), (863, 4412), (876, 4439), (929, 4508), (931, 4511), (962, 4562), (1012, 4649), (1059, 4715), (1069, 4736), (1071, 4739), (1080, 4751), (1094, 4769), (1136, 4841), (1139, 4844),

Gene: MelBee03_3 Start: 1071, Stop: 2531, Start Num: 149
Candidate Starts for MelBee03_3:
(Start: 149 @1071 has 162 MA's), (Start: 154 @1077 has 4 MA's), (Start: 272 @1239 has 48 MA's), (278, 1248), (315, 1308), (348, 1377), (366, 1398), (394, 1449), (520, 1653), (532, 1677), (592, 1788), (642, 1866), (649, 1881), (674, 1917), (703, 1959), (739, 1992), (765, 2010), (834, 2130), (835, 2133), (848, 2145), (905, 2220), (944, 2283), (958, 2301), (960, 2304), (1098, 2466), (1104, 2475), (1135, 2523),

Gene: Melissauren88_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Melissauren88_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796),

(901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Melons_4 Start: 848, Stop: 2494, Start Num: 134
Candidate Starts for Melons_4:
(Start: 134 @848 has 16 MA's), (Start: 246 @1013 has 12 MA's), (Start: 272 @1052 has 48 MA's), (313, 1103), (319, 1115), (333, 1151), (342, 1169), (464, 1352), (521, 1466), (526, 1478), (548, 1526), (559, 1547), (569, 1562), (589, 1619), (787, 1934), (829, 2000), (837, 2012), (862, 2045), (903, 2084), (909, 2093), (912, 2096), (956, 2162), (982, 2192), (1008, 2237), (1038, 2279), (1054, 2306), (1055, 2309), (1125, 2402), (1129, 2408), (1144, 2429), (1151, 2441), (1187, 2480), (1190, 2483),

Gene: Melvin_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Melvin_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Mema_10 Start: 4752, Stop: 6503, Start Num: 187
Candidate Starts for Mema_10:
(Start: 187 @4752 has 203 MA's), (Start: 246 @4836 has 12 MA's), (254, 4851), (380, 5085), (385, 5094), (413, 5148), (444, 5226), (503, 5340), (530, 5418), (588, 5562), (604, 5610), (640, 5700), (644, 5709), (661, 5739), (726, 5838), (778, 5919), (807, 5976), (866, 6030), (929, 6120), (931, 6123), (962, 6174), (992, 6216), (1071, 6351), (1080, 6363),

Gene: Mendokysei_2 Start: 535, Stop: 2514, Start Num: 31
Candidate Starts for Mendokysei_2:
(Start: 31 @535 has 1 MA's), (Start: 66 @631 has 7 MA's), (197, 817), (204, 829), (383, 1108), (386, 1114), (400, 1141), (411, 1159), (442, 1222), (514, 1357), (603, 1573), (606, 1582), (630, 1615), (803, 1834), (835, 1885), (837, 1888), (843, 1909), (874, 1960), (884, 1975), (931, 2047), (961, 2089), (967, 2098), (980, 2128), (985, 2137), (1010, 2188), (1022, 2209), (1067, 2308), (1072, 2314), (1081, 2326), (1141, 2419), (1150, 2434), (1152, 2437), (1206, 2497),

Gene: MerCougar_25 Start: 13111, Stop: 14841, Start Num: 111
Candidate Starts for MerCougar_25:
(Start: 111 @13111 has 202 MA's), (Start: 115 @13117 has 2 MA's), (247, 13312), (251, 13318), (281, 13357), (299, 13387), (315, 13411), (324, 13429), (514, 13822), (523, 13849), (604, 14017), (608, 14029), (621, 14062), (675, 14140), (818, 14323), (839, 14356), (855, 14386), (893, 14437), (922, 14485), (988, 14560), (996, 14572), (1013, 14608), (1139, 14746), (1157, 14776),

Gene: MetalQZJ_11 Start: 7169, Stop: 8857, Start Num: 95
Candidate Starts for MetalQZJ_11:
(Start: 95 @7169 has 435 MA's), (Start: 258 @7349 has 2 MA's), (311, 7433), (327, 7469), (411, 7619), (469, 7727), (510, 7817), (518, 7841), (534, 7868), (553, 7916), (591, 7985), (615, 8060), (620, 8072), (644, 8132), (813, 8357), (819, 8366), (832, 8378), (862, 8420), (882, 8441), (908, 8468), (985, 8576), (1070, 8666), (1139, 8771),

Gene: Methuselah_13 Start: 7040, Stop: 8740, Start Num: 102
Candidate Starts for Methuselah_13:
(Start: 102 @7040 has 88 MA's), (137, 7088), (253, 7223), (362, 7415), (411, 7502), (510, 7700), (550, 7790), (583, 7853), (644, 8015), (800, 8213), (812, 8237), (813, 8240), (862, 8303), (882, 8324), (916,

8363), (985, 8459), (1014, 8513), (1070, 8549), (1168, 8696), (1193, 8726), (1196, 8729),

Gene: Miaurora_3 Start: 1179, Stop: 2639, Start Num: 149
Candidate Starts for Miaurora_3:
(Start: 149 @1179 has 162 MA's), (Start: 154 @1185 has 4 MA's), (Start: 272 @1347 has 48 MA's), (278, 1356), (315, 1416), (348, 1485), (366, 1506), (394, 1557), (520, 1761), (592, 1896), (642, 1974), (649, 1989), (661, 2007), (674, 2025), (703, 2067), (739, 2100), (765, 2118), (834, 2238), (835, 2241), (848, 2253), (857, 2265), (862, 2277), (905, 2328), (941, 2385), (944, 2391), (949, 2400), (958, 2409), (960, 2412), (1098, 2574), (1104, 2583), (1110, 2592), (1135, 2631),

Gene: Micasa_9 Start: 6157, Stop: 7908, Start Num: 63
Candidate Starts for Micasa_9:
(Start: 52 @6130 has 23 MA's), (Start: 63 @6157 has 32 MA's), (112, 6226), (196, 6340), (200, 6346), (300, 6478), (339, 6553), (341, 6556), (362, 6589), (381, 6622), (439, 6730), (449, 6754), (469, 6787), (510, 6862), (526, 6907), (565, 6985), (570, 6991), (591, 7036), (632, 7156), (647, 7189), (661, 7210), (800, 7384), (812, 7408), (813, 7411), (862, 7471), (869, 7483), (901, 7510), (916, 7531), (979, 7615), (985, 7627), (1168, 7864), (1196, 7897), (1202, 7903),

Gene: Michelle_8 Start: 3600, Stop: 5366, Start Num: 174
Candidate Starts for Michelle_8:
(Start: 174 @3600 has 5 MA's), (Start: 187 @3618 has 203 MA's), (252, 3711), (254, 3717), (292, 3774), (322, 3837), (413, 4014), (444, 4092), (454, 4113), (506, 4215), (530, 4284), (537, 4299), (555, 4341), (604, 4470), (634, 4545), (644, 4569), (704, 4674), (726, 4698), (778, 4782), (868, 4896), (876, 4914), (929, 4983), (931, 4986), (962, 5037), (992, 5079), (1051, 5166), (1060, 5193), (1071, 5214), (1080, 5226), (1094, 5244), (1139, 5319),

Gene: Michkear_5 Start: 2399, Stop: 4102, Start Num: 95
Candidate Starts for Michkear_5:
(Start: 95 @2399 has 435 MA's), (Start: 119 @2420 has 16 MA's), (Start: 176 @2465 has 8 MA's), (Start: 191 @2486 has 2 MA's), (Start: 271 @2579 has 3 MA's), (373, 2759), (379, 2771), (411, 2828), (436, 2876), (482, 2969), (532, 3068), (710, 3395), (775, 3467), (985, 3770), (997, 3785), (1150, 4025), (1204, 4091),

Gene: Michley_11 Start: 6917, Stop: 8605, Start Num: 95
Candidate Starts for Michley_11:
(Start: 95 @6917 has 435 MA's), (311, 7181), (323, 7205), (411, 7367), (420, 7382), (430, 7400), (510, 7565), (518, 7589), (534, 7616), (553, 7664), (644, 7880), (819, 8114), (832, 8126), (862, 8168), (882, 8189), (908, 8216), (985, 8324), (1070, 8414), (1139, 8519),

Gene: Microwolf_13 Start: 6958, Stop: 8658, Start Num: 102
Candidate Starts for Microwolf_13:
(Start: 102 @6958 has 88 MA's), (137, 7006), (253, 7141), (362, 7333), (411, 7420), (510, 7618), (550, 7708), (583, 7771), (644, 7933), (800, 8131), (812, 8155), (813, 8158), (862, 8221), (882, 8242), (916, 8281), (985, 8377), (1014, 8431), (1070, 8467), (1168, 8614), (1193, 8644), (1196, 8647),

Gene: MiculUcigas_12 Start: 7484, Stop: 9271, Start Num: 96
Candidate Starts for MiculUcigas_12:
(50, 7400), (Start: 96 @7484 has 243 MA's), (179, 7592), (193, 7613), (250, 7721), (408, 8003), (411, 8006), (469, 8114), (510, 8204), (518, 8228), (584, 8360), (800, 8747), (901, 8873), (916, 8894), (979, 8978), (985, 8990), (1168, 9227), (1191, 9254), (1193, 9257), (1196, 9260), (1199, 9263),

Gene: Midas2_9 Start: 6156, Stop: 7907, Start Num: 63
Candidate Starts for Midas2_9:

(Start: 52 @6129 has 23 MA's), (Start: 63 @6156 has 32 MA's), (112, 6225), (196, 6339), (200, 6345), (300, 6477), (339, 6552), (341, 6555), (362, 6588), (381, 6621), (439, 6729), (449, 6753), (469, 6786), (510, 6861), (526, 6906), (565, 6984), (570, 6990), (632, 7155), (647, 7188), (661, 7209), (800, 7383), (812, 7407), (813, 7410), (862, 7470), (869, 7482), (901, 7509), (916, 7530), (979, 7614), (985, 7626), (1168, 7863), (1196, 7896), (1202, 7902),

Gene: Miek_7 Start: 3414, Stop: 5153, Start Num: 187
Candidate Starts for Miek_7:
(Start: 184 @3411 has 4 MA's), (Start: 187 @3414 has 203 MA's), (195, 3420), (229, 3468), (231, 3471), (252, 3507), (254, 3513), (327, 3651), (345, 3687), (353, 3699), (444, 3882), (454, 3903), (503, 3996), (506, 4005), (522, 4056), (530, 4074), (644, 4359), (726, 4488), (771, 4557), (847, 4647), (863, 4674), (876, 4701), (929, 4770), (931, 4773), (957, 4815), (962, 4824), (1051, 4953), (1060, 4980), (1071, 5001), (1080, 5013), (1094, 5031), (1136, 5103), (1139, 5106), (1145, 5118),

Gene: Miko_15 Start: 9110, Stop: 10891, Start Num: 96
Candidate Starts for Miko_15:
(37, 8990), (76, 9083), (Start: 96 @9110 has 243 MA's), (200, 9242), (235, 9317), (250, 9341), (283, 9392), (408, 9623), (411, 9626), (432, 9665), (469, 9734), (510, 9824), (518, 9848), (570, 9947), (583, 9977), (584, 9980), (623, 10091), (852, 10439), (862, 10454), (869, 10466), (901, 10493), (916, 10514), (985, 10610), (1168, 10847), (1191, 10874), (1193, 10877),

Gene: MilanaBonita_3 Start: 1235, Stop: 2872, Start Num: 111
Candidate Starts for MilanaBonita_3:
(Start: 111 @1235 has 202 MA's), (Start: 125 @1250 has 1 MA's), (Start: 129 @1259 has 79 MA's), (133, 1265), (Start: 158 @1292 has 2 MA's), (Start: 185 @1316 has 2 MA's), (188, 1319), (224, 1382), (230, 1400), (244, 1421), (312, 1508), (315, 1514), (352, 1568), (369, 1580), (381, 1601), (383, 1604), (392, 1625), (404, 1646), (415, 1661), (440, 1718), (461, 1757), (502, 1826), (505, 1832), (514, 1862), (515, 1865), (518, 1874), (523, 1889), (534, 1907), (557, 1958), (604, 2060), (711, 2231), (726, 2243), (748, 2261), (800, 2327), (816, 2357), (818, 2360), (820, 2363), (869, 2420), (884, 2435), (889, 2441), (893, 2444), (901, 2459), (908, 2468), (957, 2537), (982, 2567), (988, 2576), (1006, 2609), (1024, 2642), (1069, 2669), (1094, 2702), (1112, 2729), (1114, 2732), (1127, 2753), (1139, 2777), (1142, 2786), (1145, 2789), (1184, 2846),

Gene: Milcery_9 Start: 6166, Stop: 7944, Start Num: 52
Candidate Starts for Milcery_9:
(Start: 52 @6166 has 23 MA's), (Start: 63 @6193 has 32 MA's), (112, 6262), (196, 6376), (200, 6382), (300, 6514), (339, 6589), (341, 6592), (362, 6625), (381, 6658), (439, 6766), (449, 6790), (469, 6823), (510, 6898), (526, 6943), (565, 7021), (570, 7027), (591, 7072), (632, 7192), (647, 7225), (661, 7246), (800, 7420), (812, 7444), (813, 7447), (862, 7507), (869, 7519), (901, 7546), (916, 7567), (979, 7651), (985, 7663), (1168, 7900), (1196, 7933), (1202, 7939),

Gene: Miley16_4 Start: 1069, Stop: 2637, Start Num: 93
Candidate Starts for Miley16_4:
(Start: 93 @1069 has 92 MA's), (Start: 99 @1075 has 9 MA's), (228, 1231), (419, 1528), (422, 1534), (450, 1594), (494, 1666), (498, 1672), (509, 1693), (558, 1792), (591, 1840), (632, 1894), (643, 1918), (671, 1963), (676, 1969), (694, 1999), (699, 2005), (722, 2032), (729, 2041), (776, 2098), (779, 2104), (789, 2125), (790, 2131), (838, 2206), (845, 2209), (867, 2245), (912, 2290), (962, 2356), (1008, 2431), (1018, 2449), (1024, 2458), (1158, 2605), (1181, 2629), (1183, 2632),

Gene: MilleFeuille_10 Start: 6485, Stop: 8173, Start Num: 95
Candidate Starts for MilleFeuille_10:
(Start: 95 @6485 has 435 MA's), (311, 6749), (323, 6773), (411, 6935), (430, 6968), (469, 7043), (510, 7133), (518, 7157), (534, 7184), (553, 7232), (591, 7301), (620, 7388), (622, 7397), (642, 7445), (644,

7448), (819, 7682), (832, 7694), (862, 7736), (882, 7757), (908, 7784), (985, 7892), (1070, 7982), (1139, 8087),

Gene: MilleniumForce_3 Start: 1235, Stop: 2872, Start Num: 111
Candidate Starts for MilleniumForce_3:
(Start: 111 @1235 has 202 MA's), (Start: 125 @1250 has 1 MA's), (Start: 129 @1259 has 79 MA's), (133, 1265), (Start: 158 @1292 has 2 MA's), (Start: 185 @1316 has 2 MA's), (188, 1319), (224, 1382), (230, 1400), (244, 1421), (312, 1508), (315, 1514), (352, 1568), (369, 1580), (377, 1592), (381, 1601), (383, 1604), (392, 1625), (404, 1646), (415, 1661), (440, 1718), (461, 1757), (502, 1826), (505, 1832), (514, 1862), (515, 1865), (518, 1874), (523, 1889), (534, 1907), (557, 1958), (604, 2060), (711, 2231), (726, 2243), (748, 2261), (800, 2327), (816, 2357), (818, 2360), (820, 2363), (869, 2420), (884, 2435), (889, 2441), (893, 2444), (901, 2459), (908, 2468), (957, 2537), (982, 2567), (988, 2576), (1006, 2609), (1024, 2642), (1069, 2669), (1094, 2702), (1112, 2729), (1114, 2732), (1127, 2753), (1139, 2777), (1142, 2786), (1145, 2789), (1184, 2846),

Gene: Millski_11 Start: 6887, Stop: 8584, Start Num: 102
Candidate Starts for Millski_11:
(Start: 102 @6887 has 88 MA's), (Start: 122 @6911 has 1 MA's), (Start: 207 @7034 has 2 MA's), (293, 7124), (311, 7157), (362, 7256), (408, 7340), (411, 7343), (432, 7382), (469, 7451), (479, 7475), (510, 7541), (550, 7631), (620, 7796), (661, 7883), (685, 7916), (740, 7982), (798, 8054), (800, 8057), (812, 8081), (852, 8132), (862, 8147), (901, 8186), (916, 8207), (985, 8303), (1168, 8540), (1193, 8570), (1196, 8573),

Gene: MillySue_6 Start: 1935, Stop: 3632, Start Num: 163
Candidate Starts for MillySue_6:
(Start: 138 @1902 has 4 MA's), (Start: 163 @1935 has 23 MA's), (233, 2055), (Start: 246 @2076 has 12 MA's), (254, 2091), (278, 2124), (313, 2166), (315, 2169), (333, 2214), (342, 2232), (345, 2235), (394, 2310), (425, 2358), (426, 2361), (464, 2415), (521, 2529), (547, 2586), (548, 2589), (559, 2610), (586, 2685), (692, 2907), (699, 2922), (753, 2988), (755, 2994), (758, 2997), (759, 3000), (786, 3060), (789, 3069), (796, 3093), (822, 3132), (838, 3150), (869, 3192), (907, 3225), (932, 3264), (983, 3306), (1008, 3348), (1072, 3423), (1075, 3426), (1078, 3432), (1119, 3483), (1125, 3495), (1154, 3537), (1215, 3621),

Gene: Milomuff_4 Start: 1046, Stop: 2674, Start Num: 171
Candidate Starts for Milomuff_4:
(90, 932), (131, 986), (Start: 171 @1046 has 84 MA's), (278, 1202), (342, 1310), (398, 1394), (415, 1418), (425, 1436), (464, 1493), (498, 1544), (500, 1547), (521, 1607), (531, 1625), (542, 1655), (558, 1685), (829, 2141), (838, 2156), (1095, 2507), (1129, 2555), (1215, 2663),

Gene: Min1_37 Start: 17540, Stop: 19132, Start Num: 176
Candidate Starts for Min1_37:
(Start: 176 @17540 has 8 MA's), (Start: 186 @17555 has 2 MA's), (233, 17624), (278, 17693), (315, 17738), (316, 17741), (347, 17807), (384, 17888), (392, 17906), (425, 17960), (523, 18161), (548, 18215), (617, 18311), (649, 18368), (661, 18386), (699, 18434), (789, 18566), (807, 18605), (837, 18638), (861, 18668), (925, 18746), (953, 18785), (1057, 18914), (1122, 19001),

Gene: MinecraftSteve_15 Start: 6808, Stop: 8505, Start Num: 96
Candidate Starts for MinecraftSteve_15:
(Start: 96 @6808 has 243 MA's), (Start: 118 @6826 has 1 MA's), (253, 6988), (339, 7144), (381, 7213), (411, 7267), (469, 7375), (480, 7402), (510, 7465), (518, 7489), (812, 8005), (862, 8068), (904, 8110), (985, 8224), (1081, 8329), (1168, 8461), (1191, 8488), (1193, 8491), (1196, 8494),

Gene: MiniBagel_7 Start: 4800, Stop: 6539, Start Num: 187

Candidate Starts for MiniBagel_7:
(Start: 187 @4800 has 203 MA's), (254, 4899), (322, 5019), (376, 5118), (395, 5160), (413, 5190), (427, 5220), (444, 5268), (454, 5289), (506, 5391), (530, 5460), (539, 5484), (545, 5496), (578, 5574), (604, 5646), (634, 5721), (644, 5745), (704, 5850), (726, 5874), (778, 5955), (803, 6003), (868, 6069), (876, 6087), (879, 6093), (929, 6156), (931, 6159), (1059, 6363), (1071, 6387), (1080, 6399), (1136, 6489), (1139, 6492),

Gene: MiniLon_5 Start: 1196, Stop: 2761, Start Num: 93
Candidate Starts for MiniLon_5:
(Start: 93 @1196 has 92 MA's), (Start: 99 @1202 has 9 MA's), (238, 1373), (313, 1478), (319, 1490), (413, 1646), (419, 1655), (420, 1658), (422, 1661), (464, 1736), (494, 1790), (496, 1793), (498, 1796), (612, 1985), (637, 2027), (685, 2102), (694, 2123), (699, 2129), (759, 2198), (786, 2240), (789, 2249), (790, 2255), (867, 2369), (907, 2408), (912, 2414), (962, 2480), (1001, 2534), (1016, 2570), (1024, 2582), (1078, 2621), (1143, 2708), (1181, 2753), (1183, 2756),

Gene: MiniMac_5 Start: 1196, Stop: 2761, Start Num: 93
Candidate Starts for MiniMac_5:
(Start: 93 @1196 has 92 MA's), (Start: 99 @1202 has 9 MA's), (238, 1373), (313, 1478), (319, 1490), (413, 1646), (419, 1655), (420, 1658), (422, 1661), (464, 1736), (494, 1790), (496, 1793), (498, 1796), (637, 2027), (685, 2102), (694, 2123), (699, 2129), (759, 2198), (776, 2222), (786, 2240), (789, 2249), (790, 2255), (867, 2369), (907, 2408), (912, 2414), (962, 2480), (1001, 2534), (1016, 2570), (1024, 2582), (1078, 2621), (1143, 2708), (1181, 2753), (1183, 2756),

Gene: MiniMommy_2 Start: 550, Stop: 2277, Start Num: 93
Candidate Starts for MiniMommy_2:
(59, 490), (Start: 93 @550 has 92 MA's), (Start: 191 @661 has 2 MA's), (373, 934), (400, 985), (411, 1003), (420, 1021), (436, 1051), (482, 1144), (813, 1720), (929, 1873), (985, 1948), (997, 1963), (1081, 2092), (1150, 2200), (1201, 2263),

Gene: Minima_3 Start: 1074, Stop: 2534, Start Num: 149
Candidate Starts for Minima_3:
(Start: 149 @1074 has 162 MA's), (Start: 154 @1080 has 4 MA's), (Start: 272 @1242 has 48 MA's), (278, 1251), (315, 1311), (348, 1380), (366, 1401), (394, 1452), (520, 1656), (642, 1869), (649, 1884), (674, 1920), (703, 1962), (739, 1995), (765, 2013), (834, 2133), (835, 2136), (848, 2148), (905, 2223), (944, 2286), (958, 2304), (960, 2307), (1098, 2469), (1104, 2478), (1110, 2487), (1135, 2526),

Gene: MinionDave_3 Start: 1235, Stop: 2872, Start Num: 111
Candidate Starts for MinionDave_3:
(Start: 111 @1235 has 202 MA's), (Start: 125 @1250 has 1 MA's), (Start: 129 @1259 has 79 MA's), (133, 1265), (Start: 158 @1292 has 2 MA's), (Start: 185 @1316 has 2 MA's), (188, 1319), (224, 1382), (230, 1400), (244, 1421), (312, 1508), (315, 1514), (352, 1568), (369, 1580), (377, 1592), (381, 1601), (383, 1604), (392, 1625), (404, 1646), (415, 1661), (440, 1718), (461, 1757), (502, 1826), (505, 1832), (514, 1862), (515, 1865), (518, 1874), (523, 1889), (534, 1907), (557, 1958), (604, 2060), (711, 2231), (726, 2243), (748, 2261), (800, 2327), (816, 2357), (818, 2360), (820, 2363), (869, 2420), (884, 2435), (889, 2441), (893, 2444), (901, 2459), (908, 2468), (957, 2537), (982, 2567), (988, 2576), (1006, 2609), (1024, 2642), (1069, 2669), (1094, 2702), (1112, 2729), (1114, 2732), (1127, 2753), (1139, 2777), (1142, 2786), (1145, 2789), (1184, 2846),

Gene: Minispark_10 Start: 6185, Stop: 7972, Start Num: 96
Candidate Starts for Minispark_10:
(Start: 96 @6185 has 243 MA's), (200, 6314), (250, 6413), (339, 6575), (357, 6608), (381, 6647), (411, 6701), (432, 6740), (469, 6812), (510, 6902), (518, 6926), (580, 7043), (584, 7058), (622, 7166), (659, 7241), (718, 7340), (746, 7373), (806, 7457), (817, 7478), (852, 7520), (862, 7535), (869, 7547), (901,

7574), (916, 7595), (954, 7649), (985, 7691), (1070, 7781), (1083, 7799), (1119, 7850), (1168, 7928), (1191, 7955), (1193, 7958),

Gene: Minnie_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Minnie_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Miramae_11 Start: 6847, Stop: 8535, Start Num: 95
Candidate Starts for Miramae_11:
(Start: 95 @6847 has 435 MA's), (311, 7108), (408, 7291), (411, 7294), (432, 7333), (469, 7402), (479, 7426), (499, 7456), (510, 7492), (550, 7582), (620, 7747), (638, 7792), (661, 7834), (685, 7867), (740, 7933), (800, 8008), (812, 8032), (862, 8098), (901, 8137), (916, 8158), (985, 8254), (1168, 8491), (1193, 8521), (1196, 8524),

Gene: MirimarMandM_3 Start: 1104, Stop: 2564, Start Num: 149
Candidate Starts for MirimarMandM_3:
(Start: 149 @1104 has 162 MA's), (Start: 154 @1110 has 4 MA's), (Start: 272 @1272 has 48 MA's), (278, 1281), (315, 1341), (348, 1410), (366, 1431), (387, 1467), (394, 1482), (520, 1686), (592, 1821), (642, 1899), (649, 1914), (661, 1932), (674, 1950), (703, 1992), (739, 2025), (765, 2043), (834, 2163), (835, 2166), (848, 2178), (857, 2190), (905, 2253), (941, 2310), (944, 2316), (949, 2325), (958, 2334), (960, 2337), (1098, 2499), (1104, 2508), (1110, 2517), (1135, 2556),

Gene: Misaeng_5 Start: 3319, Stop: 4710, Start Num: 246
Candidate Starts for Misaeng_5:
(Start: 129 @3145 has 79 MA's), (Start: 246 @3319 has 12 MA's), (Start: 268 @3355 has 4 MA's), (313, 3409), (317, 3418), (330, 3451), (338, 3466), (342, 3475), (425, 3601), (485, 3715), (496, 3730), (500, 3736), (521, 3796), (548, 3856), (613, 3922), (625, 3955), (637, 3985), (642, 4000), (661, 4033), (672, 4048), (768, 4168), (777, 4183), (834, 4276), (861, 4312), (923, 4387), (939, 4408), (982, 4429), (1022, 4498), (1095, 4576), (1122, 4615), (1144, 4645), (1151, 4657), (1192, 4696), (1204, 4705),

Gene: Misomonster_15 Start: 7040, Stop: 8740, Start Num: 102
Candidate Starts for Misomonster_15:
(Start: 102 @7040 has 88 MA's), (137, 7088), (253, 7223), (362, 7415), (411, 7502), (510, 7700), (550, 7790), (583, 7853), (644, 8015), (800, 8213), (812, 8237), (813, 8240), (862, 8303), (882, 8324), (916, 8363), (985, 8459), (1014, 8513), (1070, 8549), (1168, 8696), (1193, 8726), (1196, 8729),

Gene: MissSwiss_2 Start: 551, Stop: 2257, Start Num: 101
Candidate Starts for MissSwiss_2:
(Start: 101 @551 has 7 MA's), (Start: 176 @617 has 8 MA's), (379, 923), (411, 980), (436, 1028), (482, 1118), (499, 1142), (513, 1172), (570, 1292), (687, 1505), (710, 1544), (959, 1886), (985, 1922), (997, 1937), (1005, 1955), (1081, 2072), (1142, 2168), (1150, 2180),

Gene: MissWhite_12 Start: 6502, Stop: 8256, Start Num: 96
Candidate Starts for MissWhite_12:

(Start: 96 @6502 has 243 MA's), (Start: 207 @6646 has 2 MA's), (250, 6733), (300, 6820), (408, 7015), (411, 7018), (432, 7057), (469, 7126), (510, 7216), (518, 7240), (570, 7339), (571, 7342), (583, 7369), (584, 7372), (737, 7657), (800, 7732), (806, 7744), (812, 7756), (852, 7804), (862, 7819), (916, 7879), (979, 7963), (985, 7975), (1168, 8212), (1191, 8239), (1193, 8242), (1196, 8245),

Gene: MisterCuddles_2 Start: 573, Stop: 2210, Start Num: 111
Candidate Starts for MisterCuddles_2:
(Start: 111 @573 has 202 MA's), (Start: 118 @582 has 1 MA's), (Start: 129 @597 has 79 MA's), (147, 618), (Start: 185 @654 has 2 MA's), (188, 657), (200, 675), (224, 720), (244, 759), (312, 846), (352, 906), (377, 930), (381, 939), (383, 942), (392, 963), (404, 984), (415, 999), (440, 1056), (461, 1095), (502, 1164), (505, 1170), (514, 1200), (515, 1203), (518, 1212), (523, 1227), (534, 1245), (557, 1296), (601, 1389), (604, 1398), (711, 1569), (726, 1581), (800, 1665), (816, 1695), (818, 1698), (820, 1701), (869, 1758), (884, 1773), (889, 1779), (893, 1782), (901, 1797), (908, 1806), (957, 1875), (982, 1905), (988, 1914), (1006, 1947), (1024, 1980), (1069, 2007), (1094, 2040), (1114, 2070), (1127, 2091), (1139, 2115), (1142, 2124), (1145, 2127), (1184, 2184),

Gene: MkaliMitinis3_4 Start: 1069, Stop: 2637, Start Num: 93
Candidate Starts for MkaliMitinis3_4:
(Start: 93 @1069 has 92 MA's), (Start: 99 @1075 has 9 MA's), (228, 1231), (419, 1528), (422, 1534), (450, 1594), (494, 1666), (498, 1672), (558, 1792), (591, 1840), (632, 1894), (643, 1918), (671, 1963), (676, 1969), (694, 1999), (699, 2005), (722, 2032), (729, 2041), (776, 2098), (779, 2104), (789, 2125), (790, 2131), (838, 2206), (845, 2209), (867, 2245), (912, 2290), (962, 2356), (1008, 2431), (1018, 2449), (1024, 2458), (1158, 2605), (1181, 2629), (1183, 2632),

Gene: Mkhuseli_12 Start: 7342, Stop: 8766, Start Num: 311
Candidate Starts for Mkhuseli_12:
(Start: 107 @7078 has 24 MA's), (Start: 258 @7258 has 2 MA's), (311, 7342), (324, 7369), (327, 7378), (411, 7528), (430, 7561), (469, 7636), (510, 7726), (518, 7750), (534, 7777), (553, 7825), (620, 7981), (644, 8041), (813, 8266), (819, 8275), (832, 8287), (862, 8329), (882, 8350), (908, 8377), (985, 8485), (1070, 8575), (1139, 8680),

Gene: Modragons_2 Start: 578, Stop: 2218, Start Num: 103
Candidate Starts for Modragons_2:
(Start: 103 @578 has 1 MA's), (Start: 111 @581 has 202 MA's), (Start: 129 @605 has 79 MA's), (Start: 158 @638 has 2 MA's), (Start: 185 @662 has 2 MA's), (188, 665), (224, 728), (244, 767), (312, 854), (315, 860), (352, 914), (377, 938), (381, 947), (383, 950), (392, 971), (404, 992), (440, 1064), (461, 1103), (502, 1172), (505, 1178), (514, 1208), (515, 1211), (518, 1220), (523, 1235), (534, 1253), (557, 1304), (601, 1397), (604, 1406), (711, 1577), (726, 1589), (800, 1673), (816, 1703), (818, 1706), (820, 1709), (869, 1766), (884, 1781), (889, 1787), (893, 1790), (901, 1805), (908, 1814), (957, 1883), (982, 1913), (988, 1922), (1006, 1955), (1024, 1988), (1069, 2015), (1094, 2048), (1107, 2069), (1112, 2075), (1114, 2078), (1127, 2099), (1139, 2123), (1142, 2132), (1145, 2135), (1184, 2192),

Gene: Moki_2 Start: 426, Stop: 1991, Start Num: 129
Candidate Starts for Moki_2:
(Start: 129 @426 has 79 MA's), (Start: 268 @636 has 4 MA's), (316, 696), (330, 732), (334, 741), (342, 756), (347, 762), (364, 780), (452, 942), (464, 963), (521, 1077), (548, 1137), (613, 1203), (625, 1236), (637, 1266), (642, 1281), (692, 1362), (764, 1440), (768, 1449), (912, 1647), (939, 1689), (983, 1713), (1008, 1755), (1095, 1857),

Gene: Moldemort_9 Start: 2465, Stop: 4135, Start Num: 272
Candidate Starts for Moldemort_9:
(Start: 272 @2465 has 48 MA's), (309, 2528), (435, 2762), (487, 2864), (570, 3044), (576, 3068), (585, 3086), (595, 3098), (616, 3161), (621, 3173), (642, 3218), (649, 3233), (700, 3311), (728, 3356), (759,

3410), (760, 3416), (814, 3530), (910, 3674), (933, 3710), (1014, 3863), (1022, 3875), (1065, 3932), (1091, 3968), (1124, 4019), (1142, 4055), (1145, 4058), (1193, 4124),

Gene: Molivier_4 Start: 1069, Stop: 2643, Start Num: 93
Candidate Starts for Molivier_4:
(Start: 93 @1069 has 92 MA's), (Start: 99 @1075 has 9 MA's), (228, 1231), (419, 1528), (422, 1534), (494, 1672), (498, 1678), (509, 1699), (516, 1723), (558, 1798), (591, 1846), (632, 1900), (643, 1924), (671, 1969), (676, 1975), (694, 2005), (699, 2011), (722, 2038), (729, 2047), (776, 2104), (779, 2110), (789, 2131), (790, 2137), (845, 2215), (867, 2251), (872, 2260), (912, 2296), (962, 2362), (1008, 2437), (1018, 2455), (1024, 2464), (1158, 2611), (1181, 2635), (1183, 2638),

Gene: Molly_12 Start: 6777, Stop: 8465, Start Num: 95
Candidate Starts for Molly_12:
(Start: 95 @6777 has 435 MA's), (Start: 258 @6957 has 2 MA's), (311, 7041), (327, 7077), (339, 7104), (394, 7200), (411, 7227), (430, 7260), (469, 7335), (510, 7425), (518, 7449), (534, 7476), (553, 7524), (591, 7593), (620, 7680), (644, 7740), (813, 7965), (819, 7974), (832, 7986), (862, 8028), (882, 8049), (908, 8076), (985, 8184), (1070, 8274), (1139, 8379),

Gene: Moloch_4 Start: 874, Stop: 2364, Start Num: 146
Candidate Starts for Moloch_4:
(Start: 146 @874 has 40 MA's), (181, 919), (255, 1021), (267, 1039), (274, 1048), (313, 1099), (315, 1102), (319, 1111), (330, 1141), (345, 1168), (415, 1267), (474, 1366), (486, 1390), (488, 1393), (491, 1396), (513, 1441), (650, 1675), (692, 1723), (694, 1735), (728, 1774), (748, 1792), (768, 1804), (770, 1807), (781, 1828), (785, 1834), (789, 1846), (838, 1924), (874, 1978), (930, 2032), (940, 2044), (970, 2089), (1005, 2137), (1081, 2221), (1125, 2278), (1175, 2347),

Gene: Monet_13 Start: 7974, Stop: 9662, Start Num: 107
Candidate Starts for Monet_13:
(Start: 107 @7974 has 24 MA's), (Start: 258 @8154 has 2 MA's), (311, 8238), (324, 8265), (327, 8274), (411, 8424), (430, 8457), (469, 8532), (510, 8622), (518, 8646), (534, 8673), (553, 8721), (591, 8790), (620, 8877), (644, 8937), (813, 9162), (819, 9171), (832, 9183), (862, 9225), (882, 9246), (908, 9273), (985, 9381), (1070, 9471), (1139, 9576),

Gene: MoneyMay_13 Start: 6955, Stop: 8655, Start Num: 102
Candidate Starts for MoneyMay_13:
(Start: 102 @6955 has 88 MA's), (137, 7003), (253, 7138), (362, 7330), (411, 7417), (431, 7453), (510, 7615), (550, 7705), (583, 7768), (644, 7930), (800, 8128), (812, 8152), (813, 8155), (862, 8218), (882, 8239), (916, 8278), (985, 8374), (1014, 8428), (1070, 8464), (1168, 8611), (1193, 8641), (1196, 8644),

Gene: Monse_7 Start: 2710, Stop: 4455, Start Num: 187
Candidate Starts for Monse_7:
(Start: 187 @2710 has 203 MA's), (195, 2716), (254, 2809), (322, 2929), (353, 2995), (395, 3076), (413, 3106), (444, 3184), (454, 3205), (492, 3274), (530, 3376), (545, 3412), (582, 3502), (604, 3562), (644, 3661), (647, 3667), (726, 3790), (771, 3862), (876, 4003), (922, 4063), (929, 4072), (931, 4075), (962, 4126), (992, 4168), (1012, 4213), (1060, 4282), (1071, 4303), (1080, 4315), (1094, 4333), (1133, 4396), (1136, 4405), (1139, 4408),

Gene: Montavir_12 Start: 6957, Stop: 8657, Start Num: 102
Candidate Starts for Montavir_12:
(Start: 102 @6957 has 88 MA's), (137, 7005), (253, 7140), (362, 7332), (411, 7419), (510, 7617), (550, 7707), (583, 7770), (644, 7932), (800, 8130), (812, 8154), (813, 8157), (862, 8220), (882, 8241), (916, 8280), (985, 8376), (1014, 8430), (1070, 8466), (1168, 8613), (1193, 8643), (1196, 8646),

Gene: MooKitty_3 Start: 668, Stop: 2077, Start Num: 172
Candidate Starts for MooKitty_3:
(Start: 172 @668 has 1 MA's), (209, 710), (Start: 246 @764 has 12 MA's), (255, 782), (316, 866), (319, 872), (330, 902), (337, 914), (347, 932), (427, 1052), (474, 1127), (486, 1151), (511, 1196), (513, 1202), (536, 1256), (538, 1265), (694, 1496), (709, 1517), (777, 1583), (846, 1688), (849, 1691), (874, 1736), (921, 1778), (938, 1802), (979, 1856), (980, 1859), (1018, 1913), (1050, 1934), (1150, 2048), (1162, 2063),

Gene: Moonbeam_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for Moonbeam_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (147, 617), (Start: 185 @653 has 2 MA's), (188, 656), (200, 674), (224, 719), (244, 758), (312, 845), (315, 851), (352, 905), (369, 917), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (601, 1388), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1024, 1979), (1069, 2006), (1094, 2039), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: Moose_10 Start: 7010, Stop: 8698, Start Num: 95
Candidate Starts for Moose_10:
(Start: 95 @7010 has 435 MA's), (Start: 258 @7190 has 2 MA's), (311, 7274), (327, 7310), (411, 7460), (469, 7568), (510, 7658), (518, 7682), (553, 7757), (591, 7826), (620, 7913), (644, 7973), (819, 8207), (832, 8219), (862, 8261), (882, 8282), (908, 8309), (985, 8417), (1070, 8507), (1139, 8612),

Gene: Mooshroom_8 Start: 3841, Stop: 5601, Start Num: 183
Candidate Starts for Mooshroom_8:
(151, 3793), (Start: 183 @3841 has 2 MA's), (Start: 187 @3847 has 203 MA's), (252, 3940), (254, 3946), (361, 4138), (395, 4213), (413, 4243), (427, 4273), (444, 4321), (451, 4339), (454, 4342), (476, 4384), (530, 4513), (604, 4699), (644, 4798), (685, 4870), (726, 4927), (771, 5005), (778, 5017), (868, 5131), (876, 5149), (914, 5194), (929, 5218), (931, 5221), (954, 5260), (1051, 5401), (1069, 5446), (1071, 5449), (1080, 5461), (1114, 5509), (1133, 5542), (1136, 5551), (1139, 5554),

Gene: Moostard_5 Start: 1186, Stop: 2751, Start Num: 93
Candidate Starts for Moostard_5:
(Start: 93 @1186 has 92 MA's), (Start: 99 @1192 has 9 MA's), (238, 1363), (313, 1468), (319, 1480), (413, 1636), (419, 1645), (420, 1648), (422, 1651), (464, 1726), (494, 1780), (496, 1783), (498, 1786), (637, 2017), (685, 2092), (694, 2113), (699, 2119), (759, 2188), (776, 2212), (786, 2230), (790, 2245), (867, 2359), (907, 2398), (912, 2404), (962, 2470), (1016, 2560), (1024, 2572), (1078, 2611), (1143, 2698), (1181, 2743), (1183, 2746),

Gene: Moozy_7 Start: 2667, Stop: 4412, Start Num: 187
Candidate Starts for Moozy_7:
(Start: 187 @2667 has 203 MA's), (195, 2673), (229, 2721), (252, 2760), (254, 2766), (322, 2886), (361, 2958), (413, 3063), (444, 3141), (451, 3159), (454, 3162), (492, 3231), (506, 3264), (522, 3315), (530, 3333), (539, 3357), (573, 3426), (604, 3519), (647, 3624), (726, 3747), (771, 3819), (876, 3960), (929, 4029), (931, 4032), (1012, 4170), (1060, 4239), (1071, 4260), (1074, 4263), (1080, 4272), (1094, 4290), (1114, 4320), (1136, 4362), (1139, 4365),

Gene: Morpher26_11 Start: 6893, Stop: 8590, Start Num: 95
Candidate Starts for Morpher26_11:
(Start: 95 @6893 has 435 MA's), (Start: 122 @6917 has 1 MA's), (311, 7163), (408, 7346), (411, 7349), (432, 7388), (469, 7457), (479, 7481), (510, 7547), (550, 7637), (620, 7802), (661, 7889), (775, 8015),

(800, 8063), (812, 8087), (862, 8153), (901, 8192), (916, 8213), (985, 8309), (1167, 8543), (1168, 8546), (1193, 8576), (1196, 8579),

Gene: Morrey_4 Start: 1243, Stop: 2838, Start Num: 161
Candidate Starts for Morrey_4:
(Start: 161 @1243 has 13 MA's), (330, 1501), (342, 1525), (347, 1531), (521, 1822), (536, 1852), (559, 1903), (564, 1912), (621, 2014), (625, 2026), (701, 2149), (796, 2278), (956, 2506), (991, 2548), (1190, 2827),

Gene: Morrissey_2 Start: 537, Stop: 2093, Start Num: 162
Candidate Starts for Morrissey_2:
(Start: 162 @537 has 7 MA's), (180, 564), (254, 678), (329, 792), (342, 819), (413, 927), (420, 939), (427, 954), (463, 1002), (464, 1005), (496, 1053), (520, 1116), (547, 1176), (548, 1179), (630, 1293), (637, 1308), (709, 1410), (713, 1416), (736, 1443), (753, 1461), (788, 1509), (789, 1515), (804, 1548), (837, 1587), (838, 1590), (927, 1722), (982, 1791), (983, 1794), (999, 1812), (1014, 1848), (1055, 1905), (1072, 1929), (1201, 2085),

Gene: Morrow_11 Start: 6887, Stop: 8584, Start Num: 102
Candidate Starts for Morrow_11:
(27, 6707), (30, 6725), (35, 6755), (Start: 102 @6887 has 88 MA's), (Start: 122 @6911 has 1 MA's), (Start: 207 @7034 has 2 MA's), (293, 7124), (311, 7157), (408, 7340), (411, 7343), (432, 7382), (469, 7451), (479, 7475), (510, 7541), (550, 7631), (620, 7796), (661, 7883), (685, 7916), (740, 7982), (798, 8054), (800, 8057), (812, 8081), (852, 8132), (862, 8147), (901, 8186), (916, 8207), (985, 8303), (1168, 8540), (1193, 8570), (1196, 8573),

Gene: MortyNRick_2 Start: 486, Stop: 2147, Start Num: 143
Candidate Starts for MortyNRick_2:
(48, 324), (60, 357), (Start: 62 @360 has 1 MA's), (90, 411), (97, 420), (Start: 125 @453 has 1 MA's), (Start: 143 @486 has 83 MA's), (Start: 191 @537 has 2 MA's), (200, 549), (216, 576), (253, 597), (295, 666), (300, 681), (324, 720), (334, 747), (339, 756), (341, 759), (362, 792), (377, 825), (378, 828), (386, 843), (405, 879), (406, 882), (411, 888), (422, 903), (423, 906), (437, 942), (469, 996), (497, 1047), (510, 1071), (550, 1158), (581, 1218), (584, 1227), (598, 1263), (609, 1299), (624, 1341), (645, 1395), (661, 1419), (678, 1443), (727, 1503), (738, 1509), (789, 1572), (812, 1626), (825, 1644), (862, 1701), (869, 1713), (901, 1740), (959, 1821), (981, 1851), (1005, 1890), (1016, 1914), (1072, 1950), (1081, 1962), (1083, 1965), (1142, 2058), (1145, 2061), (1157, 2079), (1172, 2100), (1188, 2121), (1204, 2136),

Gene: MosMoris_33 Start: 10300, Stop: 12042, Start Num: 143
Candidate Starts for MosMoris_33:
(Start: 143 @10300 has 83 MA's), (253, 10417), (283, 10462), (305, 10528), (306, 10543), (323, 10576), (324, 10579), (329, 10594), (341, 10618), (342, 10621), (362, 10651), (375, 10672), (378, 10690), (383, 10699), (402, 10735), (411, 10750), (434, 10795), (458, 10837), (477, 10876), (482, 10888), (497, 10909), (519, 10960), (534, 10981), (635, 11203), (697, 11308), (704, 11317), (749, 11350), (776, 11371), (778, 11374), (789, 11401), (800, 11431), (806, 11443), (813, 11458), (819, 11467), (825, 11473), (852, 11515), (858, 11524), (865, 11539), (882, 11554), (929, 11614), (954, 11653), (980, 11686), (1001, 11716), (1002, 11719), (1040, 11803), (1081, 11857), (1092, 11872), (1113, 11899), (1142, 11953), (1211, 12025), (1213, 12028),

Gene: Moss_2 Start: 594, Stop: 2282, Start Num: 119
Candidate Starts for Moss_2:
(Start: 119 @594 has 16 MA's), (373, 939), (386, 963), (411, 1008), (456, 1095), (482, 1149), (509, 1188), (570, 1323), (608, 1425), (773, 1647), (800, 1698), (959, 1917), (985, 1953), (997, 1968), (1142, 2193), (1150, 2205), (1165, 2220), (1204, 2271),

Gene: Mossy_14 Start: 8374, Stop: 10119, Start Num: 187
Candidate Starts for Mossy_14:
(Start: 187 @8374 has 203 MA's), (195, 8380), (252, 8467), (254, 8473), (274, 8509), (302, 8563), (323, 8596), (388, 8722), (444, 8848), (451, 8866), (454, 8869), (492, 8938), (530, 9040), (555, 9097), (582, 9166), (604, 9226), (644, 9325), (647, 9331), (665, 9361), (682, 9388), (726, 9454), (778, 9535), (863, 9640), (868, 9649), (871, 9655), (899, 9691), (916, 9715), (929, 9736), (931, 9739), (1051, 9919), (1071, 9967), (1080, 9979), (1094, 9997), (1136, 10069), (1139, 10072),

Gene: MrAaronian_8 Start: 3618, Stop: 5366, Start Num: 187
Candidate Starts for MrAaronian_8:
(Start: 174 @3600 has 5 MA's), (Start: 187 @3618 has 203 MA's), (252, 3711), (254, 3717), (292, 3774), (322, 3837), (413, 4014), (444, 4092), (454, 4113), (506, 4215), (530, 4284), (537, 4299), (555, 4341), (604, 4470), (634, 4545), (644, 4569), (704, 4674), (726, 4698), (778, 4782), (868, 4896), (876, 4914), (929, 4983), (931, 4986), (962, 5037), (992, 5079), (1051, 5166), (1060, 5193), (1071, 5214), (1080, 5226), (1094, 5244), (1139, 5319),

Gene: MrBoss_5 Start: 3243, Stop: 4625, Start Num: 252
Candidate Starts for MrBoss_5:
(Start: 129 @3057 has 79 MA's), (252, 3243), (Start: 272 @3273 has 48 MA's), (313, 3324), (319, 3336), (330, 3366), (342, 3390), (364, 3414), (425, 3516), (464, 3597), (496, 3645), (521, 3711), (542, 3759), (547, 3768), (625, 3870), (637, 3900), (709, 4026), (787, 4119), (834, 4191), (861, 4227), (939, 4323), (1008, 4389), (1043, 4419), (1046, 4425), (1095, 4491), (1192, 4611),

Gene: MrGloopy_5 Start: 3066, Stop: 4631, Start Num: 129
Candidate Starts for MrGloopy_5:
(Start: 129 @3066 has 79 MA's), (Start: 268 @3276 has 4 MA's), (Start: 272 @3279 has 48 MA's), (313, 3330), (338, 3387), (342, 3396), (364, 3420), (485, 3636), (494, 3648), (496, 3651), (500, 3657), (521, 3717), (548, 3777), (554, 3789), (625, 3876), (637, 3906), (642, 3921), (692, 4002), (764, 4080), (768, 4089), (787, 4125), (804, 4164), (834, 4197), (838, 4206), (861, 4233), (912, 4287), (939, 4329), (1001, 4374), (1008, 4395), (1022, 4419), (1095, 4497), (1192, 4617),

Gene: MrGordo_11 Start: 6729, Stop: 8417, Start Num: 95
Candidate Starts for MrGordo_11:
(Start: 95 @6729 has 435 MA's), (311, 6993), (323, 7017), (411, 7179), (430, 7212), (469, 7287), (510, 7377), (518, 7401), (534, 7428), (553, 7476), (591, 7545), (620, 7632), (644, 7692), (819, 7926), (832, 7938), (862, 7980), (882, 8001), (908, 8028), (985, 8136), (1070, 8226), (1139, 8331),

Gene: MrGreen_3 Start: 1092, Stop: 2552, Start Num: 149
Candidate Starts for MrGreen_3:
(Start: 149 @1092 has 162 MA's), (Start: 154 @1098 has 4 MA's), (Start: 272 @1260 has 48 MA's), (278, 1269), (315, 1329), (348, 1398), (366, 1419), (394, 1470), (520, 1674), (592, 1809), (642, 1887), (649, 1902), (674, 1938), (703, 1980), (739, 2013), (765, 2031), (834, 2151), (835, 2154), (848, 2166), (905, 2241), (944, 2304), (958, 2322), (960, 2325), (1098, 2487), (1104, 2496), (1110, 2505), (1135, 2544),

Gene: MrMagoo_18 Start: 5300, Stop: 6841, Start Num: 130
Candidate Starts for MrMagoo_18:
(Start: 130 @5300 has 21 MA's), (Start: 132 @5303 has 2 MA's), (266, 5486), (281, 5504), (310, 5537), (315, 5546), (342, 5609), (392, 5684), (494, 5837), (512, 5876), (561, 5969), (572, 5990), (676, 6137), (715, 6197), (857, 6371), (912, 6449), (959, 6509), (977, 6536), (1158, 6791),

Gene: Mryolo_10 Start: 6759, Stop: 8447, Start Num: 95

Candidate Starts for Mryolo_10:
(Start: 95 @6759 has 435 MA's), (Start: 258 @6939 has 2 MA's), (311, 7023), (327, 7059), (411, 7209), (469, 7317), (510, 7407), (518, 7431), (553, 7506), (565, 7524), (620, 7662), (644, 7722), (813, 7947), (819, 7956), (832, 7968), (862, 8010), (882, 8031), (908, 8058), (985, 8166), (1070, 8256), (1139, 8361),

Gene: Ms6_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Ms6_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: MsGreen_5 Start: 1190, Stop: 2755, Start Num: 93
Candidate Starts for MsGreen_5:
(64, 1139), (Start: 68 @1148 has 2 MA's), (Start: 93 @1190 has 92 MA's), (Start: 99 @1196 has 9 MA's), (238, 1367), (254, 1397), (313, 1472), (316, 1478), (319, 1484), (413, 1640), (419, 1649), (420, 1652), (422, 1655), (464, 1730), (494, 1784), (496, 1787), (498, 1790), (637, 2021), (685, 2096), (694, 2117), (699, 2123), (759, 2192), (776, 2216), (786, 2234), (790, 2249), (867, 2363), (907, 2402), (912, 2408), (962, 2474), (1001, 2528), (1016, 2564), (1024, 2576), (1078, 2615), (1143, 2702), (1181, 2747), (1183, 2750),

Gene: MsUbiquitous_3 Start: 676, Stop: 2304, Start Num: 171
Candidate Starts for MsUbiquitous_3:
(Start: 171 @676 has 84 MA's), (278, 832), (342, 940), (398, 1024), (415, 1048), (464, 1123), (498, 1174), (500, 1177), (521, 1237), (531, 1255), (542, 1285), (558, 1315), (829, 1771), (838, 1786), (1095, 2137), (1215, 2293),

Gene: MuchMore_15 Start: 6949, Stop: 8649, Start Num: 102
Candidate Starts for MuchMore_15:
(Start: 102 @6949 has 88 MA's), (137, 6997), (253, 7132), (362, 7324), (411, 7411), (510, 7609), (550, 7699), (583, 7762), (644, 7924), (800, 8122), (812, 8146), (813, 8149), (862, 8212), (882, 8233), (916, 8272), (985, 8368), (1014, 8422), (1070, 8458), (1168, 8605), (1193, 8635), (1196, 8638),

Gene: Mudcat_8 Start: 3848, Stop: 5602, Start Num: 187
Candidate Starts for Mudcat_8:
(151, 3794), (Start: 183 @3842 has 2 MA's), (Start: 187 @3848 has 203 MA's), (252, 3941), (254, 3947), (361, 4139), (395, 4214), (413, 4244), (427, 4274), (444, 4322), (451, 4340), (454, 4343), (530, 4514), (604, 4700), (644, 4799), (685, 4871), (726, 4928), (771, 5006), (778, 5018), (866, 5129), (868, 5132), (876, 5150), (914, 5195), (929, 5219), (931, 5222), (954, 5261), (1051, 5402), (1069, 5447), (1071, 5450), (1080, 5462), (1114, 5510), (1133, 5543), (1136, 5552), (1139, 5555),

Gene: Muddy_5 Start: 2008, Stop: 3672, Start Num: 143
Candidate Starts for Muddy_5:
(Start: 143 @2008 has 83 MA's), (Start: 182 @2047 has 15 MA's), (200, 2071), (300, 2200), (378, 2347), (386, 2362), (411, 2407), (434, 2455), (450, 2491), (480, 2548), (497, 2572), (514, 2608), (583, 2746), (604, 2806), (609, 2821), (623, 2860), (704, 3007), (789, 3097), (800, 3127), (869, 3232), (959, 3340), (981, 3370), (1001, 3397), (1005, 3409), (1047, 3445), (1050, 3448), (1122, 3541), (1157,

3598),

Gene: Mudpuppy_2 Start: 533, Stop: 2239, Start Num: 95
Candidate Starts for Mudpuppy_2:
(Start: 95 @533 has 435 MA's), (379, 905), (411, 962), (436, 1010), (482, 1100), (513, 1154), (570, 1274), (604, 1364), (710, 1526), (800, 1649), (985, 1904), (997, 1919), (1081, 2054), (1136, 2138), (1150, 2162),

Gene: Muglass_7 Start: 3236, Stop: 4969, Start Num: 187
Candidate Starts for Muglass_7:
(Start: 187 @3236 has 203 MA's), (215, 3275), (243, 3311), (254, 3335), (388, 3572), (395, 3590), (413, 3620), (444, 3698), (454, 3719), (492, 3788), (530, 3890), (539, 3914), (570, 3971), (578, 4004), (604, 4076), (644, 4175), (661, 4205), (685, 4247), (726, 4304), (778, 4385), (876, 4517), (929, 4586), (931, 4589), (992, 4682), (1059, 4793), (1071, 4817), (1080, 4829), (1089, 4841), (1136, 4919), (1139, 4922),

Gene: MulchSalad_2 Start: 586, Stop: 2223, Start Num: 111
Candidate Starts for MulchSalad_2:
(Start: 111 @586 has 202 MA's), (Start: 125 @601 has 1 MA's), (Start: 129 @610 has 79 MA's), (133, 616), (Start: 158 @643 has 2 MA's), (Start: 185 @667 has 2 MA's), (188, 670), (224, 733), (230, 751), (244, 772), (312, 859), (315, 865), (352, 919), (377, 943), (381, 952), (383, 955), (392, 976), (404, 997), (415, 1012), (440, 1069), (461, 1108), (502, 1177), (505, 1183), (514, 1213), (515, 1216), (518, 1225), (523, 1240), (534, 1258), (557, 1309), (584, 1360), (601, 1402), (604, 1411), (711, 1582), (726, 1594), (748, 1612), (800, 1678), (816, 1708), (818, 1711), (820, 1714), (869, 1771), (884, 1786), (889, 1792), (893, 1795), (901, 1810), (908, 1819), (957, 1888), (982, 1918), (988, 1927), (1006, 1960), (1024, 1993), (1069, 2020), (1094, 2053), (1112, 2080), (1114, 2083), (1127, 2104), (1139, 2128), (1142, 2137), (1145, 2140), (1184, 2197),

Gene: Mulciber_12 Start: 8024, Stop: 9787, Start Num: 96
Candidate Starts for Mulciber_12:
(Start: 96 @8024 has 243 MA's), (Start: 120 @8045 has 11 MA's), (179, 8132), (250, 8261), (262, 8285), (300, 8348), (381, 8492), (408, 8543), (411, 8546), (469, 8657), (479, 8681), (480, 8684), (510, 8747), (513, 8756), (518, 8771), (580, 8888), (584, 8903), (605, 8963), (638, 9047), (740, 9188), (806, 9275), (812, 9287), (852, 9335), (862, 9350), (901, 9389), (916, 9410), (942, 9449), (979, 9494), (985, 9506), (1168, 9743), (1191, 9770),

Gene: Mule_11 Start: 7045, Stop: 8733, Start Num: 95
Candidate Starts for Mule_11:
(Start: 95 @7045 has 435 MA's), (311, 7309), (323, 7333), (411, 7495), (430, 7528), (469, 7603), (510, 7693), (518, 7717), (534, 7744), (553, 7792), (620, 7948), (644, 8008), (813, 8233), (819, 8242), (832, 8254), (862, 8296), (882, 8317), (908, 8344), (985, 8452), (1070, 8542), (1139, 8647),

Gene: Munch_12 Start: 8024, Stop: 9787, Start Num: 96
Candidate Starts for Munch_12:
(Start: 96 @8024 has 243 MA's), (Start: 120 @8045 has 11 MA's), (179, 8132), (250, 8261), (262, 8285), (300, 8348), (381, 8492), (408, 8543), (411, 8546), (469, 8657), (479, 8681), (480, 8684), (510, 8747), (513, 8756), (518, 8771), (580, 8888), (584, 8903), (605, 8963), (638, 9047), (806, 9275), (812, 9287), (852, 9335), (862, 9350), (901, 9389), (916, 9410), (942, 9449), (979, 9494), (985, 9506), (1168, 9743), (1191, 9770),

Gene: Mundrea_11 Start: 6846, Stop: 8543, Start Num: 95
Candidate Starts for Mundrea_11:

(Start: 95 @6846 has 435 MA's), (Start: 122 @6870 has 1 MA's), (311, 7116), (408, 7299), (411, 7302), (432, 7341), (469, 7410), (479, 7434), (499, 7464), (510, 7500), (550, 7590), (620, 7755), (661, 7842), (685, 7875), (740, 7941), (798, 8013), (800, 8016), (812, 8040), (862, 8106), (901, 8145), (916, 8166), (985, 8262), (1024, 8331), (1167, 8496), (1168, 8499), (1193, 8529), (1196, 8532),

Gene: MunkgeeRoachy_4 Start: 1161, Stop: 2840, Start Num: 143
Candidate Starts for MunkgeeRoachy_4:
(Start: 143 @1161 has 83 MA's), (Start: 191 @1212 has 2 MA's), (205, 1233), (Start: 207 @1236 has 2 MA's), (254, 1278), (300, 1359), (334, 1425), (339, 1434), (378, 1506), (386, 1521), (405, 1557), (411, 1566), (434, 1617), (482, 1716), (514, 1773), (532, 1806), (598, 1950), (609, 1986), (623, 2025), (635, 2058), (661, 2106), (685, 2139), (697, 2163), (738, 2196), (776, 2229), (798, 2286), (803, 2295), (859, 2379), (929, 2466), (1001, 2562), (1072, 2634), (1081, 2646), (1165, 2766), (1213, 2826), (1214, 2829),

Gene: Murphy_8 Start: 2182, Stop: 3852, Start Num: 272
Candidate Starts for Murphy_8:
(Start: 272 @2182 has 48 MA's), (309, 2245), (435, 2479), (487, 2581), (570, 2761), (576, 2785), (585, 2803), (595, 2815), (616, 2878), (621, 2890), (642, 2935), (649, 2950), (700, 3028), (728, 3073), (759, 3127), (760, 3133), (814, 3247), (910, 3391), (933, 3427), (1014, 3580), (1022, 3592), (1065, 3649), (1091, 3685), (1124, 3736), (1142, 3772), (1145, 3775), (1193, 3841),

Gene: Museum_13 Start: 7063, Stop: 8751, Start Num: 107
Candidate Starts for Museum_13:
(Start: 107 @7063 has 24 MA's), (253, 7234), (Start: 258 @7243 has 2 MA's), (311, 7327), (324, 7354), (327, 7363), (411, 7513), (430, 7546), (469, 7621), (510, 7711), (518, 7735), (534, 7762), (553, 7810), (620, 7966), (644, 8026), (813, 8251), (819, 8260), (832, 8272), (862, 8314), (882, 8335), (908, 8362), (985, 8470), (1070, 8560), (1139, 8665),

Gene: Mutaforma13_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Mutaforma13_2:
(Start: 111 @587 has 202 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (147, 632), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1184, 2198),

Gene: Muttlie_4 Start: 800, Stop: 2290, Start Num: 146
Candidate Starts for Muttlie_4:
(Start: 146 @800 has 40 MA's), (181, 845), (255, 947), (267, 965), (274, 974), (300, 992), (313, 1025), (315, 1028), (319, 1037), (330, 1067), (345, 1094), (415, 1193), (474, 1292), (486, 1316), (488, 1319), (491, 1322), (513, 1367), (650, 1601), (692, 1649), (694, 1661), (728, 1700), (748, 1718), (768, 1730), (770, 1733), (781, 1754), (785, 1760), (789, 1772), (838, 1850), (874, 1904), (930, 1958), (940, 1970), (1005, 2063), (1081, 2147), (1125, 2204), (1175, 2273),

Gene: Mwanjiwa_2 Start: 628, Stop: 2208, Start Num: 158
Candidate Starts for Mwanjiwa_2:
(Start: 111 @571 has 202 MA's), (Start: 118 @580 has 1 MA's), (Start: 129 @595 has 79 MA's), (Start: 158 @628 has 2 MA's), (Start: 185 @652 has 2 MA's), (188, 655), (224, 718), (244, 757), (312, 844), (352, 904), (377, 928), (381, 937), (383, 940), (392, 961), (404, 982), (440, 1054), (461, 1093), (502, 1162), (505, 1168), (514, 1198), (515, 1201), (518, 1210), (523, 1225), (534, 1243), (557, 1294), (584,

1345), (601, 1387), (604, 1396), (711, 1567), (726, 1579), (800, 1663), (816, 1693), (818, 1696), (820, 1699), (869, 1756), (884, 1771), (889, 1777), (893, 1780), (901, 1795), (908, 1804), (957, 1873), (982, 1903), (1014, 1963), (1024, 1978), (1069, 2005), (1094, 2038), (1112, 2065), (1114, 2068), (1127, 2089), (1139, 2113), (1142, 2122), (1145, 2125), (1184, 2182),

Gene: MyraDee_9 Start: 5029, Stop: 6714, Start Num: 111
Candidate Starts for MyraDee_9:
(Start: 111 @5029 has 202 MA's), (Start: 191 @5140 has 2 MA's), (200, 5152), (253, 5203), (327, 5332), (341, 5362), (408, 5476), (510, 5665), (526, 5710), (565, 5788), (571, 5797), (615, 5914), (632, 5959), (644, 5986), (647, 5992), (648, 5995), (800, 6187), (812, 6211), (813, 6214), (916, 6337), (985, 6433), (1168, 6670), (1193, 6700), (1196, 6703),

Gene: Myram_3 Start: 1074, Stop: 2534, Start Num: 149
Candidate Starts for Myram_3:
(Start: 149 @1074 has 162 MA's), (Start: 154 @1080 has 4 MA's), (Start: 272 @1242 has 48 MA's), (278, 1251), (315, 1311), (348, 1380), (366, 1401), (394, 1452), (520, 1656), (642, 1869), (649, 1884), (674, 1920), (703, 1962), (739, 1995), (765, 2013), (834, 2133), (835, 2136), (848, 2148), (905, 2223), (944, 2286), (958, 2304), (960, 2307), (1098, 2469), (1104, 2478), (1110, 2487), (1135, 2526),

Gene: Mysterium_2 Start: 594, Stop: 2282, Start Num: 119
Candidate Starts for Mysterium_2:
(Start: 119 @594 has 16 MA's), (295, 795), (373, 939), (411, 1008), (456, 1095), (482, 1149), (509, 1188), (570, 1323), (608, 1425), (773, 1647), (800, 1698), (959, 1917), (985, 1953), (997, 1968), (1142, 2193), (1150, 2205), (1165, 2220), (1204, 2271),

Gene: Mysticmoon_14 Start: 8058, Stop: 9803, Start Num: 187
Candidate Starts for Mysticmoon_14:
(Start: 187 @8058 has 203 MA's), (195, 8064), (252, 8151), (254, 8157), (274, 8193), (302, 8247), (323, 8280), (388, 8406), (427, 8484), (444, 8532), (451, 8550), (454, 8553), (492, 8622), (530, 8724), (604, 8910), (644, 9009), (647, 9015), (665, 9045), (682, 9072), (726, 9138), (847, 9297), (866, 9330), (868, 9333), (899, 9375), (916, 9399), (929, 9420), (931, 9423), (1071, 9651), (1080, 9663), (1094, 9681), (1136, 9753), (1139, 9756),

Gene: Myxus_13 Start: 8109, Stop: 9896, Start Num: 96
Candidate Starts for Myxus_13:
(Start: 96 @8109 has 243 MA's), (Start: 114 @8124 has 11 MA's), (Start: 120 @8130 has 11 MA's), (200, 8241), (250, 8340), (339, 8502), (381, 8574), (411, 8628), (432, 8667), (469, 8739), (510, 8829), (518, 8853), (580, 8970), (584, 8985), (622, 9093), (659, 9168), (685, 9204), (717, 9264), (806, 9384), (817, 9405), (852, 9444), (901, 9498), (904, 9501), (916, 9519), (954, 9573), (979, 9603), (985, 9615), (1070, 9705), (1083, 9723), (1168, 9852), (1191, 9879), (1193, 9882),

Gene: NEHalo_11 Start: 6571, Stop: 8259, Start Num: 95
Candidate Starts for NEHalo_11:
(Start: 95 @6571 has 435 MA's), (Start: 258 @6751 has 2 MA's), (311, 6835), (327, 6871), (339, 6898), (394, 6994), (411, 7021), (430, 7054), (469, 7129), (510, 7219), (518, 7243), (553, 7318), (620, 7474), (644, 7534), (813, 7759), (819, 7768), (832, 7780), (862, 7822), (882, 7843), (908, 7870), (985, 7978), (1070, 8068), (1139, 8173),

Gene: NaSiaTalie_12 Start: 7481, Stop: 9268, Start Num: 96
Candidate Starts for NaSiaTalie_12:
(50, 7397), (Start: 96 @7481 has 243 MA's), (179, 7589), (193, 7610), (241, 7700), (250, 7718), (408, 8000), (411, 8003), (469, 8111), (510, 8201), (518, 8225), (580, 8342), (584, 8357), (800, 8744), (901, 8870), (916, 8891), (979, 8975), (985, 8987), (1168, 9224), (1191, 9251), (1193, 9254), (1196, 9257),

(1199, 9260),

Gene: Nabi_6 Start: 2374, Stop: 4020, Start Num: 73
Candidate Starts for Nabi_6:
(Start: 73 @2374 has 95 MA's), (Start: 86 @2392 has 10 MA's), (283, 2596), (300, 2632), (400, 2812), (413, 2833), (437, 2878), (458, 2920), (497, 2992), (510, 3016), (556, 3115), (565, 3130), (580, 3154), (581, 3160), (673, 3328), (800, 3478), (811, 3499), (869, 3589), (959, 3697), (985, 3736), (1001, 3757), (1003, 3763), (1010, 3781), (1142, 3937), (1204, 4015),

Gene: Naby_3 Start: 778, Stop: 2235, Start Num: 149
Candidate Starts for Naby_3:
(Start: 149 @778 has 162 MA's), (Start: 272 @943 has 48 MA's), (348, 1081), (366, 1102), (387, 1138), (394, 1153), (494, 1294), (520, 1357), (532, 1381), (674, 1621), (703, 1663), (739, 1696), (765, 1714), (834, 1834), (848, 1849), (869, 1885), (905, 1924), (944, 1987), (960, 2008), (1098, 2170), (1110, 2188),

Gene: Naca_9 Start: 6070, Stop: 7848, Start Num: 52
Candidate Starts for Naca_9:
(Start: 52 @6070 has 23 MA's), (Start: 63 @6097 has 32 MA's), (Start: 105 @6157 has 1 MA's), (112, 6166), (139, 6205), (196, 6280), (200, 6286), (300, 6418), (339, 6493), (341, 6496), (439, 6670), (510, 6802), (526, 6847), (565, 6925), (570, 6931), (632, 7096), (647, 7129), (661, 7150), (800, 7324), (812, 7348), (901, 7450), (916, 7471), (954, 7525), (979, 7555), (985, 7567), (1014, 7621), (1167, 7801), (1168, 7804), (1196, 7837), (1202, 7843),

Gene: NadineRae_24 Start: 9655, Stop: 11382, Start Num: 111
Candidate Starts for NadineRae_24:
(Start: 111 @9655 has 202 MA's), (Start: 158 @9718 has 2 MA's), (222, 9805), (247, 9856), (281, 9901), (299, 9931), (303, 9940), (324, 9973), (359, 10063), (369, 10081), (514, 10363), (523, 10390), (604, 10558), (608, 10570), (675, 10681), (818, 10864), (893, 10978), (901, 10993), (922, 11026), (988, 11101), (1112, 11245), (1139, 11287), (1157, 11317), (1186, 11359),

Gene: Nadmeg_17 Start: 10303, Stop: 12048, Start Num: 187
Candidate Starts for Nadmeg_17:
(Start: 187 @10303 has 203 MA's), (195, 10309), (252, 10396), (254, 10402), (274, 10438), (302, 10492), (322, 10522), (395, 10669), (444, 10777), (451, 10795), (454, 10798), (492, 10867), (522, 10951), (530, 10969), (555, 11026), (604, 11155), (644, 11254), (647, 11260), (704, 11359), (726, 11383), (863, 11569), (868, 11578), (916, 11644), (929, 11665), (931, 11668), (1069, 11893), (1071, 11896), (1080, 11908), (1136, 11998), (1139, 12001),

Gene: Naiad_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Naiad_8:
(Start: 104 @3156 has 36 MA's), (Start: 258 @3342 has 2 MA's), (300, 3414), (311, 3426), (323, 3450), (327, 3462), (411, 3615), (420, 3630), (449, 3690), (510, 3798), (534, 3855), (618, 4053), (623, 4071), (647, 4125), (742, 4236), (778, 4269), (800, 4311), (817, 4344), (869, 4413), (985, 4557), (1010, 4602), (1081, 4662), (1142, 4761), (1168, 4794), (1191, 4821), (1193, 4824), (1196, 4827),

Gene: Nairb_3 Start: 724, Stop: 2607, Start Num: 66
Candidate Starts for Nairb_3:
(14, 475), (Start: 66 @724 has 7 MA's), (127, 805), (131, 814), (197, 910), (204, 922), (300, 1054), (383, 1201), (386, 1207), (400, 1234), (411, 1252), (442, 1315), (514, 1450), (599, 1651), (630, 1708), (803, 1927), (835, 1978), (843, 2002), (874, 2053), (961, 2182), (980, 2221), (985, 2230), (1010, 2281), (1033, 2320), (1072, 2407), (1081, 2419), (1141, 2512), (1150, 2527), (1152, 2530),

Gene: Naji_15 Start: 7375, Stop: 9162, Start Num: 96
Candidate Starts for Naji_15:
(29, 7216), (33, 7243), (Start: 96 @7375 has 243 MA's), (179, 7483), (193, 7504), (227, 7570), (250, 7612), (300, 7699), (408, 7894), (411, 7897), (469, 8005), (510, 8095), (518, 8119), (570, 8218), (583, 8248), (584, 8251), (623, 8362), (733, 8551), (852, 8710), (862, 8725), (869, 8737), (901, 8764), (916, 8785), (979, 8869), (985, 8881), (1070, 8971), (1168, 9118), (1191, 9145), (1193, 9148),

Gene: Namo_8 Start: 3146, Stop: 4891, Start Num: 187
Candidate Starts for Namo_8:
(Start: 187 @3146 has 203 MA's), (229, 3200), (231, 3203), (252, 3239), (254, 3245), (380, 3479), (430, 3578), (444, 3620), (454, 3641), (476, 3683), (480, 3695), (522, 3794), (530, 3812), (545, 3848), (634, 4073), (644, 4097), (647, 4103), (726, 4226), (771, 4295), (863, 4412), (866, 4418), (876, 4439), (929, 4508), (931, 4511), (962, 4562), (1012, 4649), (1059, 4715), (1071, 4739), (1080, 4751), (1094, 4769), (1136, 4841), (1139, 4844),

Gene: Namsahir_3 Start: 1095, Stop: 2555, Start Num: 149
Candidate Starts for Namsahir_3:
(Start: 149 @1095 has 162 MA's), (Start: 154 @1101 has 4 MA's), (Start: 272 @1263 has 48 MA's), (278, 1272), (315, 1332), (348, 1401), (366, 1422), (394, 1473), (520, 1677), (592, 1812), (649, 1905), (661, 1923), (674, 1941), (703, 1983), (739, 2016), (765, 2034), (834, 2154), (835, 2157), (848, 2169), (857, 2181), (862, 2193), (905, 2244), (941, 2301), (944, 2307), (949, 2316), (958, 2325), (960, 2328), (1098, 2490), (1104, 2499), (1110, 2508), (1135, 2547),

Gene: Nancia_2 Start: 426, Stop: 1991, Start Num: 129
Candidate Starts for Nancia_2:
(Start: 129 @426 has 79 MA's), (211, 549), (248, 603), (Start: 268 @636 has 4 MA's), (Start: 272 @639 has 48 MA's), (313, 690), (317, 699), (330, 732), (338, 747), (342, 756), (364, 780), (452, 942), (521, 1077), (532, 1098), (548, 1137), (625, 1236), (637, 1266), (642, 1281), (661, 1314), (692, 1362), (694, 1371), (768, 1449), (787, 1485), (804, 1524), (838, 1566), (861, 1593), (912, 1647), (939, 1689), (1001, 1734), (1008, 1755), (1022, 1779), (1095, 1857),

Gene: Nancinator_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Nancinator_8:
(Start: 104 @3156 has 36 MA's), (Start: 258 @3342 has 2 MA's), (300, 3414), (311, 3426), (323, 3450), (327, 3462), (411, 3615), (420, 3630), (449, 3690), (510, 3798), (534, 3855), (618, 4053), (623, 4071), (647, 4125), (742, 4236), (778, 4269), (800, 4311), (817, 4344), (869, 4413), (985, 4557), (1010, 4602), (1081, 4662), (1142, 4761), (1168, 4794), (1191, 4821), (1193, 4824), (1196, 4827),

Gene: Nandita_6 Start: 1957, Stop: 3657, Start Num: 163
Candidate Starts for Nandita_6:
(124, 1900), (Start: 146 @1936 has 40 MA's), (Start: 163 @1957 has 23 MA's), (233, 2080), (Start: 246 @2101 has 12 MA's), (278, 2149), (315, 2194), (316, 2197), (333, 2239), (342, 2257), (345, 2260), (347, 2263), (426, 2386), (464, 2440), (521, 2554), (548, 2614), (559, 2635), (582, 2701), (642, 2866), (692, 2932), (699, 2947), (796, 3118), (822, 3157), (834, 3166), (838, 3175), (869, 3217), (907, 3250), (932, 3289), (983, 3331), (1008, 3373), (1054, 3421), (1072, 3448), (1075, 3451), (1078, 3457), (1095, 3478), (1125, 3520), (1215, 3646),

Gene: Nanodon_8 Start: 2573, Stop: 4219, Start Num: 73
Candidate Starts for Nanodon_8:
(Start: 73 @2573 has 95 MA's), (Start: 86 @2591 has 10 MA's), (283, 2795), (326, 2876), (400, 3011), (413, 3032), (437, 3077), (458, 3119), (497, 3191), (510, 3215), (556, 3314), (584, 3368), (673, 3527), (719, 3587), (811, 3698), (852, 3761), (869, 3788), (906, 3821), (959, 3896), (985, 3935), (1001, 3956), (1003, 3962), (1010, 3980), (1105, 4076), (1142, 4136),

Gene: Nanosmite_18 Start: 5467, Stop: 7059, Start Num: 130
Candidate Starts for Nanosmite_18:
(Start: 130 @5467 has 21 MA's), (Start: 132 @5470 has 2 MA's), (209, 5572), (266, 5656), (316, 5719), (392, 5854), (394, 5857), (512, 6046), (637, 6241), (643, 6256), (741, 6397), (796, 6514), (857, 6589), (977, 6754), (1143, 6988), (1158, 7009),

Gene: NapoleonB_8 Start: 3847, Stop: 5601, Start Num: 187
Candidate Starts for NapoleonB_8:
(151, 3793), (Start: 183 @3841 has 2 MA's), (Start: 187 @3847 has 203 MA's), (252, 3940), (254, 3946), (361, 4138), (395, 4213), (413, 4243), (427, 4273), (444, 4321), (451, 4339), (454, 4342), (476, 4384), (530, 4513), (604, 4699), (644, 4798), (685, 4870), (726, 4927), (771, 5005), (778, 5017), (868, 5131), (876, 5149), (914, 5194), (929, 5218), (931, 5221), (954, 5260), (1051, 5401), (1069, 5446), (1071, 5449), (1080, 5461), (1114, 5509), (1133, 5542), (1136, 5551), (1139, 5554),

Gene: Nason_8 Start: 4237, Stop: 5991, Start Num: 187
Candidate Starts for Nason_8:
(151, 4183), (Start: 183 @4231 has 2 MA's), (Start: 187 @4237 has 203 MA's), (252, 4330), (254, 4336), (395, 4603), (413, 4633), (427, 4663), (444, 4711), (451, 4729), (454, 4732), (476, 4774), (530, 4903), (604, 5089), (644, 5188), (685, 5260), (726, 5317), (771, 5395), (778, 5407), (868, 5521), (876, 5539), (914, 5584), (929, 5608), (931, 5611), (954, 5650), (1051, 5791), (1069, 5836), (1071, 5839), (1080, 5851), (1114, 5899), (1133, 5932), (1136, 5941), (1139, 5944),

Gene: NatB6_24 Start: 12178, Stop: 13905, Start Num: 110
Candidate Starts for NatB6_24:
(22, 11944), (49, 12073), (Start: 110 @12178 has 12 MA's), (222, 12328), (247, 12379), (251, 12385), (281, 12424), (299, 12454), (315, 12478), (324, 12496), (332, 12523), (359, 12586), (369, 12604), (514, 12889), (523, 12916), (565, 13000), (604, 13084), (608, 13096), (621, 13129), (675, 13207), (741, 13285), (800, 13357), (818, 13390), (855, 13453), (869, 13480), (893, 13504), (908, 13528), (988, 13627), (1013, 13675), (1139, 13813), (1157, 13843), (1200, 13897),

Gene: Natasha_7 Start: 3427, Stop: 5175, Start Num: 187
Candidate Starts for Natasha_7:
(Start: 187 @3427 has 203 MA's), (254, 3526), (322, 3646), (413, 3823), (444, 3901), (454, 3922), (506, 4024), (530, 4093), (604, 4279), (621, 4324), (634, 4354), (644, 4378), (704, 4483), (726, 4507), (771, 4579), (868, 4705), (920, 4780), (929, 4792), (931, 4795), (951, 4828), (954, 4834), (1071, 5023), (1080, 5035), (1094, 5053), (1136, 5125), (1139, 5128),

Gene: Natosaleda_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Natosaleda_8:
(Start: 104 @3156 has 36 MA's), (Start: 258 @3342 has 2 MA's), (300, 3414), (311, 3426), (323, 3450), (327, 3462), (411, 3615), (420, 3630), (449, 3690), (510, 3798), (534, 3855), (618, 4053), (623, 4071), (647, 4125), (742, 4236), (778, 4269), (800, 4311), (817, 4344), (869, 4413), (985, 4557), (1010, 4602), (1081, 4662), (1142, 4761), (1168, 4794), (1191, 4821), (1193, 4824), (1196, 4827),

Gene: Natsu_8 Start: 2890, Stop: 4632, Start Num: 187
Candidate Starts for Natsu_8:
(Start: 182 @2884 has 15 MA's), (Start: 187 @2890 has 203 MA's), (195, 2896), (204, 2911), (229, 2944), (231, 2947), (243, 2965), (252, 2983), (254, 2989), (289, 3043), (323, 3112), (413, 3286), (427, 3316), (444, 3364), (454, 3385), (480, 3439), (506, 3487), (518, 3526), (522, 3538), (530, 3556), (539, 3580), (604, 3742), (644, 3841), (726, 3970), (771, 4039), (876, 4180), (914, 4225), (916, 4228), (929, 4249), (931, 4252), (1055, 4441), (1061, 4462), (1071, 4480), (1080, 4492), (1094, 4510), (1139, 4585),

Gene: Navi1117_8 Start: 3625, Stop: 5358, Start Num: 187
Candidate Starts for Navi1117_8:
(Start: 187 @3625 has 203 MA's), (254, 3724), (388, 3961), (413, 4009), (444, 4087), (451, 4105), (454, 4108), (492, 4177), (530, 4279), (539, 4303), (570, 4360), (604, 4465), (644, 4564), (661, 4594), (685, 4636), (726, 4693), (771, 4762), (778, 4774), (868, 4888), (876, 4906), (929, 4975), (931, 4978), (1059, 5182), (1071, 5206), (1080, 5218), (1089, 5230), (1112, 5263), (1136, 5308), (1139, 5311),

Gene: NearlyHeadless_9 Start: 5706, Stop: 7460, Start Num: 63
Candidate Starts for NearlyHeadless_9:
(Start: 63 @5706 has 32 MA's), (Start: 86 @5748 has 10 MA's), (Start: 125 @5787 has 1 MA's), (Start: 169 @5856 has 6 MA's), (200, 5895), (339, 6102), (449, 6303), (510, 6411), (570, 6540), (632, 6705), (647, 6738), (743, 6858), (800, 6933), (869, 7035), (882, 7044), (901, 7062), (916, 7083), (954, 7137), (985, 7179), (1081, 7284), (1142, 7383), (1168, 7416), (1196, 7449), (1202, 7455),

Gene: Nebs_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Nebs_11:
(27, 6707), (30, 6725), (35, 6755), (Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Nebulosus_14 Start: 6686, Stop: 8383, Start Num: 96
Candidate Starts for Nebulosus_14:
(Start: 96 @6686 has 243 MA's), (Start: 118 @6704 has 1 MA's), (253, 6866), (339, 7022), (381, 7091), (411, 7145), (469, 7253), (480, 7280), (510, 7343), (518, 7367), (812, 7883), (862, 7946), (904, 7988), (985, 8102), (1081, 8207), (1168, 8339), (1191, 8366), (1193, 8369), (1196, 8372),

Gene: Nedarya_13 Start: 7279, Stop: 8973, Start Num: 96
Candidate Starts for Nedarya_13:
(Start: 96 @7279 has 243 MA's), (Start: 118 @7294 has 1 MA's), (253, 7456), (381, 7681), (411, 7735), (469, 7843), (510, 7933), (518, 7957), (580, 8074), (622, 8197), (732, 8362), (800, 8449), (812, 8473), (862, 8536), (869, 8548), (904, 8578), (985, 8692), (1083, 8800), (1168, 8929), (1191, 8956), (1193, 8959), (1196, 8962),

Gene: Neeharika16_15 Start: 7523, Stop: 9277, Start Num: 96
Candidate Starts for Neeharika16_15:
(Start: 96 @7523 has 243 MA's), (250, 7754), (283, 7805), (300, 7841), (339, 7916), (411, 8039), (432, 8078), (469, 8147), (479, 8171), (480, 8174), (510, 8237), (518, 8261), (583, 8390), (584, 8393), (623, 8504), (732, 8666), (800, 8753), (806, 8765), (812, 8777), (852, 8825), (862, 8840), (901, 8879), (916, 8900), (979, 8984), (985, 8996), (1168, 9233), (1191, 9260), (1193, 9263),

Gene: Nemo27_11 Start: 6907, Stop: 8580, Start Num: 122
Candidate Starts for Nemo27_11:
(Start: 95 @6883 has 435 MA's), (Start: 122 @6907 has 1 MA's), (Start: 207 @7030 has 2 MA's), (293, 7120), (311, 7153), (362, 7252), (408, 7336), (411, 7339), (432, 7378), (469, 7447), (479, 7471), (510, 7537), (550, 7627), (620, 7792), (661, 7879), (685, 7912), (740, 7978), (798, 8050), (800, 8053), (812, 8077), (852, 8128), (862, 8143), (901, 8182), (916, 8203), (985, 8299), (1168, 8536), (1193, 8566), (1196, 8569),

Gene: Neobush_2 Start: 498, Stop: 2222, Start Num: 201
Candidate Starts for Neobush_2:

(Start: 190 @483 has 1 MA's), (Start: 201 @498 has 43 MA's), (259, 588), (393, 828), (397, 834), (411, 858), (438, 915), (476, 987), (571, 1185), (590, 1227), (596, 1233), (626, 1317), (641, 1344), (711, 1455), (725, 1482), (826, 1659), (999, 1932), (1001, 1935), (1003, 1941), (1011, 1962), (1034, 2001), (1066, 2049), (1073, 2058), (1091, 2082), (1114, 2100), (1145, 2157), (1194, 2214),

Gene: Nerdos_6 Start: 2402, Stop: 4048, Start Num: 73
Candidate Starts for Nerdos_6:
(Start: 73 @2402 has 95 MA's), (Start: 86 @2420 has 10 MA's), (283, 2624), (326, 2705), (400, 2840), (413, 2861), (458, 2948), (497, 3020), (510, 3044), (556, 3143), (584, 3197), (638, 3296), (673, 3356), (806, 3518), (811, 3527), (869, 3617), (901, 3644), (957, 3722), (959, 3725), (985, 3764), (1001, 3785), (1003, 3791), (1010, 3809), (1105, 3905), (1142, 3965),

Gene: Nergal_5 Start: 1844, Stop: 3613, Start Num: 80
Candidate Starts for Nergal_5:
(Start: 80 @1844 has 1 MA's), (Start: 103 @1868 has 1 MA's), (Start: 111 @1877 has 202 MA's), (164, 1937), (253, 2033), (262, 2051), (300, 2114), (326, 2159), (339, 2189), (342, 2195), (373, 2249), (400, 2300), (403, 2306), (405, 2309), (480, 2462), (514, 2519), (532, 2552), (604, 2735), (611, 2753), (689, 2861), (775, 2960), (776, 2963), (800, 3008), (813, 3035), (896, 3149), (898, 3152), (916, 3179), (929, 3200), (946, 3227), (999, 3317), (1018, 3359), (1033, 3383), (1069, 3407), (1108, 3461), (1139, 3512), (1141, 3518), (1167, 3551),

Gene: Nerujay_12 Start: 7406, Stop: 9094, Start Num: 95
Candidate Starts for Nerujay_12:
(Start: 95 @7406 has 435 MA's), (311, 7670), (323, 7694), (411, 7856), (430, 7889), (469, 7964), (510, 8054), (518, 8078), (534, 8105), (553, 8153), (591, 8222), (615, 8297), (620, 8309), (644, 8369), (819, 8603), (832, 8615), (862, 8657), (882, 8678), (908, 8705), (985, 8813), (1070, 8903), (1139, 9008),

Gene: Nesbitt_2 Start: 643, Stop: 2349, Start Num: 208
Candidate Starts for Nesbitt_2:
(Start: 182 @601 has 15 MA's), (Start: 202 @631 has 2 MA's), (Start: 208 @643 has 1 MA's), (239, 682), (256, 712), (309, 802), (324, 832), (366, 901), (370, 907), (401, 967), (411, 985), (447, 1063), (487, 1135), (492, 1141), (501, 1156), (506, 1168), (516, 1195), (541, 1261), (549, 1276), (576, 1333), (596, 1360), (627, 1447), (641, 1471), (744, 1645), (810, 1759), (821, 1780), (836, 1810), (856, 1840), (973, 2017), (979, 2032), (1003, 2080), (1011, 2101), (1114, 2233), (1142, 2287), (1145, 2290),

Gene: Nette_3 Start: 631, Stop: 2514, Start Num: 66
Candidate Starts for Nette_3:
(Start: 31 @535 has 1 MA's), (Start: 66 @631 has 7 MA's), (197, 817), (204, 829), (383, 1108), (386, 1114), (400, 1141), (411, 1159), (442, 1222), (514, 1357), (603, 1573), (606, 1582), (630, 1615), (803, 1834), (835, 1885), (837, 1888), (843, 1909), (874, 1960), (884, 1975), (931, 2047), (961, 2089), (967, 2098), (980, 2128), (985, 2137), (1010, 2188), (1022, 2209), (1067, 2308), (1072, 2314), (1081, 2326), (1141, 2419), (1150, 2434), (1152, 2437), (1206, 2497),

Gene: Netyap_4 Start: 1069, Stop: 2637, Start Num: 93
Candidate Starts for Netyap_4:
(Start: 93 @1069 has 92 MA's), (Start: 99 @1075 has 9 MA's), (228, 1231), (419, 1528), (422, 1534), (450, 1594), (494, 1666), (498, 1672), (509, 1693), (558, 1792), (591, 1840), (632, 1894), (643, 1918), (671, 1963), (676, 1969), (694, 1999), (699, 2005), (722, 2032), (729, 2041), (776, 2098), (779, 2104), (789, 2125), (790, 2131), (838, 2206), (845, 2209), (867, 2245), (912, 2290), (962, 2356), (1008, 2431), (1018, 2449), (1024, 2458), (1158, 2605), (1181, 2629), (1183, 2632),

Gene: NeumannU_3 Start: 1086, Stop: 2546, Start Num: 149
Candidate Starts for NeumannU_3:

(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (642, 1881), (649, 1896), (674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: Neville_12 Start: 4818, Stop: 6263, Start Num: 176
Candidate Starts for Neville_12:
(Start: 176 @4818 has 8 MA's), (313, 5004), (366, 5097), (417, 5178), (424, 5190), (450, 5229), (464, 5247), (470, 5256), (513, 5340), (516, 5349), (540, 5409), (559, 5427), (643, 5547), (658, 5574), (706, 5643), (738, 5673), (779, 5739), (838, 5844), (912, 5931), (932, 5955), (964, 5994), (1005, 6057), (1049, 6108), (1106, 6165),

Gene: NewHope4_2 Start: 571, Stop: 2208, Start Num: 111
Candidate Starts for NewHope4_2:
(Start: 111 @571 has 202 MA's), (Start: 118 @580 has 1 MA's), (Start: 129 @595 has 79 MA's), (Start: 158 @628 has 2 MA's), (Start: 185 @652 has 2 MA's), (188, 655), (224, 718), (244, 757), (312, 844), (352, 904), (377, 928), (381, 937), (383, 940), (392, 961), (404, 982), (415, 997), (440, 1054), (461, 1093), (502, 1162), (505, 1168), (514, 1198), (515, 1201), (518, 1210), (523, 1225), (534, 1243), (557, 1294), (601, 1387), (604, 1396), (711, 1567), (726, 1579), (800, 1663), (816, 1693), (818, 1696), (820, 1699), (869, 1756), (884, 1771), (889, 1777), (893, 1780), (901, 1795), (908, 1804), (957, 1873), (982, 1903), (988, 1912), (1006, 1945), (1014, 1963), (1024, 1978), (1069, 2005), (1094, 2038), (1112, 2065), (1114, 2068), (1127, 2089), (1139, 2113), (1142, 2122), (1145, 2125), (1184, 2182),

Gene: Newrala_15 Start: 7523, Stop: 9277, Start Num: 96
Candidate Starts for Newrala_15:
(Start: 96 @7523 has 243 MA's), (250, 7754), (283, 7805), (300, 7841), (339, 7916), (411, 8039), (432, 8078), (469, 8147), (479, 8171), (480, 8174), (510, 8237), (518, 8261), (583, 8390), (584, 8393), (623, 8504), (732, 8666), (800, 8753), (806, 8765), (812, 8777), (852, 8825), (862, 8840), (901, 8879), (916, 8900), (979, 8984), (985, 8996), (1168, 9233), (1191, 9260), (1193, 9263),

Gene: Nhonho_11 Start: 6855, Stop: 8543, Start Num: 95
Candidate Starts for Nhonho_11:
(Start: 95 @6855 has 435 MA's), (Start: 258 @7035 has 2 MA's), (311, 7119), (327, 7155), (339, 7182), (411, 7305), (469, 7413), (510, 7503), (518, 7527), (534, 7554), (553, 7602), (620, 7758), (644, 7818), (813, 8043), (819, 8052), (832, 8064), (862, 8106), (882, 8127), (908, 8154), (985, 8262), (1070, 8352), (1139, 8457),

Gene: Nibbles_6 Start: 1989, Stop: 3689, Start Num: 143
Candidate Starts for Nibbles_6:
(Start: 143 @1989 has 83 MA's), (Start: 167 @2019 has 4 MA's), (205, 2061), (300, 2199), (327, 2247), (341, 2277), (362, 2310), (378, 2346), (386, 2361), (392, 2376), (411, 2406), (434, 2457), (482, 2556), (497, 2577), (532, 2646), (550, 2688), (568, 2718), (623, 2865), (642, 2916), (685, 2979), (697, 3003), (775, 3069), (789, 3102), (796, 3126), (798, 3129), (803, 3138), (813, 3159), (834, 3186), (862, 3231), (869, 3243), (879, 3249), (901, 3270), (926, 3309), (1001, 3408), (1016, 3444), (1110, 3531), (1165, 3612), (1168, 3618), (1213, 3675), (1214, 3678),

Gene: Niblet_3 Start: 749, Stop: 2329, Start Num: 182
Candidate Starts for Niblet_3:
(Start: 134 @689 has 16 MA's), (Start: 182 @749 has 15 MA's), (Start: 246 @845 has 12 MA's), (252, 854), (255, 863), (Start: 272 @884 has 48 MA's), (313, 935), (334, 986), (342, 1001), (378, 1046), (505, 1247), (521, 1298), (534, 1322), (548, 1358), (559, 1379), (581, 1439), (593, 1469), (599, 1478), (628, 1541), (778, 1751), (787, 1769), (829, 1835), (834, 1841), (838, 1850), (862, 1880), (903, 1919), (956, 1997), (993, 2042), (1002, 2054), (1072, 2168), (1125, 2237), (1129, 2243), (1134, 2255), (1144,

2264), (1190, 2318),

Gene: Nichirin_2 Start: 581, Stop: 2218, Start Num: 111
Candidate Starts for Nichirin_2:
(Start: 103 @578 has 1 MA's), (Start: 111 @581 has 202 MA's), (Start: 129 @605 has 79 MA's), (Start: 158 @638 has 2 MA's), (Start: 185 @662 has 2 MA's), (188, 665), (224, 728), (244, 767), (312, 854), (315, 860), (352, 914), (377, 938), (381, 947), (383, 950), (392, 971), (404, 992), (440, 1064), (461, 1103), (502, 1172), (505, 1178), (514, 1208), (515, 1211), (518, 1220), (523, 1235), (534, 1253), (557, 1304), (601, 1397), (604, 1406), (711, 1577), (726, 1589), (800, 1673), (816, 1703), (818, 1706), (820, 1709), (869, 1766), (884, 1781), (889, 1787), (893, 1790), (901, 1805), (908, 1814), (957, 1883), (982, 1913), (988, 1922), (1006, 1955), (1024, 1988), (1069, 2015), (1094, 2048), (1107, 2069), (1112, 2075), (1114, 2078), (1127, 2099), (1139, 2123), (1142, 2132), (1145, 2135), (1184, 2192),

Gene: Nicholas_5 Start: 1190, Stop: 2755, Start Num: 93
Candidate Starts for Nicholas_5:
(64, 1139), (Start: 68 @1148 has 2 MA's), (Start: 93 @1190 has 92 MA's), (Start: 99 @1196 has 9 MA's), (238, 1367), (254, 1397), (313, 1472), (316, 1478), (319, 1484), (413, 1640), (419, 1649), (420, 1652), (422, 1655), (464, 1730), (494, 1784), (496, 1787), (498, 1790), (637, 2021), (685, 2096), (694, 2117), (699, 2123), (759, 2192), (776, 2216), (786, 2234), (790, 2249), (867, 2363), (907, 2402), (912, 2408), (962, 2474), (1001, 2528), (1016, 2564), (1024, 2576), (1078, 2615), (1143, 2702), (1181, 2747), (1183, 2750),

Gene: Nicholasp3_4 Start: 1069, Stop: 2637, Start Num: 93
Candidate Starts for Nicholasp3_4:
(Start: 93 @1069 has 92 MA's), (Start: 99 @1075 has 9 MA's), (228, 1231), (419, 1528), (422, 1534), (450, 1594), (494, 1666), (498, 1672), (558, 1792), (591, 1840), (632, 1894), (643, 1918), (671, 1963), (676, 1969), (694, 1999), (699, 2005), (722, 2032), (729, 2041), (776, 2098), (779, 2104), (789, 2125), (790, 2131), (838, 2206), (845, 2209), (867, 2245), (912, 2290), (962, 2356), (1008, 2431), (1018, 2449), (1024, 2458), (1158, 2605), (1181, 2629), (1183, 2632),

Gene: Nicky22_4 Start: 1151, Stop: 2779, Start Num: 171
Candidate Starts for Nicky22_4:
(Start: 171 @1151 has 84 MA's), (278, 1307), (342, 1415), (364, 1439), (390, 1484), (398, 1499), (464, 1598), (498, 1649), (521, 1712), (542, 1760), (558, 1790), (838, 2261), (1095, 2612), (1129, 2660), (1215, 2768),

Gene: NicoleTera_16 Start: 9187, Stop: 10974, Start Num: 96
Candidate Starts for NicoleTera_16:
(Start: 96 @9187 has 243 MA's), (179, 9295), (193, 9316), (227, 9382), (250, 9424), (262, 9448), (300, 9511), (408, 9706), (411, 9709), (432, 9748), (469, 9817), (510, 9907), (518, 9931), (580, 10048), (584, 10063), (800, 10450), (862, 10537), (869, 10549), (904, 10579), (916, 10597), (985, 10693), (1168, 10930), (1191, 10957), (1193, 10960), (1196, 10963), (1199, 10966),

Gene: NidoQ_2 Start: 625, Stop: 2373, Start Num: 201
Candidate Starts for NidoQ_2:
(164, 574), (180, 601), (Start: 201 @625 has 43 MA's), (266, 718), (340, 859), (344, 865), (358, 883), (364, 898), (366, 901), (437, 1039), (476, 1114), (487, 1135), (541, 1261), (596, 1363), (614, 1420), (620, 1435), (641, 1474), (802, 1747), (810, 1762), (824, 1786), (840, 1819), (942, 1969), (959, 1996), (973, 2020), (980, 2038), (994, 2068), (1003, 2083), (1008, 2098), (1023, 2125), (1042, 2152), (1066, 2176), (1073, 2185), (1114, 2236), (1142, 2290),

Gene: Niffler_3 Start: 1152, Stop: 2612, Start Num: 149
Candidate Starts for Niffler_3:

(Start: 149 @1152 has 162 MA's), (Start: 154 @1158 has 4 MA's), (Start: 272 @1320 has 48 MA's), (278, 1329), (315, 1389), (348, 1458), (366, 1479), (394, 1530), (520, 1734), (592, 1869), (642, 1947), (649, 1962), (661, 1980), (674, 1998), (703, 2040), (739, 2073), (765, 2091), (834, 2211), (835, 2214), (848, 2226), (857, 2238), (862, 2250), (905, 2301), (941, 2358), (944, 2364), (949, 2373), (958, 2382), (960, 2385), (1098, 2547), (1104, 2556), (1110, 2565), (1135, 2604),

Gene: Nightmare_7 Start: 3565, Stop: 5304, Start Num: 187
Candidate Starts for Nightmare_7:
(Start: 187 @3565 has 203 MA's), (254, 3664), (322, 3784), (376, 3883), (395, 3925), (413, 3955), (427, 3985), (444, 4033), (454, 4054), (506, 4156), (530, 4225), (539, 4249), (578, 4339), (604, 4411), (634, 4486), (644, 4510), (726, 4639), (778, 4720), (868, 4834), (876, 4852), (879, 4858), (929, 4921), (931, 4924), (1055, 5113), (1059, 5128), (1061, 5134), (1071, 5152), (1080, 5164), (1136, 5254), (1139, 5257),

Gene: NikkiHotWheels_2 Start: 625, Stop: 2373, Start Num: 201
Candidate Starts for NikkiHotWheels_2:
(164, 574), (180, 601), (Start: 201 @625 has 43 MA's), (266, 718), (344, 865), (349, 871), (364, 898), (366, 901), (377, 919), (397, 961), (437, 1039), (447, 1063), (456, 1075), (476, 1114), (487, 1135), (506, 1168), (541, 1261), (596, 1363), (614, 1420), (620, 1435), (700, 1570), (802, 1747), (810, 1762), (824, 1786), (942, 1969), (959, 1996), (973, 2020), (980, 2038), (994, 2068), (1011, 2104), (1023, 2125), (1042, 2152), (1066, 2176), (1073, 2185), (1086, 2203), (1114, 2236), (1142, 2290),

Gene: Niktson_6 Start: 3734, Stop: 5473, Start Num: 187
Candidate Starts for Niktson_6:
(Start: 187 @3734 has 203 MA's), (254, 3833), (322, 3953), (376, 4052), (395, 4094), (413, 4124), (427, 4154), (444, 4202), (454, 4223), (506, 4325), (530, 4394), (539, 4418), (578, 4508), (604, 4580), (634, 4655), (644, 4679), (704, 4784), (726, 4808), (778, 4889), (868, 5003), (876, 5021), (879, 5027), (929, 5090), (931, 5093), (1055, 5282), (1059, 5297), (1071, 5321), (1080, 5333), (1136, 5423), (1139, 5426),

Gene: Nimbo_2 Start: 571, Stop: 2208, Start Num: 111
Candidate Starts for Nimbo_2:
(Start: 111 @571 has 202 MA's), (Start: 118 @580 has 1 MA's), (Start: 129 @595 has 79 MA's), (Start: 185 @652 has 2 MA's), (188, 655), (224, 718), (244, 757), (312, 844), (352, 904), (369, 916), (377, 928), (381, 937), (383, 940), (392, 961), (404, 982), (440, 1054), (461, 1093), (502, 1162), (505, 1168), (514, 1198), (515, 1201), (518, 1210), (523, 1225), (534, 1243), (557, 1294), (601, 1387), (604, 1396), (711, 1567), (726, 1579), (800, 1663), (816, 1693), (818, 1696), (820, 1699), (869, 1756), (884, 1771), (889, 1777), (893, 1780), (901, 1795), (908, 1804), (957, 1873), (982, 1903), (988, 1912), (1006, 1945), (1024, 1978), (1069, 2005), (1094, 2038), (1114, 2068), (1127, 2089), (1139, 2113), (1142, 2122), (1145, 2125), (1184, 2182),

Gene: Nina_4 Start: 1113, Stop: 2792, Start Num: 143
Candidate Starts for Nina_4:
(Start: 143 @1113 has 83 MA's), (Start: 191 @1164 has 2 MA's), (205, 1185), (254, 1230), (300, 1311), (334, 1377), (339, 1386), (378, 1458), (386, 1473), (405, 1509), (411, 1518), (434, 1569), (482, 1668), (513, 1722), (532, 1758), (598, 1902), (609, 1938), (623, 1977), (635, 2010), (661, 2058), (685, 2091), (697, 2115), (738, 2148), (776, 2181), (798, 2238), (803, 2247), (859, 2331), (929, 2418), (1001, 2514), (1072, 2586), (1081, 2598), (1165, 2718), (1213, 2778), (1214, 2781),

Gene: Niobe_2 Start: 534, Stop: 2240, Start Num: 95
Candidate Starts for Niobe_2:
(Start: 95 @534 has 435 MA's), (Start: 191 @621 has 2 MA's), (379, 906), (411, 963), (422, 984), (436, 1011), (482, 1101), (513, 1155), (532, 1200), (570, 1275), (604, 1365), (687, 1488), (710, 1527), (800,

1650), (929, 1830), (954, 1863), (985, 1905), (997, 1920), (1081, 2055), (1105, 2091), (1142, 2151), (1150, 2163),

Gene: Nishikigoi_6 Start: 2173, Stop: 3822, Start Num: 73
Candidate Starts for Nishikigoi_6:
(Start: 73 @2173 has 95 MA's), (Start: 182 @2290 has 15 MA's), (262, 2371), (283, 2398), (311, 2446), (326, 2479), (334, 2500), (386, 2587), (400, 2614), (413, 2635), (437, 2680), (458, 2722), (497, 2794), (510, 2818), (556, 2917), (574, 2953), (584, 2971), (647, 3091), (648, 3094), (673, 3130), (743, 3211), (811, 3301), (817, 3313), (852, 3364), (901, 3418), (985, 3538), (1001, 3559), (1008, 3580), (1010, 3583), (1081, 3643), (1142, 3739), (1204, 3817),

Gene: Nithya_17 Start: 10501, Stop: 12246, Start Num: 187
Candidate Starts for Nithya_17:
(Start: 187 @10501 has 203 MA's), (195, 10507), (252, 10594), (254, 10600), (274, 10636), (302, 10690), (309, 10696), (361, 10792), (395, 10867), (444, 10975), (454, 10996), (492, 11065), (530, 11167), (555, 11224), (578, 11281), (582, 11293), (604, 11353), (644, 11452), (647, 11458), (682, 11515), (726, 11581), (863, 11767), (868, 11776), (899, 11818), (916, 11842), (929, 11863), (931, 11866), (1069, 12091), (1071, 12094), (1080, 12106), (1136, 12196), (1139, 12199),

Gene: Nitro_2 Start: 535, Stop: 2241, Start Num: 95
Candidate Starts for Nitro_2:
(Start: 95 @535 has 435 MA's), (Start: 176 @601 has 8 MA's), (Start: 191 @622 has 2 MA's), (379, 907), (411, 964), (436, 1012), (482, 1102), (513, 1156), (532, 1201), (570, 1276), (604, 1366), (710, 1528), (800, 1651), (929, 1831), (985, 1906), (997, 1921), (1081, 2056), (1142, 2152), (1150, 2164),

Gene: Nitzel_3 Start: 1235, Stop: 2872, Start Num: 111
Candidate Starts for Nitzel_3:
(Start: 103 @1232 has 1 MA's), (Start: 111 @1235 has 202 MA's), (Start: 129 @1259 has 79 MA's), (133, 1265), (147, 1280), (Start: 158 @1292 has 2 MA's), (Start: 185 @1316 has 2 MA's), (188, 1319), (224, 1382), (230, 1400), (244, 1421), (312, 1508), (315, 1514), (352, 1568), (369, 1580), (377, 1592), (381, 1601), (383, 1604), (392, 1625), (404, 1646), (415, 1661), (440, 1718), (461, 1757), (502, 1826), (505, 1832), (514, 1862), (515, 1865), (518, 1874), (523, 1889), (534, 1907), (557, 1958), (604, 2060), (711, 2231), (726, 2243), (748, 2261), (800, 2327), (816, 2357), (818, 2360), (820, 2363), (869, 2420), (884, 2435), (889, 2441), (893, 2444), (901, 2459), (908, 2468), (957, 2537), (982, 2567), (988, 2576), (1006, 2609), (1024, 2642), (1069, 2669), (1094, 2702), (1112, 2729), (1114, 2732), (1127, 2753), (1139, 2777), (1142, 2786), (1145, 2789), (1184, 2846),

Gene: Nivinsha_7 Start: 3594, Stop: 5333, Start Num: 187
Candidate Starts for Nivinsha_7:
(Start: 187 @3594 has 203 MA's), (254, 3693), (322, 3813), (376, 3912), (395, 3954), (413, 3984), (427, 4014), (444, 4062), (454, 4083), (506, 4185), (530, 4254), (539, 4278), (578, 4368), (604, 4440), (634, 4515), (644, 4539), (726, 4668), (778, 4749), (868, 4863), (876, 4881), (879, 4887), (929, 4950), (931, 4953), (1055, 5142), (1059, 5157), (1061, 5163), (1071, 5181), (1080, 5193), (1136, 5283), (1139, 5286),

Gene: Nivrat_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for Nivrat_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (147, 617), (Start: 185 @653 has 2 MA's), (188, 656), (200, 674), (224, 719), (244, 758), (312, 845), (315, 851), (352, 905), (369, 917), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (601, 1388), (604, 1397), (711, 1568), (726, 1580), (748, 1598), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805),

(957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1024, 1979), (1069, 2006), (1094, 2039), (1112, 2066), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: Niza_13 Start: 8083, Stop: 9771, Start Num: 107
Candidate Starts for Niza_13:
(Start: 107 @8083 has 24 MA's), (253, 8254), (Start: 258 @8263 has 2 MA's), (311, 8347), (324, 8374), (327, 8383), (411, 8533), (430, 8566), (469, 8641), (510, 8731), (518, 8755), (534, 8782), (553, 8830), (591, 8899), (620, 8986), (622, 8995), (644, 9046), (819, 9280), (832, 9292), (862, 9334), (882, 9355), (908, 9382), (985, 9490), (1070, 9580), (1139, 9685),

Gene: NoPickles_13 Start: 7213, Stop: 8958, Start Num: 187
Candidate Starts for NoPickles_13:
(Start: 187 @7213 has 203 MA's), (195, 7219), (252, 7306), (254, 7312), (274, 7348), (302, 7402), (444, 7687), (451, 7705), (454, 7708), (492, 7777), (530, 7879), (545, 7915), (555, 7936), (570, 7960), (588, 8017), (604, 8065), (630, 8131), (644, 8164), (647, 8170), (665, 8200), (680, 8221), (726, 8293), (868, 8488), (916, 8554), (929, 8575), (931, 8578), (968, 8638), (1045, 8749), (1060, 8785), (1071, 8806), (1080, 8818), (1114, 8866), (1136, 8908), (1139, 8911),

Gene: NoShow_2 Start: 679, Stop: 2346, Start Num: 143
Candidate Starts for NoShow_2:
(Start: 143 @679 has 83 MA's), (Start: 158 @697 has 2 MA's), (200, 742), (283, 835), (300, 871), (386, 1033), (411, 1078), (423, 1099), (434, 1126), (497, 1243), (514, 1279), (550, 1354), (704, 1678), (749, 1714), (776, 1738), (807, 1813), (859, 1885), (885, 1915), (901, 1930), (922, 1963), (959, 2011), (981, 2041), (1001, 2068), (1011, 2095), (1047, 2116), (1122, 2218), (1145, 2257),

Gene: NoSleep_9 Start: 2462, Stop: 4132, Start Num: 272
Candidate Starts for NoSleep_9:
(Start: 272 @2462 has 48 MA's), (309, 2525), (435, 2759), (487, 2861), (570, 3041), (576, 3065), (585, 3083), (595, 3095), (616, 3158), (621, 3170), (642, 3215), (649, 3230), (700, 3308), (728, 3353), (759, 3407), (760, 3413), (814, 3527), (910, 3671), (933, 3707), (1014, 3860), (1022, 3872), (1065, 3929), (1091, 3965), (1124, 4016), (1142, 4052), (1145, 4055), (1193, 4121),

Gene: NoSwimming_4 Start: 2180, Stop: 3946, Start Num: 194
Candidate Starts for NoSwimming_4:
(Start: 194 @2180 has 4 MA's), (259, 2303), (261, 2306), (301, 2381), (318, 2408), (336, 2450), (383, 2519), (401, 2552), (406, 2564), (456, 2660), (526, 2807), (595, 2942), (597, 2948), (626, 3029), (641, 3056), (642, 3059), (826, 3374), (841, 3404), (899, 3482), (1011, 3677), (1017, 3689), (1066, 3764), (1073, 3773), (1086, 3791), (1202, 3935),

Gene: Nobel_3 Start: 1179, Stop: 2639, Start Num: 149
Candidate Starts for Nobel_3:
(Start: 149 @1179 has 162 MA's), (Start: 154 @1185 has 4 MA's), (Start: 272 @1347 has 48 MA's), (278, 1356), (315, 1416), (348, 1485), (366, 1506), (394, 1557), (520, 1761), (592, 1896), (642, 1974), (649, 1989), (661, 2007), (674, 2025), (703, 2067), (739, 2100), (765, 2118), (834, 2238), (835, 2241), (848, 2253), (857, 2265), (862, 2277), (905, 2328), (941, 2385), (944, 2391), (949, 2400), (958, 2409), (960, 2412), (1098, 2574), (1104, 2583), (1110, 2592), (1135, 2631),

Gene: Nodigi_5 Start: 1094, Stop: 2791, Start Num: 140
Candidate Starts for Nodigi_5:
(Start: 140 @1094 has 9 MA's), (Start: 191 @1148 has 2 MA's), (205, 1169), (219, 1196), (300, 1307), (341, 1385), (381, 1460), (386, 1469), (411, 1514), (413, 1517), (434, 1565), (438, 1577), (482, 1664), (532, 1754), (574, 1844), (598, 1898), (697, 2111), (708, 2126), (724, 2135), (776, 2177), (803, 2243), (806, 2249), (834, 2291), (858, 2324), (862, 2333), (959, 2453), (1001, 2510), (1008, 2531), (1047,

2558), (1098, 2618), (1141, 2687), (1142, 2690), (1179, 2735), (1213, 2777), (1214, 2780),

Gene: Noelani_3 Start: 1062, Stop: 2522, Start Num: 149
Candidate Starts for Noelani_3:
(Start: 149 @1062 has 162 MA's), (Start: 154 @1068 has 4 MA's), (Start: 272 @1230 has 48 MA's), (278, 1239), (315, 1299), (348, 1368), (366, 1389), (394, 1440), (520, 1644), (592, 1779), (642, 1857), (649, 1872), (661, 1890), (674, 1908), (703, 1950), (739, 1983), (765, 2001), (834, 2121), (835, 2124), (848, 2136), (857, 2148), (862, 2160), (905, 2211), (941, 2268), (944, 2274), (949, 2283), (958, 2292), (960, 2295), (1098, 2457), (1104, 2466), (1110, 2475), (1135, 2514),

Gene: Noella_12 Start: 7044, Stop: 8741, Start Num: 95
Candidate Starts for Noella_12:
(Start: 95 @7044 has 435 MA's), (Start: 122 @7068 has 1 MA's), (311, 7314), (403, 7488), (411, 7500), (432, 7539), (438, 7551), (469, 7608), (479, 7632), (510, 7698), (513, 7707), (550, 7788), (570, 7821), (620, 7953), (623, 7965), (647, 8019), (661, 8040), (685, 8073), (732, 8127), (800, 8214), (812, 8238), (813, 8241), (817, 8247), (825, 8256), (862, 8304), (901, 8343), (904, 8346), (916, 8364), (985, 8460), (1014, 8514), (1145, 8667), (1168, 8697), (1193, 8727), (1196, 8730),

Gene: Noelle_11 Start: 6950, Stop: 8647, Start Num: 95
Candidate Starts for Noelle_11:
(Start: 95 @6950 has 435 MA's), (Start: 122 @6974 has 1 MA's), (Start: 169 @7046 has 6 MA's), (311, 7220), (408, 7403), (411, 7406), (432, 7445), (469, 7514), (479, 7538), (510, 7604), (550, 7694), (620, 7859), (638, 7904), (661, 7946), (685, 7979), (775, 8072), (798, 8117), (800, 8120), (812, 8144), (813, 8147), (862, 8210), (901, 8249), (916, 8270), (985, 8366), (1168, 8603), (1193, 8633), (1196, 8636),

Gene: NonchalantPear_8 Start: 2214, Stop: 3884, Start Num: 272
Candidate Starts for NonchalantPear_8:
(Start: 272 @2214 has 48 MA's), (309, 2277), (435, 2511), (487, 2613), (570, 2793), (576, 2817), (585, 2835), (595, 2847), (616, 2910), (621, 2922), (642, 2967), (649, 2982), (700, 3060), (728, 3105), (759, 3159), (760, 3165), (814, 3279), (841, 3327), (910, 3423), (922, 3444), (933, 3459), (1014, 3612), (1022, 3624), (1065, 3681), (1091, 3717), (1124, 3768), (1142, 3804), (1145, 3807), (1193, 3873),

Gene: Norbert_11 Start: 7044, Stop: 8741, Start Num: 95
Candidate Starts for Norbert_11:
(Start: 95 @7044 has 435 MA's), (Start: 122 @7068 has 1 MA's), (311, 7314), (403, 7488), (411, 7500), (432, 7539), (438, 7551), (469, 7608), (479, 7632), (510, 7698), (513, 7707), (550, 7788), (570, 7821), (620, 7953), (623, 7965), (647, 8019), (661, 8040), (685, 8073), (732, 8127), (800, 8214), (812, 8238), (813, 8241), (817, 8247), (825, 8256), (862, 8304), (901, 8343), (904, 8346), (916, 8364), (985, 8460), (1014, 8514), (1145, 8667), (1168, 8697), (1193, 8727), (1196, 8730),

Gene: NormanBulbieJr_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for NormanBulbieJr_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (147, 617), (Start: 158 @629 has 2 MA's), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (244, 758), (312, 845), (352, 905), (369, 917), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (415, 998), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (601, 1388), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1024, 1979), (1069, 2006), (1094, 2039), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: NorthStar_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for NorthStar_11:

(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Northrop_11 Start: 6883, Stop: 8580, Start Num: 95
Candidate Starts for Northrop_11:
(Start: 95 @6883 has 435 MA's), (Start: 122 @6907 has 1 MA's), (Start: 207 @7030 has 2 MA's), (293, 7120), (311, 7153), (362, 7252), (408, 7336), (411, 7339), (432, 7378), (469, 7447), (479, 7471), (510, 7537), (550, 7627), (620, 7792), (661, 7879), (685, 7912), (740, 7978), (798, 8050), (800, 8053), (812, 8077), (852, 8128), (862, 8143), (901, 8182), (916, 8203), (985, 8299), (1168, 8536), (1193, 8566), (1196, 8569),

Gene: Norz_13 Start: 7718, Stop: 9406, Start Num: 95
Candidate Starts for Norz_13:
(Start: 95 @7718 has 435 MA's), (311, 7982), (323, 8006), (411, 8168), (430, 8201), (469, 8276), (510, 8366), (518, 8390), (553, 8465), (620, 8621), (644, 8681), (819, 8915), (832, 8927), (862, 8969), (882, 8990), (908, 9017), (985, 9125), (1070, 9215), (1139, 9320),

Gene: NosilaM_27 Start: 12802, Stop: 14526, Start Num: 115
Candidate Starts for NosilaM_27:
(Start: 111 @12796 has 202 MA's), (Start: 115 @12802 has 2 MA's), (222, 12946), (247, 12997), (251, 13003), (Start: 272 @13030 has 48 MA's), (281, 13042), (299, 13072), (315, 13096), (324, 13114), (514, 13507), (523, 13534), (604, 13702), (608, 13714), (621, 13747), (675, 13825), (839, 14041), (855, 14071), (893, 14122), (922, 14170), (988, 14245), (996, 14257), (1013, 14293), (1139, 14431), (1157, 14461),

Gene: NotAPhaseMom_11 Start: 6888, Stop: 8585, Start Num: 95
Candidate Starts for NotAPhaseMom_11:
(Start: 95 @6888 has 435 MA's), (Start: 122 @6912 has 1 MA's), (Start: 207 @7035 has 2 MA's), (293, 7125), (311, 7158), (362, 7257), (408, 7341), (411, 7344), (432, 7383), (469, 7452), (479, 7476), (510, 7542), (550, 7632), (620, 7797), (661, 7884), (685, 7917), (740, 7983), (798, 8055), (800, 8058), (812, 8082), (852, 8133), (862, 8148), (901, 8187), (916, 8208), (985, 8304), (1168, 8541), (1193, 8571), (1196, 8574),

Gene: NothingSpecial_14 Start: 9458, Stop: 11239, Start Num: 96
Candidate Starts for NothingSpecial_14:
(Start: 96 @9458 has 243 MA's), (200, 9590), (250, 9689), (408, 9971), (411, 9974), (432, 10013), (469, 10082), (510, 10172), (518, 10196), (570, 10295), (584, 10328), (733, 10628), (800, 10715), (817, 10748), (869, 10814), (916, 10862), (979, 10946), (985, 10958), (1168, 11195), (1191, 11222), (1193, 11225),

Gene: NovoPizza_3 Start: 1933, Stop: 3579, Start Num: 61
Candidate Starts for NovoPizza_3:
(42, 1885), (47, 1897), (56, 1924), (Start: 61 @1933 has 21 MA's), (Start: 141 @2005 has 2 MA's), (156, 2020), (166, 2035), (180, 2053), (235, 2122), (Start: 280 @2191 has 2 MA's), (313, 2230), (366, 2320), (387, 2356), (427, 2419), (468, 2497), (540, 2656), (558, 2683), (559, 2686), (564, 2695), (621, 2761), (653, 2812), (767, 2971), (768, 2974), (771, 2977), (789, 3016), (792, 3028), (829, 3082), (854, 3112), (861, 3127), (867, 3139), (898, 3169), (932, 3211), (936, 3217), (939, 3220), (972, 3265), (979, 3271), (999, 3298), (1005, 3313), (1046, 3364), (1095, 3421), (1116, 3445), (1123, 3460), (1126, 3463), (1177, 3526), (1203, 3559),

Gene: NovumRegina_24 Start: 12509, Stop: 14236, Start Num: 110
Candidate Starts for NovumRegina_24:
(22, 12275), (49, 12404), (Start: 110 @12509 has 12 MA's), (222, 12659), (247, 12710), (251, 12716), (281, 12755), (299, 12785), (315, 12809), (324, 12827), (332, 12854), (359, 12917), (369, 12935), (514, 13220), (523, 13247), (565, 13331), (604, 13415), (608, 13427), (621, 13460), (675, 13538), (741, 13616), (800, 13688), (818, 13721), (855, 13784), (869, 13811), (893, 13835), (908, 13859), (988, 13958), (1013, 14006), (1139, 14144), (1157, 14174), (1200, 14228),

Gene: Noxious_13 Start: 7751, Stop: 9439, Start Num: 95
Candidate Starts for Noxious_13:
(Start: 95 @7751 has 435 MA's), (Start: 258 @7931 has 2 MA's), (311, 8015), (327, 8051), (339, 8078), (411, 8201), (430, 8234), (469, 8309), (510, 8399), (518, 8423), (534, 8450), (553, 8498), (591, 8567), (615, 8642), (620, 8654), (622, 8663), (644, 8714), (813, 8939), (819, 8948), (832, 8960), (862, 9002), (882, 9023), (908, 9050), (985, 9158), (1070, 9248), (1139, 9353),

Gene: Nubia_5 Start: 3068, Stop: 4633, Start Num: 129
Candidate Starts for Nubia_5:
(Start: 129 @3068 has 79 MA's), (Start: 246 @3242 has 12 MA's), (Start: 268 @3278 has 4 MA's), (313, 3332), (317, 3341), (329, 3371), (330, 3374), (338, 3389), (342, 3398), (425, 3524), (496, 3653), (500, 3659), (521, 3719), (548, 3779), (625, 3878), (637, 3908), (642, 3923), (672, 3971), (768, 4091), (804, 4166), (861, 4235), (923, 4310), (939, 4331), (982, 4352), (1022, 4421), (1095, 4499), (1122, 4538), (1144, 4568), (1151, 4580), (1192, 4619), (1204, 4628),

Gene: Nymphadora_2 Start: 498, Stop: 2222, Start Num: 201
Candidate Starts for Nymphadora_2:
(Start: 190 @483 has 1 MA's), (Start: 201 @498 has 43 MA's), (259, 588), (383, 804), (393, 828), (397, 834), (411, 858), (438, 915), (476, 987), (571, 1185), (590, 1227), (596, 1233), (626, 1317), (641, 1344), (711, 1455), (725, 1482), (826, 1659), (999, 1932), (1001, 1935), (1003, 1941), (1011, 1962), (1034, 2001), (1066, 2049), (1073, 2058), (1091, 2082), (1114, 2100), (1145, 2157), (1194, 2214),

Gene: Nyxis_11 Start: 6830, Stop: 8527, Start Num: 95
Candidate Starts for Nyxis_11:
(24, 6644), (27, 6653), (30, 6671), (35, 6701), (Start: 95 @6830 has 435 MA's), (Start: 122 @6854 has 1 MA's), (Start: 207 @6977 has 2 MA's), (293, 7067), (311, 7100), (362, 7199), (408, 7283), (411, 7286), (432, 7325), (469, 7394), (479, 7418), (510, 7484), (550, 7574), (620, 7739), (661, 7826), (685, 7859), (740, 7925), (798, 7997), (800, 8000), (812, 8024), (852, 8075), (862, 8090), (901, 8129), (916, 8150), (985, 8246), (1168, 8483), (1193, 8513), (1196, 8516),

Gene: OBUpride_5 Start: 1855, Stop: 3489, Start Num: 61
Candidate Starts for OBUpride_5:
(Start: 61 @1855 has 21 MA's), (Start: 98 @1894 has 3 MA's), (156, 1942), (Start: 280 @2113 has 2 MA's), (313, 2152), (421, 2332), (427, 2341), (431, 2350), (464, 2413), (468, 2419), (511, 2503), (512, 2506), (513, 2509), (558, 2605), (559, 2608), (564, 2617), (621, 2683), (643, 2713), (658, 2740), (685, 2773), (696, 2794), (698, 2797), (767, 2893), (779, 2914), (829, 3004), (859, 3046), (869, 3064), (872, 3070), (932, 3133), (936, 3139), (939, 3142), (972, 3187), (979, 3193), (999, 3220), (1005, 3235), (1046, 3286), (1053, 3295), (1068, 3310), (1070, 3313), (1102, 3352), (1116, 3367), (1123, 3382), (1126, 3385), (1197, 3463), (1203, 3469),

Gene: OKCentral2016_11 Start: 6407, Stop: 8080, Start Num: 95
Candidate Starts for OKCentral2016_11:
(Start: 95 @6407 has 435 MA's), (Start: 207 @6536 has 2 MA's), (267, 6602), (311, 6668), (330, 6713), (362, 6767), (386, 6809), (411, 6854), (432, 6893), (458, 6941), (469, 6962), (479, 6986), (510, 7037), (570, 7160), (598, 7229), (626, 7307), (650, 7367), (685, 7412), (740, 7478), (798, 7550), (800, 7553),

(812, 7577), (862, 7643), (901, 7682), (904, 7685), (916, 7703), (985, 7799), (1024, 7868), (1168, 8036), (1193, 8066), (1196, 8069),

Gene: OKaNui_11 Start: 6649, Stop: 8346, Start Num: 95
Candidate Starts for OKaNui_11:
(Start: 95 @6649 has 435 MA's), (Start: 122 @6673 has 1 MA's), (Start: 207 @6796 has 2 MA's), (293, 6886), (311, 6919), (362, 7018), (408, 7102), (411, 7105), (432, 7144), (469, 7213), (479, 7237), (510, 7303), (550, 7393), (620, 7558), (661, 7645), (685, 7678), (740, 7744), (798, 7816), (800, 7819), (812, 7843), (862, 7909), (901, 7948), (916, 7969), (985, 8065), (1167, 8299), (1168, 8302), (1193, 8332), (1196, 8335),

Gene: OMalley_2 Start: 429, Stop: 1994, Start Num: 129
Candidate Starts for OMalley_2:
(Start: 129 @429 has 79 MA's), (Start: 245 @600 has 2 MA's), (313, 693), (342, 759), (364, 783), (394, 837), (464, 966), (521, 1080), (548, 1140), (564, 1170), (637, 1269), (642, 1284), (692, 1365), (768, 1452), (804, 1527), (806, 1530), (834, 1560), (907, 1644), (939, 1692), (983, 1716), (1054, 1806), (1095, 1860), (1151, 1941), (1192, 1980),

Gene: Oaklynn_3 Start: 1074, Stop: 2534, Start Num: 149
Candidate Starts for Oaklynn_3:
(Start: 149 @1074 has 162 MA's), (Start: 154 @1080 has 4 MA's), (Start: 272 @1242 has 48 MA's), (278, 1251), (315, 1311), (348, 1380), (366, 1401), (394, 1452), (520, 1656), (592, 1791), (642, 1869), (649, 1884), (674, 1920), (703, 1962), (739, 1995), (765, 2013), (834, 2133), (835, 2136), (848, 2148), (905, 2223), (944, 2286), (958, 2304), (960, 2307), (1098, 2469), (1104, 2478), (1110, 2487), (1135, 2526),

Gene: Obama12_11 Start: 6863, Stop: 8560, Start Num: 95
Candidate Starts for Obama12_11:
(Start: 95 @6863 has 435 MA's), (Start: 122 @6887 has 1 MA's), (Start: 207 @7010 has 2 MA's), (293, 7100), (311, 7133), (408, 7316), (411, 7319), (432, 7358), (469, 7427), (479, 7451), (510, 7517), (550, 7607), (620, 7772), (661, 7859), (685, 7892), (740, 7958), (798, 8030), (812, 8057), (852, 8108), (862, 8123), (901, 8162), (916, 8183), (985, 8279), (1168, 8516), (1193, 8546), (1196, 8549),

Gene: ObiToo_2 Start: 546, Stop: 2252, Start Num: 95
Candidate Starts for ObiToo_2:
(10, 243), (Start: 95 @546 has 435 MA's), (Start: 176 @612 has 8 MA's), (379, 918), (411, 975), (436, 1023), (482, 1113), (513, 1167), (532, 1212), (570, 1287), (710, 1539), (929, 1842), (959, 1881), (985, 1917), (997, 1932), (1081, 2067), (1142, 2163), (1150, 2175),

Gene: Ochi17_2 Start: 581, Stop: 2218, Start Num: 111
Candidate Starts for Ochi17_2:
(Start: 103 @578 has 1 MA's), (Start: 111 @581 has 202 MA's), (Start: 129 @605 has 79 MA's), (Start: 158 @638 has 2 MA's), (Start: 185 @662 has 2 MA's), (188, 665), (224, 728), (244, 767), (312, 854), (315, 860), (352, 914), (377, 938), (381, 947), (383, 950), (392, 971), (404, 992), (440, 1064), (461, 1103), (502, 1172), (505, 1178), (514, 1208), (515, 1211), (518, 1220), (523, 1235), (534, 1253), (557, 1304), (601, 1397), (604, 1406), (711, 1577), (726, 1589), (800, 1673), (816, 1703), (818, 1706), (820, 1709), (869, 1766), (884, 1781), (889, 1787), (893, 1790), (901, 1805), (908, 1814), (957, 1883), (982, 1913), (988, 1922), (1006, 1955), (1024, 1988), (1069, 2015), (1094, 2048), (1107, 2069), (1112, 2075), (1114, 2078), (1127, 2099), (1139, 2123), (1142, 2132), (1145, 2135), (1184, 2192),

Gene: Octobien14_13 Start: 6018, Stop: 7493, Start Num: 176
Candidate Starts for Octobien14_13:

(Start: 176 @6018 has 8 MA's), (281, 6165), (313, 6204), (319, 6216), (390, 6339), (464, 6480), (466, 6483), (500, 6540), (516, 6582), (520, 6594), (532, 6618), (540, 6642), (558, 6657), (559, 6660), (572, 6684), (676, 6828), (685, 6837), (694, 6858), (738, 6906), (785, 6981), (788, 6987), (804, 7032), (822, 7056), (834, 7065), (851, 7083), (861, 7101), (930, 7182), (939, 7194), (964, 7224), (968, 7230), (1024, 7320), (1049, 7338), (1134, 7437), (1146, 7455), (1173, 7485),

Gene: Octopus_3 Start: 1074, Stop: 2534, Start Num: 149
Candidate Starts for Octopus_3:
(Start: 149 @1074 has 162 MA's), (Start: 154 @1080 has 4 MA's), (Start: 272 @1242 has 48 MA's), (278, 1251), (315, 1311), (348, 1380), (366, 1401), (394, 1452), (520, 1656), (642, 1869), (649, 1884), (674, 1920), (703, 1962), (739, 1995), (765, 2013), (834, 2133), (835, 2136), (848, 2148), (905, 2223), (944, 2286), (958, 2304), (960, 2307), (1098, 2469), (1104, 2478), (1110, 2487), (1135, 2526),

Gene: Odesza_13 Start: 7213, Stop: 8958, Start Num: 187
Candidate Starts for Odesza_13:
(Start: 187 @7213 has 203 MA's), (195, 7219), (252, 7306), (254, 7312), (274, 7348), (302, 7402), (444, 7687), (451, 7705), (454, 7708), (492, 7777), (530, 7879), (545, 7915), (555, 7936), (570, 7960), (588, 8017), (604, 8065), (630, 8131), (644, 8164), (647, 8170), (665, 8200), (680, 8221), (726, 8293), (868, 8488), (916, 8554), (929, 8575), (931, 8578), (968, 8638), (1045, 8749), (1060, 8785), (1071, 8806), (1080, 8818), (1114, 8866), (1136, 8908), (1139, 8911),

Gene: OdetoJoy_3 Start: 1155, Stop: 2615, Start Num: 149
Candidate Starts for OdetoJoy_3:
(Start: 149 @1155 has 162 MA's), (Start: 154 @1161 has 4 MA's), (Start: 272 @1323 has 48 MA's), (278, 1332), (315, 1392), (348, 1461), (366, 1482), (394, 1533), (520, 1737), (592, 1872), (642, 1950), (649, 1965), (674, 2001), (703, 2043), (739, 2076), (765, 2094), (834, 2214), (835, 2217), (848, 2229), (905, 2304), (944, 2367), (958, 2385), (960, 2388), (1098, 2550), (1104, 2559), (1110, 2568),

Gene: Odin_11 Start: 6300, Stop: 8084, Start Num: 96
Candidate Starts for Odin_11:
(Start: 96 @6300 has 243 MA's), (250, 6531), (300, 6618), (386, 6771), (408, 6813), (411, 6816), (469, 6927), (479, 6951), (480, 6954), (510, 7017), (518, 7041), (584, 7173), (622, 7281), (901, 7686), (916, 7707), (979, 7791), (985, 7803), (1083, 7911), (1168, 8040), (1191, 8067), (1193, 8070),

Gene: OfUltron_2 Start: 605, Stop: 2218, Start Num: 129
Candidate Starts for OfUltron_2:
(Start: 103 @578 has 1 MA's), (Start: 111 @581 has 202 MA's), (Start: 129 @605 has 79 MA's), (Start: 158 @638 has 2 MA's), (Start: 185 @662 has 2 MA's), (188, 665), (224, 728), (244, 767), (312, 854), (315, 860), (352, 914), (377, 938), (381, 947), (383, 950), (392, 971), (404, 992), (440, 1064), (461, 1103), (502, 1172), (505, 1178), (514, 1208), (515, 1211), (518, 1220), (523, 1235), (534, 1253), (557, 1304), (601, 1397), (604, 1406), (711, 1577), (726, 1589), (800, 1673), (816, 1703), (818, 1706), (820, 1709), (869, 1766), (884, 1781), (889, 1787), (893, 1790), (901, 1805), (908, 1814), (957, 1883), (982, 1913), (988, 1922), (1006, 1955), (1024, 1988), (1069, 2015), (1094, 2048), (1107, 2069), (1112, 2075), (1114, 2078), (1127, 2099), (1139, 2123), (1142, 2132), (1145, 2135), (1184, 2192),

Gene: OhMyWard_17 Start: 10313, Stop: 12058, Start Num: 187
Candidate Starts for OhMyWard_17:
(Start: 187 @10313 has 203 MA's), (195, 10319), (252, 10406), (254, 10412), (274, 10448), (302, 10502), (323, 10535), (388, 10661), (444, 10787), (451, 10805), (454, 10808), (492, 10877), (530, 10979), (582, 11105), (604, 11165), (644, 11264), (647, 11270), (665, 11300), (682, 11327), (726, 11393), (778, 11474), (807, 11531), (847, 11552), (868, 11588), (899, 11630), (916, 11654), (929, 11675), (931, 11678), (1071, 11906), (1080, 11918), (1094, 11936), (1136, 12008), (1139, 12011),

Gene: OhShagHennessy_4 Start: 1031, Stop: 2608, Start Num: 99
Candidate Starts for OhShagHennessy_4:
(Start: 93 @1025 has 92 MA's), (Start: 99 @1031 has 9 MA's), (238, 1202), (304, 1289), (313, 1307), (316, 1313), (330, 1349), (420, 1487), (422, 1490), (464, 1565), (496, 1622), (498, 1625), (591, 1793), (632, 1847), (637, 1856), (643, 1871), (653, 1892), (685, 1931), (694, 1952), (699, 1958), (722, 1985), (759, 2027), (776, 2051), (786, 2069), (789, 2078), (790, 2084), (804, 2117), (834, 2150), (862, 2189), (865, 2195), (867, 2198), (912, 2243), (962, 2309), (999, 2360), (1008, 2384), (1016, 2399), (1018, 2402), (1125, 2504), (1140, 2531), (1181, 2582), (1183, 2585),

Gene: Ohfah_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Ohfah_11:
(27, 6707), (30, 6725), (35, 6755), (Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Ohno789_10 Start: 6399, Stop: 8087, Start Num: 95
Candidate Starts for Ohno789_10:
(Start: 95 @6399 has 435 MA's), (Start: 258 @6579 has 2 MA's), (311, 6663), (327, 6699), (339, 6726), (411, 6849), (469, 6957), (510, 7047), (518, 7071), (534, 7098), (553, 7146), (591, 7215), (615, 7290), (620, 7302), (644, 7362), (813, 7587), (819, 7596), (832, 7608), (862, 7650), (882, 7671), (908, 7698), (985, 7806), (1070, 7896), (1100, 7938), (1167, 8040),

Gene: Okabe_4 Start: 1235, Stop: 2872, Start Num: 111
Candidate Starts for Okabe_4:
(Start: 103 @1232 has 1 MA's), (Start: 111 @1235 has 202 MA's), (Start: 129 @1259 has 79 MA's), (133, 1265), (147, 1280), (Start: 158 @1292 has 2 MA's), (Start: 185 @1316 has 2 MA's), (188, 1319), (224, 1382), (230, 1400), (244, 1421), (312, 1508), (315, 1514), (352, 1568), (369, 1580), (377, 1592), (381, 1601), (383, 1604), (392, 1625), (404, 1646), (415, 1661), (440, 1718), (461, 1757), (502, 1826), (505, 1832), (514, 1862), (515, 1865), (518, 1874), (523, 1889), (534, 1907), (557, 1958), (604, 2060), (711, 2231), (726, 2243), (748, 2261), (800, 2327), (816, 2357), (818, 2360), (820, 2363), (869, 2420), (884, 2435), (889, 2441), (893, 2444), (901, 2459), (908, 2468), (957, 2537), (982, 2567), (988, 2576), (1006, 2609), (1024, 2642), (1069, 2669), (1094, 2702), (1112, 2729), (1114, 2732), (1127, 2753), (1139, 2777), (1142, 2786), (1145, 2789), (1184, 2846),

Gene: OlanP_13 Start: 7209, Stop: 8909, Start Num: 102
Candidate Starts for OlanP_13:
(Start: 102 @7209 has 88 MA's), (137, 7257), (Start: 191 @7329 has 2 MA's), (253, 7392), (411, 7671), (510, 7869), (550, 7959), (583, 8022), (644, 8184), (800, 8382), (812, 8406), (813, 8409), (862, 8472), (869, 8484), (882, 8493), (901, 8511), (916, 8532), (985, 8628), (1014, 8682), (1070, 8718), (1168, 8865), (1193, 8895), (1196, 8898),

Gene: OldBen_2 Start: 571, Stop: 2208, Start Num: 111
Candidate Starts for OldBen_2:
(Start: 111 @571 has 202 MA's), (Start: 118 @580 has 1 MA's), (Start: 129 @595 has 79 MA's), (Start: 185 @652 has 2 MA's), (188, 655), (224, 718), (244, 757), (312, 844), (352, 904), (369, 916), (377, 928), (381, 937), (383, 940), (392, 961), (404, 982), (440, 1054), (461, 1093), (502, 1162), (505, 1168), (514, 1198), (515, 1201), (518, 1210), (523, 1225), (534, 1243), (557, 1294), (601, 1387), (604, 1396), (711, 1567), (726, 1579), (800, 1663), (816, 1693), (818, 1696), (820, 1699), (869, 1756), (884, 1771), (889, 1777), (893, 1780), (901, 1795), (908, 1804), (957, 1873), (982, 1903), (988, 1912), (1006, 1945), (1024, 1978), (1069, 2005), (1094, 2038), (1114, 2068), (1127, 2089), (1139, 2113), (1142, 2122), (1145, 2125), (1184, 2182),

Gene: OlgasClover_17 Start: 10502, Stop: 12247, Start Num: 187
Candidate Starts for OlgasClover_17:
(Start: 187 @10502 has 203 MA's), (195, 10508), (252, 10595), (254, 10601), (274, 10637), (302, 10691), (395, 10868), (419, 10910), (444, 10976), (454, 10997), (492, 11066), (530, 11168), (555, 11225), (578, 11282), (582, 11294), (604, 11354), (644, 11453), (647, 11459), (682, 11516), (726, 11582), (863, 11768), (868, 11777), (916, 11843), (929, 11864), (931, 11867), (1051, 12047), (1069, 12092), (1071, 12095), (1080, 12107), (1136, 12197), (1139, 12200),

Gene: Oliynyk_7 Start: 2562, Stop: 4208, Start Num: 73
Candidate Starts for Oliynyk_7:
(Start: 73 @2562 has 95 MA's), (Start: 86 @2580 has 10 MA's), (283, 2784), (326, 2865), (400, 3000), (413, 3021), (437, 3066), (458, 3108), (497, 3180), (510, 3204), (550, 3291), (556, 3303), (584, 3357), (638, 3456), (673, 3516), (806, 3678), (811, 3687), (869, 3777), (906, 3810), (957, 3882), (959, 3885), (985, 3924), (1001, 3945), (1003, 3951), (1010, 3969), (1105, 4065), (1142, 4125),

Gene: Ollie_13 Start: 6828, Stop: 8528, Start Num: 102
Candidate Starts for Ollie_13:
(Start: 102 @6828 has 88 MA's), (137, 6876), (253, 7011), (362, 7203), (411, 7290), (510, 7488), (550, 7578), (583, 7641), (644, 7803), (800, 8001), (812, 8025), (813, 8028), (862, 8091), (882, 8112), (916, 8151), (985, 8247), (1014, 8301), (1070, 8337), (1168, 8484), (1193, 8514), (1196, 8517),

Gene: Olliecat_3 Start: 953, Stop: 2530, Start Num: 171
Candidate Starts for Olliecat_3:
(Start: 171 @953 has 84 MA's), (Start: 191 @980 has 2 MA's), (252, 1070), (278, 1109), (315, 1154), (342, 1217), (360, 1232), (394, 1295), (498, 1451), (521, 1514), (547, 1571), (548, 1574), (558, 1592), (567, 1607), (672, 1829), (722, 1892), (738, 1916), (780, 1967), (782, 1970), (787, 1979), (796, 2003), (837, 2057), (861, 2087), (907, 2135), (1022, 2273), (1057, 2345), (1125, 2432), (1134, 2450), (1201, 2522),

Gene: OlympiaSaint_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for OlympiaSaint_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (147, 617), (Start: 158 @629 has 2 MA's), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (244, 758), (312, 845), (352, 905), (369, 917), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (415, 998), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (601, 1388), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1024, 1979), (1069, 2006), (1094, 2039), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: OlympicHelado_8 Start: 3146, Stop: 4891, Start Num: 187
Candidate Starts for OlympicHelado_8:
(Start: 187 @3146 has 203 MA's), (229, 3200), (231, 3203), (252, 3239), (254, 3245), (380, 3479), (430, 3578), (444, 3620), (454, 3641), (476, 3683), (480, 3695), (522, 3794), (530, 3812), (584, 3944), (634, 4073), (644, 4097), (647, 4103), (726, 4226), (771, 4295), (863, 4412), (866, 4418), (876, 4439), (929, 4508), (931, 4511), (962, 4562), (1012, 4649), (1059, 4715), (1071, 4739), (1080, 4751), (1094, 4769), (1136, 4841), (1139, 4844),

Gene: Omar_7 Start: 2403, Stop: 4052, Start Num: 73
Candidate Starts for Omar_7:
(Start: 73 @2403 has 95 MA's), (Start: 86 @2424 has 10 MA's), (Start: 167 @2502 has 4 MA's), (283, 2628), (300, 2664), (311, 2676), (326, 2709), (378, 2802), (386, 2817), (400, 2844), (413, 2865), (437,

2910), (458, 2952), (497, 3024), (510, 3048), (556, 3147), (580, 3186), (584, 3201), (605, 3261), (638, 3300), (647, 3321), (648, 3324), (673, 3360), (806, 3522), (811, 3531), (817, 3543), (825, 3552), (869, 3621), (901, 3648), (959, 3729), (985, 3768), (1001, 3789), (1010, 3813), (1081, 3873), (1142, 3969), (1165, 3996), (1204, 4047),

Gene: Onestar_7 Start: 3639, Stop: 5387, Start Num: 187
Candidate Starts for Onestar_7:
(Start: 187 @3639 has 203 MA's), (252, 3732), (254, 3738), (292, 3795), (322, 3858), (347, 3915), (413, 4035), (444, 4113), (454, 4134), (506, 4236), (530, 4305), (539, 4329), (578, 4419), (604, 4491), (644, 4590), (704, 4695), (726, 4719), (778, 4803), (868, 4917), (876, 4935), (929, 5004), (931, 5007), (962, 5058), (992, 5100), (1012, 5145), (1071, 5235), (1080, 5247), (1094, 5265), (1136, 5337), (1139, 5340),

Gene: Onglai_12 Start: 6490, Stop: 8262, Start Num: 114
Candidate Starts for Onglai_12:
(Start: 96 @6475 has 243 MA's), (Start: 114 @6490 has 11 MA's), (Start: 120 @6496 has 11 MA's), (200, 6607), (250, 6706), (339, 6868), (381, 6940), (411, 6994), (432, 7033), (469, 7105), (510, 7195), (518, 7219), (580, 7336), (584, 7351), (622, 7459), (659, 7534), (717, 7630), (806, 7750), (817, 7771), (852, 7810), (901, 7864), (904, 7867), (916, 7885), (954, 7939), (979, 7969), (985, 7981), (1070, 8071), (1083, 8089), (1168, 8218), (1191, 8245), (1193, 8248),

Gene: Oofda_14 Start: 6657, Stop: 8354, Start Num: 96
Candidate Starts for Oofda_14:
(Start: 96 @6657 has 243 MA's), (Start: 118 @6675 has 1 MA's), (253, 6837), (339, 6993), (381, 7062), (411, 7116), (469, 7224), (480, 7251), (510, 7314), (518, 7338), (812, 7854), (862, 7917), (904, 7959), (985, 8073), (1081, 8178), (1168, 8310), (1191, 8337), (1193, 8340), (1196, 8343),

Gene: Oogway_10 Start: 6991, Stop: 8679, Start Num: 95
Candidate Starts for Oogway_10:
(Start: 95 @6991 has 435 MA's), (Start: 258 @7171 has 2 MA's), (311, 7255), (327, 7291), (339, 7318), (411, 7441), (430, 7474), (469, 7549), (510, 7639), (518, 7663), (553, 7738), (591, 7807), (615, 7882), (620, 7894), (644, 7954), (813, 8179), (819, 8188), (832, 8200), (862, 8242), (882, 8263), (908, 8290), (985, 8398), (1070, 8488), (1139, 8593),

Gene: Oppalora_2 Start: 370, Stop: 1992, Start Num: 149
Candidate Starts for Oppalora_2:
(Start: 134 @349 has 16 MA's), (Start: 149 @370 has 162 MA's), (313, 601), (315, 604), (319, 613), (333, 649), (342, 667), (394, 745), (464, 850), (521, 964), (534, 988), (548, 1024), (559, 1045), (569, 1060), (589, 1120), (628, 1204), (780, 1420), (787, 1432), (798, 1459), (829, 1498), (834, 1504), (862, 1543), (889, 1570), (903, 1582), (923, 1615), (932, 1627), (956, 1660), (1072, 1831), (1125, 1900), (1129, 1906), (1144, 1927), (1159, 1948), (1187, 1978), (1190, 1981), (1192, 1984),

Gene: Orange_12 Start: 8024, Stop: 9787, Start Num: 96
Candidate Starts for Orange_12:
(Start: 96 @8024 has 243 MA's), (Start: 120 @8045 has 11 MA's), (179, 8132), (250, 8261), (262, 8285), (300, 8348), (381, 8492), (408, 8543), (411, 8546), (469, 8657), (479, 8681), (480, 8684), (510, 8747), (513, 8756), (518, 8771), (580, 8888), (584, 8903), (605, 8963), (638, 9047), (806, 9275), (812, 9287), (852, 9335), (862, 9350), (901, 9389), (916, 9410), (942, 9449), (979, 9494), (985, 9506), (1168, 9743), (1191, 9770),

Gene: Orcanus_3 Start: 751, Stop: 2331, Start Num: 182
Candidate Starts for Orcanus_3:

(Start: 134 @685 has 16 MA's), (Start: 182 @751 has 15 MA's), (Start: 246 @847 has 12 MA's), (252, 856), (255, 865), (Start: 272 @886 has 48 MA's), (297, 910), (313, 937), (319, 949), (333, 985), (342, 1003), (364, 1027), (378, 1048), (464, 1186), (505, 1249), (521, 1300), (531, 1318), (548, 1360), (559, 1381), (581, 1441), (593, 1471), (599, 1480), (628, 1543), (787, 1771), (804, 1810), (829, 1837), (838, 1852), (862, 1882), (903, 1921), (956, 1999), (982, 2029), (1002, 2056), (1125, 2239), (1129, 2245), (1144, 2266), (1190, 2320),

Gene: Origami_2 Start: 553, Stop: 2268, Start Num: 93
Candidate Starts for Origami_2:
(Start: 93 @553 has 92 MA's), (Start: 191 @652 has 2 MA's), (373, 925), (400, 976), (411, 994), (436, 1042), (440, 1054), (482, 1135), (570, 1309), (687, 1522), (813, 1711), (869, 1795), (985, 1939), (997, 1954), (1081, 2083), (1150, 2191), (1201, 2254),

Gene: OrionPax_9 Start: 2465, Stop: 4135, Start Num: 272
Candidate Starts for OrionPax_9:
(Start: 272 @2465 has 48 MA's), (309, 2528), (435, 2762), (487, 2864), (570, 3044), (576, 3068), (585, 3086), (595, 3098), (616, 3161), (621, 3173), (642, 3218), (649, 3233), (700, 3311), (728, 3356), (759, 3410), (760, 3416), (814, 3530), (841, 3578), (910, 3674), (933, 3710), (1014, 3863), (1022, 3875), (1065, 3932), (1091, 3968), (1124, 4019), (1142, 4055), (1145, 4058), (1193, 4124),

Gene: Orla_5 Start: 1093, Stop: 2793, Start Num: 140
Candidate Starts for Orla_5:
(Start: 68 @985 has 2 MA's), (Start: 140 @1093 has 9 MA's), (Start: 191 @1147 has 2 MA's), (205, 1168), (219, 1195), (300, 1306), (341, 1384), (362, 1417), (381, 1459), (386, 1468), (411, 1513), (413, 1516), (434, 1564), (458, 1612), (469, 1633), (482, 1663), (532, 1753), (574, 1843), (598, 1897), (623, 1972), (697, 2110), (708, 2125), (724, 2134), (773, 2170), (776, 2176), (803, 2242), (806, 2248), (859, 2326), (862, 2332), (934, 2419), (959, 2452), (1001, 2509), (1008, 2530), (1047, 2557), (1098, 2617), (1141, 2686), (1142, 2689), (1168, 2719), (1179, 2734), (1213, 2779), (1214, 2782),

Gene: OtsoOtso_3 Start: 849, Stop: 2330, Start Num: 246
Candidate Starts for OtsoOtso_3:
(Start: 134 @684 has 16 MA's), (Start: 246 @849 has 12 MA's), (Start: 272 @888 has 48 MA's), (313, 939), (319, 951), (333, 987), (342, 1005), (464, 1188), (521, 1302), (526, 1314), (548, 1362), (559, 1383), (569, 1398), (589, 1455), (787, 1770), (829, 1836), (862, 1881), (903, 1920), (912, 1932), (956, 1998), (982, 2028), (1008, 2073), (1038, 2115), (1054, 2142), (1055, 2145), (1125, 2238), (1129, 2244), (1144, 2265), (1151, 2277), (1187, 2316), (1190, 2319),

Gene: Otwor_3 Start: 1086, Stop: 2546, Start Num: 149
Candidate Starts for Otwor_3:
(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (642, 1881), (649, 1896), (674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: OurGirlNessie_2 Start: 426, Stop: 1991, Start Num: 129
Candidate Starts for OurGirlNessie_2:
(Start: 129 @426 has 79 MA's), (211, 549), (313, 690), (330, 732), (342, 756), (364, 780), (452, 942), (521, 1077), (532, 1098), (548, 1137), (625, 1236), (637, 1266), (642, 1281), (661, 1314), (692, 1362), (694, 1371), (768, 1449), (787, 1485), (804, 1524), (834, 1557), (838, 1566), (861, 1593), (912, 1647), (939, 1689), (1001, 1734), (1008, 1755), (1022, 1779), (1095, 1857),

Gene: Outis_25 Start: 12805, Stop: 14535, Start Num: 111
Candidate Starts for Outis_25:

(Start: 111 @12805 has 202 MA's), (Start: 115 @12811 has 2 MA's), (247, 13006), (251, 13012), (281, 13051), (299, 13081), (324, 13123), (406, 13300), (514, 13516), (523, 13543), (604, 13711), (608, 13723), (621, 13756), (675, 13834), (818, 14017), (839, 14050), (855, 14080), (893, 14131), (922, 14179), (988, 14254), (996, 14266), (1013, 14302), (1139, 14440), (1157, 14470),

Gene: Ovechkin_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Ovechkin_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: OverPar_4 Start: 1069, Stop: 2637, Start Num: 93
Candidate Starts for OverPar_4:
(Start: 93 @1069 has 92 MA's), (Start: 99 @1075 has 9 MA's), (228, 1231), (419, 1528), (422, 1534), (450, 1594), (494, 1666), (498, 1672), (558, 1792), (591, 1840), (632, 1894), (643, 1918), (671, 1963), (676, 1969), (694, 1999), (699, 2005), (722, 2032), (729, 2041), (776, 2098), (779, 2104), (789, 2125), (790, 2131), (838, 2206), (845, 2209), (867, 2245), (912, 2290), (962, 2356), (1008, 2431), (1018, 2449), (1024, 2458), (1158, 2605), (1181, 2629), (1183, 2632),

Gene: Owens_3 Start: 1086, Stop: 2546, Start Num: 149
Candidate Starts for Owens_3:
(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (642, 1881), (649, 1896), (674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: Oxynfrius_5 Start: 3081, Stop: 4646, Start Num: 129
Candidate Starts for Oxynfrius_5:
(Start: 129 @3081 has 79 MA's), (Start: 246 @3255 has 12 MA's), (Start: 268 @3291 has 4 MA's), (313, 3345), (317, 3354), (330, 3387), (338, 3402), (342, 3411), (425, 3537), (485, 3651), (496, 3666), (500, 3672), (521, 3732), (625, 3891), (637, 3921), (672, 3984), (692, 4017), (768, 4104), (804, 4179), (834, 4212), (861, 4248), (923, 4323), (939, 4344), (982, 4365), (1022, 4434), (1095, 4512), (1122, 4551), (1144, 4581), (1151, 4593), (1192, 4632), (1204, 4641),

Gene: Ozzie_6 Start: 2400, Stop: 4028, Start Num: 86
Candidate Starts for Ozzie_6:
(Start: 73 @2382 has 95 MA's), (Start: 86 @2400 has 10 MA's), (283, 2604), (326, 2685), (400, 2820), (413, 2841), (458, 2928), (497, 3000), (510, 3024), (556, 3123), (584, 3177), (638, 3276), (673, 3336), (806, 3498), (811, 3507), (869, 3597), (901, 3624), (957, 3702), (959, 3705), (985, 3744), (1001, 3765), (1003, 3771), (1010, 3789), (1105, 3885), (1142, 3945),

Gene: OzzyJ_7 Start: 2377, Stop: 4023, Start Num: 73
Candidate Starts for OzzyJ_7:
(Start: 73 @2377 has 95 MA's), (Start: 86 @2395 has 10 MA's), (Start: 207 @2527 has 2 MA's), (283, 2599), (300, 2635), (400, 2815), (413, 2836), (437, 2881), (458, 2923), (497, 2995), (510, 3019), (556, 3118), (565, 3133), (580, 3157), (581, 3163), (673, 3331), (800, 3481), (811, 3502), (852, 3565), (869, 3592), (959, 3700), (985, 3739), (1001, 3760), (1003, 3766), (1010, 3784), (1105, 3880), (1142, 3940),

(1204, 4018),

Gene: P28Green_13 Start: 6956, Stop: 8656, Start Num: 102
Candidate Starts for P28Green_13:
(Start: 102 @6956 has 88 MA's), (137, 7004), (253, 7139), (362, 7331), (411, 7418), (510, 7616), (550, 7706), (583, 7769), (644, 7931), (800, 8129), (812, 8153), (813, 8156), (862, 8219), (882, 8240), (916, 8279), (985, 8375), (1014, 8429), (1070, 8465), (1168, 8612), (1193, 8642), (1196, 8645),

Gene: PFR1_02 Start: 407, Stop: 1978, Start Num: 173
Candidate Starts for PFR1_02:
(173, 407), (180, 416), (285, 572), (315, 608), (319, 617), (342, 671), (364, 695), (387, 734), (460, 854), (464, 863), (491, 905), (494, 911), (496, 914), (523, 986), (547, 1037), (548, 1040), (554, 1052), (558, 1058), (559, 1061), (574, 1094), (589, 1136), (601, 1160), (788, 1451), (789, 1457), (808, 1499), (834, 1523), (837, 1529), (838, 1532), (861, 1559), (903, 1601), (909, 1610), (912, 1613), (979, 1667), (999, 1694), (1014, 1730), (1043, 1763), (1072, 1808), (1125, 1880), (1147, 1910), (1192, 1964),

Gene: PFR2_02 Start: 407, Stop: 1978, Start Num: 173
Candidate Starts for PFR2_02:
(173, 407), (180, 416), (285, 572), (315, 608), (319, 617), (342, 671), (364, 695), (387, 734), (460, 854), (464, 863), (491, 905), (494, 911), (496, 914), (523, 986), (547, 1037), (548, 1040), (554, 1052), (558, 1058), (559, 1061), (574, 1094), (589, 1136), (601, 1160), (788, 1451), (789, 1457), (808, 1499), (834, 1523), (837, 1529), (838, 1532), (861, 1559), (903, 1601), (909, 1610), (912, 1613), (979, 1667), (999, 1694), (1014, 1730), (1043, 1763), (1072, 1808), (1125, 1880), (1147, 1910), (1192, 1964),

Gene: PGHhamlin_15 Start: 6949, Stop: 8649, Start Num: 102
Candidate Starts for PGHhamlin_15:
(Start: 102 @6949 has 88 MA's), (137, 6997), (253, 7132), (362, 7324), (411, 7411), (510, 7609), (550, 7699), (583, 7762), (644, 7924), (800, 8122), (812, 8146), (813, 8149), (862, 8212), (882, 8233), (916, 8272), (985, 8368), (1014, 8422), (1070, 8458), (1168, 8605), (1193, 8635), (1196, 8638),

Gene: PHappiness_2 Start: 571, Stop: 2208, Start Num: 111
Candidate Starts for PHappiness_2:
(Start: 111 @571 has 202 MA's), (Start: 118 @580 has 1 MA's), (Start: 129 @595 has 79 MA's), (Start: 185 @652 has 2 MA's), (188, 655), (224, 718), (244, 757), (312, 844), (352, 904), (369, 916), (377, 928), (381, 937), (383, 940), (392, 961), (404, 982), (440, 1054), (461, 1093), (502, 1162), (505, 1168), (514, 1198), (515, 1201), (518, 1210), (523, 1225), (534, 1243), (557, 1294), (601, 1387), (604, 1396), (711, 1567), (726, 1579), (800, 1663), (816, 1693), (818, 1696), (820, 1699), (869, 1756), (884, 1771), (889, 1777), (893, 1780), (901, 1795), (908, 1804), (957, 1873), (982, 1903), (988, 1912), (1006, 1945), (1024, 1978), (1069, 2005), (1094, 2038), (1114, 2068), (1127, 2089), (1139, 2113), (1142, 2122), (1145, 2125), (1184, 2182),

Gene: PMC_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for PMC_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1016, 1982), (1024, 1994), (1069, 2021), (1094, 2054), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: PP_21 Start: 12452, Stop: 14146, Start Num: 95
Candidate Starts for PP_21:
(92, 12449), (Start: 95 @12452 has 435 MA's), (145, 12509), (150, 12515), (200, 12581), (Start: 258 @12632 has 2 MA's), (Start: 271 @12653 has 3 MA's), (311, 12716), (394, 12875), (403, 12890), (408, 12899), (411, 12902), (420, 12917), (438, 12953), (469, 13010), (479, 13034), (505, 13082), (510, 13100), (570, 13223), (571, 13226), (584, 13256), (620, 13355), (661, 13442), (685, 13475), (732, 13529), (740, 13541), (798, 13613), (812, 13640), (825, 13658), (852, 13691), (867, 13715), (985, 13862), (1010, 13907), (1145, 14069), (1168, 14099),

Gene: PSullivan_13 Start: 7479, Stop: 9167, Start Num: 95
Candidate Starts for PSullivan_13:
(Start: 95 @7479 has 435 MA's), (Start: 258 @7659 has 2 MA's), (311, 7743), (327, 7779), (339, 7806), (411, 7929), (469, 8037), (510, 8127), (518, 8151), (534, 8178), (553, 8226), (620, 8382), (644, 8442), (819, 8676), (832, 8688), (862, 8730), (882, 8751), (908, 8778), (985, 8886), (1070, 8976), (1139, 9081),

Gene: PYPDinur_4 Start: 771, Stop: 2333, Start Num: 93
Candidate Starts for PYPDinur_4:
(Start: 93 @771 has 92 MA's), (Start: 99 @777 has 9 MA's), (228, 927), (Start: 268 @993 has 4 MA's), (302, 1023), (313, 1047), (321, 1062), (338, 1104), (422, 1230), (498, 1368), (509, 1389), (516, 1413), (558, 1488), (591, 1536), (643, 1614), (653, 1635), (671, 1659), (676, 1665), (694, 1695), (699, 1701), (729, 1737), (790, 1827), (862, 1932), (867, 1941), (889, 1965), (912, 1986), (962, 2052), (1024, 2154), (1140, 2274), (1143, 2280), (1158, 2301), (1181, 2325),

Gene: Pablito_6 Start: 2214, Stop: 3860, Start Num: 73
Candidate Starts for Pablito_6:
(Start: 63 @2193 has 32 MA's), (70, 2208), (Start: 73 @2214 has 95 MA's), (83, 2229), (Start: 207 @2364 has 2 MA's), (311, 2484), (326, 2517), (400, 2652), (413, 2673), (430, 2703), (437, 2718), (458, 2760), (497, 2832), (510, 2856), (556, 2955), (584, 3009), (673, 3168), (721, 3231), (800, 3318), (811, 3339), (852, 3402), (869, 3429), (979, 3564), (985, 3576), (1001, 3597), (1003, 3603), (1010, 3621), (1081, 3681), (1142, 3777), (1180, 3825), (1204, 3855),

Gene: Pacc40_2 Start: 571, Stop: 2208, Start Num: 111
Candidate Starts for Pacc40_2:
(Start: 111 @571 has 202 MA's), (Start: 118 @580 has 1 MA's), (Start: 129 @595 has 79 MA's), (Start: 185 @652 has 2 MA's), (188, 655), (224, 718), (244, 757), (312, 844), (352, 904), (369, 916), (377, 928), (381, 937), (383, 940), (392, 961), (404, 982), (440, 1054), (461, 1093), (502, 1162), (505, 1168), (514, 1198), (515, 1201), (518, 1210), (523, 1225), (534, 1243), (557, 1294), (601, 1387), (604, 1396), (711, 1567), (726, 1579), (800, 1663), (816, 1693), (818, 1696), (820, 1699), (869, 1756), (884, 1771), (889, 1777), (893, 1780), (901, 1795), (908, 1804), (957, 1873), (982, 1903), (988, 1912), (1006, 1945), (1024, 1978), (1069, 2005), (1094, 2038), (1114, 2068), (1127, 2089), (1139, 2113), (1142, 2122), (1145, 2125), (1184, 2182),

Gene: PacerPaul_11 Start: 7247, Stop: 8935, Start Num: 95
Candidate Starts for PacerPaul_11:
(Start: 95 @7247 has 435 MA's), (Start: 258 @7427 has 2 MA's), (311, 7511), (327, 7547), (339, 7574), (411, 7697), (469, 7805), (510, 7895), (518, 7919), (553, 7994), (620, 8150), (644, 8210), (813, 8435), (819, 8444), (832, 8456), (862, 8498), (882, 8519), (908, 8546), (985, 8654), (1070, 8744), (1139, 8849),

Gene: PackMan_13 Start: 8109, Stop: 9896, Start Num: 96
Candidate Starts for PackMan_13:

(Start: 96 @8109 has 243 MA's), (Start: 114 @8124 has 11 MA's), (Start: 120 @8130 has 11 MA's), (200, 8241), (250, 8340), (339, 8502), (381, 8574), (411, 8628), (432, 8667), (469, 8739), (510, 8829), (518, 8853), (580, 8970), (584, 8985), (622, 9093), (659, 9168), (685, 9204), (717, 9264), (806, 9384), (817, 9405), (852, 9444), (901, 9498), (904, 9501), (916, 9519), (954, 9573), (979, 9603), (985, 9615), (1070, 9705), (1083, 9723), (1168, 9852), (1191, 9879), (1193, 9882),

Gene: PaddyBaddy_9 Start: 2274, Stop: 3944, Start Num: 272
Candidate Starts for PaddyBaddy_9:
(Start: 272 @2274 has 48 MA's), (309, 2337), (435, 2571), (487, 2673), (570, 2853), (576, 2877), (585, 2895), (595, 2907), (616, 2970), (621, 2982), (642, 3027), (649, 3042), (700, 3120), (728, 3165), (759, 3219), (760, 3225), (814, 3339), (910, 3483), (933, 3519), (1014, 3672), (1022, 3684), (1065, 3741), (1091, 3777), (1124, 3828), (1142, 3864), (1145, 3867), (1193, 3933),

Gene: Paedore_6 Start: 2247, Stop: 3908, Start Num: 73
Candidate Starts for Paedore_6:
(Start: 73 @2247 has 95 MA's), (326, 2565), (378, 2658), (386, 2673), (400, 2700), (413, 2721), (458, 2808), (510, 2904), (521, 2937), (550, 2991), (570, 3024), (581, 3048), (605, 3117), (648, 3180), (650, 3186), (673, 3216), (687, 3234), (746, 3300), (798, 3363), (800, 3366), (806, 3378), (811, 3387), (815, 3396), (852, 3450), (869, 3477), (985, 3624), (1001, 3645), (1010, 3669), (1081, 3729), (1142, 3825), (1204, 3903),

Gene: Paella_16 Start: 7583, Stop: 9367, Start Num: 187
Candidate Starts for Paella_16:
(Start: 183 @7577 has 2 MA's), (Start: 187 @7583 has 203 MA's), (254, 7682), (345, 7856), (388, 7931), (413, 7979), (444, 8057), (451, 8075), (454, 8078), (492, 8147), (530, 8249), (549, 8294), (555, 8306), (578, 8363), (604, 8435), (644, 8534), (680, 8591), (685, 8606), (726, 8663), (771, 8732), (778, 8744), (833, 8837), (868, 8897), (876, 8915), (879, 8921), (929, 8984), (931, 8987), (954, 9026), (1045, 9158), (1059, 9191), (1071, 9215), (1080, 9227), (1094, 9245), (1136, 9317), (1139, 9320),

Gene: PaintedDog_2 Start: 522, Stop: 2081, Start Num: 128
Candidate Starts for PaintedDog_2:
(Start: 128 @522 has 6 MA's), (200, 612), (253, 699), (294, 756), (326, 819), (403, 936), (409, 945), (440, 1017), (459, 1053), (510, 1161), (514, 1173), (515, 1176), (532, 1215), (538, 1233), (608, 1380), (634, 1422), (688, 1506), (697, 1527), (771, 1590), (815, 1668), (817, 1671), (828, 1683), (923, 1818), (926, 1821), (982, 1884), (983, 1887), (1004, 1920), (1079, 2001), (1103, 2034),

Gene: PainterBoy_13 Start: 7527, Stop: 9281, Start Num: 96
Candidate Starts for PainterBoy_13:
(Start: 96 @7527 has 243 MA's), (200, 7659), (250, 7758), (300, 7845), (339, 7920), (381, 7989), (408, 8040), (411, 8043), (469, 8151), (510, 8241), (518, 8265), (583, 8394), (584, 8397), (598, 8433), (733, 8673), (740, 8682), (800, 8757), (852, 8829), (862, 8844), (901, 8883), (916, 8904), (979, 8988), (985, 9000), (1081, 9105), (1139, 9195), (1142, 9204), (1168, 9237), (1191, 9264), (1193, 9267), (1196, 9270), (1199, 9273),

Gene: Palestino_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Palestino_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Panamaxus_12 Start: 7044, Stop: 8741, Start Num: 95

Candidate Starts for Panamaxus_12:
(Start: 95 @7044 has 435 MA's), (Start: 122 @7068 has 1 MA's), (311, 7314), (403, 7488), (411, 7500), (432, 7539), (438, 7551), (469, 7608), (479, 7632), (510, 7698), (513, 7707), (550, 7788), (570, 7821), (620, 7953), (623, 7965), (647, 8019), (661, 8040), (685, 8073), (732, 8127), (800, 8214), (812, 8238), (813, 8241), (817, 8247), (825, 8256), (862, 8304), (901, 8343), (904, 8346), (916, 8364), (985, 8460), (1014, 8514), (1145, 8667), (1168, 8697), (1193, 8727), (1196, 8730),

Gene: PandaPo_2 Start: 551, Stop: 2257, Start Num: 101
Candidate Starts for PandaPo_2:
(Start: 101 @551 has 7 MA's), (Start: 176 @617 has 8 MA's), (379, 923), (411, 980), (436, 1028), (482, 1118), (499, 1142), (513, 1172), (570, 1292), (687, 1505), (710, 1544), (959, 1886), (985, 1922), (997, 1937), (1005, 1955), (1081, 2072), (1142, 2168), (1150, 2180),

Gene: PaoPu_3 Start: 1074, Stop: 2534, Start Num: 149
Candidate Starts for PaoPu_3:
(Start: 149 @1074 has 162 MA's), (Start: 154 @1080 has 4 MA's), (Start: 272 @1242 has 48 MA's), (278, 1251), (315, 1311), (348, 1380), (366, 1401), (394, 1452), (520, 1656), (642, 1869), (649, 1884), (674, 1920), (703, 1962), (739, 1995), (765, 2013), (834, 2133), (835, 2136), (848, 2148), (905, 2223), (944, 2286), (958, 2304), (960, 2307), (1098, 2469), (1104, 2478), (1110, 2487), (1135, 2526),

Gene: Paolo_8 Start: 2800, Stop: 4446, Start Num: 73
Candidate Starts for Paolo_8:
(Start: 73 @2800 has 95 MA's), (Start: 207 @2950 has 2 MA's), (311, 3070), (323, 3094), (378, 3196), (400, 3238), (403, 3244), (413, 3259), (458, 3346), (497, 3418), (510, 3442), (556, 3541), (574, 3577), (584, 3595), (635, 3688), (648, 3718), (673, 3754), (721, 3817), (800, 3904), (811, 3925), (817, 3937), (869, 4015), (901, 4042), (959, 4123), (985, 4162), (1001, 4183), (1010, 4207), (1081, 4267), (1142, 4363),

Gene: Papez_13 Start: 8442, Stop: 10130, Start Num: 95
Candidate Starts for Papez_13:
(Start: 95 @8442 has 435 MA's), (Start: 258 @8622 has 2 MA's), (311, 8706), (327, 8742), (339, 8769), (411, 8892), (430, 8925), (469, 9000), (510, 9090), (518, 9114), (534, 9141), (553, 9189), (620, 9345), (644, 9405), (819, 9639), (832, 9651), (862, 9693), (882, 9714), (908, 9741), (985, 9849), (1070, 9939), (1139, 10044),

Gene: Paphu_10 Start: 6436, Stop: 8124, Start Num: 95
Candidate Starts for Paphu_10:
(Start: 95 @6436 has 435 MA's), (311, 6700), (323, 6724), (411, 6886), (430, 6919), (510, 7084), (518, 7108), (534, 7135), (553, 7183), (591, 7252), (620, 7339), (644, 7399), (819, 7633), (832, 7645), (862, 7687), (882, 7708), (908, 7735), (985, 7843), (1070, 7933), (1139, 8038),

Gene: Paraselene_10 Start: 6748, Stop: 8436, Start Num: 95
Candidate Starts for Paraselene_10:
(Start: 95 @6748 has 435 MA's), (Start: 258 @6928 has 2 MA's), (311, 7012), (327, 7048), (339, 7075), (411, 7198), (469, 7306), (510, 7396), (518, 7420), (534, 7447), (553, 7495), (620, 7651), (644, 7711), (813, 7936), (819, 7945), (832, 7957), (862, 7999), (882, 8020), (908, 8047), (985, 8155), (1070, 8245), (1139, 8350),

Gene: Pari_12 Start: 7215, Stop: 8903, Start Num: 95
Candidate Starts for Pari_12:
(Start: 95 @7215 has 435 MA's), (Start: 258 @7395 has 2 MA's), (311, 7479), (327, 7515), (339, 7542), (394, 7638), (411, 7665), (430, 7698), (469, 7773), (510, 7863), (518, 7887), (534, 7914), (553, 7962), (591, 8031), (620, 8118), (622, 8127), (644, 8178), (819, 8412), (832, 8424), (862, 8466), (882, 8487),

(908, 8514), (985, 8622), (1070, 8712), (1139, 8817),

Gene: Parliament_10 Start: 6818, Stop: 8506, Start Num: 95
Candidate Starts for Parliament_10:
(Start: 95 @6818 has 435 MA's), (311, 7082), (323, 7106), (411, 7268), (430, 7301), (469, 7376), (510, 7466), (518, 7490), (534, 7517), (553, 7565), (615, 7709), (620, 7721), (644, 7781), (813, 8006), (819, 8015), (832, 8027), (862, 8069), (882, 8090), (908, 8117), (985, 8225), (1070, 8315), (1139, 8420),

Gene: Partridge_8 Start: 3215, Stop: 4897, Start Num: 104
Candidate Starts for Partridge_8:
(Start: 104 @3215 has 36 MA's), (Start: 258 @3401 has 2 MA's), (300, 3473), (311, 3485), (327, 3521), (420, 3689), (449, 3749), (510, 3857), (618, 4112), (647, 4184), (778, 4328), (800, 4370), (817, 4403), (862, 4460), (869, 4472), (985, 4616), (1010, 4661), (1081, 4721), (1142, 4820), (1168, 4853), (1191, 4880), (1193, 4883), (1196, 4886),

Gene: PartyCup_5 Start: 3104, Stop: 4672, Start Num: 129
Candidate Starts for PartyCup_5:
(Start: 129 @3104 has 79 MA's), (252, 3290), (313, 3371), (319, 3383), (330, 3413), (338, 3428), (364, 3461), (425, 3563), (464, 3644), (496, 3692), (521, 3758), (542, 3806), (547, 3815), (615, 3890), (625, 3917), (637, 3947), (787, 4166), (834, 4238), (861, 4274), (939, 4370), (1008, 4436), (1043, 4466), (1046, 4472), (1095, 4538), (1192, 4658),

Gene: PascalRango_10 Start: 6614, Stop: 8302, Start Num: 95
Candidate Starts for PascalRango_10:
(Start: 95 @6614 has 435 MA's), (311, 6878), (323, 6902), (411, 7064), (430, 7097), (469, 7172), (510, 7262), (518, 7286), (534, 7313), (553, 7361), (620, 7517), (644, 7577), (813, 7802), (819, 7811), (832, 7823), (862, 7865), (882, 7886), (908, 7913), (985, 8021), (1070, 8111), (1139, 8216),

Gene: PastaFagioli_3 Start: 769, Stop: 2394, Start Num: 171
Candidate Starts for PastaFagioli_3:
(Start: 171 @769 has 84 MA's), (278, 925), (342, 1033), (398, 1117), (426, 1162), (498, 1267), (521, 1330), (532, 1351), (558, 1408), (747, 1744), (838, 1876), (923, 1978), (1095, 2227), (1129, 2275), (1187, 2344),

Gene: Pat3_8 Start: 2003, Stop: 3673, Start Num: 269
Candidate Starts for Pat3_8:
(Start: 269 @2003 has 11 MA's), (435, 2300), (487, 2402), (570, 2582), (576, 2606), (585, 2624), (595, 2636), (616, 2699), (642, 2756), (649, 2771), (700, 2849), (728, 2894), (759, 2948), (760, 2954), (814, 3068), (841, 3116), (910, 3212), (933, 3248), (1014, 3401), (1022, 3413), (1065, 3470), (1091, 3506), (1124, 3557), (1142, 3593), (1145, 3596), (1193, 3662),

Gene: Patio_27 Start: 13048, Stop: 14727, Start Num: 111
Candidate Starts for Patio_27:
(Start: 111 @13048 has 202 MA's), (222, 13198), (251, 13255), (Start: 272 @13282 has 48 MA's), (281, 13294), (303, 13333), (324, 13366), (514, 13708), (523, 13735), (604, 13903), (608, 13915), (621, 13948), (675, 14026), (775, 14128), (839, 14242), (893, 14323), (901, 14338), (929, 14380), (988, 14446), (996, 14458), (1013, 14494), (1063, 14521), (1112, 14590), (1114, 14593), (1157, 14662),

Gene: PatoPoderoso_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for PatoPoderoso_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752),

(244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: PattyP_13 Start: 7272, Stop: 8960, Start Num: 107
Candidate Starts for PattyP_13:
(Start: 107 @7272 has 24 MA's), (253, 7443), (Start: 258 @7452 has 2 MA's), (311, 7536), (324, 7563), (327, 7572), (411, 7722), (430, 7755), (469, 7830), (510, 7920), (518, 7944), (534, 7971), (553, 8019), (620, 8175), (644, 8235), (813, 8460), (819, 8469), (832, 8481), (862, 8523), (882, 8544), (908, 8571), (985, 8679), (1070, 8769), (1139, 8874),

Gene: Pavo_7 Start: 2498, Stop: 4144, Start Num: 73
Candidate Starts for Pavo_7:
(Start: 68 @2489 has 2 MA's), (Start: 73 @2498 has 95 MA's), (Start: 74 @2501 has 1 MA's), (Start: 86 @2516 has 10 MA's), (283, 2720), (300, 2756), (326, 2801), (378, 2894), (386, 2909), (400, 2936), (405, 2945), (413, 2957), (458, 3044), (480, 3092), (510, 3140), (556, 3239), (580, 3278), (638, 3392), (647, 3413), (673, 3452), (743, 3533), (800, 3602), (803, 3608), (811, 3623), (852, 3686), (957, 3818), (985, 3860), (1003, 3887), (1010, 3905), (1072, 3953), (1142, 4061),

Gene: Pawn_13 Start: 7029, Stop: 8729, Start Num: 102
Candidate Starts for Pawn_13:
(Start: 102 @7029 has 88 MA's), (137, 7077), (Start: 191 @7149 has 2 MA's), (253, 7212), (411, 7491), (510, 7689), (550, 7779), (583, 7842), (644, 8004), (800, 8202), (812, 8226), (813, 8229), (862, 8292), (869, 8304), (882, 8313), (901, 8331), (916, 8352), (985, 8448), (1014, 8502), (1070, 8538), (1168, 8685), (1193, 8715), (1196, 8718),

Gene: Payneful_11 Start: 6561, Stop: 8249, Start Num: 95
Candidate Starts for Payneful_11:
(Start: 95 @6561 has 435 MA's), (311, 6825), (323, 6849), (411, 7011), (430, 7044), (469, 7119), (510, 7209), (518, 7233), (553, 7308), (620, 7464), (622, 7473), (642, 7521), (644, 7524), (813, 7749), (819, 7758), (832, 7770), (862, 7812), (882, 7833), (908, 7860), (985, 7968), (1070, 8058), (1139, 8163),

Gene: PeaceMeal1_10 Start: 4783, Stop: 6474, Start Num: 95
Candidate Starts for PeaceMeal1_10:
(Start: 95 @4783 has 435 MA's), (Start: 122 @4807 has 1 MA's), (Start: 207 @4930 has 2 MA's), (Start: 271 @4999 has 3 MA's), (300, 5050), (311, 5062), (329, 5104), (339, 5125), (386, 5203), (411, 5248), (432, 5287), (458, 5335), (469, 5356), (479, 5380), (510, 5431), (570, 5554), (626, 5701), (650, 5761), (685, 5806), (800, 5947), (835, 6001), (862, 6037), (901, 6076), (916, 6097), (985, 6193), (1024, 6262), (1168, 6430), (1193, 6460), (1196, 6463),

Gene: Peaches_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Peaches_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Peas_2 Start: 625, Stop: 2373, Start Num: 201

Candidate Starts for Peas_2:
(164, 574), (180, 601), (Start: 201 @625 has 43 MA's), (249, 685), (266, 718), (324, 820), (340, 859), (344, 865), (358, 883), (364, 898), (366, 901), (377, 919), (383, 931), (397, 961), (437, 1039), (447, 1063), (456, 1075), (476, 1114), (487, 1135), (506, 1168), (539, 1255), (541, 1261), (596, 1363), (614, 1420), (620, 1435), (641, 1474), (700, 1570), (802, 1747), (810, 1762), (824, 1786), (959, 1996), (973, 2020), (980, 2038), (994, 2068), (1003, 2083), (1023, 2125), (1042, 2152), (1066, 2176), (1073, 2185), (1142, 2290),

Gene: Pecas_3 Start: 676, Stop: 2304, Start Num: 171
Candidate Starts for Pecas_3:
(Start: 171 @676 has 84 MA's), (278, 832), (342, 940), (398, 1024), (415, 1048), (425, 1066), (464, 1123), (498, 1174), (500, 1177), (521, 1237), (531, 1255), (542, 1285), (558, 1315), (829, 1771), (838, 1786), (1095, 2137), (1215, 2293),

Gene: PegLeg_14 Start: 4718, Stop: 6262, Start Num: 130
Candidate Starts for PegLeg_14:
(Start: 130 @4718 has 21 MA's), (Start: 163 @4766 has 23 MA's), (315, 4967), (392, 5105), (512, 5297), (643, 5507), (676, 5558), (729, 5630), (789, 5693), (796, 5717), (804, 5732), (857, 5792), (862, 5804), (907, 5864), (930, 5897), (959, 5930), (977, 5957), (1007, 6005), (1143, 6191), (1158, 6212),

Gene: PeggyLeg03_2 Start: 626, Stop: 2374, Start Num: 201
Candidate Starts for PeggyLeg03_2:
(164, 575), (180, 602), (Start: 201 @626 has 43 MA's), (266, 719), (340, 860), (344, 866), (364, 899), (366, 902), (377, 920), (397, 962), (447, 1064), (456, 1076), (476, 1115), (487, 1136), (506, 1169), (526, 1223), (539, 1256), (541, 1262), (596, 1364), (614, 1421), (620, 1436), (641, 1475), (700, 1571), (802, 1748), (810, 1763), (824, 1787), (942, 1970), (959, 1997), (973, 2021), (980, 2039), (994, 2069), (1023, 2126), (1042, 2153), (1066, 2177), (1073, 2186), (1114, 2237), (1142, 2291),

Gene: Pelletreau_4 Start: 958, Stop: 2538, Start Num: 182
Candidate Starts for Pelletreau_4:
(Start: 134 @892 has 16 MA's), (Start: 182 @958 has 15 MA's), (Start: 246 @1054 has 12 MA's), (252, 1063), (255, 1072), (Start: 272 @1093 has 48 MA's), (297, 1117), (313, 1144), (319, 1156), (334, 1195), (342, 1210), (364, 1234), (378, 1255), (505, 1456), (521, 1507), (531, 1525), (548, 1567), (559, 1588), (581, 1648), (593, 1678), (599, 1687), (628, 1750), (787, 1978), (804, 2017), (829, 2044), (838, 2059), (862, 2089), (903, 2128), (956, 2206), (982, 2236), (1002, 2263), (1125, 2446), (1129, 2452), (1144, 2473), (1190, 2527),

Gene: Pelly_12 Start: 7447, Stop: 9135, Start Num: 95
Candidate Starts for Pelly_12:
(Start: 95 @7447 has 435 MA's), (Start: 258 @7627 has 2 MA's), (311, 7711), (327, 7747), (339, 7774), (411, 7897), (469, 8005), (510, 8095), (518, 8119), (534, 8146), (591, 8263), (615, 8338), (620, 8350), (644, 8410), (819, 8644), (832, 8656), (862, 8698), (882, 8719), (908, 8746), (985, 8854), (1070, 8944), (1139, 9049),

Gene: Pemberton_27 Start: 10374, Stop: 12101, Start Num: 111
Candidate Starts for Pemberton_27:
(Start: 111 @10374 has 202 MA's), (222, 10524), (247, 10575), (281, 10620), (299, 10650), (303, 10659), (359, 10782), (369, 10800), (514, 11082), (523, 11109), (604, 11277), (608, 11289), (675, 11400), (818, 11583), (893, 11697), (901, 11712), (922, 11745), (988, 11820), (1112, 11964), (1139, 12006), (1157, 12036), (1186, 12078),

Gene: Pembroke_13 Start: 6958, Stop: 8658, Start Num: 102
Candidate Starts for Pembroke_13:

(Start: 102 @6958 has 88 MA's), (137, 7006), (253, 7141), (362, 7333), (411, 7420), (510, 7618), (550, 7708), (583, 7771), (644, 7933), (800, 8131), (812, 8155), (813, 8158), (862, 8221), (882, 8242), (916, 8281), (985, 8377), (1014, 8431), (1070, 8467), (1168, 8614), (1193, 8644), (1196, 8647),

Gene: Penny1_13 Start: 6957, Stop: 8657, Start Num: 102
Candidate Starts for Penny1_13:
(Start: 102 @6957 has 88 MA's), (137, 7005), (253, 7140), (362, 7332), (411, 7419), (510, 7617), (550, 7707), (583, 7770), (644, 7932), (800, 8130), (812, 8154), (813, 8157), (862, 8220), (882, 8241), (916, 8280), (985, 8376), (1014, 8430), (1070, 8466), (1168, 8613), (1193, 8643), (1196, 8646),

Gene: Penoan_4 Start: 1350, Stop: 2837, Start Num: 146
Candidate Starts for Penoan_4:
(18, 1002), (44, 1176), (76, 1251), (82, 1260), (Start: 136 @1335 has 1 MA's), (Start: 146 @1350 has 40 MA's), (255, 1503), (265, 1518), (Start: 271 @1524 has 3 MA's), (330, 1623), (334, 1632), (394, 1725), (422, 1767), (488, 1881), (491, 1884), (513, 1929), (619, 2109), (663, 2181), (694, 2229), (722, 2262), (781, 2325), (783, 2328), (849, 2427), (867, 2460), (873, 2472), (900, 2493), (970, 2568), (1016, 2640), (1103, 2727), (1137, 2781),

Gene: Pepe_12 Start: 7470, Stop: 9158, Start Num: 95
Candidate Starts for Pepe_12:
(Start: 95 @7470 has 435 MA's), (311, 7734), (323, 7758), (411, 7920), (430, 7953), (469, 8028), (510, 8118), (518, 8142), (534, 8169), (553, 8217), (615, 8361), (620, 8373), (644, 8433), (813, 8658), (819, 8667), (832, 8679), (862, 8721), (882, 8742), (908, 8769), (985, 8877), (1070, 8967), (1139, 9072),

Gene: Pepperoni_2 Start: 498, Stop: 2234, Start Num: 201
Candidate Starts for Pepperoni_2:
(Start: 190 @483 has 1 MA's), (Start: 201 @498 has 43 MA's), (259, 588), (284, 627), (323, 702), (336, 735), (344, 750), (364, 771), (383, 804), (393, 828), (411, 858), (438, 915), (476, 987), (480, 999), (541, 1134), (571, 1185), (590, 1227), (596, 1233), (626, 1317), (641, 1344), (711, 1455), (725, 1482), (731, 1500), (821, 1650), (826, 1659), (999, 1932), (1001, 1935), (1003, 1941), (1011, 1962), (1030, 1995), (1034, 2001), (1066, 2049), (1073, 2058), (1091, 2082), (1114, 2100), (1145, 2157), (1199, 2220), (1202, 2223),

Gene: Pepy6_014 Start: 12293, Stop: 14038, Start Num: 187
Candidate Starts for Pepy6_014:
(Start: 187 @12293 has 203 MA's), (195, 12299), (229, 12347), (252, 12386), (254, 12392), (302, 12482), (323, 12515), (382, 12629), (444, 12767), (451, 12785), (454, 12788), (492, 12857), (508, 12896), (518, 12929), (522, 12941), (530, 12959), (549, 13004), (555, 13016), (582, 13085), (604, 13145), (630, 13211), (644, 13244), (647, 13250), (680, 13301), (704, 13349), (726, 13373), (866, 13565), (868, 13568), (871, 13574), (910, 13625), (916, 13634), (924, 13649), (929, 13655), (931, 13658), (1071, 13886), (1080, 13898), (1136, 13988), (1139, 13991),

Gene: Percival_2 Start: 640, Stop: 2388, Start Num: 93
Candidate Starts for Percival_2:
(Start: 93 @640 has 92 MA's), (Start: 119 @658 has 16 MA's), (373, 1000), (400, 1051), (411, 1069), (453, 1162), (482, 1219), (687, 1642), (800, 1804), (803, 1810), (929, 1984), (985, 2059), (997, 2074), (1053, 2155), (1133, 2278), (1142, 2299), (1150, 2311),

Gene: Perkunas_15 Start: 8013, Stop: 9758, Start Num: 187
Candidate Starts for Perkunas_15:
(Start: 187 @8013 has 203 MA's), (195, 8019), (252, 8106), (254, 8112), (274, 8148), (302, 8202), (353, 8298), (444, 8487), (451, 8505), (454, 8508), (492, 8577), (530, 8679), (545, 8715), (555, 8736), (570, 8760), (604, 8865), (630, 8931), (644, 8964), (647, 8970), (665, 9000), (680, 9021), (726, 9093),

(868, 9288), (910, 9345), (916, 9354), (929, 9375), (931, 9378), (968, 9438), (1060, 9585), (1071, 9606), (1080, 9618), (1112, 9663), (1114, 9666), (1136, 9708), (1139, 9711),

Gene: Perplexer_11 Start: 6887, Stop: 8584, Start Num: 95
Candidate Starts for Perplexer_11:
(Start: 95 @6887 has 435 MA's), (Start: 122 @6911 has 1 MA's), (311, 7157), (408, 7340), (411, 7343), (432, 7382), (469, 7451), (479, 7475), (510, 7541), (550, 7631), (620, 7796), (661, 7883), (775, 8009), (800, 8057), (812, 8081), (862, 8147), (901, 8186), (916, 8207), (985, 8303), (1167, 8537), (1168, 8540), (1193, 8570), (1196, 8573),

Gene: PerroGrande22_14 Start: 12513, Stop: 14258, Start Num: 187
Candidate Starts for PerroGrande22_14:
(Start: 187 @12513 has 203 MA's), (195, 12519), (229, 12567), (252, 12606), (254, 12612), (302, 12702), (323, 12735), (382, 12849), (444, 12987), (451, 13005), (454, 13008), (492, 13077), (518, 13149), (530, 13179), (549, 13224), (582, 13305), (584, 13311), (604, 13365), (630, 13431), (644, 13464), (647, 13470), (680, 13521), (704, 13569), (726, 13593), (866, 13785), (868, 13788), (871, 13794), (910, 13845), (916, 13854), (924, 13869), (929, 13875), (931, 13878), (968, 13938), (1071, 14106), (1080, 14118), (1136, 14208), (1139, 14211),

Gene: Perseus_12 Start: 7131, Stop: 8819, Start Num: 95
Candidate Starts for Perseus_12:
(Start: 95 @7131 has 435 MA's), (Start: 258 @7311 has 2 MA's), (311, 7395), (327, 7431), (411, 7581), (469, 7689), (510, 7779), (518, 7803), (553, 7878), (591, 7947), (620, 8034), (644, 8094), (819, 8328), (832, 8340), (862, 8382), (882, 8403), (908, 8430), (985, 8538), (1070, 8628), (1139, 8733),

Gene: PestoPenguin_17 Start: 10301, Stop: 12046, Start Num: 187
Candidate Starts for PestoPenguin_17:
(Start: 187 @10301 has 203 MA's), (195, 10307), (252, 10394), (254, 10400), (274, 10436), (302, 10490), (395, 10667), (420, 10712), (444, 10775), (454, 10796), (492, 10865), (530, 10967), (555, 11024), (578, 11081), (582, 11093), (604, 11153), (644, 11252), (647, 11258), (682, 11315), (726, 11381), (868, 11576), (899, 11618), (916, 11642), (929, 11663), (931, 11666), (1071, 11894), (1080, 11906), (1136, 11996), (1139, 11999),

Gene: PeterPeter_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for PeterPeter_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Petersenfast_12 Start: 8027, Stop: 9790, Start Num: 96
Candidate Starts for Petersenfast_12:
(Start: 96 @8027 has 243 MA's), (Start: 120 @8048 has 11 MA's), (179, 8135), (250, 8264), (262, 8288), (300, 8351), (381, 8495), (408, 8546), (411, 8549), (469, 8660), (479, 8684), (480, 8687), (510, 8750), (513, 8759), (518, 8774), (580, 8891), (584, 8906), (605, 8966), (638, 9050), (806, 9278), (812, 9290), (852, 9338), (862, 9353), (901, 9392), (916, 9413), (942, 9452), (979, 9497), (985, 9509), (1168, 9746), (1191, 9773),

Gene: Peterson_14 Start: 8430, Stop: 10118, Start Num: 95
Candidate Starts for Peterson_14:
(Start: 95 @8430 has 435 MA's), (311, 8694), (323, 8718), (394, 8853), (411, 8880), (430, 8913), (469, 8988), (510, 9078), (518, 9102), (534, 9129), (553, 9177), (620, 9333), (644, 9393), (813, 9618), (819,

9627), (832, 9639), (862, 9681), (882, 9702), (908, 9729), (985, 9837), (1070, 9927), (1139, 10032),

Gene: PeteyPab_12 Start: 6676, Stop: 8742, Start Num: 5
Candidate Starts for PeteyPab_12:
(Start: 5 @6676 has 5 MA's), (11, 6733), (27, 6871), (32, 6901), (39, 6925), (92, 7042), (Start: 111 @7063 has 202 MA's), (Start: 129 @7087 has 79 MA's), (175, 7150), (Start: 191 @7174 has 2 MA's), (277, 7336), (291, 7351), (298, 7369), (299, 7372), (315, 7396), (324, 7414), (369, 7471), (371, 7474), (392, 7516), (407, 7543), (418, 7561), (432, 7588), (438, 7606), (439, 7609), (473, 7663), (514, 7747), (515, 7750), (522, 7771), (534, 7792), (570, 7864), (584, 7894), (604, 7945), (646, 8026), (669, 8059), (801, 8221), (881, 8323), (901, 8350), (908, 8359), (996, 8470), (1063, 8533), (1139, 8644), (1142, 8653), (1205, 8734),

Gene: PetiteSangsue_11 Start: 6893, Stop: 8590, Start Num: 95
Candidate Starts for PetiteSangsue_11:
(Start: 95 @6893 has 435 MA's), (Start: 122 @6917 has 1 MA's), (311, 7163), (408, 7346), (411, 7349), (432, 7388), (469, 7457), (479, 7481), (510, 7547), (550, 7637), (620, 7802), (661, 7889), (775, 8015), (800, 8063), (812, 8087), (852, 8138), (862, 8153), (901, 8192), (916, 8213), (985, 8309), (1167, 8543), (1168, 8546), (1193, 8576), (1196, 8579),

Gene: Petito_14 Start: 7718, Stop: 9463, Start Num: 187
Candidate Starts for Petito_14:
(Start: 187 @7718 has 203 MA's), (195, 7724), (254, 7817), (274, 7853), (302, 7907), (353, 8003), (413, 8114), (444, 8192), (451, 8210), (454, 8213), (492, 8282), (530, 8384), (570, 8465), (588, 8522), (604, 8570), (630, 8636), (644, 8669), (665, 8705), (680, 8726), (682, 8732), (726, 8798), (868, 8993), (910, 9050), (916, 9059), (929, 9080), (931, 9083), (968, 9143), (1045, 9254), (1060, 9290), (1071, 9311), (1080, 9323), (1112, 9368), (1114, 9371), (1136, 9413), (1139, 9416),

Gene: Petruchio_11 Start: 6689, Stop: 8377, Start Num: 95
Candidate Starts for Petruchio_11:
(Start: 95 @6689 has 435 MA's), (Start: 258 @6869 has 2 MA's), (311, 6953), (327, 6989), (339, 7016), (411, 7139), (430, 7172), (469, 7247), (510, 7337), (518, 7361), (534, 7388), (553, 7436), (615, 7580), (620, 7592), (644, 7652), (813, 7877), (819, 7886), (832, 7898), (862, 7940), (882, 7961), (908, 7988), (985, 8096), (1070, 8186), (1139, 8291),

Gene: PetterN_10 Start: 5984, Stop: 7735, Start Num: 63
Candidate Starts for PetterN_10:
(Start: 52 @5957 has 23 MA's), (Start: 63 @5984 has 32 MA's), (Start: 105 @6044 has 1 MA's), (112, 6053), (139, 6092), (196, 6167), (200, 6173), (300, 6305), (339, 6380), (341, 6383), (439, 6557), (510, 6689), (526, 6734), (565, 6812), (570, 6818), (632, 6983), (647, 7016), (661, 7037), (800, 7211), (812, 7235), (901, 7337), (916, 7358), (954, 7412), (979, 7442), (985, 7454), (1014, 7508), (1167, 7688), (1168, 7691), (1196, 7724), (1202, 7730),

Gene: Ph8s_13 Start: 6262, Stop: 8046, Start Num: 96
Candidate Starts for Ph8s_13:
(Start: 96 @6262 has 243 MA's), (250, 6493), (300, 6580), (386, 6733), (408, 6775), (411, 6778), (469, 6889), (479, 6913), (480, 6916), (510, 6979), (518, 7003), (584, 7135), (901, 7648), (916, 7669), (979, 7753), (985, 7765), (1072, 7858), (1083, 7873), (1168, 8002), (1191, 8029), (1193, 8032),

Gene: Phaby_7 Start: 3521, Stop: 5260, Start Num: 187
Candidate Starts for Phaby_7:
(Start: 183 @3515 has 2 MA's), (Start: 187 @3521 has 203 MA's), (254, 3620), (322, 3740), (376, 3839), (413, 3911), (444, 3989), (454, 4010), (506, 4112), (530, 4181), (539, 4205), (543, 4214), (604, 4367), (634, 4442), (644, 4466), (704, 4571), (726, 4595), (778, 4676), (868, 4790), (876, 4808), (879,

4814), (916, 4856), (929, 4877), (931, 4880), (1026, 5045), (1051, 5060), (1059, 5084), (1071, 5108), (1080, 5120), (1094, 5138), (1136, 5210), (1139, 5213),

Gene: Phacado_11 Start: 6883, Stop: 8580, Start Num: 95
Candidate Starts for Phacado_11:
(Start: 95 @6883 has 435 MA's), (Start: 122 @6907 has 1 MA's), (Start: 207 @7030 has 2 MA's), (293, 7120), (311, 7153), (362, 7252), (408, 7336), (411, 7339), (432, 7378), (469, 7447), (479, 7471), (510, 7537), (550, 7627), (620, 7792), (661, 7879), (685, 7912), (740, 7978), (798, 8050), (800, 8053), (812, 8077), (852, 8128), (862, 8143), (901, 8182), (916, 8203), (985, 8299), (1168, 8536), (1193, 8566), (1196, 8569),

Gene: Phaded_15 Start: 9549, Stop: 11327, Start Num: 96
Candidate Starts for Phaded_15:
(Start: 96 @9549 has 243 MA's), (Start: 120 @9567 has 11 MA's), (200, 9678), (Start: 207 @9690 has 2 MA's), (226, 9732), (231, 9744), (235, 9753), (250, 9777), (300, 9864), (408, 10059), (411, 10062), (432, 10101), (469, 10170), (510, 10260), (518, 10284), (570, 10383), (584, 10416), (733, 10716), (800, 10803), (869, 10902), (901, 10929), (916, 10950), (985, 11046), (1168, 11283), (1191, 11310), (1193, 11313),

Gene: Phaeder_13 Start: 8124, Stop: 9896, Start Num: 114
Candidate Starts for Phaeder_13:
(Start: 96 @8109 has 243 MA's), (Start: 114 @8124 has 11 MA's), (Start: 120 @8130 has 11 MA's), (200, 8241), (250, 8340), (339, 8502), (381, 8574), (411, 8628), (432, 8667), (469, 8739), (510, 8829), (518, 8853), (580, 8970), (584, 8985), (622, 9093), (659, 9168), (685, 9204), (717, 9264), (806, 9384), (817, 9405), (852, 9444), (901, 9498), (904, 9501), (916, 9519), (954, 9573), (979, 9603), (985, 9615), (1070, 9705), (1083, 9723), (1168, 9852), (1191, 9879), (1193, 9882),

Gene: PhailMary_7 Start: 3222, Stop: 4904, Start Num: 104
Candidate Starts for PhailMary_7:
(Start: 104 @3222 has 36 MA's), (Start: 258 @3408 has 2 MA's), (300, 3480), (311, 3492), (323, 3516), (327, 3528), (411, 3681), (420, 3696), (449, 3756), (510, 3864), (534, 3921), (618, 4119), (623, 4137), (647, 4191), (778, 4335), (800, 4377), (817, 4410), (862, 4467), (869, 4479), (985, 4623), (1010, 4668), (1081, 4728), (1142, 4827), (1168, 4860), (1191, 4887), (1193, 4890), (1196, 4893),

Gene: Phaila_8 Start: 3499, Stop: 5232, Start Num: 187
Candidate Starts for Phaila_8:
(Start: 187 @3499 has 203 MA's), (254, 3598), (302, 3688), (388, 3835), (413, 3883), (444, 3961), (451, 3979), (454, 3982), (492, 4051), (530, 4153), (539, 4177), (570, 4234), (604, 4339), (644, 4438), (661, 4468), (685, 4510), (726, 4567), (771, 4636), (778, 4648), (868, 4762), (876, 4780), (929, 4849), (931, 4852), (1051, 5032), (1059, 5056), (1071, 5080), (1080, 5092), (1089, 5104), (1112, 5137), (1136, 5182), (1139, 5185),

Gene: Phalconet_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Phalconet_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Phanphagia_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Phanphagia_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Phantastic_11 Start: 6458, Stop: 8155, Start Num: 95
Candidate Starts for Phantastic_11:
(Start: 95 @6458 has 435 MA's), (152, 6530), (311, 6728), (339, 6791), (403, 6902), (411, 6914), (432, 6953), (438, 6965), (469, 7022), (479, 7046), (499, 7076), (510, 7112), (513, 7121), (550, 7202), (565, 7229), (620, 7367), (647, 7433), (661, 7454), (685, 7487), (740, 7553), (800, 7628), (812, 7652), (813, 7655), (817, 7661), (825, 7670), (862, 7718), (901, 7757), (916, 7778), (985, 7874), (1014, 7928), (1145, 8081), (1168, 8111), (1193, 8141), (1196, 8144),

Gene: PhaoMing_1 Start: 438, Stop: 2204, Start Num: 66
Candidate Starts for PhaoMing_1:
(64, 435), (Start: 66 @438 has 7 MA's), (82, 462), (Start: 122 @510 has 1 MA's), (127, 516), (Start: 143 @546 has 83 MA's), (215, 648), (Start: 258 @690 has 2 MA's), (Start: 271 @711 has 3 MA's), (300, 762), (302, 765), (311, 774), (323, 798), (327, 810), (362, 870), (365, 876), (378, 897), (381, 903), (386, 912), (400, 939), (439, 1011), (442, 1020), (510, 1143), (536, 1206), (550, 1239), (583, 1299), (584, 1302), (599, 1338), (600, 1344), (606, 1362), (607, 1365), (642, 1422), (697, 1509), (735, 1539), (775, 1569), (776, 1572), (778, 1575), (806, 1629), (813, 1644), (825, 1659), (869, 1722), (934, 1830), (967, 1872), (979, 1899), (985, 1911), (1002, 1941), (1042, 1986), (1072, 2010), (1095, 2040), (1105, 2058), (1113, 2064), (1139, 2109), (1142, 2118), (1150, 2130), (1152, 2133), (1174, 2157),

Gene: Pharaoh_12 Start: 7906, Stop: 9693, Start Num: 96
Candidate Starts for Pharaoh_12:
(Start: 96 @7906 has 243 MA's), (Start: 120 @7927 has 11 MA's), (193, 8029), (200, 8038), (250, 8137), (265, 8167), (267, 8170), (386, 8380), (411, 8425), (432, 8464), (469, 8536), (479, 8560), (510, 8626), (518, 8650), (570, 8749), (580, 8767), (584, 8782), (746, 9097), (800, 9169), (852, 9241), (869, 9268), (901, 9295), (904, 9298), (916, 9316), (985, 9412), (1167, 9646), (1168, 9649), (1191, 9676), (1193, 9679), (1196, 9682),

Gene: Phasih_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Phasih_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Phatniss_2 Start: 572, Stop: 2209, Start Num: 111

Candidate Starts for Phatniss_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (147, 617), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (230, 737), (244, 758), (312, 845), (315, 851), (352, 905), (369, 917), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (415, 998), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1024, 1979), (1069, 2006), (1094, 2039), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: Phelipe_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Phelipe_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Phepper_17 Start: 10301, Stop: 12046, Start Num: 187
Candidate Starts for Phepper_17:
(Start: 187 @10301 has 203 MA's), (195, 10307), (254, 10400), (274, 10436), (302, 10490), (322, 10520), (395, 10667), (444, 10775), (451, 10793), (454, 10796), (492, 10865), (522, 10949), (530, 10967), (555, 11024), (604, 11153), (644, 11252), (647, 11258), (704, 11357), (726, 11381), (863, 11567), (868, 11576), (916, 11642), (929, 11663), (931, 11666), (1051, 11846), (1069, 11891), (1071, 11894), (1080, 11906), (1136, 11996), (1139, 11999),

Gene: Pherobrine_14 Start: 8056, Stop: 9801, Start Num: 187
Candidate Starts for Pherobrine_14:
(Start: 187 @8056 has 203 MA's), (195, 8062), (252, 8149), (254, 8155), (274, 8191), (302, 8245), (323, 8278), (388, 8404), (427, 8482), (444, 8530), (451, 8548), (454, 8551), (492, 8620), (530, 8722), (555, 8779), (604, 8908), (644, 9007), (647, 9013), (665, 9043), (682, 9070), (726, 9136), (847, 9295), (866, 9328), (868, 9331), (871, 9337), (899, 9373), (916, 9397), (929, 9418), (931, 9421), (1071, 9649), (1080, 9661), (1094, 9679), (1136, 9751), (1139, 9754),

Gene: PherrisBueller_12 Start: 6899, Stop: 8587, Start Num: 95
Candidate Starts for PherrisBueller_12:
(Start: 95 @6899 has 435 MA's), (Start: 258 @7079 has 2 MA's), (311, 7163), (327, 7199), (411, 7349), (469, 7457), (510, 7547), (518, 7571), (534, 7598), (553, 7646), (620, 7802), (644, 7862), (819, 8096), (832, 8108), (862, 8150), (882, 8171), (908, 8198), (985, 8306), (1070, 8396), (1139, 8501),

Gene: PherryCruz_6 Start: 2653, Stop: 4398, Start Num: 187
Candidate Starts for PherryCruz_6:
(Start: 187 @2653 has 203 MA's), (195, 2659), (229, 2707), (252, 2746), (254, 2752), (413, 3049), (444, 3127), (454, 3148), (492, 3217), (530, 3319), (604, 3505), (647, 3610), (726, 3733), (771, 3805), (876, 3946), (929, 4015), (931, 4018), (1012, 4156), (1060, 4225), (1071, 4246), (1074, 4249), (1080, 4258), (1094, 4276), (1114, 4306), (1136, 4348), (1139, 4351),

Gene: PhesterPhotato_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for PhesterPhotato_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217),

(518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Phettuccine_6 Start: 2402, Stop: 4048, Start Num: 73
Candidate Starts for Phettuccine_6:
(Start: 73 @2402 has 95 MA's), (Start: 86 @2420 has 10 MA's), (283, 2624), (326, 2705), (400, 2840), (413, 2861), (458, 2948), (497, 3020), (510, 3044), (556, 3143), (584, 3197), (638, 3296), (673, 3356), (806, 3518), (811, 3527), (869, 3617), (901, 3644), (957, 3722), (959, 3725), (985, 3764), (1001, 3785), (1003, 3791), (1010, 3809), (1105, 3905), (1142, 3965),

Gene: PhigPhack_3 Start: 689, Stop: 2317, Start Num: 171
Candidate Starts for PhigPhack_3:
(Start: 171 @689 has 84 MA's), (278, 845), (342, 953), (398, 1037), (415, 1061), (425, 1079), (464, 1136), (498, 1187), (500, 1190), (521, 1250), (531, 1268), (542, 1298), (558, 1328), (829, 1784), (838, 1799), (1095, 2150), (1129, 2198), (1215, 2306),

Gene: Phighter1804_11 Start: 6860, Stop: 8557, Start Num: 95
Candidate Starts for Phighter1804_11:
(Start: 95 @6860 has 435 MA's), (Start: 122 @6884 has 1 MA's), (Start: 207 @7007 has 2 MA's), (293, 7097), (311, 7130), (362, 7229), (408, 7313), (411, 7316), (432, 7355), (469, 7424), (479, 7448), (510, 7514), (550, 7604), (620, 7769), (661, 7856), (685, 7889), (740, 7955), (798, 8027), (800, 8030), (812, 8054), (852, 8105), (862, 8120), (901, 8159), (916, 8180), (985, 8276), (1168, 8513), (1193, 8543), (1196, 8546),

Gene: Phillis_9 Start: 5664, Stop: 7418, Start Num: 63
Candidate Starts for Phillis_9:
(Start: 63 @5664 has 32 MA's), (Start: 86 @5706 has 10 MA's), (Start: 125 @5745 has 1 MA's), (200, 5853), (339, 6060), (386, 6138), (449, 6261), (465, 6288), (510, 6369), (570, 6498), (632, 6663), (647, 6696), (743, 6816), (798, 6888), (800, 6891), (882, 7002), (916, 7041), (985, 7137), (1081, 7242), (1142, 7341), (1168, 7374), (1196, 7407), (1202, 7413),

Gene: Philus_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for Philus_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (147, 617), (Start: 185 @653 has 2 MA's), (188, 656), (200, 674), (224, 719), (244, 758), (312, 845), (315, 851), (352, 905), (369, 917), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (601, 1388), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1024, 1979), (1069, 2006), (1094, 2039), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: PhirstandPhine_4 Start: 1013, Stop: 2494, Start Num: 246
Candidate Starts for PhirstandPhine_4:
(Start: 134 @848 has 16 MA's), (Start: 246 @1013 has 12 MA's), (Start: 272 @1052 has 48 MA's), (313, 1103), (319, 1115), (333, 1151), (342, 1169), (464, 1352), (521, 1466), (526, 1478), (531, 1484), (548, 1526), (554, 1538), (559, 1547), (569, 1562), (589, 1619), (787, 1934), (829, 2000), (837, 2012), (862, 2045), (903, 2084), (912, 2096), (923, 2117), (956, 2162), (982, 2192), (1008, 2237), (1038, 2279), (1125, 2402), (1129, 2408), (1144, 2429), (1151, 2441), (1187, 2480), (1190, 2483),

Gene: Phisb_3 Start: 677, Stop: 2305, Start Num: 171
Candidate Starts for Phisb_3:
(Start: 171 @677 has 84 MA's), (278, 833), (342, 941), (398, 1025), (415, 1049), (425, 1067), (464, 1124), (498, 1175), (500, 1178), (521, 1238), (531, 1256), (542, 1286), (558, 1316), (829, 1772), (838, 1787), (1013, 2015), (1095, 2138), (1129, 2186), (1215, 2294),

Gene: PhishRPhriends_12 Start: 6220, Stop: 7920, Start Num: 102
Candidate Starts for PhishRPhriends_12:
(Start: 102 @6220 has 88 MA's), (137, 6268), (Start: 191 @6340 has 2 MA's), (253, 6403), (411, 6682), (510, 6880), (550, 6970), (583, 7033), (644, 7195), (800, 7393), (812, 7417), (813, 7420), (862, 7483), (869, 7495), (882, 7504), (901, 7522), (916, 7543), (985, 7639), (1014, 7693), (1070, 7729), (1168, 7876), (1193, 7906), (1196, 7909),

Gene: Phives_3 Start: 1606, Stop: 3312, Start Num: 95
Candidate Starts for Phives_3:
(Start: 95 @1606 has 435 MA's), (411, 2035), (436, 2083), (482, 2173), (546, 2305), (570, 2347), (710, 2599), (800, 2722), (959, 2941), (985, 2977), (997, 2992), (1081, 3127), (1142, 3223), (1150, 3235),

Gene: Phlei_8 Start: 7957, Stop: 9663, Start Num: 139
Candidate Starts for Phlei_8:
(Start: 96 @7912 has 243 MA's), (139, 7957), (241, 8119), (250, 8137), (283, 8188), (311, 8236), (339, 8299), (381, 8368), (386, 8377), (411, 8422), (469, 8533), (479, 8557), (480, 8560), (510, 8623), (513, 8632), (518, 8647), (553, 8722), (584, 8779), (598, 8815), (605, 8839), (638, 8923), (661, 8965), (732, 9052), (740, 9064), (800, 9139), (806, 9151), (812, 9163), (813, 9166), (862, 9226), (901, 9265), (908, 9274), (916, 9286), (985, 9382), (1024, 9451), (1139, 9577), (1142, 9586), (1145, 9589), (1168, 9619), (1191, 9646), (1193, 9649),

Gene: PhlipPhlop_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for PhlipPhlop_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Phlorence_9 Start: 6269, Stop: 8047, Start Num: 52
Candidate Starts for Phlorence_9:
(Start: 52 @6269 has 23 MA's), (Start: 63 @6296 has 32 MA's), (112, 6365), (139, 6404), (196, 6479), (200, 6485), (300, 6617), (339, 6692), (341, 6695), (420, 6830), (439, 6869), (449, 6893), (510, 7001), (526, 7046), (565, 7124), (570, 7130), (632, 7295), (647, 7328), (661, 7349), (800, 7523), (812, 7547), (813, 7550), (862, 7610), (869, 7622), (901, 7649), (916, 7670), (979, 7754), (985, 7766), (1168, 8003), (1196, 8036), (1202, 8042),

Gene: PhluffyCoco_2 Start: 370, Stop: 1992, Start Num: 149
Candidate Starts for PhluffyCoco_2:
(Start: 134 @349 has 16 MA's), (Start: 149 @370 has 162 MA's), (313, 601), (315, 604), (319, 613), (333, 649), (342, 667), (394, 745), (464, 850), (521, 964), (534, 988), (548, 1024), (559, 1045), (569, 1060), (589, 1120), (628, 1204), (780, 1420), (787, 1432), (798, 1459), (829, 1498), (834, 1504), (862, 1543), (889, 1570), (903, 1582), (923, 1615), (932, 1627), (956, 1660), (1072, 1831), (1125, 1900),

(1129, 1906), (1144, 1927), (1159, 1948), (1187, 1978), (1190, 1981), (1192, 1984),

Gene: Phoebe_13 Start: 6955, Stop: 8655, Start Num: 102
Candidate Starts for Phoebe_13:
(Start: 102 @6955 has 88 MA's), (137, 7003), (253, 7138), (362, 7330), (411, 7417), (510, 7615), (550, 7705), (583, 7768), (644, 7930), (800, 8128), (812, 8152), (813, 8155), (862, 8218), (882, 8239), (916, 8278), (985, 8374), (1014, 8428), (1070, 8464), (1168, 8611), (1193, 8641), (1196, 8644),

Gene: Phomeo_23 Start: 12804, Stop: 14531, Start Num: 110
Candidate Starts for Phomeo_23:
(22, 12570), (49, 12699), (Start: 110 @12804 has 12 MA's), (222, 12954), (247, 13005), (251, 13011), (281, 13050), (299, 13080), (315, 13104), (324, 13122), (332, 13149), (359, 13212), (369, 13230), (514, 13515), (523, 13542), (565, 13626), (604, 13710), (608, 13722), (621, 13755), (675, 13833), (741, 13911), (800, 13983), (818, 14016), (855, 14079), (869, 14106), (893, 14130), (908, 14154), (988, 14253), (1013, 14301), (1139, 14439), (1157, 14469), (1200, 14523),

Gene: Phonnegut_13 Start: 8163, Stop: 9929, Start Num: 120
Candidate Starts for Phonnegut_13:
(Start: 96 @8142 has 243 MA's), (Start: 114 @8157 has 11 MA's), (Start: 120 @8163 has 11 MA's), (200, 8274), (250, 8373), (339, 8535), (381, 8607), (411, 8661), (432, 8700), (469, 8772), (510, 8862), (518, 8886), (580, 9003), (584, 9018), (622, 9126), (659, 9201), (685, 9237), (717, 9297), (806, 9417), (817, 9438), (852, 9477), (901, 9531), (904, 9534), (916, 9552), (954, 9606), (979, 9636), (985, 9648), (1070, 9738), (1083, 9756), (1168, 9885), (1191, 9912), (1193, 9915),

Gene: Phontbonne_11 Start: 6828, Stop: 8525, Start Num: 95
Candidate Starts for Phontbonne_11:
(27, 6651), (30, 6669), (35, 6699), (Start: 95 @6828 has 435 MA's), (Start: 122 @6852 has 1 MA's), (Start: 207 @6975 has 2 MA's), (293, 7065), (311, 7098), (362, 7197), (408, 7281), (411, 7284), (432, 7323), (469, 7392), (479, 7416), (510, 7482), (550, 7572), (620, 7737), (661, 7824), (685, 7857), (740, 7923), (798, 7995), (800, 7998), (812, 8022), (852, 8073), (862, 8088), (901, 8127), (916, 8148), (985, 8244), (1168, 8481), (1193, 8511), (1196, 8514),

Gene: Phoxy_13 Start: 7041, Stop: 8741, Start Num: 102
Candidate Starts for Phoxy_13:
(Start: 102 @7041 has 88 MA's), (137, 7089), (253, 7224), (362, 7416), (411, 7503), (510, 7701), (550, 7791), (583, 7854), (644, 8016), (800, 8214), (812, 8238), (813, 8241), (862, 8304), (882, 8325), (916, 8364), (985, 8460), (1014, 8514), (1070, 8550), (1168, 8697), (1193, 8727), (1196, 8730),

Gene: Phrankenstein_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Phrankenstein_8:
(Start: 104 @3156 has 36 MA's), (Start: 258 @3342 has 2 MA's), (300, 3414), (311, 3426), (323, 3450), (327, 3462), (411, 3615), (420, 3630), (449, 3690), (510, 3798), (534, 3855), (618, 4053), (623, 4071), (647, 4125), (778, 4269), (798, 4308), (800, 4311), (817, 4344), (869, 4413), (985, 4557), (1010, 4602), (1081, 4662), (1142, 4761), (1168, 4794), (1191, 4821), (1193, 4824), (1196, 4827),

Gene: Phranny_14 Start: 7027, Stop: 8727, Start Num: 102
Candidate Starts for Phranny_14:
(Start: 102 @7027 has 88 MA's), (137, 7075), (253, 7210), (411, 7489), (510, 7687), (550, 7777), (583, 7840), (644, 8002), (800, 8200), (812, 8224), (813, 8227), (862, 8290), (869, 8302), (882, 8311), (901, 8329), (916, 8350), (985, 8446), (1014, 8500), (1070, 8536), (1168, 8683), (1193, 8713), (1196, 8716),

Gene: PhrostyMug_11 Start: 7045, Stop: 8733, Start Num: 95
Candidate Starts for PhrostyMug_11:

(Start: 95 @7045 has 435 MA's), (311, 7309), (323, 7333), (411, 7495), (430, 7528), (469, 7603), (510, 7693), (518, 7717), (534, 7744), (553, 7792), (620, 7948), (644, 8008), (813, 8233), (819, 8242), (832, 8254), (862, 8296), (882, 8317), (908, 8344), (985, 8452), (1070, 8542), (1139, 8647),

Gene: Phrux_8 Start: 2260, Stop: 3930, Start Num: 272
Candidate Starts for Phrux_8:
(Start: 272 @2260 has 48 MA's), (309, 2323), (435, 2557), (487, 2659), (570, 2839), (576, 2863), (585, 2881), (595, 2893), (616, 2956), (621, 2968), (642, 3013), (649, 3028), (700, 3106), (728, 3151), (759, 3205), (760, 3211), (814, 3325), (910, 3469), (922, 3490), (933, 3505), (1014, 3658), (1022, 3670), (1065, 3727), (1091, 3763), (1124, 3814), (1142, 3850), (1145, 3853), (1193, 3919),

Gene: Picconator_3 Start: 1086, Stop: 2546, Start Num: 149
Candidate Starts for Picconator_3:
(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (642, 1881), (649, 1896), (674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: PickleBack_9 Start: 5979, Stop: 7757, Start Num: 52
Candidate Starts for PickleBack_9:
(Start: 52 @5979 has 23 MA's), (Start: 63 @6006 has 32 MA's), (112, 6075), (139, 6114), (196, 6189), (200, 6195), (300, 6327), (339, 6402), (341, 6405), (420, 6540), (439, 6579), (449, 6603), (510, 6711), (526, 6756), (565, 6834), (570, 6840), (632, 7005), (647, 7038), (661, 7059), (800, 7233), (812, 7257), (813, 7260), (862, 7320), (869, 7332), (901, 7359), (916, 7380), (979, 7464), (985, 7476), (1168, 7713), (1196, 7746), (1202, 7752),

Gene: Picnic_3 Start: 1074, Stop: 2534, Start Num: 149
Candidate Starts for Picnic_3:
(Start: 149 @1074 has 162 MA's), (Start: 272 @1242 has 48 MA's), (278, 1251), (315, 1311), (348, 1380), (366, 1401), (394, 1452), (520, 1656), (642, 1869), (649, 1884), (674, 1920), (703, 1962), (739, 1995), (765, 2013), (834, 2133), (835, 2136), (848, 2148), (905, 2223), (944, 2286), (958, 2304), (960, 2307), (1098, 2469), (1104, 2478), (1110, 2487), (1135, 2526),

Gene: Pineda_4 Start: 1013, Stop: 2494, Start Num: 246
Candidate Starts for Pineda_4:
(Start: 134 @848 has 16 MA's), (Start: 246 @1013 has 12 MA's), (Start: 272 @1052 has 48 MA's), (313, 1103), (319, 1115), (333, 1151), (342, 1169), (464, 1352), (521, 1466), (526, 1478), (548, 1526), (559, 1547), (569, 1562), (589, 1619), (787, 1934), (829, 2000), (837, 2012), (862, 2045), (903, 2084), (909, 2093), (912, 2096), (956, 2162), (982, 2192), (1008, 2237), (1038, 2279), (1054, 2306), (1055, 2309), (1125, 2402), (1129, 2408), (1144, 2429), (1151, 2441), (1187, 2480), (1190, 2483),

Gene: PinkFriday_2 Start: 599, Stop: 1993, Start Num: 245
Candidate Starts for PinkFriday_2:
(Start: 129 @428 has 79 MA's), (Start: 245 @599 has 2 MA's), (313, 692), (317, 701), (330, 734), (338, 749), (342, 758), (364, 782), (394, 836), (455, 947), (464, 965), (500, 1019), (521, 1079), (548, 1139), (564, 1169), (637, 1268), (661, 1316), (764, 1442), (768, 1451), (787, 1487), (789, 1493), (806, 1529), (837, 1565), (897, 1637), (907, 1643), (1095, 1859), (1151, 1940), (1192, 1979),

Gene: PinkPlastic_10 Start: 6814, Stop: 8502, Start Num: 95
Candidate Starts for PinkPlastic_10:
(Start: 95 @6814 has 435 MA's), (Start: 258 @6994 has 2 MA's), (311, 7078), (327, 7114), (339, 7141), (394, 7237), (411, 7264), (430, 7297), (469, 7372), (510, 7462), (518, 7486), (553, 7561), (591, 7630), (620, 7717), (622, 7726), (644, 7777), (819, 8011), (832, 8023), (862, 8065), (882, 8086), (908, 8113),

(985, 8221), (1070, 8311), (1139, 8416),

Gene: Pinto_13 Start: 7121, Stop: 8809, Start Num: 95
Candidate Starts for Pinto_13:
(Start: 95 @7121 has 435 MA's), (311, 7385), (323, 7409), (411, 7571), (430, 7604), (469, 7679), (510, 7769), (518, 7793), (534, 7820), (553, 7868), (620, 8024), (644, 8084), (813, 8309), (819, 8318), (832, 8330), (862, 8372), (882, 8393), (908, 8420), (985, 8528), (1070, 8618), (1139, 8723),

Gene: Pioneer_13 Start: 8157, Stop: 9929, Start Num: 114
Candidate Starts for Pioneer_13:
(Start: 96 @8142 has 243 MA's), (Start: 114 @8157 has 11 MA's), (Start: 120 @8163 has 11 MA's), (200, 8274), (250, 8373), (339, 8535), (381, 8607), (411, 8661), (432, 8700), (469, 8772), (510, 8862), (518, 8886), (580, 9003), (584, 9018), (622, 9126), (659, 9201), (685, 9237), (717, 9297), (806, 9417), (817, 9438), (852, 9477), (901, 9531), (904, 9534), (916, 9552), (954, 9606), (979, 9636), (985, 9648), (1070, 9738), (1083, 9756), (1168, 9885), (1191, 9912), (1193, 9915),

Gene: Pipcraft_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Pipcraft_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Pippin_13 Start: 7322, Stop: 9010, Start Num: 107
Candidate Starts for Pippin_13:
(Start: 107 @7322 has 24 MA's), (253, 7493), (Start: 258 @7502 has 2 MA's), (311, 7586), (324, 7613), (327, 7622), (411, 7772), (430, 7805), (469, 7880), (510, 7970), (518, 7994), (534, 8021), (553, 8069), (620, 8225), (644, 8285), (813, 8510), (819, 8519), (832, 8531), (862, 8573), (882, 8594), (908, 8621), (985, 8729), (1070, 8819), (1139, 8924),

Gene: Pippin15_11 Start: 6982, Stop: 8742, Start Num: 187
Candidate Starts for Pippin15_11:
(Start: 187 @6982 has 203 MA's), (204, 7003), (243, 7057), (252, 7075), (254, 7081), (287, 7132), (391, 7336), (399, 7354), (413, 7378), (429, 7411), (444, 7456), (454, 7477), (530, 7648), (545, 7684), (584, 7780), (588, 7786), (604, 7834), (644, 7933), (682, 7996), (685, 8005), (726, 8062), (771, 8146), (778, 8158), (783, 8170), (868, 8272), (929, 8359), (931, 8362), (1059, 8566), (1071, 8590), (1080, 8602), (1133, 8683), (1139, 8695),

Gene: Pippy_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for Pippy_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (147, 617), (Start: 158 @629 has 2 MA's), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (244, 758), (312, 845), (352, 905), (369, 917), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (415, 998), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (601, 1388), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1024, 1979), (1069, 2006), (1094, 2039), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: Piro94_13 Start: 7941, Stop: 9728, Start Num: 96
Candidate Starts for Piro94_13:

(23, 7755), (50, 7857), (Start: 96 @7941 has 243 MA's), (179, 8049), (193, 8070), (250, 8178), (411, 8463), (469, 8571), (510, 8661), (518, 8685), (580, 8802), (584, 8817), (800, 9204), (901, 9330), (916, 9351), (979, 9435), (985, 9447), (1168, 9684), (1191, 9711), (1193, 9714), (1196, 9717), (1199, 9720),

Gene: Pistachio_12 Start: 6043, Stop: 7740, Start Num: 95
Candidate Starts for Pistachio_12:
(Start: 95 @6043 has 435 MA's), (Start: 122 @6067 has 1 MA's), (152, 6115), (311, 6313), (339, 6376), (403, 6487), (411, 6499), (432, 6538), (438, 6550), (469, 6607), (479, 6631), (510, 6697), (513, 6706), (550, 6787), (565, 6814), (620, 6952), (661, 7039), (685, 7072), (740, 7138), (800, 7213), (812, 7237), (813, 7240), (817, 7246), (825, 7255), (852, 7288), (862, 7303), (916, 7363), (985, 7459), (1010, 7504), (1014, 7513), (1145, 7666), (1168, 7696), (1193, 7726), (1196, 7729),

Gene: Pita2_13 Start: 7479, Stop: 9167, Start Num: 95
Candidate Starts for Pita2_13:
(Start: 95 @7479 has 435 MA's), (Start: 258 @7659 has 2 MA's), (311, 7743), (327, 7779), (339, 7806), (411, 7929), (469, 8037), (510, 8127), (518, 8151), (534, 8178), (553, 8226), (620, 8382), (644, 8442), (819, 8676), (832, 8688), (862, 8730), (882, 8751), (908, 8778), (985, 8886), (1070, 8976), (1139, 9081),

Gene: PitaDog_2 Start: 426, Stop: 1991, Start Num: 129
Candidate Starts for PitaDog_2:
(Start: 129 @426 has 79 MA's), (211, 549), (254, 615), (Start: 268 @636 has 4 MA's), (Start: 272 @639 has 48 MA's), (313, 690), (330, 732), (342, 756), (364, 780), (452, 942), (521, 1077), (532, 1098), (548, 1137), (625, 1236), (637, 1266), (642, 1281), (661, 1314), (692, 1362), (694, 1371), (768, 1449), (787, 1485), (804, 1524), (834, 1557), (838, 1566), (861, 1593), (912, 1647), (939, 1689), (1001, 1734), (1008, 1755), (1022, 1779), (1095, 1857),

Gene: Pixelle_2 Start: 533, Stop: 2239, Start Num: 95
Candidate Starts for Pixelle_2:
(Start: 95 @533 has 435 MA's), (Start: 176 @599 has 8 MA's), (379, 905), (411, 962), (422, 983), (436, 1010), (482, 1100), (513, 1154), (532, 1199), (570, 1274), (710, 1526), (800, 1649), (929, 1829), (985, 1904), (997, 1919), (1081, 2054), (1105, 2090), (1142, 2150), (1150, 2162), (1176, 2192),

Gene: Pleakley_33 Start: 12932, Stop: 14611, Start Num: 109
Candidate Starts for Pleakley_33:
(Start: 109 @12932 has 4 MA's), (112, 12938), (200, 13043), (251, 13142), (281, 13181), (299, 13211), (315, 13235), (415, 13391), (514, 13592), (534, 13637), (604, 13787), (608, 13799), (818, 14093), (839, 14126), (893, 14207), (988, 14330), (996, 14342), (1063, 14405), (1112, 14474), (1139, 14516), (1157, 14546), (1186, 14588), (1200, 14603),

Gene: Pmask_15 Start: 7523, Stop: 9277, Start Num: 96
Candidate Starts for Pmask_15:
(Start: 96 @7523 has 243 MA's), (250, 7754), (283, 7805), (300, 7841), (339, 7916), (411, 8039), (432, 8078), (469, 8147), (479, 8171), (480, 8174), (510, 8237), (518, 8261), (583, 8390), (584, 8393), (623, 8504), (732, 8666), (800, 8753), (806, 8765), (812, 8777), (852, 8825), (862, 8840), (901, 8879), (916, 8900), (979, 8984), (985, 8996), (1168, 9233), (1191, 9260), (1193, 9263),

Gene: PoRanda_3 Start: 1104, Stop: 2564, Start Num: 149
Candidate Starts for PoRanda_3:
(Start: 149 @1104 has 162 MA's), (Start: 154 @1110 has 4 MA's), (Start: 272 @1272 has 48 MA's), (278, 1281), (315, 1341), (348, 1410), (366, 1431), (387, 1467), (394, 1482), (520, 1686), (592, 1821), (642, 1899), (649, 1914), (661, 1932), (674, 1950), (703, 1992), (739, 2025), (765, 2043), (834, 2163), (835, 2166), (848, 2178), (857, 2190), (905, 2253), (941, 2310), (944, 2316), (949, 2325), (958, 2334),

(960, 2337), (1098, 2499), (1104, 2508), (1110, 2517), (1135, 2556),

Gene: Pocahontas_12 Start: 7041, Stop: 8738, Start Num: 95
Candidate Starts for Pocahontas_12:
(Start: 95 @7041 has 435 MA's), (Start: 122 @7065 has 1 MA's), (311, 7311), (403, 7485), (411, 7497), (432, 7536), (438, 7548), (469, 7605), (479, 7629), (510, 7695), (513, 7704), (550, 7785), (570, 7818), (620, 7950), (623, 7962), (647, 8016), (661, 8037), (685, 8070), (732, 8124), (800, 8211), (812, 8235), (813, 8238), (817, 8244), (825, 8253), (862, 8301), (901, 8340), (904, 8343), (916, 8361), (985, 8457), (1014, 8511), (1145, 8664), (1168, 8694), (1193, 8724), (1196, 8727),

Gene: Poco6_016 Start: 15744, Stop: 17489, Start Num: 187
Candidate Starts for Poco6_016:
(Start: 187 @15744 has 203 MA's), (195, 15750), (229, 15798), (252, 15837), (254, 15843), (302, 15933), (323, 15966), (382, 16080), (444, 16218), (451, 16236), (454, 16239), (492, 16308), (518, 16380), (530, 16410), (549, 16455), (582, 16536), (584, 16542), (604, 16596), (630, 16662), (644, 16695), (647, 16701), (680, 16752), (704, 16800), (726, 16824), (866, 17016), (868, 17019), (871, 17025), (910, 17076), (916, 17085), (924, 17100), (929, 17106), (931, 17109), (968, 17169), (1071, 17337), (1080, 17349), (1136, 17439), (1139, 17442),

Gene: PoeMe_8 Start: 3533, Stop: 5266, Start Num: 187
Candidate Starts for PoeMe_8:
(Start: 187 @3533 has 203 MA's), (254, 3632), (388, 3869), (413, 3917), (444, 3995), (451, 4013), (454, 4016), (492, 4085), (530, 4187), (539, 4211), (570, 4268), (604, 4373), (644, 4472), (661, 4502), (685, 4544), (726, 4601), (771, 4670), (778, 4682), (868, 4796), (876, 4814), (929, 4883), (931, 4886), (1051, 5066), (1059, 5090), (1071, 5114), (1080, 5126), (1089, 5138), (1112, 5171), (1136, 5216), (1139, 5219),

Gene: Poenanya_2 Start: 571, Stop: 2208, Start Num: 111
Candidate Starts for Poenanya_2:
(Start: 111 @571 has 202 MA's), (Start: 118 @580 has 1 MA's), (Start: 129 @595 has 79 MA's), (Start: 185 @652 has 2 MA's), (188, 655), (224, 718), (244, 757), (312, 844), (352, 904), (369, 916), (377, 928), (381, 937), (383, 940), (392, 961), (404, 982), (440, 1054), (461, 1093), (502, 1162), (505, 1168), (514, 1198), (515, 1201), (518, 1210), (523, 1225), (534, 1243), (557, 1294), (601, 1387), (604, 1396), (711, 1567), (726, 1579), (800, 1663), (816, 1693), (818, 1696), (820, 1699), (869, 1756), (884, 1771), (889, 1777), (893, 1780), (901, 1795), (908, 1804), (957, 1873), (982, 1903), (988, 1912), (1006, 1945), (1024, 1978), (1069, 2005), (1094, 2038), (1114, 2068), (1127, 2089), (1139, 2113), (1142, 2122), (1145, 2125), (1184, 2182),

Gene: Poise_35 Start: 10438, Stop: 12180, Start Num: 143
Candidate Starts for Poise_35:
(Start: 143 @10438 has 83 MA's), (253, 10555), (283, 10600), (305, 10666), (306, 10681), (323, 10714), (324, 10717), (329, 10732), (341, 10756), (342, 10759), (362, 10789), (375, 10810), (378, 10828), (383, 10837), (402, 10873), (411, 10888), (434, 10933), (458, 10975), (477, 11014), (482, 11026), (497, 11047), (519, 11098), (534, 11119), (635, 11341), (697, 11446), (704, 11455), (749, 11488), (776, 11509), (778, 11512), (789, 11539), (800, 11569), (806, 11581), (813, 11596), (819, 11605), (825, 11611), (852, 11653), (858, 11662), (865, 11677), (882, 11692), (929, 11752), (954, 11791), (980, 11824), (1001, 11854), (1002, 11857), (1040, 11941), (1081, 11995), (1092, 12010), (1113, 12037), (1142, 12091), (1211, 12163), (1213, 12166),

Gene: Polka_3 Start: 684, Stop: 2330, Start Num: 134
Candidate Starts for Polka_3:
(Start: 134 @684 has 16 MA's), (Start: 246 @849 has 12 MA's), (Start: 272 @888 has 48 MA's), (313, 939), (319, 951), (333, 987), (342, 1005), (464, 1188), (521, 1302), (526, 1314), (548, 1362), (559,

1383), (569, 1398), (589, 1455), (787, 1770), (829, 1836), (862, 1881), (903, 1920), (912, 1932), (956, 1998), (982, 2028), (1008, 2073), (1038, 2115), (1054, 2142), (1055, 2145), (1125, 2238), (1129, 2244), (1144, 2265), (1151, 2277), (1187, 2316), (1190, 2319),

Gene: Polka14_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for Polka14_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (Start: 158 @629 has 2 MA's), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (244, 758), (312, 845), (352, 905), (369, 917), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (601, 1388), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1024, 1979), (1069, 2006), (1094, 2039), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: Pollux_2 Start: 485, Stop: 2284, Start Num: 71
Candidate Starts for Pollux_2:
(Start: 71 @485 has 22 MA's), (170, 623), (195, 650), (295, 782), (300, 797), (347, 881), (365, 911), (373, 923), (378, 932), (398, 971), (411, 992), (441, 1052), (456, 1076), (495, 1148), (513, 1184), (527, 1220), (571, 1310), (580, 1331), (596, 1376), (598, 1382), (603, 1400), (608, 1415), (745, 1589), (778, 1616), (813, 1685), (817, 1691), (862, 1757), (869, 1769), (884, 1796), (959, 1907), (979, 1943), (985, 1955), (990, 1961), (1000, 1979), (1011, 2006), (1025, 2030), (1077, 2093), (1105, 2135), (1141, 2192), (1150, 2207), (1165, 2222), (1204, 2270), (1206, 2273),

Gene: Polly_2 Start: 498, Stop: 2222, Start Num: 201
Candidate Starts for Polly_2:
(Start: 190 @483 has 1 MA's), (Start: 201 @498 has 43 MA's), (259, 588), (393, 828), (397, 834), (411, 858), (438, 915), (476, 987), (571, 1185), (590, 1227), (596, 1233), (626, 1317), (641, 1344), (711, 1455), (725, 1482), (826, 1659), (999, 1932), (1001, 1935), (1003, 1941), (1011, 1962), (1034, 2001), (1066, 2049), (1073, 2058), (1091, 2082), (1114, 2100), (1145, 2157), (1194, 2214),

Gene: Polo2Bam_2 Start: 652, Stop: 2208, Start Num: 185
Candidate Starts for Polo2Bam_2:
(Start: 111 @571 has 202 MA's), (Start: 118 @580 has 1 MA's), (Start: 129 @595 has 79 MA's), (Start: 158 @628 has 2 MA's), (Start: 185 @652 has 2 MA's), (188, 655), (224, 718), (244, 757), (312, 844), (352, 904), (377, 928), (381, 937), (383, 940), (392, 961), (404, 982), (415, 997), (440, 1054), (461, 1093), (502, 1162), (505, 1168), (514, 1198), (515, 1201), (518, 1210), (523, 1225), (534, 1243), (557, 1294), (601, 1387), (604, 1396), (711, 1567), (726, 1579), (800, 1663), (816, 1693), (818, 1696), (820, 1699), (869, 1756), (884, 1771), (889, 1777), (893, 1780), (901, 1795), (908, 1804), (957, 1873), (982, 1903), (988, 1912), (1006, 1945), (1014, 1963), (1024, 1978), (1069, 2005), (1094, 2038), (1112, 2065), (1114, 2068), (1127, 2089), (1139, 2113), (1142, 2122), (1145, 2125), (1184, 2182),

Gene: Polymorphads_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Polymorphads_11:
(27, 6707), (30, 6725), (35, 6755), (Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Polyphemus_15 Start: 7525, Stop: 9279, Start Num: 96
Candidate Starts for Polyphemus_15:

(Start: 96 @7525 has 243 MA's), (250, 7756), (283, 7807), (300, 7843), (339, 7918), (411, 8041), (432, 8080), (469, 8149), (479, 8173), (480, 8176), (510, 8239), (518, 8263), (583, 8392), (584, 8395), (623, 8506), (732, 8668), (800, 8755), (806, 8767), (812, 8779), (852, 8827), (862, 8842), (901, 8881), (916, 8902), (979, 8986), (985, 8998), (1168, 9235), (1191, 9262), (1193, 9265),

Gene: Polyyuki_28 Start: 14049, Stop: 15722, Start Num: 111
Candidate Starts for Polyyuki_28:
(Start: 111 @14049 has 202 MA's), (222, 14193), (247, 14244), (281, 14289), (369, 14418), (381, 14439), (392, 14463), (408, 14490), (428, 14523), (458, 14589), (481, 14637), (514, 14700), (523, 14727), (604, 14895), (608, 14907), (675, 15018), (707, 15069), (801, 15168), (855, 15267), (861, 15279), (881, 15306), (893, 15318), (901, 15333), (954, 15408), (988, 15441), (1006, 15474), (1094, 15558), (1107, 15579), (1139, 15627), (1189, 15702),

Gene: Pomar16_15 Start: 7416, Stop: 9203, Start Num: 96
Candidate Starts for Pomar16_15:
(29, 7257), (33, 7284), (72, 7380), (Start: 96 @7416 has 243 MA's), (179, 7524), (193, 7545), (227, 7611), (250, 7653), (300, 7740), (408, 7935), (411, 7938), (469, 8046), (510, 8136), (518, 8160), (570, 8259), (583, 8289), (584, 8292), (623, 8403), (733, 8592), (852, 8751), (862, 8766), (869, 8778), (901, 8805), (916, 8826), (979, 8910), (985, 8922), (1070, 9012), (1168, 9159), (1191, 9186), (1193, 9189),

Gene: PondAmelia_4 Start: 960, Stop: 2585, Start Num: 171
Candidate Starts for PondAmelia_4:
(Start: 171 @960 has 84 MA's), (278, 1116), (319, 1170), (342, 1224), (360, 1239), (398, 1308), (426, 1353), (498, 1458), (500, 1461), (521, 1521), (531, 1539), (532, 1542), (542, 1569), (558, 1599), (628, 1761), (782, 1977), (829, 2052), (837, 2064), (1095, 2418),

Gene: Pondwater_3 Start: 1074, Stop: 2534, Start Num: 149
Candidate Starts for Pondwater_3:
(Start: 149 @1074 has 162 MA's), (Start: 154 @1080 has 4 MA's), (Start: 272 @1242 has 48 MA's), (278, 1251), (315, 1311), (348, 1380), (366, 1401), (394, 1452), (520, 1656), (642, 1869), (649, 1884), (674, 1920), (703, 1962), (739, 1995), (765, 2013), (834, 2133), (835, 2136), (848, 2148), (905, 2223), (944, 2286), (958, 2304), (960, 2307), (1098, 2469), (1104, 2478), (1110, 2487), (1135, 2526),

Gene: Pons_4 Start: 897, Stop: 2573, Start Num: 143
Candidate Starts for Pons_4:
(Start: 143 @897 has 83 MA's), (Start: 191 @948 has 2 MA's), (205, 969), (254, 1014), (334, 1158), (373, 1221), (386, 1254), (405, 1290), (411, 1299), (413, 1302), (430, 1335), (434, 1350), (482, 1449), (497, 1470), (514, 1506), (521, 1527), (540, 1563), (574, 1629), (598, 1683), (678, 1863), (697, 1896), (776, 1962), (778, 1965), (803, 2028), (806, 2034), (929, 2199), (954, 2232), (1003, 2301), (1005, 2307), (1081, 2379), (1083, 2382), (1141, 2472), (1145, 2478), (1165, 2499), (1213, 2559), (1214, 2562),

Gene: Poochiewood_4 Start: 1058, Stop: 2635, Start Num: 99
Candidate Starts for Poochiewood_4:
(Start: 93 @1052 has 92 MA's), (Start: 99 @1058 has 9 MA's), (238, 1229), (304, 1316), (313, 1334), (316, 1340), (330, 1376), (420, 1514), (422, 1517), (464, 1592), (494, 1646), (496, 1649), (498, 1652), (591, 1820), (632, 1874), (637, 1883), (643, 1898), (653, 1919), (685, 1958), (694, 1979), (699, 1985), (722, 2012), (759, 2054), (776, 2078), (786, 2096), (789, 2105), (790, 2111), (804, 2144), (834, 2177), (862, 2216), (865, 2222), (867, 2225), (912, 2270), (962, 2336), (999, 2387), (1005, 2402), (1008, 2411), (1016, 2426), (1018, 2429), (1125, 2531), (1140, 2558), (1181, 2609), (1183, 2612),

Gene: Poompha_10 Start: 4781, Stop: 6472, Start Num: 95
Candidate Starts for Poompha_10:

(Start: 95 @4781 has 435 MA's), (Start: 122 @4805 has 1 MA's), (Start: 271 @4997 has 3 MA's), (300, 5048), (311, 5060), (339, 5123), (386, 5201), (411, 5246), (432, 5285), (458, 5333), (469, 5354), (479, 5378), (510, 5429), (570, 5552), (626, 5699), (650, 5759), (685, 5804), (800, 5945), (835, 5999), (862, 6035), (901, 6074), (916, 6095), (985, 6191), (1024, 6260), (1168, 6428), (1193, 6458), (1196, 6461),

Gene: PopTart_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for PopTart_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Popcicle_12 Start: 7041, Stop: 8738, Start Num: 95
Candidate Starts for Popcicle_12:
(Start: 95 @7041 has 435 MA's), (Start: 122 @7065 has 1 MA's), (311, 7311), (403, 7485), (411, 7497), (432, 7536), (438, 7548), (469, 7605), (479, 7629), (510, 7695), (513, 7704), (550, 7785), (570, 7818), (620, 7950), (623, 7962), (647, 8016), (661, 8037), (685, 8070), (732, 8124), (800, 8211), (812, 8235), (813, 8238), (817, 8244), (825, 8253), (862, 8301), (901, 8340), (904, 8343), (916, 8361), (985, 8457), (1014, 8511), (1145, 8664), (1168, 8694), (1193, 8724), (1196, 8727),

Gene: Popper_4 Start: 1461, Stop: 3161, Start Num: 163
Candidate Starts for Popper_4:
(Start: 146 @1440 has 40 MA's), (Start: 163 @1461 has 23 MA's), (Start: 246 @1605 has 12 MA's), (254, 1620), (278, 1653), (315, 1698), (316, 1701), (333, 1743), (342, 1761), (345, 1764), (364, 1785), (426, 1890), (464, 1944), (521, 2058), (559, 2139), (586, 2214), (642, 2370), (692, 2436), (699, 2451), (789, 2598), (796, 2622), (801, 2631), (822, 2661), (838, 2679), (869, 2721), (932, 2793), (983, 2835), (1072, 2952), (1075, 2955), (1078, 2961), (1119, 3012), (1125, 3024), (1156, 3069), (1181, 3102), (1210, 3141), (1215, 3150),

Gene: Popy_7 Start: 2850, Stop: 4595, Start Num: 187
Candidate Starts for Popy_7:
(Start: 187 @2850 has 203 MA's), (229, 2904), (231, 2907), (252, 2943), (254, 2949), (380, 3183), (430, 3282), (444, 3324), (454, 3345), (476, 3387), (480, 3399), (522, 3498), (530, 3516), (545, 3552), (634, 3777), (644, 3801), (647, 3807), (726, 3930), (771, 3999), (863, 4116), (876, 4143), (929, 4212), (931, 4215), (962, 4266), (1012, 4353), (1059, 4419), (1071, 4443), (1080, 4455), (1094, 4473), (1136, 4545), (1139, 4548),

Gene: Porky_7 Start: 1834, Stop: 3504, Start Num: 269
Candidate Starts for Porky_7:
(Start: 269 @1834 has 11 MA's), (435, 2131), (487, 2233), (570, 2413), (576, 2437), (585, 2455), (595, 2467), (616, 2530), (621, 2542), (642, 2587), (649, 2602), (700, 2680), (728, 2725), (759, 2779), (760, 2785), (814, 2899), (841, 2947), (910, 3043), (922, 3064), (933, 3079), (1014, 3232), (1022, 3244), (1065, 3301), (1091, 3337), (1124, 3388), (1142, 3424), (1145, 3427), (1193, 3493),

Gene: Posh_2 Start: 485, Stop: 2284, Start Num: 71
Candidate Starts for Posh_2:
(Start: 71 @485 has 22 MA's), (170, 623), (295, 782), (300, 797), (347, 881), (365, 911), (373, 923), (378, 932), (398, 971), (411, 992), (456, 1076), (482, 1130), (495, 1148), (510, 1175), (542, 1259),

(571, 1310), (580, 1331), (607, 1412), (661, 1490), (778, 1616), (806, 1670), (813, 1685), (817, 1691), (825, 1700), (862, 1757), (869, 1769), (959, 1907), (979, 1943), (985, 1955), (990, 1961), (1000, 1979), (1011, 2006), (1025, 2030), (1077, 2093), (1105, 2135), (1141, 2192), (1150, 2207), (1165, 2222), (1167, 2225), (1178, 2240), (1204, 2270), (1206, 2273),

Gene: PotPie_4 Start: 1762, Stop: 3438, Start Num: 143
Candidate Starts for PotPie_4:
(Start: 143 @1762 has 83 MA's), (Start: 191 @1813 has 2 MA's), (205, 1834), (254, 1879), (283, 1921), (300, 1957), (334, 2023), (373, 2086), (386, 2119), (405, 2155), (411, 2164), (413, 2167), (434, 2215), (438, 2227), (482, 2314), (574, 2494), (598, 2548), (678, 2728), (697, 2761), (776, 2827), (803, 2893), (806, 2899), (862, 2983), (929, 3064), (954, 3097), (1003, 3166), (1081, 3244), (1145, 3343), (1165, 3364), (1168, 3370), (1213, 3424), (1214, 3427),

Gene: PotatoChip_12 Start: 6678, Stop: 8744, Start Num: 5
Candidate Starts for PotatoChip_12:
(Start: 5 @6678 has 5 MA's), (11, 6735), (27, 6873), (32, 6903), (39, 6927), (92, 7044), (Start: 111 @7065 has 202 MA's), (Start: 129 @7089 has 79 MA's), (175, 7152), (Start: 191 @7176 has 2 MA's), (277, 7338), (291, 7353), (298, 7371), (299, 7374), (315, 7398), (324, 7416), (369, 7473), (371, 7476), (392, 7518), (407, 7545), (418, 7563), (432, 7590), (438, 7608), (439, 7611), (473, 7665), (514, 7749), (515, 7752), (522, 7773), (534, 7794), (570, 7866), (584, 7896), (604, 7947), (646, 8028), (669, 8061), (801, 8223), (881, 8325), (901, 8352), (908, 8361), (996, 8472), (1063, 8535), (1139, 8646), (1142, 8655), (1205, 8736),

Gene: PotatoSplit_14 Start: 6957, Stop: 8657, Start Num: 102
Candidate Starts for PotatoSplit_14:
(Start: 102 @6957 has 88 MA's), (137, 7005), (253, 7140), (362, 7332), (411, 7419), (510, 7617), (550, 7707), (583, 7770), (644, 7932), (800, 8130), (812, 8154), (813, 8157), (862, 8220), (882, 8241), (916, 8280), (985, 8376), (1014, 8430), (1070, 8466), (1168, 8613), (1193, 8643), (1196, 8646),

Gene: Potatoes_5 Start: 3127, Stop: 4692, Start Num: 129
Candidate Starts for Potatoes_5:
(Start: 129 @3127 has 79 MA's), (Start: 268 @3337 has 4 MA's), (313, 3391), (342, 3457), (364, 3481), (485, 3697), (496, 3712), (500, 3718), (521, 3778), (548, 3838), (625, 3937), (637, 3967), (642, 3982), (692, 4063), (764, 4141), (768, 4150), (787, 4186), (804, 4225), (834, 4258), (838, 4267), (861, 4294), (912, 4348), (939, 4390), (1001, 4435), (1008, 4456), (1095, 4558), (1192, 4678),

Gene: Poushou_3 Start: 1236, Stop: 2873, Start Num: 134
Candidate Starts for Poushou_3:
(Start: 134 @1236 has 16 MA's), (150, 1260), (212, 1338), (Start: 271 @1404 has 3 MA's), (327, 1503), (334, 1521), (339, 1530), (342, 1536), (369, 1584), (373, 1590), (378, 1599), (400, 1641), (403, 1647), (405, 1650), (411, 1659), (446, 1737), (510, 1854), (514, 1866), (515, 1869), (521, 1878), (550, 1941), (587, 2013), (598, 2046), (642, 2124), (723, 2235), (778, 2280), (887, 2412), (892, 2418), (976, 2550), (999, 2589), (1069, 2679), (1090, 2706), (1141, 2787), (1150, 2802), (1152, 2805), (1160, 2814), (1199, 2862),

Gene: Powelldog_7 Start: 3349, Stop: 5097, Start Num: 187
Candidate Starts for Powelldog_7:
(Start: 187 @3349 has 203 MA's), (254, 3448), (322, 3568), (413, 3745), (427, 3775), (444, 3823), (454, 3844), (506, 3946), (530, 4015), (539, 4039), (604, 4201), (621, 4246), (634, 4276), (644, 4300), (726, 4429), (771, 4501), (778, 4513), (868, 4627), (914, 4690), (929, 4714), (931, 4717), (954, 4756), (992, 4810), (1055, 4906), (1071, 4945), (1080, 4957), (1094, 4975), (1139, 5050),

Gene: Power_12 Start: 7386, Stop: 9173, Start Num: 96

Candidate Starts for Power_12:
(Start: 96 @7386 has 243 MA's), (179, 7494), (193, 7515), (250, 7623), (262, 7647), (327, 7758), (339, 7785), (408, 7905), (411, 7908), (469, 8016), (510, 8106), (518, 8130), (580, 8247), (584, 8262), (733, 8562), (869, 8748), (901, 8775), (916, 8796), (985, 8892), (1168, 9129), (1191, 9156), (1193, 9159),

Gene: PowerRanger_11 Start: 7306, Stop: 8994, Start Num: 95
Candidate Starts for PowerRanger_11:
(Start: 95 @7306 has 435 MA's), (Start: 258 @7486 has 2 MA's), (311, 7570), (327, 7606), (339, 7633), (411, 7756), (469, 7864), (510, 7954), (518, 7978), (534, 8005), (553, 8053), (591, 8122), (620, 8209), (644, 8269), (813, 8494), (819, 8503), (832, 8515), (862, 8557), (882, 8578), (908, 8605), (985, 8713), (1070, 8803), (1139, 8908),

Gene: Powerpuff_2 Start: 533, Stop: 2290, Start Num: 95
Candidate Starts for Powerpuff_2:
(13, 242), (16, 251), (Start: 95 @533 has 435 MA's), (379, 905), (411, 962), (436, 1010), (482, 1100), (513, 1154), (570, 1274), (604, 1364), (710, 1526), (800, 1700), (985, 1955), (997, 1970), (1024, 2024), (1081, 2105), (1136, 2189), (1150, 2213),

Gene: PrairieDogTown_3 Start: 1243, Stop: 2838, Start Num: 161
Candidate Starts for PrairieDogTown_3:
(Start: 161 @1243 has 13 MA's), (330, 1501), (342, 1525), (347, 1531), (521, 1822), (536, 1852), (559, 1903), (564, 1912), (621, 2014), (625, 2026), (701, 2149), (796, 2278), (956, 2506), (991, 2548), (1190, 2827),

Gene: Preamble_2 Start: 426, Stop: 1991, Start Num: 129
Candidate Starts for Preamble_2:
(Start: 129 @426 has 79 MA's), (211, 549), (313, 690), (316, 696), (334, 741), (342, 756), (347, 762), (364, 780), (496, 1011), (500, 1017), (521, 1077), (625, 1236), (637, 1266), (642, 1281), (701, 1380), (764, 1440), (768, 1449), (804, 1524), (834, 1557), (838, 1566), (861, 1593), (912, 1647), (939, 1689), (1008, 1755), (1095, 1857), (1192, 1977),

Gene: Priamo_15 Start: 7551, Stop: 9305, Start Num: 96
Candidate Starts for Priamo_15:
(Start: 96 @7551 has 243 MA's), (250, 7782), (283, 7833), (300, 7869), (339, 7944), (411, 8067), (432, 8106), (469, 8175), (479, 8199), (480, 8202), (510, 8265), (518, 8289), (570, 8388), (571, 8391), (583, 8418), (584, 8421), (740, 8706), (806, 8793), (812, 8805), (862, 8868), (901, 8907), (916, 8928), (979, 9012), (985, 9024), (1168, 9261), (1191, 9288), (1193, 9291),

Gene: Prinashe11_10 Start: 6156, Stop: 7907, Start Num: 63
Candidate Starts for Prinashe11_10:
(Start: 52 @6129 has 23 MA's), (Start: 63 @6156 has 32 MA's), (112, 6225), (196, 6339), (200, 6345), (300, 6477), (339, 6552), (341, 6555), (362, 6588), (381, 6621), (439, 6729), (449, 6753), (469, 6786), (510, 6861), (526, 6906), (565, 6984), (570, 6990), (591, 7035), (632, 7155), (647, 7188), (661, 7209), (800, 7383), (812, 7407), (813, 7410), (862, 7470), (869, 7482), (901, 7509), (916, 7530), (979, 7614), (985, 7626), (1168, 7863), (1196, 7896), (1202, 7902),

Gene: Pringar_35 Start: 10750, Stop: 12492, Start Num: 143
Candidate Starts for Pringar_35:
(Start: 143 @10750 has 83 MA's), (253, 10867), (283, 10912), (305, 10978), (306, 10993), (323, 11026), (324, 11029), (329, 11044), (341, 11068), (342, 11071), (362, 11101), (375, 11122), (378, 11140), (383, 11149), (402, 11185), (411, 11200), (434, 11245), (458, 11287), (477, 11326), (482, 11338), (497, 11359), (519, 11410), (534, 11431), (635, 11653), (697, 11758), (704, 11767), (749, 11800), (776, 11821), (778, 11824), (789, 11851), (800, 11881), (806, 11893), (813, 11908), (819,

11917), (825, 11923), (852, 11965), (858, 11974), (865, 11989), (882, 12004), (929, 12064), (954, 12103), (980, 12136), (1001, 12166), (1002, 12169), (1040, 12253), (1081, 12307), (1092, 12322), (1113, 12349), (1142, 12403), (1211, 12475), (1213, 12478),

Gene: Priscilla_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for Priscilla_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (147, 617), (Start: 158 @629 has 2 MA's), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (244, 758), (312, 845), (352, 905), (369, 917), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (415, 998), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (601, 1388), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1024, 1979), (1069, 2006), (1094, 2039), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: Priya_13 Start: 8140, Stop: 9927, Start Num: 96
Candidate Starts for Priya_13:
(Start: 96 @8140 has 243 MA's), (Start: 114 @8155 has 11 MA's), (Start: 120 @8161 has 11 MA's), (200, 8272), (250, 8371), (339, 8533), (381, 8605), (411, 8659), (432, 8698), (469, 8770), (510, 8860), (518, 8884), (580, 9001), (584, 9016), (622, 9124), (659, 9199), (685, 9235), (717, 9295), (806, 9415), (817, 9436), (852, 9475), (901, 9529), (904, 9532), (916, 9550), (954, 9604), (979, 9634), (985, 9646), (1070, 9736), (1083, 9754), (1168, 9883), (1191, 9910), (1193, 9913),

Gene: ProMouse_10 Start: 7442, Stop: 9130, Start Num: 95
Candidate Starts for ProMouse_10:
(Start: 95 @7442 has 435 MA's), (Start: 258 @7622 has 2 MA's), (311, 7706), (324, 7733), (327, 7742), (339, 7769), (411, 7892), (469, 8000), (510, 8090), (518, 8114), (553, 8189), (591, 8258), (620, 8345), (622, 8354), (642, 8402), (644, 8405), (819, 8639), (832, 8651), (862, 8693), (882, 8714), (908, 8741), (985, 8849), (1070, 8939), (1139, 9044),

Gene: ProfFrink_8 Start: 3618, Stop: 5366, Start Num: 187
Candidate Starts for ProfFrink_8:
(Start: 174 @3600 has 5 MA's), (Start: 187 @3618 has 203 MA's), (252, 3711), (254, 3717), (292, 3774), (322, 3837), (413, 4014), (444, 4092), (454, 4113), (506, 4215), (530, 4284), (537, 4299), (555, 4341), (604, 4470), (634, 4545), (644, 4569), (704, 4674), (726, 4698), (778, 4782), (868, 4896), (876, 4914), (929, 4983), (931, 4986), (962, 5037), (992, 5079), (1051, 5166), (1060, 5193), (1071, 5214), (1080, 5226), (1094, 5244), (1139, 5319),

Gene: Prospero_4 Start: 800, Stop: 2290, Start Num: 146
Candidate Starts for Prospero_4:
(Start: 146 @800 has 40 MA's), (181, 845), (255, 947), (267, 965), (274, 974), (313, 1025), (315, 1028), (319, 1037), (330, 1067), (345, 1094), (415, 1193), (474, 1292), (486, 1316), (488, 1319), (491, 1322), (513, 1367), (650, 1601), (692, 1649), (694, 1661), (728, 1700), (748, 1718), (768, 1730), (770, 1733), (781, 1754), (785, 1760), (789, 1772), (838, 1850), (874, 1904), (930, 1958), (940, 1970), (970, 2015), (1005, 2063), (1081, 2147), (1125, 2204), (1175, 2273),

Gene: Provolone_7 Start: 2219, Stop: 3874, Start Num: 68
Candidate Starts for Provolone_7:
(Start: 68 @2219 has 2 MA's), (Start: 73 @2228 has 95 MA's), (Start: 74 @2231 has 1 MA's), (Start: 86 @2246 has 10 MA's), (Start: 207 @2378 has 2 MA's), (283, 2450), (300, 2486), (326, 2531), (378, 2624), (386, 2639), (400, 2666), (405, 2675), (413, 2687), (458, 2774), (480, 2822), (510, 2870), (556, 2969), (580, 3008), (638, 3122), (647, 3143), (673, 3182), (743, 3263), (800, 3332), (803, 3338), (811, 3353), (852, 3416), (957, 3548), (985, 3590), (1003, 3617), (1010, 3635), (1072, 3683), (1142, 3791),

Gene: Prudy_14 Start: 9237, Stop: 11024, Start Num: 96
Candidate Starts for Prudy_14:
(Start: 96 @9237 has 243 MA's), (179, 9345), (193, 9366), (250, 9474), (283, 9525), (300, 9561), (339, 9636), (408, 9756), (411, 9759), (469, 9867), (510, 9957), (518, 9981), (584, 10113), (800, 10500), (862, 10587), (869, 10599), (901, 10626), (916, 10647), (985, 10743), (1168, 10980), (1191, 11007), (1193, 11010), (1196, 11013), (1199, 11016),

Gene: PsychoKiller_4 Start: 1113, Stop: 2792, Start Num: 143
Candidate Starts for PsychoKiller_4:
(Start: 143 @1113 has 83 MA's), (Start: 191 @1164 has 2 MA's), (205, 1185), (Start: 207 @1188 has 2 MA's), (252, 1224), (254, 1230), (300, 1311), (334, 1377), (339, 1386), (378, 1458), (386, 1473), (405, 1509), (411, 1518), (434, 1569), (482, 1668), (513, 1722), (532, 1758), (598, 1902), (609, 1938), (623, 1977), (635, 2010), (661, 2058), (685, 2091), (697, 2115), (738, 2148), (776, 2181), (798, 2238), (803, 2247), (859, 2331), (929, 2418), (1001, 2514), (1072, 2586), (1081, 2598), (1165, 2718), (1213, 2778), (1214, 2781),

Gene: Pterodactyl_2 Start: 426, Stop: 1991, Start Num: 129
Candidate Starts for Pterodactyl_2:
(Start: 129 @426 has 79 MA's), (211, 549), (248, 603), (313, 690), (330, 732), (342, 756), (364, 780), (452, 942), (521, 1077), (532, 1098), (548, 1137), (625, 1236), (637, 1266), (642, 1281), (661, 1314), (692, 1362), (694, 1371), (768, 1449), (787, 1485), (804, 1524), (834, 1557), (838, 1566), (861, 1593), (912, 1647), (939, 1689), (1001, 1734), (1008, 1755), (1022, 1779), (1095, 1857),

Gene: Ptowny_8 Start: 1901, Stop: 3571, Start Num: 272
Candidate Starts for Ptowny_8:
(Start: 272 @1901 has 48 MA's), (309, 1964), (435, 2198), (487, 2300), (570, 2480), (576, 2504), (585, 2522), (595, 2534), (616, 2597), (621, 2609), (642, 2654), (649, 2669), (700, 2747), (728, 2792), (759, 2846), (760, 2852), (814, 2966), (841, 3014), (910, 3110), (922, 3131), (933, 3146), (1014, 3299), (1022, 3311), (1065, 3368), (1091, 3404), (1124, 3455), (1142, 3491), (1145, 3494), (1193, 3560),

Gene: Publix_3 Start: 1095, Stop: 2555, Start Num: 149
Candidate Starts for Publix_3:
(Start: 149 @1095 has 162 MA's), (Start: 154 @1101 has 4 MA's), (Start: 272 @1263 has 48 MA's), (278, 1272), (315, 1332), (348, 1401), (366, 1422), (394, 1473), (520, 1677), (592, 1812), (649, 1905), (661, 1923), (674, 1941), (703, 1983), (739, 2016), (765, 2034), (834, 2154), (835, 2157), (848, 2169), (857, 2181), (862, 2193), (905, 2244), (941, 2301), (944, 2307), (949, 2316), (958, 2325), (960, 2328), (1098, 2490), (1104, 2499), (1110, 2508), (1135, 2547),

Gene: Pucara_2 Start: 625, Stop: 2373, Start Num: 201
Candidate Starts for Pucara_2:
(164, 574), (180, 601), (Start: 201 @625 has 43 MA's), (266, 718), (340, 859), (344, 865), (358, 883), (364, 898), (366, 901), (437, 1039), (476, 1114), (487, 1135), (541, 1261), (596, 1363), (614, 1420), (620, 1435), (641, 1474), (802, 1747), (810, 1762), (824, 1786), (959, 1996), (973, 2020), (980, 2038), (994, 2068), (1023, 2125), (1042, 2152), (1066, 2176), (1073, 2185), (1142, 2290),

Gene: Puddles3_3 Start: 1074, Stop: 2534, Start Num: 149
Candidate Starts for Puddles3_3:
(Start: 149 @1074 has 162 MA's), (Start: 272 @1242 has 48 MA's), (278, 1251), (315, 1311), (348, 1380), (366, 1401), (394, 1452), (520, 1656), (642, 1869), (649, 1884), (674, 1920), (703, 1962), (739, 1995), (765, 2013), (834, 2133), (835, 2136), (848, 2148), (905, 2223), (944, 2286), (958, 2304), (960, 2307), (1098, 2469), (1104, 2478), (1110, 2487), (1135, 2526),

Gene: PuffyCat_3 Start: 1104, Stop: 2564, Start Num: 149
Candidate Starts for PuffyCat_3:
(Start: 149 @1104 has 162 MA's), (Start: 154 @1110 has 4 MA's), (Start: 272 @1272 has 48 MA's), (278, 1281), (315, 1341), (348, 1410), (366, 1431), (394, 1482), (520, 1686), (592, 1821), (642, 1899), (649, 1914), (661, 1932), (674, 1950), (703, 1992), (739, 2025), (765, 2043), (834, 2163), (835, 2166), (848, 2178), (857, 2190), (862, 2202), (905, 2253), (941, 2310), (944, 2316), (949, 2325), (958, 2334), (960, 2337), (1098, 2499), (1104, 2508), (1110, 2517), (1135, 2556),

Gene: Puginator_8 Start: 2746, Stop: 4392, Start Num: 73
Candidate Starts for Puginator_8:
(Start: 73 @2746 has 95 MA's), (Start: 207 @2896 has 2 MA's), (311, 3016), (378, 3142), (400, 3184), (403, 3190), (413, 3205), (458, 3292), (497, 3364), (510, 3388), (556, 3487), (574, 3523), (584, 3541), (648, 3664), (673, 3700), (800, 3850), (811, 3871), (869, 3961), (901, 3988), (959, 4069), (985, 4108), (1001, 4129), (1010, 4153), (1081, 4213), (1142, 4309),

Gene: Pukovnik_14 Start: 9110, Stop: 10888, Start Num: 96
Candidate Starts for Pukovnik_14:
(Start: 96 @9110 has 243 MA's), (Start: 120 @9128 has 11 MA's), (200, 9239), (Start: 207 @9251 has 2 MA's), (226, 9293), (231, 9305), (235, 9314), (250, 9338), (300, 9425), (408, 9620), (411, 9623), (432, 9662), (469, 9731), (510, 9821), (518, 9845), (584, 9977), (733, 10277), (800, 10364), (852, 10436), (869, 10463), (901, 10490), (904, 10493), (916, 10511), (985, 10607), (1168, 10844), (1193, 10874),

Gene: Pumancara_2 Start: 428, Stop: 1993, Start Num: 129
Candidate Starts for Pumancara_2:
(Start: 129 @428 has 79 MA's), (Start: 245 @599 has 2 MA's), (313, 692), (317, 701), (330, 734), (342, 758), (364, 782), (394, 836), (455, 947), (464, 965), (496, 1013), (500, 1019), (521, 1079), (548, 1139), (564, 1169), (637, 1268), (764, 1442), (768, 1451), (787, 1487), (789, 1493), (806, 1529), (837, 1565), (895, 1634), (897, 1637), (907, 1643), (1024, 1784), (1095, 1859), (1151, 1940), (1192, 1979),

Gene: Pumbaa_11 Start: 6859, Stop: 8556, Start Num: 95
Candidate Starts for Pumbaa_11:
(Start: 95 @6859 has 435 MA's), (Start: 122 @6883 has 1 MA's), (Start: 207 @7006 has 2 MA's), (293, 7096), (311, 7129), (362, 7228), (408, 7312), (411, 7315), (432, 7354), (469, 7423), (479, 7447), (510, 7513), (550, 7603), (620, 7768), (661, 7855), (685, 7888), (740, 7954), (798, 8026), (800, 8029), (812, 8053), (852, 8104), (862, 8119), (901, 8158), (916, 8179), (985, 8275), (1168, 8512), (1193, 8542), (1196, 8545),

Gene: Pumpkin_9 Start: 2278, Stop: 3948, Start Num: 272
Candidate Starts for Pumpkin_9:
(Start: 272 @2278 has 48 MA's), (309, 2341), (435, 2575), (487, 2677), (570, 2857), (576, 2881), (585, 2899), (595, 2911), (616, 2974), (621, 2986), (642, 3031), (649, 3046), (700, 3124), (728, 3169), (759, 3223), (760, 3229), (814, 3343), (910, 3487), (933, 3523), (1014, 3676), (1022, 3688), (1065, 3745), (1091, 3781), (1124, 3832), (1142, 3868), (1145, 3871), (1193, 3937),

Gene: Pumpkins_2 Start: 547, Stop: 2244, Start Num: 95
Candidate Starts for Pumpkins_2:
(Start: 95 @547 has 435 MA's), (Start: 191 @634 has 2 MA's), (379, 919), (411, 976), (432, 1018), (482, 1114), (513, 1168), (570, 1288), (604, 1378), (800, 1663), (869, 1774), (929, 1843), (985, 1918), (997, 1933), (1081, 2059), (1136, 2143), (1150, 2167),

Gene: Puppers_2 Start: 482, Stop: 2065, Start Num: 162
Candidate Starts for Puppers_2:

(7, 53), (8, 59), (21, 158), (Start: 162 @482 has 7 MA's), (278, 656), (313, 698), (330, 740), (384, 824), (420, 884), (463, 947), (466, 953), (496, 998), (531, 1082), (547, 1121), (613, 1190), (637, 1253), (672, 1307), (709, 1355), (753, 1406), (778, 1442), (798, 1487), (804, 1499), (832, 1535), (838, 1544), (857, 1562), (927, 1673), (983, 1745), (989, 1748), (1001, 1766), (1016, 1802), (1072, 1901), (1201, 2057),

Gene: Puppet_11 Start: 7062, Stop: 8750, Start Num: 95
Candidate Starts for Puppet_11:
(Start: 95 @7062 has 435 MA's), (311, 7326), (323, 7350), (411, 7512), (430, 7545), (469, 7620), (510, 7710), (518, 7734), (534, 7761), (553, 7809), (591, 7878), (615, 7953), (620, 7965), (644, 8025), (819, 8259), (832, 8271), (862, 8313), (882, 8334), (908, 8361), (985, 8469), (1070, 8559), (1139, 8664),

Gene: Puppy_12 Start: 6115, Stop: 7812, Start Num: 95
Candidate Starts for Puppy_12:
(Start: 95 @6115 has 435 MA's), (Start: 122 @6139 has 1 MA's), (152, 6187), (311, 6385), (339, 6448), (403, 6559), (411, 6571), (432, 6610), (438, 6622), (469, 6679), (479, 6703), (510, 6769), (513, 6778), (550, 6859), (565, 6886), (620, 7024), (661, 7111), (685, 7144), (740, 7210), (800, 7285), (812, 7309), (813, 7312), (817, 7318), (825, 7327), (852, 7360), (862, 7375), (916, 7435), (985, 7531), (1010, 7576), (1014, 7585), (1145, 7738), (1168, 7768), (1193, 7798), (1196, 7801),

Gene: PurpleHaze_13 Start: 7028, Stop: 8728, Start Num: 102
Candidate Starts for PurpleHaze_13:
(Start: 102 @7028 has 88 MA's), (137, 7076), (Start: 191 @7148 has 2 MA's), (253, 7211), (411, 7490), (510, 7688), (550, 7778), (583, 7841), (644, 8003), (800, 8201), (812, 8225), (813, 8228), (862, 8291), (869, 8303), (882, 8312), (901, 8330), (916, 8351), (985, 8447), (1014, 8501), (1070, 8537), (1168, 8684), (1193, 8714), (1196, 8717),

Gene: Pytheas_2 Start: 485, Stop: 2284, Start Num: 71
Candidate Starts for Pytheas_2:
(Start: 71 @485 has 22 MA's), (170, 623), (295, 782), (300, 797), (347, 881), (365, 911), (373, 923), (378, 932), (398, 971), (411, 992), (456, 1076), (495, 1148), (513, 1184), (527, 1220), (571, 1310), (580, 1331), (598, 1382), (608, 1415), (745, 1589), (778, 1616), (800, 1658), (813, 1685), (817, 1691), (862, 1757), (869, 1769), (884, 1796), (959, 1907), (979, 1943), (985, 1955), (1000, 1979), (1011, 2006), (1025, 2030), (1077, 2093), (1105, 2135), (1141, 2192), (1150, 2207), (1165, 2222), (1167, 2225), (1178, 2240), (1204, 2270), (1206, 2273),

Gene: QMacho_4 Start: 1159, Stop: 2787, Start Num: 171
Candidate Starts for QMacho_4:
(Start: 171 @1159 has 84 MA's), (278, 1315), (342, 1423), (390, 1492), (398, 1507), (498, 1657), (500, 1660), (521, 1720), (542, 1768), (558, 1798), (829, 2254), (838, 2269), (1095, 2620), (1129, 2668), (1215, 2776),

Gene: QTRlifeCrisis_11 Start: 7447, Stop: 9135, Start Num: 95
Candidate Starts for QTRlifeCrisis_11:
(Start: 95 @7447 has 435 MA's), (311, 7711), (327, 7747), (411, 7897), (469, 8005), (510, 8095), (518, 8119), (553, 8194), (591, 8263), (620, 8350), (644, 8410), (813, 8635), (819, 8644), (832, 8656), (862, 8698), (882, 8719), (908, 8746), (985, 8854), (1070, 8944), (1139, 9049),

Gene: Qobbit_13 Start: 8160, Stop: 9926, Start Num: 120
Candidate Starts for Qobbit_13:
(Start: 96 @8139 has 243 MA's), (Start: 114 @8154 has 11 MA's), (Start: 120 @8160 has 11 MA's), (200, 8271), (250, 8370), (339, 8532), (381, 8604), (411, 8658), (432, 8697), (469, 8769), (510, 8859), (518, 8883), (580, 9000), (584, 9015), (622, 9123), (659, 9198), (685, 9234), (717, 9294), (806, 9414), (817, 9435), (852, 9474), (901, 9528), (904, 9531), (916, 9549), (954, 9603), (979, 9633), (985, 9645),

(1070, 9735), (1083, 9753), (1168, 9882), (1191, 9909), (1193, 9912),

Gene: Quaker_3 Start: 1071, Stop: 2531, Start Num: 149
Candidate Starts for Quaker_3:
(Start: 149 @1071 has 162 MA's), (Start: 154 @1077 has 4 MA's), (Start: 272 @1239 has 48 MA's), (278, 1248), (315, 1308), (348, 1377), (366, 1398), (394, 1449), (520, 1653), (532, 1677), (592, 1788), (642, 1866), (649, 1881), (674, 1917), (703, 1959), (739, 1992), (765, 2010), (834, 2130), (835, 2133), (848, 2145), (905, 2220), (944, 2283), (958, 2301), (960, 2304), (1098, 2466), (1104, 2475), (1135, 2523),

Gene: Quasar_4 Start: 1734, Stop: 3413, Start Num: 143
Candidate Starts for Quasar_4:
(Start: 143 @1734 has 83 MA's), (Start: 191 @1785 has 2 MA's), (205, 1806), (254, 1851), (300, 1932), (334, 1998), (339, 2007), (378, 2079), (386, 2094), (405, 2130), (411, 2139), (434, 2190), (482, 2289), (513, 2343), (532, 2379), (598, 2523), (609, 2559), (623, 2598), (635, 2631), (661, 2679), (685, 2712), (697, 2736), (738, 2769), (776, 2802), (798, 2859), (803, 2868), (859, 2952), (929, 3039), (1001, 3135), (1072, 3207), (1081, 3219), (1165, 3339), (1213, 3399), (1214, 3402),

Gene: Quby_4 Start: 771, Stop: 2333, Start Num: 93
Candidate Starts for Quby_4:
(Start: 93 @771 has 92 MA's), (Start: 99 @777 has 9 MA's), (228, 927), (Start: 268 @993 has 4 MA's), (302, 1023), (313, 1047), (321, 1062), (338, 1104), (422, 1230), (498, 1368), (509, 1389), (516, 1413), (558, 1488), (591, 1536), (643, 1614), (653, 1635), (671, 1659), (676, 1665), (694, 1695), (699, 1701), (729, 1737), (776, 1794), (790, 1827), (862, 1932), (867, 1941), (889, 1965), (912, 1986), (962, 2052), (1024, 2154), (1140, 2274), (1143, 2280), (1158, 2301), (1181, 2325),

Gene: QueenB2_12 Start: 7454, Stop: 9241, Start Num: 96
Candidate Starts for QueenB2_12:
(Start: 96 @7454 has 243 MA's), (179, 7562), (193, 7583), (250, 7691), (339, 7853), (411, 7976), (469, 8084), (510, 8174), (518, 8198), (580, 8315), (584, 8330), (733, 8630), (869, 8816), (901, 8843), (916, 8864), (985, 8960), (1168, 9197), (1191, 9224), (1193, 9227),

Gene: QueenBeesly_12 Start: 7386, Stop: 9173, Start Num: 96
Candidate Starts for QueenBeesly_12:
(Start: 96 @7386 has 243 MA's), (179, 7494), (193, 7515), (250, 7623), (339, 7785), (408, 7905), (411, 7908), (469, 8016), (510, 8106), (518, 8130), (580, 8247), (584, 8262), (733, 8562), (869, 8748), (901, 8775), (916, 8796), (985, 8892), (1168, 9129), (1191, 9156), (1193, 9159),

Gene: QueenHazel_2 Start: 521, Stop: 2080, Start Num: 128
Candidate Starts for QueenHazel_2:
(Start: 128 @521 has 6 MA's), (200, 611), (253, 698), (294, 755), (326, 818), (403, 935), (409, 944), (440, 1016), (459, 1052), (493, 1118), (510, 1160), (514, 1172), (515, 1175), (532, 1214), (538, 1232), (608, 1379), (634, 1421), (688, 1505), (697, 1526), (771, 1589), (815, 1667), (817, 1670), (828, 1682), (923, 1817), (926, 1820), (982, 1883), (983, 1886), (1004, 1919), (1079, 2000), (1103, 2033),

Gene: Quenya_4 Start: 931, Stop: 2496, Start Num: 171
Candidate Starts for Quenya_4:
(Start: 171 @931 has 84 MA's), (Start: 245 @1039 has 2 MA's), (278, 1087), (313, 1129), (342, 1195), (347, 1201), (360, 1210), (398, 1279), (416, 1306), (429, 1330), (464, 1378), (498, 1429), (521, 1492), (548, 1552), (558, 1570), (699, 1843), (796, 1981), (907, 2113), (930, 2149), (1159, 2443), (1201, 2488),

Gene: Qui_16 Start: 7583, Stop: 9367, Start Num: 187

Candidate Starts for Qui_16:
(Start: 183 @7577 has 2 MA's), (Start: 187 @7583 has 203 MA's), (254, 7682), (345, 7856), (388, 7931), (413, 7979), (444, 8057), (451, 8075), (454, 8078), (492, 8147), (530, 8249), (549, 8294), (555, 8306), (578, 8363), (604, 8435), (644, 8534), (680, 8591), (685, 8606), (726, 8663), (771, 8732), (778, 8744), (833, 8837), (868, 8897), (876, 8915), (879, 8921), (929, 8984), (931, 8987), (954, 9026), (1045, 9158), (1059, 9191), (1071, 9215), (1080, 9227), (1094, 9245), (1136, 9317), (1139, 9320),

Gene: QuickMath_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for QuickMath_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: QuinnAvery_6 Start: 1935, Stop: 3635, Start Num: 163
Candidate Starts for QuinnAvery_6:
(124, 1878), (Start: 146 @1914 has 40 MA's), (Start: 163 @1935 has 23 MA's), (211, 2010), (233, 2058), (Start: 246 @2079 has 12 MA's), (254, 2094), (278, 2127), (313, 2169), (315, 2172), (333, 2217), (342, 2235), (345, 2238), (347, 2241), (426, 2364), (437, 2388), (464, 2418), (521, 2532), (548, 2592), (559, 2613), (582, 2679), (642, 2844), (692, 2910), (699, 2925), (796, 3096), (869, 3195), (907, 3228), (930, 3264), (932, 3267), (983, 3309), (1008, 3351), (1054, 3399), (1072, 3426), (1075, 3429), (1078, 3435), (1125, 3498), (1181, 3576), (1215, 3624),

Gene: QuinnKiro_11 Start: 7044, Stop: 8741, Start Num: 95
Candidate Starts for QuinnKiro_11:
(Start: 95 @7044 has 435 MA's), (Start: 122 @7068 has 1 MA's), (311, 7314), (403, 7488), (411, 7500), (432, 7539), (438, 7551), (469, 7608), (479, 7632), (510, 7698), (513, 7707), (550, 7788), (570, 7821), (620, 7953), (623, 7965), (647, 8019), (661, 8040), (685, 8073), (732, 8127), (800, 8214), (812, 8238), (813, 8241), (817, 8247), (825, 8256), (862, 8304), (901, 8343), (904, 8346), (916, 8364), (985, 8460), (1014, 8514), (1145, 8667), (1168, 8697), (1193, 8727), (1196, 8730),

Gene: Quokka_10 Start: 6379, Stop: 8160, Start Num: 96
Candidate Starts for Quokka_10:
(Start: 96 @6379 has 243 MA's), (Start: 207 @6523 has 2 MA's), (227, 6568), (250, 6610), (262, 6634), (300, 6697), (329, 6751), (408, 6892), (411, 6895), (432, 6934), (469, 7003), (510, 7093), (518, 7117), (583, 7246), (584, 7249), (716, 7522), (901, 7762), (916, 7783), (979, 7867), (985, 7879), (1168, 8116), (1191, 8143), (1193, 8146), (1196, 8149),

Gene: R4_6 Start: 2205, Stop: 3866, Start Num: 73
Candidate Starts for R4_6:
(Start: 73 @2205 has 95 MA's), (Start: 271 @2427 has 3 MA's), (326, 2523), (378, 2616), (386, 2631), (400, 2658), (413, 2679), (458, 2766), (510, 2862), (521, 2895), (550, 2949), (570, 2982), (581, 3006), (605, 3075), (648, 3138), (650, 3144), (673, 3174), (746, 3258), (798, 3321), (800, 3324), (806, 3336), (811, 3345), (815, 3354), (852, 3408), (869, 3435), (985, 3582), (1001, 3603), (1010, 3627), (1081, 3687), (1142, 3783), (1204, 3861),

Gene: RADical_5 Start: 1114, Stop: 2793, Start Num: 143
Candidate Starts for RADical_5:

(Start: 143 @1114 has 83 MA's), (Start: 191 @1165 has 2 MA's), (205, 1186), (Start: 207 @1189 has 2 MA's), (254, 1231), (300, 1312), (334, 1378), (339, 1387), (378, 1459), (386, 1474), (405, 1510), (411, 1519), (434, 1570), (482, 1669), (513, 1723), (598, 1903), (609, 1939), (623, 1978), (635, 2011), (661, 2059), (685, 2092), (697, 2116), (738, 2149), (776, 2182), (798, 2239), (803, 2248), (859, 2332), (882, 2359), (929, 2419), (1001, 2515), (1072, 2587), (1081, 2599), (1165, 2719), (1213, 2779), (1214, 2782),

Gene: RAP15_5 Start: 3133, Stop: 4698, Start Num: 129
Candidate Starts for RAP15_5:
(Start: 129 @3133 has 79 MA's), (Start: 268 @3343 has 4 MA's), (313, 3397), (342, 3463), (364, 3487), (485, 3703), (496, 3718), (500, 3724), (521, 3784), (548, 3844), (625, 3943), (637, 3973), (642, 3988), (692, 4069), (764, 4147), (768, 4156), (787, 4192), (804, 4231), (834, 4264), (838, 4273), (861, 4300), (912, 4354), (939, 4396), (1001, 4441), (1008, 4462), (1022, 4486), (1095, 4564), (1192, 4684),

Gene: RER2_1 Start: 28, Stop: 1710, Start Num: 104
Candidate Starts for RER2_1:
(Start: 104 @28 has 36 MA's), (Start: 258 @214 has 2 MA's), (300, 286), (311, 298), (323, 322), (327, 334), (411, 487), (420, 502), (449, 562), (510, 670), (534, 727), (618, 925), (623, 943), (647, 997), (778, 1141), (798, 1180), (800, 1183), (817, 1216), (869, 1285), (985, 1429), (1010, 1474), (1081, 1534), (1142, 1633), (1168, 1666), (1191, 1693), (1193, 1696), (1196, 1699),

Gene: RSchmailzl_5 Start: 1254, Stop: 2933, Start Num: 143
Candidate Starts for RSchmailzl_5:
(Start: 143 @1254 has 83 MA's), (Start: 191 @1305 has 2 MA's), (205, 1326), (254, 1371), (283, 1413), (300, 1452), (324, 1491), (334, 1518), (339, 1527), (378, 1599), (386, 1614), (405, 1650), (411, 1659), (434, 1710), (482, 1809), (513, 1863), (532, 1899), (598, 2043), (609, 2079), (623, 2118), (635, 2151), (661, 2199), (685, 2232), (697, 2256), (738, 2289), (776, 2322), (798, 2379), (803, 2388), (859, 2472), (882, 2499), (929, 2559), (1001, 2655), (1072, 2727), (1081, 2739), (1165, 2859), (1213, 2919), (1214, 2922),

Gene: Rabbitrun_14 Start: 5332, Stop: 6777, Start Num: 176
Candidate Starts for Rabbitrun_14:
(Start: 176 @5332 has 8 MA's), (252, 5437), (254, 5443), (313, 5518), (366, 5611), (417, 5692), (464, 5761), (500, 5821), (513, 5854), (516, 5863), (523, 5884), (540, 5923), (643, 6061), (658, 6088), (706, 6157), (861, 6385), (907, 6439), (932, 6469), (964, 6508), (1045, 6616), (1049, 6622), (1106, 6679),

Gene: Rachaly_15 Start: 9139, Stop: 10920, Start Num: 96
Candidate Starts for Rachaly_15:
(37, 9019), (76, 9112), (Start: 96 @9139 has 243 MA's), (200, 9271), (235, 9346), (250, 9370), (283, 9421), (408, 9652), (411, 9655), (432, 9694), (469, 9763), (510, 9853), (518, 9877), (570, 9976), (583, 10006), (584, 10009), (852, 10468), (862, 10483), (869, 10495), (901, 10522), (916, 10543), (985, 10639), (1168, 10876), (1191, 10903), (1193, 10906),

Gene: Radiance_2 Start: 571, Stop: 2208, Start Num: 111
Candidate Starts for Radiance_2:
(Start: 111 @571 has 202 MA's), (Start: 118 @580 has 1 MA's), (Start: 129 @595 has 79 MA's), (Start: 185 @652 has 2 MA's), (188, 655), (224, 718), (244, 757), (312, 844), (352, 904), (369, 916), (377, 928), (381, 937), (383, 940), (392, 961), (404, 982), (440, 1054), (461, 1093), (502, 1162), (505, 1168), (514, 1198), (515, 1201), (518, 1210), (523, 1225), (534, 1243), (557, 1294), (601, 1387), (604, 1396), (711, 1567), (726, 1579), (800, 1663), (816, 1693), (818, 1696), (820, 1699), (869, 1756), (884, 1771), (889, 1777), (893, 1780), (901, 1795), (908, 1804), (957, 1873), (982, 1903), (988, 1912), (1006, 1945), (1024, 1978), (1069, 2005), (1094, 2038), (1114, 2068), (1127, 2089), (1139, 2113), (1142, 2122), (1145, 2125), (1184, 2182),

Gene: Raela_35 Start: 10993, Stop: 12735, Start Num: 143
Candidate Starts for Raela_35:
(Start: 143 @10993 has 83 MA's), (253, 11110), (283, 11155), (305, 11221), (306, 11236), (323, 11269), (324, 11272), (329, 11287), (341, 11311), (342, 11314), (362, 11344), (375, 11365), (378, 11383), (383, 11392), (402, 11428), (411, 11443), (434, 11488), (458, 11530), (477, 11569), (482, 11581), (497, 11602), (519, 11653), (534, 11674), (635, 11896), (697, 12001), (704, 12010), (749, 12043), (776, 12064), (778, 12067), (789, 12094), (800, 12124), (806, 12136), (813, 12151), (819, 12160), (825, 12166), (852, 12208), (858, 12217), (865, 12232), (882, 12247), (929, 12307), (954, 12346), (980, 12379), (1001, 12409), (1002, 12412), (1040, 12496), (1081, 12550), (1092, 12565), (1113, 12592), (1142, 12646), (1211, 12718), (1213, 12721),

Gene: Rahalelujah_11 Start: 6185, Stop: 7972, Start Num: 96
Candidate Starts for Rahalelujah_11:
(Start: 96 @6185 has 243 MA's), (200, 6314), (250, 6413), (339, 6575), (357, 6608), (381, 6647), (411, 6701), (432, 6740), (469, 6812), (510, 6902), (518, 6926), (580, 7043), (584, 7058), (622, 7166), (659, 7241), (718, 7340), (746, 7373), (806, 7457), (817, 7478), (852, 7520), (862, 7535), (869, 7547), (901, 7574), (916, 7595), (954, 7649), (985, 7691), (1070, 7781), (1083, 7799), (1119, 7850), (1168, 7928), (1191, 7955), (1193, 7958),

Gene: Raid_11 Start: 6738, Stop: 8426, Start Num: 95
Candidate Starts for Raid_11:
(Start: 95 @6738 has 435 MA's), (311, 7002), (323, 7026), (411, 7188), (469, 7296), (510, 7386), (518, 7410), (534, 7437), (553, 7485), (615, 7629), (620, 7641), (644, 7701), (813, 7926), (819, 7935), (832, 7947), (862, 7989), (882, 8010), (908, 8037), (985, 8145), (1070, 8235), (1139, 8340),

Gene: Rainydai_7 Start: 3411, Stop: 5153, Start Num: 184
Candidate Starts for Rainydai_7:
(Start: 184 @3411 has 4 MA's), (Start: 187 @3414 has 203 MA's), (195, 3420), (229, 3468), (231, 3471), (252, 3507), (254, 3513), (327, 3651), (345, 3687), (353, 3699), (444, 3882), (454, 3903), (503, 3996), (506, 4005), (522, 4056), (530, 4074), (644, 4359), (726, 4488), (771, 4557), (847, 4647), (863, 4674), (876, 4701), (929, 4770), (931, 4773), (957, 4815), (962, 4824), (1051, 4953), (1060, 4980), (1071, 5001), (1080, 5013), (1094, 5031), (1136, 5103), (1139, 5106), (1145, 5118),

Gene: Rajelicia_11 Start: 6954, Stop: 8642, Start Num: 95
Candidate Starts for Rajelicia_11:
(Start: 95 @6954 has 435 MA's), (311, 7218), (323, 7242), (411, 7404), (430, 7437), (469, 7512), (510, 7602), (518, 7626), (534, 7653), (553, 7701), (615, 7845), (620, 7857), (644, 7917), (813, 8142), (819, 8151), (832, 8163), (862, 8205), (882, 8226), (908, 8253), (985, 8361), (1070, 8451), (1139, 8556),

Gene: Rana_6 Start: 2374, Stop: 4020, Start Num: 73
Candidate Starts for Rana_6:
(Start: 73 @2374 has 95 MA's), (Start: 86 @2392 has 10 MA's), (283, 2596), (300, 2632), (400, 2812), (413, 2833), (437, 2878), (458, 2920), (497, 2992), (510, 3016), (556, 3115), (565, 3130), (580, 3154), (581, 3160), (673, 3328), (800, 3478), (811, 3499), (869, 3589), (959, 3697), (985, 3736), (1001, 3757), (1003, 3763), (1010, 3781), (1142, 3937), (1204, 4015),

Gene: RanchParmCat_7 Start: 1862, Stop: 3562, Start Num: 140
Candidate Starts for RanchParmCat_7:
(Start: 140 @1862 has 9 MA's), (Start: 191 @1916 has 2 MA's), (205, 1937), (219, 1964), (290, 2039), (300, 2075), (341, 2153), (386, 2237), (392, 2252), (411, 2282), (434, 2333), (482, 2432), (532, 2522), (574, 2612), (598, 2666), (623, 2741), (697, 2879), (773, 2939), (776, 2945), (803, 3011), (806, 3017), (862, 3101), (882, 3122), (929, 3182), (934, 3188), (959, 3221), (1047, 3326), (1072, 3350), (1141,

3455), (1142, 3458), (1179, 3503), (1213, 3548), (1214, 3551),

Gene: Rasputin_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Rasputin_8:
(Start: 104 @3156 has 36 MA's), (Start: 258 @3342 has 2 MA's), (300, 3414), (311, 3426), (323, 3450), (327, 3462), (411, 3615), (420, 3630), (449, 3690), (510, 3798), (534, 3855), (618, 4053), (623, 4071), (647, 4125), (778, 4269), (800, 4311), (817, 4344), (869, 4413), (985, 4557), (1010, 4602), (1081, 4662), (1142, 4761), (1168, 4794), (1191, 4821), (1193, 4824), (1196, 4827),

Gene: Rattail_2 Start: 373, Stop: 1995, Start Num: 149
Candidate Starts for Rattail_2:
(Start: 134 @352 has 16 MA's), (Start: 149 @373 has 162 MA's), (313, 604), (319, 616), (333, 652), (342, 670), (347, 676), (394, 748), (505, 916), (521, 967), (534, 991), (548, 1027), (559, 1048), (569, 1063), (589, 1123), (628, 1207), (780, 1423), (787, 1435), (829, 1501), (834, 1507), (862, 1546), (903, 1585), (907, 1591), (923, 1618), (956, 1663), (1125, 1903), (1144, 1930), (1159, 1951), (1187, 1981), (1190, 1984),

Gene: Raunak_8 Start: 3618, Stop: 5366, Start Num: 187
Candidate Starts for Raunak_8:
(Start: 174 @3600 has 5 MA's), (Start: 187 @3618 has 203 MA's), (252, 3711), (254, 3717), (292, 3774), (322, 3837), (413, 4014), (444, 4092), (454, 4113), (506, 4215), (530, 4284), (537, 4299), (555, 4341), (604, 4470), (634, 4545), (644, 4569), (704, 4674), (726, 4698), (778, 4782), (868, 4896), (876, 4914), (929, 4983), (931, 4986), (962, 5037), (992, 5079), (1051, 5166), (1060, 5193), (1071, 5214), (1080, 5226), (1094, 5244), (1139, 5319),

Gene: Ravana_14 Start: 6654, Stop: 8351, Start Num: 96
Candidate Starts for Ravana_14:
(Start: 96 @6654 has 243 MA's), (Start: 118 @6672 has 1 MA's), (253, 6834), (381, 7059), (411, 7113), (469, 7221), (480, 7248), (510, 7311), (518, 7335), (812, 7851), (862, 7914), (904, 7956), (985, 8070), (1081, 8175), (1168, 8307), (1191, 8334), (1193, 8337), (1196, 8340),

Gene: RavenCo17_2 Start: 498, Stop: 2222, Start Num: 201
Candidate Starts for RavenCo17_2:
(Start: 190 @483 has 1 MA's), (Start: 201 @498 has 43 MA's), (259, 588), (323, 702), (327, 714), (383, 804), (393, 828), (397, 834), (411, 858), (414, 864), (438, 915), (476, 987), (571, 1185), (590, 1227), (596, 1233), (626, 1317), (641, 1344), (700, 1440), (711, 1455), (725, 1482), (826, 1659), (999, 1932), (1001, 1935), (1003, 1941), (1011, 1962), (1034, 2001), (1066, 2049), (1073, 2058), (1091, 2082), (1114, 2100), (1145, 2157), (1194, 2214),

Gene: RavenPuff_6 Start: 2653, Stop: 4398, Start Num: 187
Candidate Starts for RavenPuff_6:
(Start: 187 @2653 has 203 MA's), (195, 2659), (229, 2707), (252, 2746), (254, 2752), (413, 3049), (444, 3127), (454, 3148), (492, 3217), (530, 3319), (604, 3505), (647, 3610), (726, 3733), (771, 3805), (876, 3946), (929, 4015), (931, 4018), (1012, 4156), (1060, 4225), (1071, 4246), (1074, 4249), (1080, 4258), (1094, 4276), (1114, 4306), (1136, 4348), (1139, 4351),

Gene: RcigaStruga_5 Start: 3080, Stop: 4645, Start Num: 129
Candidate Starts for RcigaStruga_5:
(Start: 129 @3080 has 79 MA's), (Start: 246 @3254 has 12 MA's), (Start: 268 @3290 has 4 MA's), (313, 3344), (330, 3386), (342, 3410), (425, 3536), (485, 3650), (496, 3665), (500, 3671), (521, 3731), (548, 3791), (613, 3857), (625, 3890), (637, 3920), (642, 3935), (661, 3968), (672, 3983), (692, 4016), (768, 4103), (923, 4322), (939, 4343), (982, 4364), (1022, 4433), (1095, 4511), (1122, 4550), (1144, 4580), (1151, 4592), (1192, 4631), (1204, 4640),

Gene: ReMo_14 Start: 6686, Stop: 8383, Start Num: 96
Candidate Starts for ReMo_14:
(Start: 96 @6686 has 243 MA's), (Start: 118 @6704 has 1 MA's), (253, 6866), (339, 7022), (381, 7091), (411, 7145), (469, 7253), (480, 7280), (510, 7343), (518, 7367), (812, 7883), (862, 7946), (904, 7988), (985, 8102), (1081, 8207), (1168, 8339), (1191, 8366), (1193, 8369), (1196, 8372),

Gene: Reba_14 Start: 6700, Stop: 8400, Start Num: 102
Candidate Starts for Reba_14:
(Start: 102 @6700 has 88 MA's), (137, 6748), (253, 6883), (411, 7162), (510, 7360), (550, 7450), (583, 7513), (644, 7675), (800, 7873), (812, 7897), (813, 7900), (862, 7963), (869, 7975), (882, 7984), (901, 8002), (916, 8023), (985, 8119), (1014, 8173), (1070, 8209), (1168, 8356), (1193, 8386), (1196, 8389),

Gene: Rebeuca_12 Start: 6881, Stop: 8557, Start Num: 95
Candidate Starts for Rebeuca_12:
(Start: 95 @6881 has 435 MA's), (Start: 207 @7013 has 2 MA's), (311, 7145), (330, 7190), (386, 7286), (411, 7331), (432, 7370), (458, 7418), (469, 7439), (479, 7463), (510, 7514), (570, 7637), (620, 7769), (650, 7844), (685, 7889), (740, 7955), (800, 8030), (812, 8054), (813, 8057), (862, 8120), (901, 8159), (904, 8162), (916, 8180), (985, 8276), (1024, 8345), (1168, 8513), (1193, 8543), (1196, 8546),

Gene: Red305_5 Start: 1190, Stop: 2755, Start Num: 93
Candidate Starts for Red305_5:
(64, 1139), (Start: 68 @1148 has 2 MA's), (Start: 93 @1190 has 92 MA's), (Start: 99 @1196 has 9 MA's), (238, 1367), (254, 1397), (313, 1472), (316, 1478), (319, 1484), (413, 1640), (419, 1649), (420, 1652), (422, 1655), (464, 1730), (494, 1784), (496, 1787), (498, 1790), (637, 2021), (685, 2096), (694, 2117), (699, 2123), (759, 2192), (776, 2216), (786, 2234), (790, 2249), (867, 2363), (907, 2402), (912, 2408), (962, 2474), (1001, 2528), (1016, 2564), (1024, 2576), (1078, 2615), (1143, 2702), (1181, 2747), (1183, 2750),

Gene: RedBaron_6 Start: 1158, Stop: 2837, Start Num: 143
Candidate Starts for RedBaron_6:
(Start: 143 @1158 has 83 MA's), (Start: 191 @1209 has 2 MA's), (205, 1230), (Start: 207 @1233 has 2 MA's), (254, 1275), (300, 1356), (334, 1422), (339, 1431), (378, 1503), (386, 1518), (405, 1554), (411, 1563), (434, 1614), (482, 1713), (513, 1767), (532, 1803), (598, 1947), (609, 1983), (623, 2022), (635, 2055), (661, 2103), (685, 2136), (697, 2160), (738, 2193), (776, 2226), (798, 2283), (803, 2292), (859, 2376), (929, 2463), (1001, 2559), (1072, 2631), (1081, 2643), (1165, 2763), (1213, 2823), (1214, 2826),

Gene: RedBear_8 Start: 2648, Stop: 4294, Start Num: 73
Candidate Starts for RedBear_8:
(Start: 73 @2648 has 95 MA's), (Start: 86 @2666 has 10 MA's), (283, 2870), (326, 2951), (400, 3086), (413, 3107), (437, 3152), (458, 3194), (497, 3266), (510, 3290), (556, 3389), (584, 3443), (604, 3500), (673, 3602), (719, 3662), (749, 3689), (811, 3773), (817, 3785), (869, 3863), (906, 3896), (959, 3971), (985, 4010), (1001, 4031), (1003, 4037), (1010, 4055), (1105, 4151), (1142, 4211),

Gene: RedBird_2 Start: 571, Stop: 2208, Start Num: 111
Candidate Starts for RedBird_2:
(Start: 111 @571 has 202 MA's), (Start: 118 @580 has 1 MA's), (Start: 129 @595 has 79 MA's), (Start: 185 @652 has 2 MA's), (188, 655), (224, 718), (244, 757), (312, 844), (352, 904), (369, 916), (377, 928), (381, 937), (383, 940), (392, 961), (404, 982), (440, 1054), (461, 1093), (502, 1162), (505, 1168), (514, 1198), (515, 1201), (518, 1210), (523, 1225), (534, 1243), (557, 1294), (601, 1387), (604, 1396), (711, 1567), (726, 1579), (800, 1663), (816, 1693), (818, 1696), (820, 1699), (869, 1756), (884, 1771), (889, 1777), (893, 1780), (901, 1795), (908, 1804), (957, 1873), (982, 1903), (988, 1912), (1006, 1945),

(1024, 1978), (1069, 2005), (1094, 2038), (1114, 2068), (1127, 2089), (1139, 2113), (1142, 2122), (1145, 2125), (1184, 2182),

Gene: RedFox_2 Start: 370, Stop: 1992, Start Num: 149
Candidate Starts for RedFox_2:
(Start: 134 @349 has 16 MA's), (Start: 149 @370 has 162 MA's), (313, 601), (315, 604), (319, 613), (333, 649), (342, 667), (394, 745), (464, 850), (521, 964), (534, 988), (548, 1024), (559, 1045), (569, 1060), (589, 1120), (628, 1204), (780, 1420), (787, 1432), (798, 1459), (829, 1498), (834, 1504), (862, 1543), (889, 1570), (903, 1582), (923, 1615), (932, 1627), (956, 1660), (1072, 1831), (1125, 1900), (1129, 1906), (1144, 1927), (1159, 1948), (1187, 1978), (1190, 1981), (1192, 1984),

Gene: RedRaider_31 Start: 15061, Stop: 16740, Start Num: 111
Candidate Starts for RedRaider_31:
(Start: 111 @15061 has 202 MA's), (222, 15211), (251, 15268), (Start: 272 @15295 has 48 MA's), (281, 15307), (303, 15346), (324, 15379), (369, 15436), (514, 15721), (523, 15748), (604, 15916), (608, 15928), (621, 15961), (675, 16039), (775, 16141), (839, 16255), (869, 16312), (893, 16336), (901, 16351), (929, 16393), (954, 16426), (988, 16459), (1013, 16507), (1063, 16534), (1112, 16603), (1114, 16606), (1157, 16675),

Gene: RedRaider77_35 Start: 10894, Stop: 12636, Start Num: 143
Candidate Starts for RedRaider77_35:
(Start: 143 @10894 has 83 MA's), (253, 11011), (283, 11056), (305, 11122), (306, 11137), (323, 11170), (324, 11173), (329, 11188), (341, 11212), (342, 11215), (362, 11245), (375, 11266), (378, 11284), (383, 11293), (402, 11329), (411, 11344), (434, 11389), (458, 11431), (477, 11470), (482, 11482), (497, 11503), (519, 11554), (534, 11575), (635, 11797), (697, 11902), (704, 11911), (749, 11944), (776, 11965), (778, 11968), (789, 11995), (800, 12025), (806, 12037), (813, 12052), (819, 12061), (825, 12067), (852, 12109), (858, 12118), (865, 12133), (882, 12148), (929, 12208), (954, 12247), (980, 12280), (1001, 12310), (1002, 12313), (1040, 12397), (1081, 12451), (1092, 12466), (1113, 12493), (1142, 12547), (1211, 12619), (1213, 12622),

Gene: RedRock_15 Start: 9396, Stop: 11156, Start Num: 96
Candidate Starts for RedRock_15:
(50, 9312), (Start: 96 @9396 has 243 MA's), (179, 9504), (193, 9525), (235, 9609), (250, 9633), (262, 9657), (300, 9720), (329, 9774), (381, 9864), (411, 9918), (469, 10026), (510, 10116), (518, 10140), (584, 10272), (638, 10416), (648, 10440), (733, 10548), (800, 10632), (852, 10704), (862, 10719), (901, 10758), (904, 10761), (916, 10779), (985, 10875), (1024, 10944), (1168, 11112), (1191, 11139), (1193, 11142), (1196, 11145), (1199, 11148),

Gene: Reedo_2 Start: 544, Stop: 2244, Start Num: 101
Candidate Starts for Reedo_2:
(Start: 101 @544 has 7 MA's), (Start: 176 @607 has 8 MA's), (379, 913), (411, 970), (436, 1018), (482, 1108), (513, 1162), (532, 1207), (570, 1282), (710, 1534), (752, 1591), (800, 1654), (897, 1786), (959, 1873), (985, 1909), (997, 1924), (1005, 1942), (1142, 2155), (1150, 2167),

Gene: Refuge_15 Start: 9750, Stop: 11534, Start Num: 96
Candidate Starts for Refuge_15:
(Start: 96 @9750 has 243 MA's), (Start: 191 @9870 has 2 MA's), (200, 9882), (231, 9948), (250, 9981), (300, 10068), (381, 10212), (411, 10266), (432, 10305), (469, 10377), (510, 10467), (518, 10491), (570, 10590), (580, 10608), (584, 10623), (638, 10767), (704, 10875), (800, 11010), (852, 11082), (862, 11097), (916, 11157), (985, 11253), (1070, 11343), (1145, 11460), (1167, 11487), (1168, 11490), (1191, 11517), (1193, 11520), (1196, 11523),

Gene: Regigigas_7 Start: 3411, Stop: 5153, Start Num: 184

Candidate Starts for Regigigas_7:
(Start: 184 @3411 has 4 MA's), (Start: 187 @3414 has 203 MA's), (195, 3420), (229, 3468), (231, 3471), (252, 3507), (254, 3513), (327, 3651), (345, 3687), (353, 3699), (444, 3882), (454, 3903), (503, 3996), (506, 4005), (522, 4056), (530, 4074), (644, 4359), (726, 4488), (771, 4557), (847, 4647), (863, 4674), (876, 4701), (929, 4770), (931, 4773), (957, 4815), (962, 4824), (1051, 4953), (1060, 4980), (1071, 5001), (1080, 5013), (1094, 5031), (1136, 5103), (1139, 5106), (1145, 5118),

Gene: Reindeer_12 Start: 4590, Stop: 6134, Start Num: 130
Candidate Starts for Reindeer_12:
(Start: 130 @4590 has 21 MA's), (Start: 163 @4638 has 23 MA's), (392, 4977), (512, 5169), (520, 5193), (643, 5379), (676, 5430), (694, 5460), (699, 5466), (729, 5502), (789, 5565), (796, 5589), (804, 5604), (857, 5664), (862, 5676), (877, 5706), (907, 5736), (930, 5769), (959, 5802), (977, 5829), (1007, 5877), (1024, 5910), (1143, 6063), (1158, 6084),

Gene: Relief_11 Start: 6885, Stop: 8582, Start Num: 95
Candidate Starts for Relief_11:
(Start: 95 @6885 has 435 MA's), (Start: 122 @6909 has 1 MA's), (Start: 207 @7032 has 2 MA's), (293, 7122), (311, 7155), (362, 7254), (408, 7338), (411, 7341), (432, 7380), (469, 7449), (479, 7473), (510, 7539), (550, 7629), (620, 7794), (661, 7881), (685, 7914), (740, 7980), (798, 8052), (800, 8055), (812, 8079), (852, 8130), (862, 8145), (901, 8184), (916, 8205), (985, 8301), (1168, 8538), (1193, 8568), (1196, 8571),

Gene: Rem711_3 Start: 871, Stop: 2538, Start Num: 68
Candidate Starts for Rem711_3:
(34, 787), (46, 814), (55, 844), (Start: 63 @859 has 32 MA's), (Start: 68 @871 has 2 MA's), (255, 1078), (342, 1231), (347, 1237), (478, 1453), (483, 1465), (558, 1624), (564, 1636), (591, 1669), (610, 1687), (629, 1738), (643, 1774), (653, 1795), (670, 1816), (702, 1861), (756, 1924), (767, 1951), (864, 2113), (869, 2122), (928, 2185), (939, 2200), (972, 2245), (991, 2269), (1057, 2359), (1070, 2371), (1128, 2440),

Gene: Remus_14 Start: 6647, Stop: 8344, Start Num: 96
Candidate Starts for Remus_14:
(Start: 96 @6647 has 243 MA's), (Start: 118 @6665 has 1 MA's), (253, 6827), (381, 7052), (411, 7106), (469, 7214), (480, 7241), (510, 7304), (518, 7328), (812, 7844), (862, 7907), (904, 7949), (985, 8063), (1081, 8168), (1168, 8300), (1191, 8327), (1193, 8330), (1196, 8333),

Gene: RemusLoopin_2 Start: 597, Stop: 2147, Start Num: 276
Candidate Starts for RemusLoopin_2:
(Start: 276 @597 has 4 MA's), (318, 669), (405, 816), (411, 825), (435, 873), (456, 918), (475, 954), (487, 978), (504, 1008), (507, 1017), (528, 1062), (539, 1092), (550, 1113), (570, 1146), (590, 1191), (598, 1203), (620, 1266), (638, 1296), (683, 1356), (734, 1455), (797, 1551), (799, 1554), (835, 1623), (869, 1674), (872, 1680), (880, 1689), (913, 1731), (974, 1833), (975, 1836), (984, 1854), (1003, 1881), (1028, 1929), (1088, 2010), (1117, 2034), (1118, 2037), (1168, 2112), (1188, 2133),

Gene: Renaldo_9 Start: 3540, Stop: 5273, Start Num: 187
Candidate Starts for Renaldo_9:
(Start: 187 @3540 has 203 MA's), (215, 3579), (243, 3615), (254, 3639), (388, 3876), (395, 3894), (413, 3924), (444, 4002), (454, 4023), (492, 4092), (530, 4194), (539, 4218), (570, 4275), (578, 4308), (604, 4380), (644, 4479), (661, 4509), (685, 4551), (726, 4608), (778, 4689), (876, 4821), (929, 4890), (931, 4893), (992, 4986), (1059, 5097), (1071, 5121), (1080, 5133), (1089, 5145), (1136, 5223), (1139, 5226),

Gene: Renaud18_2 Start: 458, Stop: 2236, Start Num: 71

Candidate Starts for Renaud18_2:
(Start: 71 @458 has 22 MA's), (Start: 114 @509 has 11 MA's), (131, 530), (150, 560), (155, 566), (165, 581), (217, 632), (Start: 271 @695 has 3 MA's), (Start: 280 @707 has 2 MA's), (300, 743), (327, 791), (333, 806), (339, 818), (342, 824), (377, 881), (378, 884), (381, 890), (389, 905), (398, 923), (400, 926), (411, 944), (482, 1085), (495, 1103), (510, 1130), (518, 1154), (532, 1187), (571, 1265), (604, 1355), (607, 1364), (613, 1379), (647, 1421), (648, 1424), (678, 1466), (685, 1475), (697, 1499), (745, 1541), (748, 1544), (778, 1568), (798, 1607), (800, 1610), (807, 1625), (817, 1643), (819, 1646), (874, 1727), (884, 1742), (887, 1745), (894, 1757), (919, 1796), (954, 1847), (959, 1853), (979, 1889), (985, 1901), (1000, 1925), (1011, 1952), (1016, 1961), (1018, 1964), (1072, 2036), (1105, 2084), (1113, 2090), (1133, 2123), (1135, 2129), (1139, 2135), (1141, 2141), (1142, 2144), (1150, 2156), (1167, 2174), (1181, 2195), (1195, 2213), (1206, 2225),

Gene: Renna12_3 Start: 538, Stop: 2160, Start Num: 149
Candidate Starts for Renna12_3:
(Start: 134 @517 has 16 MA's), (Start: 149 @538 has 162 MA's), (Start: 246 @679 has 12 MA's), (315, 772), (319, 781), (333, 817), (342, 835), (394, 913), (464, 1018), (521, 1132), (548, 1192), (559, 1213), (569, 1228), (599, 1309), (628, 1372), (780, 1588), (787, 1600), (798, 1627), (829, 1666), (834, 1672), (862, 1711), (903, 1750), (923, 1783), (956, 1828), (1072, 1999), (1125, 2068), (1129, 2074), (1144, 2095), (1187, 2146), (1190, 2149),

Gene: ResDef_12 Start: 7044, Stop: 8741, Start Num: 95
Candidate Starts for ResDef_12:
(Start: 95 @7044 has 435 MA's), (Start: 122 @7068 has 1 MA's), (311, 7314), (403, 7488), (411, 7500), (432, 7539), (438, 7551), (469, 7608), (479, 7632), (510, 7698), (513, 7707), (550, 7788), (570, 7821), (620, 7953), (623, 7965), (647, 8019), (661, 8040), (685, 8073), (732, 8127), (800, 8214), (812, 8238), (813, 8241), (817, 8247), (825, 8256), (862, 8304), (901, 8343), (904, 8346), (916, 8364), (985, 8460), (1014, 8514), (1145, 8667), (1168, 8697), (1193, 8727), (1196, 8730),

Gene: Retro23_12 Start: 7537, Stop: 9324, Start Num: 96
Candidate Starts for Retro23_12:
(Start: 96 @7537 has 243 MA's), (179, 7645), (193, 7666), (250, 7774), (339, 7936), (408, 8056), (411, 8059), (469, 8167), (510, 8257), (518, 8281), (580, 8398), (584, 8413), (733, 8713), (869, 8899), (901, 8926), (916, 8947), (985, 9043), (1168, 9280), (1191, 9307), (1193, 9310),

Gene: RexFury_8 Start: 3187, Stop: 4869, Start Num: 104
Candidate Starts for RexFury_8:
(Start: 104 @3187 has 36 MA's), (Start: 258 @3373 has 2 MA's), (300, 3445), (311, 3457), (323, 3481), (327, 3493), (411, 3646), (420, 3661), (449, 3721), (510, 3829), (534, 3886), (618, 4084), (623, 4102), (647, 4156), (778, 4300), (800, 4342), (817, 4375), (869, 4444), (985, 4588), (1010, 4633), (1081, 4693), (1142, 4792), (1168, 4825), (1191, 4852), (1193, 4855), (1196, 4858),

Gene: Rey_18 Start: 5535, Stop: 7073, Start Num: 132
Candidate Starts for Rey_18:
(Start: 130 @5532 has 21 MA's), (Start: 132 @5535 has 2 MA's), (266, 5718), (281, 5736), (310, 5769), (315, 5778), (342, 5841), (392, 5916), (512, 6108), (561, 6201), (572, 6222), (676, 6369), (715, 6429), (857, 6603), (912, 6681), (930, 6708), (959, 6741), (977, 6768), (1143, 7002), (1158, 7023),

Gene: Reyja_3 Start: 640, Stop: 2217, Start Num: 161
Candidate Starts for Reyja_3:
(Start: 93 @547 has 92 MA's), (Start: 161 @640 has 13 MA's), (285, 823), (316, 862), (319, 868), (330, 898), (398, 1006), (437, 1075), (464, 1105), (505, 1168), (532, 1240), (544, 1270), (547, 1276), (548, 1279), (672, 1525), (692, 1546), (699, 1561), (701, 1564), (709, 1576), (765, 1636), (789, 1681), (796, 1699), (801, 1708), (822, 1738), (912, 1831), (923, 1852), (930, 1861), (978, 1921), (1057, 2041),

(1129, 2134), (1144, 2152), (1190, 2206),

Gene: Rhodalysa_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Rhodalysa_8:
(Start: 104 @3156 has 36 MA's), (Start: 258 @3342 has 2 MA's), (300, 3414), (311, 3426), (323, 3450), (327, 3462), (411, 3615), (420, 3630), (449, 3690), (510, 3798), (534, 3855), (618, 4053), (623, 4071), (647, 4125), (778, 4269), (798, 4308), (800, 4311), (817, 4344), (869, 4413), (985, 4557), (1010, 4602), (1081, 4662), (1142, 4761), (1168, 4794), (1191, 4821), (1193, 4824), (1196, 4827),

Gene: Rhogar_3 Start: 1086, Stop: 2546, Start Num: 149
Candidate Starts for Rhogar_3:
(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (642, 1881), (649, 1896), (674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: RhynO_12 Start: 6844, Stop: 8535, Start Num: 95
Candidate Starts for RhynO_12:
(Start: 95 @6844 has 435 MA's), (Start: 122 @6868 has 1 MA's), (Start: 207 @6991 has 2 MA's), (267, 7057), (300, 7111), (311, 7123), (330, 7168), (362, 7222), (378, 7249), (386, 7264), (411, 7309), (432, 7348), (458, 7396), (469, 7417), (479, 7441), (510, 7492), (570, 7615), (626, 7762), (650, 7822), (685, 7867), (740, 7933), (800, 8008), (812, 8032), (862, 8098), (916, 8158), (985, 8254), (1014, 8308), (1168, 8491), (1193, 8521), (1196, 8524),

Gene: Rhynn_11 Start: 7048, Stop: 8736, Start Num: 95
Candidate Starts for Rhynn_11:
(Start: 95 @7048 has 435 MA's), (311, 7312), (323, 7336), (411, 7498), (430, 7531), (469, 7606), (499, 7660), (510, 7696), (518, 7720), (534, 7747), (553, 7795), (591, 7864), (620, 7951), (644, 8011), (819, 8245), (832, 8257), (862, 8299), (882, 8320), (908, 8347), (985, 8455), (1070, 8545), (1139, 8650),

Gene: Rhysand_3 Start: 1086, Stop: 2546, Start Num: 149
Candidate Starts for Rhysand_3:
(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (642, 1881), (649, 1896), (674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: Rickmore_16 Start: 9071, Stop: 10816, Start Num: 187
Candidate Starts for Rickmore_16:
(Start: 187 @9071 has 203 MA's), (195, 9077), (252, 9164), (254, 9170), (274, 9206), (302, 9260), (309, 9266), (395, 9437), (419, 9479), (420, 9482), (444, 9545), (454, 9566), (492, 9635), (530, 9737), (555, 9794), (578, 9851), (582, 9863), (604, 9923), (644, 10022), (647, 10028), (682, 10085), (726, 10151), (863, 10337), (868, 10346), (916, 10412), (929, 10433), (931, 10436), (1051, 10616), (1069, 10661), (1071, 10664), (1080, 10676), (1136, 10766), (1139, 10769),

Gene: RidgeCB_11 Start: 6575, Stop: 8263, Start Num: 95
Candidate Starts for RidgeCB_11:
(Start: 95 @6575 has 435 MA's), (Start: 258 @6755 has 2 MA's), (311, 6839), (327, 6875), (339, 6902), (411, 7025), (469, 7133), (510, 7223), (518, 7247), (534, 7274), (553, 7322), (620, 7478), (644, 7538), (819, 7772), (832, 7784), (862, 7826), (882, 7847), (908, 7874), (985, 7982), (1070, 8072), (1139, 8177),

Gene: Rifter_15 Start: 7506, Stop: 9260, Start Num: 96

Candidate Starts for Rifter_15:
(Start: 96 @7506 has 243 MA's), (200, 7638), (250, 7737), (262, 7761), (283, 7788), (300, 7824), (339, 7899), (411, 8022), (420, 8037), (432, 8061), (469, 8130), (479, 8154), (480, 8157), (510, 8220), (518, 8244), (583, 8373), (584, 8376), (623, 8487), (732, 8649), (800, 8736), (806, 8748), (812, 8760), (852, 8808), (862, 8823), (916, 8883), (979, 8967), (985, 8979), (1168, 9216), (1191, 9243), (1193, 9246),

Gene: Rima_8 Start: 3146, Stop: 4891, Start Num: 187
Candidate Starts for Rima_8:
(Start: 187 @3146 has 203 MA's), (229, 3200), (231, 3203), (252, 3239), (254, 3245), (380, 3479), (430, 3578), (444, 3620), (454, 3641), (476, 3683), (480, 3695), (522, 3794), (530, 3812), (545, 3848), (634, 4073), (644, 4097), (647, 4103), (726, 4226), (771, 4295), (863, 4412), (866, 4418), (876, 4439), (929, 4508), (931, 4511), (962, 4562), (1012, 4649), (1059, 4715), (1071, 4739), (1080, 4751), (1094, 4769), (1136, 4841), (1139, 4844),

Gene: Ringer_11 Start: 7246, Stop: 8934, Start Num: 95
Candidate Starts for Ringer_11:
(Start: 95 @7246 has 435 MA's), (Start: 258 @7426 has 2 MA's), (311, 7510), (327, 7546), (339, 7573), (411, 7696), (469, 7804), (510, 7894), (518, 7918), (534, 7945), (553, 7993), (620, 8149), (644, 8209), (813, 8434), (819, 8443), (832, 8455), (862, 8497), (882, 8518), (908, 8545), (985, 8653), (1070, 8743), (1139, 8848),

Gene: Riovina_2 Start: 429, Stop: 1994, Start Num: 129
Candidate Starts for Riovina_2:
(Start: 129 @429 has 79 MA's), (Start: 245 @600 has 2 MA's), (313, 693), (342, 759), (364, 783), (394, 837), (464, 966), (521, 1080), (548, 1140), (564, 1170), (637, 1269), (642, 1284), (692, 1365), (768, 1452), (804, 1527), (806, 1530), (834, 1560), (907, 1644), (939, 1692), (983, 1716), (1054, 1806), (1095, 1860), (1151, 1941), (1192, 1980),

Gene: Rira_3 Start: 1113, Stop: 2573, Start Num: 149
Candidate Starts for Rira_3:
(Start: 149 @1113 has 162 MA's), (Start: 154 @1119 has 4 MA's), (Start: 272 @1281 has 48 MA's), (278, 1290), (315, 1350), (348, 1419), (366, 1440), (394, 1491), (520, 1695), (592, 1830), (642, 1908), (649, 1923), (661, 1941), (674, 1959), (703, 2001), (739, 2034), (765, 2052), (834, 2172), (835, 2175), (848, 2187), (857, 2199), (862, 2211), (905, 2262), (941, 2319), (944, 2325), (949, 2334), (958, 2343), (960, 2346), (1098, 2508), (1104, 2517), (1110, 2526), (1135, 2565),

Gene: Rita_2 Start: 588, Stop: 2225, Start Num: 111
Candidate Starts for Rita_2:
(Start: 111 @588 has 202 MA's), (Start: 125 @603 has 1 MA's), (Start: 129 @612 has 79 MA's), (133, 618), (Start: 158 @645 has 2 MA's), (Start: 185 @669 has 2 MA's), (188, 672), (224, 735), (230, 753), (244, 774), (312, 861), (315, 867), (352, 921), (369, 933), (377, 945), (381, 954), (383, 957), (392, 978), (404, 999), (415, 1014), (440, 1071), (461, 1110), (502, 1179), (505, 1185), (514, 1215), (515, 1218), (518, 1227), (523, 1242), (534, 1260), (557, 1311), (604, 1413), (711, 1584), (726, 1596), (748, 1614), (800, 1680), (816, 1710), (818, 1713), (820, 1716), (869, 1773), (884, 1788), (889, 1794), (893, 1797), (901, 1812), (908, 1821), (957, 1890), (982, 1920), (988, 1929), (1006, 1962), (1024, 1995), (1069, 2022), (1094, 2055), (1112, 2082), (1114, 2085), (1127, 2106), (1139, 2130), (1142, 2139), (1145, 2142), (1184, 2199),

Gene: RitaG_2 Start: 571, Stop: 2208, Start Num: 111
Candidate Starts for RitaG_2:
(Start: 111 @571 has 202 MA's), (Start: 118 @580 has 1 MA's), (Start: 129 @595 has 79 MA's), (Start: 185 @652 has 2 MA's), (188, 655), (224, 718), (244, 757), (312, 844), (352, 904), (369, 916), (377, 928), (381, 937), (383, 940), (392, 961), (404, 982), (440, 1054), (461, 1093), (502, 1162), (505, 1168),

(514, 1198), (515, 1201), (518, 1210), (523, 1225), (534, 1243), (557, 1294), (601, 1387), (604, 1396), (711, 1567), (726, 1579), (800, 1663), (816, 1693), (818, 1696), (820, 1699), (869, 1756), (884, 1771), (889, 1777), (893, 1780), (901, 1795), (908, 1804), (957, 1873), (982, 1903), (988, 1912), (1006, 1945), (1024, 1978), (1069, 2005), (1094, 2038), (1114, 2068), (1127, 2089), (1139, 2113), (1142, 2122), (1145, 2125), (1184, 2182),

Gene: RiverMonster_8 Start: 2274, Stop: 3944, Start Num: 272
Candidate Starts for RiverMonster_8:
(Start: 272 @2274 has 48 MA's), (309, 2337), (435, 2571), (487, 2673), (570, 2853), (576, 2877), (585, 2895), (595, 2907), (616, 2970), (621, 2982), (642, 3027), (649, 3042), (700, 3120), (728, 3165), (759, 3219), (760, 3225), (814, 3339), (910, 3483), (933, 3519), (1014, 3672), (1022, 3684), (1065, 3741), (1091, 3777), (1124, 3828), (1142, 3864), (1145, 3867), (1193, 3933),

Gene: Riverdale_5 Start: 3064, Stop: 4629, Start Num: 129
Candidate Starts for Riverdale_5:
(Start: 129 @3064 has 79 MA's), (Start: 268 @3274 has 4 MA's), (313, 3328), (342, 3394), (364, 3418), (485, 3634), (496, 3649), (500, 3655), (521, 3715), (625, 3874), (637, 3904), (642, 3919), (692, 4000), (764, 4078), (768, 4087), (787, 4123), (804, 4162), (834, 4195), (838, 4204), (861, 4231), (912, 4285), (939, 4327), (1001, 4372), (1008, 4393), (1022, 4417), (1095, 4495), (1192, 4615),

Gene: Roary_9 Start: 5668, Stop: 7422, Start Num: 63
Candidate Starts for Roary_9:
(Start: 63 @5668 has 32 MA's), (Start: 86 @5710 has 10 MA's), (Start: 125 @5749 has 1 MA's), (200, 5857), (339, 6064), (449, 6265), (510, 6373), (570, 6502), (632, 6667), (647, 6700), (743, 6820), (800, 6895), (882, 7006), (901, 7024), (916, 7045), (954, 7099), (985, 7141), (1024, 7210), (1081, 7246), (1142, 7345), (1168, 7378), (1196, 7411), (1202, 7417),

Gene: RockScotty_2 Start: 594, Stop: 2282, Start Num: 119
Candidate Starts for RockScotty_2:
(Start: 119 @594 has 16 MA's), (373, 939), (386, 963), (411, 1008), (456, 1095), (482, 1149), (509, 1188), (570, 1323), (608, 1425), (773, 1647), (800, 1698), (959, 1917), (985, 1953), (997, 1968), (1142, 2193), (1150, 2205), (1165, 2220), (1204, 2271),

Gene: RockieBear_10 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for RockieBear_10:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Rockne_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Rockne_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1016, 1982), (1024, 1994), (1069, 2021), (1094, 2054), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Rocksand_11 Start: 6883, Stop: 8580, Start Num: 95
Candidate Starts for Rocksand_11:
(Start: 95 @6883 has 435 MA's), (Start: 122 @6907 has 1 MA's), (Start: 207 @7030 has 2 MA's), (293, 7120), (311, 7153), (362, 7252), (408, 7336), (411, 7339), (432, 7378), (469, 7447), (479, 7471), (510, 7537), (550, 7627), (620, 7792), (661, 7879), (685, 7912), (740, 7978), (798, 8050), (800, 8053), (812, 8077), (852, 8128), (862, 8143), (901, 8182), (916, 8203), (985, 8299), (1168, 8536), (1193, 8566), (1196, 8569),

Gene: Rockstar_11 Start: 6367, Stop: 8064, Start Num: 95
Candidate Starts for Rockstar_11:
(Start: 95 @6367 has 435 MA's), (152, 6439), (311, 6637), (339, 6700), (403, 6811), (411, 6823), (438, 6874), (469, 6931), (479, 6955), (510, 7021), (513, 7030), (550, 7111), (565, 7138), (620, 7276), (647, 7342), (661, 7363), (685, 7396), (740, 7462), (800, 7537), (812, 7561), (813, 7564), (817, 7570), (825, 7579), (862, 7627), (901, 7666), (916, 7687), (985, 7783), (1014, 7837), (1145, 7990), (1168, 8020), (1193, 8050), (1196, 8053),

Gene: Rohr_12 Start: 7254, Stop: 8942, Start Num: 95
Candidate Starts for Rohr_12:
(Start: 95 @7254 has 435 MA's), (Start: 258 @7434 has 2 MA's), (311, 7518), (327, 7554), (339, 7581), (411, 7704), (430, 7737), (469, 7812), (510, 7902), (518, 7926), (534, 7953), (553, 8001), (620, 8157), (644, 8217), (813, 8442), (819, 8451), (832, 8463), (862, 8505), (882, 8526), (908, 8553), (985, 8661), (1070, 8751), (1139, 8856),

Gene: Roimos_11 Start: 6465, Stop: 8162, Start Num: 95
Candidate Starts for Roimos_11:
(Start: 95 @6465 has 435 MA's), (152, 6537), (311, 6735), (403, 6909), (411, 6921), (432, 6960), (438, 6972), (469, 7029), (479, 7053), (510, 7119), (513, 7128), (550, 7209), (620, 7374), (647, 7440), (661, 7461), (685, 7494), (740, 7560), (800, 7635), (812, 7659), (813, 7662), (817, 7668), (825, 7677), (862, 7725), (916, 7785), (985, 7881), (1010, 7926), (1014, 7935), (1145, 8088), (1168, 8118), (1193, 8148), (1196, 8151),

Gene: Roksolana_15 Start: 7533, Stop: 9287, Start Num: 96
Candidate Starts for Roksolana_15:
(Start: 96 @7533 has 243 MA's), (200, 7665), (250, 7764), (262, 7788), (283, 7815), (300, 7851), (339, 7926), (411, 8049), (420, 8064), (432, 8088), (469, 8157), (479, 8181), (480, 8184), (510, 8247), (518, 8271), (583, 8400), (584, 8403), (623, 8514), (732, 8676), (800, 8763), (806, 8775), (812, 8787), (852, 8835), (862, 8850), (901, 8889), (916, 8910), (979, 8994), (985, 9006), (1168, 9243), (1191, 9270), (1193, 9273),

Gene: Rollins_2 Start: 653, Stop: 2215, Start Num: 171
Candidate Starts for Rollins_2:
(Start: 171 @653 has 84 MA's), (Start: 245 @761 has 2 MA's), (278, 809), (342, 917), (347, 923), (360, 932), (363, 938), (364, 941), (422, 1037), (464, 1100), (521, 1214), (548, 1274), (558, 1292), (665, 1520), (699, 1565), (796, 1703), (1057, 2030), (1195, 2204), (1201, 2207),

Gene: Romney_11 Start: 6883, Stop: 8580, Start Num: 95
Candidate Starts for Romney_11:
(Start: 95 @6883 has 435 MA's), (Start: 122 @6907 has 1 MA's), (Start: 207 @7030 has 2 MA's), (293, 7120), (311, 7153), (362, 7252), (408, 7336), (411, 7339), (432, 7378), (469, 7447), (479, 7471), (510, 7537), (550, 7627), (620, 7792), (661, 7879), (685, 7912), (740, 7978), (798, 8050), (800, 8053), (812, 8077), (852, 8128), (862, 8143), (901, 8182), (916, 8203), (985, 8299), (1168, 8536), (1193, 8566), (1196, 8569),

Gene: RonRayGun_3 Start: 724, Stop: 2607, Start Num: 66
Candidate Starts for RonRayGun_3:
(14, 475), (Start: 66 @724 has 7 MA's), (127, 805), (131, 814), (197, 910), (204, 922), (300, 1054), (383, 1201), (386, 1207), (400, 1234), (411, 1252), (442, 1315), (514, 1450), (599, 1651), (630, 1708), (803, 1927), (835, 1978), (843, 2002), (874, 2053), (961, 2182), (980, 2221), (985, 2230), (1010, 2281), (1033, 2320), (1072, 2407), (1081, 2419), (1141, 2512), (1150, 2527), (1152, 2530),

Gene: Rona_3 Start: 944, Stop: 2563, Start Num: 171
Candidate Starts for Rona_3:
(4, 410), (Start: 169 @938 has 6 MA's), (Start: 171 @944 has 84 MA's), (278, 1100), (333, 1190), (342, 1208), (360, 1223), (398, 1292), (415, 1316), (425, 1334), (464, 1391), (498, 1442), (500, 1445), (521, 1505), (532, 1526), (542, 1553), (558, 1583), (753, 1922), (837, 2045), (1064, 2360), (1095, 2399), (1187, 2516),

Gene: Roney_13 Start: 7213, Stop: 8958, Start Num: 187
Candidate Starts for Roney_13:
(Start: 187 @7213 has 203 MA's), (195, 7219), (252, 7306), (254, 7312), (274, 7348), (302, 7402), (444, 7687), (451, 7705), (454, 7708), (492, 7777), (530, 7879), (545, 7915), (555, 7936), (570, 7960), (588, 8017), (604, 8065), (630, 8131), (644, 8164), (647, 8170), (665, 8200), (680, 8221), (726, 8293), (868, 8488), (916, 8554), (929, 8575), (931, 8578), (968, 8638), (1045, 8749), (1060, 8785), (1071, 8806), (1080, 8818), (1114, 8866), (1136, 8908), (1139, 8911),

Gene: Ronnie_4 Start: 800, Stop: 2290, Start Num: 146
Candidate Starts for Ronnie_4:
(Start: 146 @800 has 40 MA's), (181, 845), (255, 947), (267, 965), (274, 974), (313, 1025), (315, 1028), (319, 1037), (330, 1067), (345, 1094), (415, 1193), (474, 1292), (486, 1316), (488, 1319), (491, 1322), (513, 1367), (650, 1601), (692, 1649), (694, 1661), (728, 1700), (748, 1718), (768, 1730), (770, 1733), (781, 1754), (785, 1760), (789, 1772), (838, 1850), (874, 1904), (930, 1958), (940, 1970), (970, 2015), (1005, 2063), (1081, 2147), (1125, 2204), (1175, 2273),

Gene: Roosevelt_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Roosevelt_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Root_4 Start: 1296, Stop: 2876, Start Num: 100
Candidate Starts for Root_4:
(Start: 100 @1296 has 1 MA's), (Start: 136 @1347 has 1 MA's), (Start: 141 @1356 has 2 MA's), (209, 1443), (255, 1515), (267, 1533), (313, 1593), (315, 1596), (319, 1605), (330, 1635), (394, 1737), (422, 1779), (488, 1893), (491, 1896), (513, 1941), (532, 1986), (536, 1995), (650, 2175), (659, 2187), (663, 2193), (692, 2229), (694, 2241), (781, 2337), (834, 2424), (861, 2460), (867, 2472), (872, 2481), (889, 2493), (917, 2523), (930, 2541), (967, 2598), (980, 2622), (1049, 2709), (1072, 2733), (1081, 2745), (1103, 2772),

Gene: RootBeer_2 Start: 477, Stop: 2246, Start Num: 194
Candidate Starts for RootBeer_2:
(181, 459), (Start: 194 @477 has 4 MA's), (259, 594), (296, 660), (301, 672), (314, 690), (336, 741), (401, 843), (476, 990), (515, 1068), (597, 1239), (626, 1320), (642, 1350), (691, 1422), (786, 1593), (826, 1665), (959, 1869), (994, 1935), (1001, 1944), (1011, 1971), (1030, 2004), (1042, 2034), (1066, 2058), (1073, 2067), (1114, 2109), (1148, 2172), (1202, 2235),

Gene: Rosa24_10 Start: 6859, Stop: 8556, Start Num: 95
Candidate Starts for Rosa24_10:
(Start: 95 @6859 has 435 MA's), (Start: 122 @6883 has 1 MA's), (Start: 207 @7006 has 2 MA's), (293, 7096), (311, 7129), (408, 7312), (411, 7315), (432, 7354), (469, 7423), (479, 7447), (510, 7513), (550, 7603), (620, 7768), (661, 7855), (685, 7888), (740, 7954), (798, 8026), (800, 8029), (812, 8053), (852, 8104), (862, 8119), (901, 8158), (916, 8179), (985, 8275), (1168, 8512), (1193, 8542), (1196, 8545),

Gene: RosaAsantewaa_7 Start: 2623, Stop: 4365, Start Num: 187
Candidate Starts for RosaAsantewaa_7:
(Start: 183 @2617 has 2 MA's), (Start: 187 @2623 has 203 MA's), (243, 2698), (252, 2716), (254, 2722), (318, 2836), (413, 3019), (427, 3049), (444, 3097), (454, 3118), (476, 3160), (526, 3280), (530, 3289), (602, 3469), (604, 3475), (644, 3574), (647, 3580), (726, 3703), (771, 3772), (863, 3886), (876, 3913), (929, 3982), (931, 3985), (962, 4036), (1071, 4213), (1080, 4225), (1094, 4243), (1136, 4315), (1139, 4318),

Gene: Rosalind_14 Start: 6808, Stop: 8505, Start Num: 96
Candidate Starts for Rosalind_14:
(Start: 96 @6808 has 243 MA's), (Start: 118 @6826 has 1 MA's), (253, 6988), (339, 7144), (381, 7213), (411, 7267), (469, 7375), (480, 7402), (510, 7465), (518, 7489), (812, 8005), (862, 8068), (904, 8110), (985, 8224), (1081, 8329), (1168, 8461), (1191, 8488), (1193, 8491), (1196, 8494),

Gene: RoscoWindex_3 Start: 1086, Stop: 2546, Start Num: 149
Candidate Starts for RoscoWindex_3:
(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (642, 1881), (649, 1896), (674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: Rose5_4 Start: 1052, Stop: 2635, Start Num: 93
Candidate Starts for Rose5_4:
(Start: 93 @1052 has 92 MA's), (Start: 99 @1058 has 9 MA's), (238, 1229), (304, 1316), (313, 1334), (316, 1340), (330, 1376), (420, 1514), (422, 1517), (464, 1592), (494, 1646), (496, 1649), (498, 1652), (591, 1820), (632, 1874), (637, 1883), (643, 1898), (653, 1919), (685, 1958), (694, 1979), (699, 1985), (722, 2012), (759, 2054), (776, 2078), (786, 2096), (789, 2105), (790, 2111), (804, 2144), (834, 2177), (862, 2216), (865, 2222), (867, 2225), (912, 2270), (962, 2336), (999, 2387), (1005, 2402), (1008, 2411), (1016, 2426), (1018, 2429), (1125, 2531), (1140, 2558), (1181, 2609), (1183, 2612),

Gene: RoseMarie_14 Start: 4966, Stop: 6510, Start Num: 130
Candidate Starts for RoseMarie_14:
(Start: 130 @4966 has 21 MA's), (Start: 163 @5014 has 23 MA's), (392, 5353), (500, 5515), (512, 5545), (520, 5569), (643, 5755), (676, 5806), (729, 5878), (785, 5929), (789, 5941), (796, 5965), (857, 6040), (862, 6052), (907, 6112), (930, 6145), (944, 6166), (959, 6178), (977, 6205), (999, 6235), (1007, 6253), (1143, 6439), (1158, 6460),

Gene: Rossetti_4 Start: 1069, Stop: 2637, Start Num: 93
Candidate Starts for Rossetti_4:
(Start: 93 @1069 has 92 MA's), (Start: 99 @1075 has 9 MA's), (228, 1231), (313, 1351), (321, 1366), (419, 1528), (422, 1534), (450, 1594), (494, 1666), (498, 1672), (509, 1693), (558, 1792), (591, 1840), (632, 1894), (643, 1918), (671, 1963), (676, 1969), (694, 1999), (699, 2005), (722, 2032), (729, 2041), (776, 2098), (779, 2104), (789, 2125), (790, 2131), (838, 2206), (845, 2209), (867, 2245), (912, 2290), (962, 2356), (999, 2407), (1008, 2431), (1018, 2449), (1024, 2458), (1158, 2605), (1181, 2629), (1183, 2632),

Gene: Rowa_2 Start: 530, Stop: 2230, Start Num: 201
Candidate Starts for Rowa_2:
(Start: 176 @494 has 8 MA's), (192, 518), (Start: 201 @530 has 43 MA's), (286, 638), (309, 683), (397, 842), (439, 926), (487, 1016), (508, 1055), (539, 1136), (596, 1241), (626, 1325), (641, 1352), (700, 1448), (744, 1526), (760, 1553), (775, 1580), (780, 1583), (810, 1640), (814, 1649), (821, 1661), (881, 1763), (954, 1868), (959, 1874), (973, 1898), (980, 1916), (1001, 1955), (1011, 1982), (1036, 2015), (1114, 2114), (1145, 2171), (1148, 2177),

Gene: Rowdy_14 Start: 6755, Stop: 8446, Start Num: 95
Candidate Starts for Rowdy_14:
(Start: 95 @6755 has 435 MA's), (Start: 122 @6779 has 1 MA's), (Start: 207 @6902 has 2 MA's), (267, 6968), (300, 7022), (311, 7034), (330, 7079), (362, 7133), (378, 7160), (386, 7175), (411, 7220), (432, 7259), (458, 7307), (469, 7328), (479, 7352), (510, 7403), (570, 7526), (626, 7673), (650, 7733), (685, 7778), (740, 7844), (800, 7919), (812, 7943), (862, 8009), (916, 8069), (985, 8165), (1014, 8219), (1168, 8402), (1193, 8432), (1196, 8435),

Gene: Royals2015_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Royals2015_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Rozby_5 Start: 3064, Stop: 4629, Start Num: 129
Candidate Starts for Rozby_5:
(Start: 129 @3064 has 79 MA's), (Start: 268 @3274 has 4 MA's), (313, 3328), (342, 3394), (364, 3418), (485, 3634), (494, 3646), (496, 3649), (500, 3655), (521, 3715), (548, 3775), (625, 3874), (637, 3904), (642, 3919), (692, 4000), (764, 4078), (768, 4087), (787, 4123), (804, 4162), (834, 4195), (838, 4204), (861, 4231), (912, 4285), (939, 4327), (1001, 4372), (1008, 4393), (1022, 4417), (1095, 4495), (1192, 4615),

Gene: Rubeus_12 Start: 7080, Stop: 8768, Start Num: 107
Candidate Starts for Rubeus_12:
(Start: 107 @7080 has 24 MA's), (253, 7251), (Start: 258 @7260 has 2 MA's), (311, 7344), (324, 7371), (327, 7380), (411, 7530), (430, 7563), (469, 7638), (510, 7728), (518, 7752), (534, 7779), (553, 7827), (620, 7983), (644, 8043), (813, 8268), (819, 8277), (832, 8289), (862, 8331), (882, 8352), (908, 8379), (985, 8487), (1070, 8577), (1139, 8682),

Gene: Ruby_2 Start: 573, Stop: 2210, Start Num: 111
Candidate Starts for Ruby_2:
(Start: 111 @573 has 202 MA's), (Start: 118 @582 has 1 MA's), (Start: 129 @597 has 79 MA's), (147, 618), (Start: 185 @654 has 2 MA's), (188, 657), (200, 675), (224, 720), (244, 759), (312, 846), (352, 906), (377, 930), (381, 939), (383, 942), (392, 963), (404, 984), (415, 999), (440, 1056), (461, 1095), (502, 1164), (505, 1170), (514, 1200), (515, 1203), (518, 1212), (523, 1227), (534, 1245), (557, 1296), (601, 1389), (604, 1398), (711, 1569), (726, 1581), (800, 1665), (816, 1695), (818, 1698), (820, 1701), (869, 1758), (884, 1773), (889, 1779), (893, 1782), (901, 1797), (908, 1806), (957, 1875), (982, 1905), (988, 1914), (1006, 1947), (1024, 1980), (1069, 2007), (1094, 2040), (1114, 2070), (1127, 2091),

(1139, 2115), (1142, 2124), (1145, 2127), (1184, 2184),

Gene: Ruchi_3 Start: 1027, Stop: 2607, Start Num: 182
Candidate Starts for Ruchi_3:
(Start: 120 @937 has 11 MA's), (Start: 134 @961 has 16 MA's), (Start: 182 @1027 has 15 MA's), (Start: 246 @1123 has 12 MA's), (248, 1126), (252, 1132), (319, 1225), (334, 1264), (342, 1279), (364, 1303), (425, 1405), (521, 1576), (526, 1588), (548, 1636), (559, 1657), (581, 1717), (593, 1747), (599, 1756), (628, 1819), (701, 1936), (780, 2035), (787, 2047), (829, 2113), (838, 2128), (862, 2158), (903, 2197), (909, 2206), (915, 2215), (939, 2251), (982, 2305), (1125, 2515), (1154, 2557), (1190, 2596),

Gene: Rufus_12 Start: 7137, Stop: 8825, Start Num: 107
Candidate Starts for Rufus_12:
(Start: 107 @7137 has 24 MA's), (253, 7308), (Start: 258 @7317 has 2 MA's), (311, 7401), (324, 7428), (327, 7437), (411, 7587), (430, 7620), (469, 7695), (510, 7785), (518, 7809), (534, 7836), (553, 7884), (591, 7953), (615, 8028), (620, 8040), (644, 8100), (819, 8334), (832, 8346), (862, 8388), (882, 8409), (908, 8436), (985, 8544), (1070, 8634), (1139, 8739),

Gene: Ruin_11 Start: 6883, Stop: 8580, Start Num: 95
Candidate Starts for Ruin_11:
(Start: 95 @6883 has 435 MA's), (Start: 122 @6907 has 1 MA's), (Start: 207 @7030 has 2 MA's), (293, 7120), (311, 7153), (362, 7252), (408, 7336), (411, 7339), (432, 7378), (469, 7447), (479, 7471), (510, 7537), (550, 7627), (620, 7792), (661, 7879), (685, 7912), (740, 7978), (798, 8050), (800, 8053), (812, 8077), (852, 8128), (862, 8143), (901, 8182), (916, 8203), (985, 8299), (1168, 8536), (1193, 8566), (1196, 8569),

Gene: Rummer_13 Start: 7041, Stop: 8741, Start Num: 102
Candidate Starts for Rummer_13:
(Start: 102 @7041 has 88 MA's), (137, 7089), (253, 7224), (362, 7416), (411, 7503), (510, 7701), (550, 7791), (583, 7854), (644, 8016), (800, 8214), (812, 8238), (813, 8241), (862, 8304), (882, 8325), (916, 8364), (985, 8460), (1014, 8514), (1070, 8550), (1168, 8697), (1193, 8727), (1196, 8730),

Gene: Rumpelstiltskin_4 Start: 1069, Stop: 2637, Start Num: 93
Candidate Starts for Rumpelstiltskin_4:
(Start: 93 @1069 has 92 MA's), (Start: 99 @1075 has 9 MA's), (228, 1231), (338, 1408), (419, 1528), (422, 1534), (450, 1594), (494, 1666), (498, 1672), (509, 1693), (558, 1792), (559, 1795), (591, 1840), (632, 1894), (643, 1918), (671, 1963), (676, 1969), (694, 1999), (699, 2005), (722, 2032), (729, 2041), (776, 2098), (779, 2104), (789, 2125), (790, 2131), (838, 2206), (845, 2209), (867, 2245), (912, 2290), (962, 2356), (1008, 2431), (1018, 2449), (1024, 2458), (1158, 2605), (1181, 2629), (1183, 2632),

Gene: Runhaar_17 Start: 10303, Stop: 12048, Start Num: 187
Candidate Starts for Runhaar_17:
(Start: 187 @10303 has 203 MA's), (195, 10309), (252, 10396), (254, 10402), (274, 10438), (302, 10492), (322, 10522), (395, 10669), (444, 10777), (451, 10795), (454, 10798), (492, 10867), (522, 10951), (530, 10969), (555, 11026), (604, 11155), (644, 11254), (647, 11260), (704, 11359), (726, 11383), (863, 11569), (868, 11578), (916, 11644), (929, 11665), (931, 11668), (1069, 11893), (1071, 11896), (1080, 11908), (1136, 11998), (1139, 12001),

Gene: Ruotula_10 Start: 7196, Stop: 8884, Start Num: 95
Candidate Starts for Ruotula_10:
(Start: 95 @7196 has 435 MA's), (311, 7460), (323, 7484), (411, 7646), (430, 7679), (469, 7754), (510, 7844), (518, 7868), (534, 7895), (553, 7943), (591, 8012), (620, 8099), (644, 8159), (819, 8393), (832, 8405), (862, 8447), (882, 8468), (908, 8495), (985, 8603), (1070, 8693), (1139, 8798),

Gene: Rusticus_7 Start: 2580, Stop: 4208, Start Num: 86
Candidate Starts for Rusticus_7:
(Start: 73 @2562 has 95 MA's), (Start: 86 @2580 has 10 MA's), (283, 2784), (326, 2865), (400, 3000), (413, 3021), (437, 3066), (458, 3108), (497, 3180), (510, 3204), (550, 3291), (556, 3303), (584, 3357), (638, 3456), (673, 3516), (806, 3678), (811, 3687), (869, 3777), (906, 3810), (957, 3882), (959, 3885), (985, 3924), (1001, 3945), (1003, 3951), (1010, 3969), (1105, 4065), (1142, 4125),

Gene: RustyBoy_7 Start: 3427, Stop: 5175, Start Num: 187
Candidate Starts for RustyBoy_7:
(Start: 187 @3427 has 203 MA's), (254, 3526), (322, 3646), (413, 3823), (444, 3901), (454, 3922), (506, 4024), (530, 4093), (604, 4279), (621, 4324), (634, 4354), (644, 4378), (704, 4483), (726, 4507), (771, 4579), (868, 4705), (920, 4780), (929, 4792), (931, 4795), (951, 4828), (954, 4834), (1071, 5023), (1080, 5035), (1094, 5053), (1136, 5125), (1139, 5128),

Gene: Rutherferd_13 Start: 7598, Stop: 9286, Start Num: 107
Candidate Starts for Rutherferd_13:
(Start: 107 @7598 has 24 MA's), (Start: 258 @7778 has 2 MA's), (311, 7862), (324, 7889), (327, 7898), (411, 8048), (430, 8081), (469, 8156), (510, 8246), (518, 8270), (534, 8297), (553, 8345), (620, 8501), (644, 8561), (813, 8786), (819, 8795), (832, 8807), (862, 8849), (882, 8870), (908, 8897), (985, 9005), (1070, 9095), (1139, 9200),

Gene: Ryan_6 Start: 2079, Stop: 3779, Start Num: 163
Candidate Starts for Ryan_6:
(124, 2022), (Start: 146 @2058 has 40 MA's), (Start: 163 @2079 has 23 MA's), (233, 2202), (Start: 246 @2223 has 12 MA's), (278, 2271), (315, 2316), (316, 2319), (333, 2361), (342, 2379), (345, 2382), (378, 2424), (425, 2505), (426, 2508), (464, 2562), (521, 2676), (548, 2736), (559, 2757), (642, 2988), (692, 3054), (699, 3069), (796, 3240), (838, 3297), (869, 3339), (907, 3372), (932, 3411), (983, 3453), (1057, 3552), (1072, 3570), (1075, 3573), (1078, 3579), (1125, 3642), (1156, 3687), (1215, 3768),

Gene: RyeScarlet_14 Start: 8166, Stop: 9932, Start Num: 120
Candidate Starts for RyeScarlet_14:
(Start: 96 @8145 has 243 MA's), (Start: 114 @8160 has 11 MA's), (Start: 120 @8166 has 11 MA's), (200, 8277), (250, 8376), (339, 8538), (381, 8610), (411, 8664), (432, 8703), (469, 8775), (510, 8865), (518, 8889), (580, 9006), (584, 9021), (622, 9129), (659, 9204), (685, 9240), (717, 9300), (806, 9420), (817, 9441), (852, 9480), (901, 9534), (904, 9537), (916, 9555), (954, 9609), (979, 9639), (985, 9651), (1070, 9741), (1083, 9759), (1168, 9888), (1191, 9915), (1193, 9918),

Gene: SG4_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for SG4_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: SPB78_2 Start: 441, Stop: 2099, Start Num: 140
Candidate Starts for SPB78_2:
(Start: 140 @441 has 9 MA's), (Start: 191 @495 has 2 MA's), (200, 507), (253, 555), (260, 570), (267, 582), (300, 639), (324, 678), (365, 756), (378, 786), (402, 831), (411, 846), (422, 864), (514, 1041),

(598, 1218), (623, 1293), (678, 1398), (697, 1431), (707, 1446), (776, 1497), (813, 1584), (825, 1599), (856, 1641), (862, 1656), (869, 1668), (908, 1704), (959, 1776), (984, 1812), (997, 1830), (1014, 1869), (1047, 1884), (1075, 1911), (1185, 2079),

Gene: STLscum_12 Start: 7167, Stop: 8855, Start Num: 95
Candidate Starts for STLscum_12:
(Start: 95 @7167 has 435 MA's), (311, 7431), (323, 7455), (411, 7617), (430, 7650), (469, 7725), (510, 7815), (518, 7839), (534, 7866), (553, 7914), (620, 8070), (622, 8079), (644, 8130), (819, 8364), (832, 8376), (862, 8418), (882, 8439), (908, 8466), (985, 8574), (1070, 8664), (1139, 8769),

Gene: Saal_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for Saal_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (Start: 158 @629 has 2 MA's), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (244, 758), (312, 845), (352, 905), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (584, 1346), (601, 1388), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1024, 1979), (1069, 2006), (1094, 2039), (1112, 2066), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: Sabbb_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Sabbb_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (584, 1361), (604, 1412), (711, 1583), (726, 1595), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (1006, 1961), (1014, 1979), (1024, 1994), (1069, 2021), (1094, 2054), (1107, 2075), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Sabertooth_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Sabertooth_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Sabia_13 Start: 6950, Stop: 8650, Start Num: 102
Candidate Starts for Sabia_13:
(Start: 102 @6950 has 88 MA's), (137, 6998), (253, 7133), (362, 7325), (411, 7412), (510, 7610), (550, 7700), (583, 7763), (644, 7925), (800, 8123), (812, 8147), (813, 8150), (862, 8213), (882, 8234), (916, 8273), (985, 8369), (1014, 8423), (1070, 8459), (1168, 8606), (1193, 8636), (1196, 8639),

Gene: Sabinator_13 Start: 6955, Stop: 8655, Start Num: 102
Candidate Starts for Sabinator_13:
(Start: 102 @6955 has 88 MA's), (137, 7003), (253, 7138), (362, 7330), (411, 7417), (510, 7615), (550, 7705), (583, 7768), (644, 7930), (800, 8128), (812, 8152), (813, 8155), (862, 8218), (882, 8239), (916, 8278), (985, 8374), (1014, 8428), (1070, 8464), (1168, 8611), (1193, 8641), (1196, 8644),

Gene: Sabourin_2 Start: 593, Stop: 2281, Start Num: 119
Candidate Starts for Sabourin_2:
(Start: 119 @593 has 16 MA's), (295, 794), (373, 938), (386, 962), (411, 1007), (456, 1094), (482, 1148), (509, 1187), (570, 1322), (608, 1424), (687, 1535), (773, 1646), (800, 1697), (985, 1952), (997, 1967), (1142, 2192), (1150, 2204), (1165, 2219),

Gene: Sachet_3 Start: 1074, Stop: 2534, Start Num: 149
Candidate Starts for Sachet_3:
(Start: 149 @1074 has 162 MA's), (Start: 154 @1080 has 4 MA's), (Start: 272 @1242 has 48 MA's), (278, 1251), (315, 1311), (348, 1380), (366, 1401), (394, 1452), (520, 1656), (642, 1869), (649, 1884), (674, 1920), (703, 1962), (739, 1995), (765, 2013), (834, 2133), (835, 2136), (848, 2148), (905, 2223), (944, 2286), (958, 2304), (960, 2307), (1098, 2469), (1104, 2478), (1110, 2487), (1135, 2526),

Gene: Sachima_11 Start: 8124, Stop: 9896, Start Num: 114
Candidate Starts for Sachima_11:
(Start: 96 @8109 has 243 MA's), (Start: 114 @8124 has 11 MA's), (Start: 120 @8130 has 11 MA's), (200, 8241), (250, 8340), (339, 8502), (381, 8574), (411, 8628), (432, 8667), (469, 8739), (510, 8829), (518, 8853), (580, 8970), (584, 8985), (622, 9093), (659, 9168), (685, 9204), (717, 9264), (806, 9384), (817, 9405), (852, 9444), (901, 9498), (904, 9501), (916, 9519), (954, 9573), (979, 9603), (985, 9615), (1070, 9705), (1083, 9723), (1168, 9852), (1191, 9879), (1193, 9882),

Gene: Saftant_6 Start: 2534, Stop: 4177, Start Num: 74
Candidate Starts for Saftant_6:
(Start: 73 @2531 has 95 MA's), (Start: 74 @2534 has 1 MA's), (Start: 86 @2549 has 10 MA's), (152, 2606), (283, 2753), (300, 2789), (327, 2837), (386, 2942), (400, 2969), (405, 2978), (413, 2990), (480, 3125), (510, 3173), (556, 3272), (584, 3326), (605, 3386), (638, 3425), (673, 3485), (687, 3503), (743, 3566), (800, 3635), (811, 3656), (852, 3719), (869, 3746), (901, 3773), (916, 3794), (959, 3854), (985, 3893), (1003, 3920), (1010, 3938), (1157, 4115),

Gene: Sage7_3 Start: 1086, Stop: 2546, Start Num: 149
Candidate Starts for Sage7_3:
(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (642, 1881), (649, 1896), (674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: Sagefire_12 Start: 7849, Stop: 9537, Start Num: 95
Candidate Starts for Sagefire_12:
(Start: 95 @7849 has 435 MA's), (311, 8113), (323, 8137), (411, 8299), (430, 8332), (469, 8407), (510, 8497), (518, 8521), (534, 8548), (553, 8596), (620, 8752), (644, 8812), (819, 9046), (832, 9058), (862, 9100), (882, 9121), (908, 9148), (985, 9256), (1070, 9346), (1139, 9451),

Gene: Saintcarr_5 Start: 1939, Stop: 3639, Start Num: 163
Candidate Starts for Saintcarr_5:
(124, 1882), (Start: 146 @1918 has 40 MA's), (Start: 163 @1939 has 23 MA's), (233, 2062), (Start: 246 @2083 has 12 MA's), (278, 2131), (315, 2176), (316, 2179), (333, 2221), (342, 2239), (345, 2242), (347, 2245), (426, 2368), (464, 2422), (500, 2476), (521, 2536), (548, 2596), (559, 2617), (642, 2848), (692, 2914), (699, 2929), (796, 3100), (834, 3148), (838, 3157), (869, 3199), (907, 3232), (932, 3271), (983, 3313), (1054, 3403), (1072, 3430), (1075, 3433), (1078, 3439), (1125, 3502), (1181, 3580), (1215, 3628),

Gene: Saints25_9 Start: 2474, Stop: 4144, Start Num: 272
Candidate Starts for Saints25_9:

(Start: 272 @2474 has 48 MA's), (309, 2537), (435, 2771), (487, 2873), (570, 3053), (576, 3077), (585, 3095), (595, 3107), (616, 3170), (621, 3182), (642, 3227), (649, 3242), (700, 3320), (728, 3365), (759, 3419), (760, 3425), (814, 3539), (841, 3587), (910, 3683), (922, 3704), (933, 3719), (1014, 3872), (1022, 3884), (1065, 3941), (1091, 3977), (1124, 4028), (1142, 4064), (1145, 4067), (1193, 4133),

Gene: Saintus_9 Start: 5681, Stop: 7435, Start Num: 63
Candidate Starts for Saintus_9:
(Start: 63 @5681 has 32 MA's), (Start: 86 @5723 has 10 MA's), (Start: 125 @5762 has 1 MA's), (200, 5870), (339, 6077), (449, 6278), (510, 6386), (570, 6515), (632, 6680), (647, 6713), (743, 6833), (800, 6908), (882, 7019), (901, 7037), (916, 7058), (954, 7112), (985, 7154), (1142, 7358), (1168, 7391), (1196, 7424), (1202, 7430),

Gene: Salk_8 Start: 3618, Stop: 5366, Start Num: 187
Candidate Starts for Salk_8:
(Start: 174 @3600 has 5 MA's), (Start: 187 @3618 has 203 MA's), (252, 3711), (254, 3717), (292, 3774), (322, 3837), (413, 4014), (444, 4092), (454, 4113), (506, 4215), (530, 4284), (604, 4470), (634, 4545), (644, 4569), (704, 4674), (726, 4698), (778, 4782), (868, 4896), (876, 4914), (929, 4983), (931, 4986), (962, 5037), (992, 5079), (1051, 5166), (1060, 5193), (1071, 5214), (1080, 5226), (1094, 5244), (1139, 5319),

Gene: Salvus_6 Start: 2100, Stop: 3764, Start Num: 143
Candidate Starts for Salvus_6:
(Start: 143 @2100 has 83 MA's), (Start: 182 @2139 has 15 MA's), (200, 2163), (300, 2292), (378, 2439), (386, 2454), (411, 2499), (434, 2547), (450, 2583), (480, 2640), (497, 2664), (514, 2700), (604, 2898), (609, 2913), (623, 2952), (752, 3138), (789, 3189), (800, 3219), (959, 3432), (981, 3462), (1001, 3489), (1005, 3501), (1047, 3537), (1050, 3540), (1122, 3633), (1157, 3690),

Gene: Salz_12 Start: 8021, Stop: 9784, Start Num: 96
Candidate Starts for Salz_12:
(Start: 96 @8021 has 243 MA's), (Start: 120 @8042 has 11 MA's), (179, 8129), (250, 8258), (262, 8282), (300, 8345), (381, 8489), (408, 8540), (411, 8543), (469, 8654), (479, 8678), (480, 8681), (510, 8744), (513, 8753), (518, 8768), (580, 8885), (584, 8900), (605, 8960), (638, 9044), (740, 9185), (806, 9272), (812, 9284), (852, 9332), (862, 9347), (901, 9386), (916, 9407), (942, 9446), (979, 9491), (985, 9503), (1168, 9740), (1191, 9767),

Gene: SamW_2 Start: 374, Stop: 1957, Start Num: 169
Candidate Starts for SamW_2:
(Start: 167 @371 has 4 MA's), (Start: 169 @374 has 6 MA's), (Start: 171 @380 has 84 MA's), (288, 551), (313, 629), (317, 638), (420, 812), (490, 914), (494, 920), (500, 929), (505, 938), (525, 998), (547, 1046), (548, 1049), (613, 1112), (649, 1205), (701, 1271), (807, 1427), (823, 1445), (863, 1490), (889, 1532), (918, 1568), (927, 1583), (946, 1610), (948, 1613), (959, 1628), (990, 1661), (1001, 1676), (1024, 1724), (1050, 1754), (1058, 1772), (1115, 1847), (1166, 1922), (1196, 1946),

Gene: Samora_2 Start: 588, Stop: 2150, Start Num: 276
Candidate Starts for Samora_2:
(Start: 276 @588 has 4 MA's), (411, 816), (414, 822), (435, 864), (475, 945), (476, 948), (487, 969), (489, 972), (504, 999), (528, 1053), (539, 1083), (547, 1098), (570, 1137), (573, 1149), (590, 1182), (638, 1287), (759, 1479), (795, 1542), (822, 1590), (827, 1602), (835, 1617), (869, 1668), (872, 1674), (880, 1683), (910, 1722), (974, 1827), (975, 1830), (1013, 1899), (1084, 1998), (1088, 2004), (1099, 2016), (1117, 2028), (1118, 2031),

Gene: Samty_5 Start: 1186, Stop: 2751, Start Num: 93
Candidate Starts for Samty_5:

(Start: 93 @1186 has 92 MA's), (Start: 99 @1192 has 9 MA's), (238, 1363), (313, 1468), (319, 1480), (413, 1636), (419, 1645), (420, 1648), (422, 1651), (464, 1726), (494, 1780), (496, 1783), (498, 1786), (637, 2017), (685, 2092), (694, 2113), (699, 2119), (759, 2188), (776, 2212), (786, 2230), (790, 2245), (867, 2359), (907, 2398), (912, 2404), (962, 2470), (1016, 2560), (1024, 2572), (1078, 2611), (1143, 2698), (1181, 2743), (1183, 2746),

Gene: SanaSana_4 Start: 960, Stop: 2585, Start Num: 171
Candidate Starts for SanaSana_4:
(Start: 171 @960 has 84 MA's), (278, 1116), (342, 1224), (360, 1239), (398, 1308), (426, 1353), (498, 1458), (500, 1461), (521, 1521), (531, 1539), (532, 1542), (542, 1569), (558, 1599), (628, 1761), (782, 1977), (829, 2052), (837, 2064), (1095, 2418), (1129, 2466),

Gene: Sandaddy_10 Start: 6972, Stop: 8660, Start Num: 95
Candidate Starts for Sandaddy_10:
(Start: 95 @6972 has 435 MA's), (Start: 258 @7152 has 2 MA's), (311, 7236), (327, 7272), (339, 7299), (411, 7422), (469, 7530), (510, 7620), (518, 7644), (534, 7671), (553, 7719), (620, 7875), (644, 7935), (813, 8160), (819, 8169), (832, 8181), (862, 8223), (882, 8244), (908, 8271), (985, 8379), (1070, 8469), (1139, 8574),

Gene: Sandalphon_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Sandalphon_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Sandman_4 Start: 874, Stop: 2364, Start Num: 146
Candidate Starts for Sandman_4:
(Start: 146 @874 has 40 MA's), (181, 919), (255, 1021), (267, 1039), (274, 1048), (313, 1099), (315, 1102), (319, 1111), (330, 1141), (345, 1168), (415, 1267), (474, 1366), (486, 1390), (488, 1393), (491, 1396), (513, 1441), (650, 1675), (692, 1723), (694, 1735), (728, 1774), (748, 1792), (768, 1804), (770, 1807), (781, 1828), (785, 1834), (789, 1846), (838, 1924), (874, 1978), (930, 2032), (940, 2044), (970, 2089), (1005, 2137), (1081, 2221), (1125, 2278), (1175, 2347),

Gene: Sangak_7 Start: 2655, Stop: 4400, Start Num: 187
Candidate Starts for Sangak_7:
(Start: 187 @2655 has 203 MA's), (195, 2661), (229, 2709), (252, 2748), (254, 2754), (413, 3051), (444, 3129), (451, 3147), (454, 3150), (492, 3219), (506, 3252), (530, 3321), (573, 3414), (604, 3507), (647, 3612), (726, 3735), (771, 3807), (876, 3948), (929, 4017), (931, 4020), (1012, 4158), (1060, 4227), (1071, 4248), (1074, 4251), (1080, 4260), (1094, 4278), (1114, 4308), (1136, 4350), (1139, 4353),

Gene: SansAfet_3 Start: 677, Stop: 2305, Start Num: 171
Candidate Starts for SansAfet_3:
(Start: 171 @677 has 84 MA's), (278, 833), (342, 941), (398, 1025), (415, 1049), (425, 1067), (464, 1124), (498, 1175), (500, 1178), (521, 1238), (531, 1256), (542, 1286), (558, 1316), (829, 1772), (838, 1787), (1095, 2138), (1129, 2186), (1215, 2294),

Gene: SantasSleigh_3 Start: 1110, Stop: 2570, Start Num: 149
Candidate Starts for SantasSleigh_3:
(Start: 149 @1110 has 162 MA's), (Start: 154 @1116 has 4 MA's), (Start: 272 @1278 has 48 MA's), (278, 1287), (315, 1347), (348, 1416), (366, 1437), (394, 1488), (520, 1692), (642, 1905), (649, 1920), (674, 1956), (703, 1998), (739, 2031), (765, 2049), (834, 2169), (835, 2172), (848, 2184), (905, 2259), (944, 2322), (958, 2340), (960, 2343), (1098, 2505), (1104, 2514), (1110, 2523), (1135, 2562),

Gene: Santhid_2 Start: 511, Stop: 2100, Start Num: 161
Candidate Starts for Santhid_2:
(Start: 161 @511 has 13 MA's), (252, 646), (254, 652), (285, 694), (316, 733), (330, 769), (364, 817), (398, 877), (425, 919), (426, 922), (437, 946), (438, 949), (464, 976), (505, 1039), (532, 1111), (544, 1141), (547, 1147), (548, 1150), (692, 1417), (699, 1432), (701, 1435), (709, 1447), (765, 1507), (789, 1552), (796, 1570), (801, 1579), (822, 1609), (912, 1702), (923, 1723), (930, 1732), (978, 1792), (995, 1816), (1013, 1852), (1129, 2017), (1144, 2035), (1190, 2089),

Gene: Sanya_11 Start: 7634, Stop: 9322, Start Num: 95
Candidate Starts for Sanya_11:
(Start: 95 @7634 has 435 MA's), (311, 7898), (323, 7922), (411, 8084), (430, 8117), (469, 8192), (510, 8282), (518, 8306), (534, 8333), (553, 8381), (591, 8450), (620, 8537), (622, 8546), (644, 8597), (813, 8822), (819, 8831), (832, 8843), (862, 8885), (882, 8906), (908, 8933), (985, 9041), (1070, 9131), (1139, 9236),

Gene: Saphira_4 Start: 800, Stop: 2290, Start Num: 146
Candidate Starts for Saphira_4:
(Start: 146 @800 has 40 MA's), (181, 845), (255, 947), (274, 974), (313, 1025), (319, 1037), (330, 1067), (337, 1079), (345, 1094), (390, 1160), (422, 1205), (474, 1292), (486, 1316), (488, 1319), (491, 1322), (513, 1367), (521, 1391), (525, 1400), (562, 1466), (612, 1529), (616, 1541), (642, 1583), (650, 1601), (694, 1661), (748, 1718), (768, 1730), (781, 1754), (789, 1772), (838, 1850), (874, 1904), (930, 1958), (940, 1970), (945, 1979), (1002, 2054), (1005, 2063), (1018, 2090), (1081, 2147), (1122, 2201), (1175, 2273),

Gene: Sapo_1 Start: 60, Stop: 1748, Start Num: 52
Candidate Starts for Sapo_1:
(Start: 52 @60 has 23 MA's), (494, 750), (505, 768), (532, 840), (548, 879), (647, 1032), (705, 1107), (729, 1134), (801, 1245), (804, 1251), (807, 1257), (838, 1293), (906, 1383), (950, 1437), (983, 1470), (1138, 1680), (1144, 1683),

Gene: SarBear_3 Start: 676, Stop: 2304, Start Num: 171
Candidate Starts for SarBear_3:
(Start: 171 @676 has 84 MA's), (278, 832), (342, 940), (398, 1024), (415, 1048), (464, 1123), (498, 1174), (500, 1177), (521, 1237), (531, 1255), (542, 1285), (558, 1315), (829, 1771), (838, 1786), (1095, 2137), (1215, 2293),

Gene: SarFire_11 Start: 6833, Stop: 8521, Start Num: 95
Candidate Starts for SarFire_11:
(Start: 95 @6833 has 435 MA's), (Start: 258 @7013 has 2 MA's), (311, 7097), (327, 7133), (339, 7160), (411, 7283), (430, 7316), (469, 7391), (510, 7481), (518, 7505), (534, 7532), (553, 7580), (620, 7736), (622, 7745), (644, 7796), (819, 8030), (832, 8042), (862, 8084), (882, 8105), (908, 8132), (985, 8240), (1070, 8330), (1139, 8435),

Gene: Sara_3 Start: 1074, Stop: 2534, Start Num: 149
Candidate Starts for Sara_3:

(Start: 149 @1074 has 162 MA's), (Start: 154 @1080 has 4 MA's), (Start: 272 @1242 has 48 MA's), (278, 1251), (315, 1311), (348, 1380), (366, 1401), (394, 1452), (520, 1656), (642, 1869), (649, 1884), (674, 1920), (703, 1962), (739, 1995), (765, 2013), (834, 2133), (835, 2136), (848, 2148), (905, 2223), (944, 2286), (958, 2304), (960, 2307), (1098, 2469), (1104, 2478), (1110, 2487), (1135, 2526),

Gene: SarahRose_6 Start: 2376, Stop: 4022, Start Num: 73
Candidate Starts for SarahRose_6:
(Start: 73 @2376 has 95 MA's), (Start: 86 @2394 has 10 MA's), (Start: 207 @2526 has 2 MA's), (283, 2598), (300, 2634), (400, 2814), (413, 2835), (437, 2880), (458, 2922), (497, 2994), (510, 3018), (556, 3117), (565, 3132), (580, 3156), (581, 3162), (673, 3330), (800, 3480), (811, 3501), (852, 3564), (869, 3591), (959, 3699), (985, 3738), (1001, 3759), (1003, 3765), (1010, 3783), (1105, 3879), (1142, 3939), (1204, 4017),

Gene: Sarshaun_4 Start: 1069, Stop: 2637, Start Num: 93
Candidate Starts for Sarshaun_4:
(Start: 93 @1069 has 92 MA's), (Start: 99 @1075 has 9 MA's), (228, 1231), (419, 1528), (422, 1534), (450, 1594), (494, 1666), (498, 1672), (558, 1792), (591, 1840), (632, 1894), (643, 1918), (671, 1963), (676, 1969), (694, 1999), (699, 2005), (722, 2032), (729, 2041), (776, 2098), (779, 2104), (789, 2125), (790, 2131), (838, 2206), (845, 2209), (867, 2245), (912, 2290), (962, 2356), (1008, 2431), (1018, 2449), (1024, 2458), (1158, 2605), (1181, 2629), (1183, 2632),

Gene: Saskia_12 Start: 8024, Stop: 9787, Start Num: 96
Candidate Starts for Saskia_12:
(19, 7775), (Start: 96 @8024 has 243 MA's), (Start: 120 @8045 has 11 MA's), (179, 8132), (250, 8261), (262, 8285), (300, 8348), (381, 8492), (408, 8543), (411, 8546), (469, 8657), (479, 8681), (480, 8684), (510, 8747), (513, 8756), (518, 8771), (580, 8888), (584, 8903), (605, 8963), (638, 9047), (740, 9188), (806, 9275), (812, 9287), (852, 9335), (862, 9350), (901, 9389), (916, 9410), (942, 9449), (979, 9494), (985, 9506), (1168, 9743), (1191, 9770),

Gene: Sassafras_2 Start: 571, Stop: 2208, Start Num: 111
Candidate Starts for Sassafras_2:
(Start: 111 @571 has 202 MA's), (Start: 118 @580 has 1 MA's), (Start: 129 @595 has 79 MA's), (Start: 185 @652 has 2 MA's), (188, 655), (224, 718), (244, 757), (312, 844), (352, 904), (369, 916), (377, 928), (381, 937), (383, 940), (392, 961), (404, 982), (440, 1054), (461, 1093), (502, 1162), (505, 1168), (514, 1198), (515, 1201), (518, 1210), (523, 1225), (534, 1243), (557, 1294), (601, 1387), (604, 1396), (711, 1567), (726, 1579), (800, 1663), (816, 1693), (818, 1696), (820, 1699), (869, 1756), (884, 1771), (889, 1777), (893, 1780), (901, 1795), (908, 1804), (957, 1873), (982, 1903), (988, 1912), (1006, 1945), (1024, 1978), (1069, 2005), (1094, 2038), (1114, 2068), (1127, 2089), (1139, 2113), (1142, 2122), (1145, 2125), (1184, 2182),

Gene: SassyB_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for SassyB_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: SaturnRing_11 Start: 6496, Stop: 8193, Start Num: 95

Candidate Starts for SaturnRing_11:
(Start: 95 @6496 has 435 MA's), (Start: 122 @6520 has 1 MA's), (152, 6568), (311, 6766), (339, 6829), (403, 6940), (411, 6952), (432, 6991), (438, 7003), (469, 7060), (479, 7084), (510, 7150), (513, 7159), (550, 7240), (565, 7267), (620, 7405), (661, 7492), (685, 7525), (740, 7591), (800, 7666), (812, 7690), (813, 7693), (817, 7699), (825, 7708), (852, 7741), (862, 7756), (916, 7816), (985, 7912), (1010, 7957), (1014, 7966), (1145, 8119), (1168, 8149), (1193, 8179), (1196, 8182),

Gene: Savage2526_5 Start: 3127, Stop: 4692, Start Num: 129
Candidate Starts for Savage2526_5:
(Start: 129 @3127 has 79 MA's), (Start: 268 @3337 has 4 MA's), (Start: 272 @3340 has 48 MA's), (313, 3391), (342, 3457), (364, 3481), (485, 3697), (496, 3712), (500, 3718), (521, 3778), (554, 3850), (625, 3937), (637, 3967), (642, 3982), (692, 4063), (764, 4141), (768, 4150), (787, 4186), (804, 4225), (834, 4258), (838, 4267), (861, 4294), (912, 4348), (939, 4390), (1001, 4435), (1008, 4456), (1022, 4480), (1095, 4558), (1192, 4678),

Gene: Scamander_3 Start: 1086, Stop: 2546, Start Num: 149
Candidate Starts for Scamander_3:
(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (642, 1881), (649, 1896), (674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: Scamp_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Scamp_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Scap1_7 Start: 2655, Stop: 4397, Start Num: 187
Candidate Starts for Scap1_7:
(Start: 187 @2655 has 203 MA's), (195, 2661), (229, 2709), (254, 2754), (353, 2940), (395, 3021), (413, 3051), (444, 3129), (454, 3150), (492, 3219), (530, 3321), (545, 3357), (582, 3447), (604, 3507), (644, 3606), (647, 3612), (726, 3735), (771, 3804), (876, 3945), (922, 4005), (929, 4014), (931, 4017), (962, 4068), (1012, 4155), (1060, 4224), (1069, 4242), (1071, 4245), (1080, 4257), (1094, 4275), (1133, 4338), (1136, 4347), (1139, 4350),

Gene: Schaffner_2 Start: 545, Stop: 2242, Start Num: 95
Candidate Starts for Schaffner_2:
(13, 242), (Start: 95 @545 has 435 MA's), (Start: 191 @632 has 2 MA's), (379, 917), (411, 974), (432, 1016), (482, 1112), (513, 1166), (570, 1286), (604, 1376), (635, 1415), (800, 1661), (869, 1772), (929, 1841), (985, 1916), (997, 1931), (1081, 2057), (1136, 2141), (1150, 2165),

Gene: Scherzo_13 Start: 8163, Stop: 9929, Start Num: 120
Candidate Starts for Scherzo_13:
(Start: 96 @8142 has 243 MA's), (Start: 114 @8157 has 11 MA's), (Start: 120 @8163 has 11 MA's), (200, 8274), (250, 8373), (339, 8535), (381, 8607), (411, 8661), (432, 8700), (469, 8772), (510, 8862), (518, 8886), (580, 9003), (584, 9018), (622, 9126), (659, 9201), (685, 9237), (717, 9297), (806, 9417), (817, 9438), (852, 9477), (901, 9531), (904, 9534), (916, 9552), (954, 9606), (979, 9636), (985, 9648), (1070, 9738), (1083, 9756), (1168, 9885), (1191, 9912), (1193, 9915),

Gene: Schism_6 Start: 1957, Stop: 3657, Start Num: 163

Candidate Starts for Schism_6:
(124, 1900), (Start: 146 @1936 has 40 MA's), (Start: 163 @1957 has 23 MA's), (233, 2080), (Start: 246 @2101 has 12 MA's), (278, 2149), (315, 2194), (333, 2239), (342, 2257), (345, 2260), (347, 2263), (464, 2440), (521, 2554), (548, 2614), (559, 2635), (582, 2701), (642, 2866), (692, 2932), (699, 2947), (796, 3118), (834, 3166), (838, 3175), (869, 3217), (907, 3250), (932, 3289), (983, 3331), (1008, 3373), (1054, 3421), (1072, 3448), (1075, 3451), (1078, 3457), (1095, 3478), (1125, 3520), (1215, 3646),

Gene: Schmidt_5 Start: 1915, Stop: 3552, Start Num: 113
Candidate Starts for Schmidt_5:
(Start: 99 @1897 has 9 MA's), (Start: 113 @1915 has 1 MA's), (179, 1987), (Start: 186 @1999 has 2 MA's), (Start: 246 @2089 has 12 MA's), (252, 2098), (315, 2182), (316, 2185), (317, 2188), (338, 2236), (364, 2269), (464, 2428), (496, 2476), (500, 2482), (534, 2566), (535, 2569), (536, 2572), (547, 2599), (548, 2602), (649, 2761), (681, 2809), (688, 2824), (694, 2839), (736, 2893), (772, 2941), (784, 2965), (803, 3007), (832, 3040), (837, 3049), (861, 3079), (886, 3109), (907, 3127), (912, 3133), (932, 3166), (955, 3199), (1014, 3304), (1044, 3331), (1046, 3337), (1101, 3412), (1147, 3475), (1186, 3523), (1206, 3544),

Gene: Schwartz33_17 Start: 10077, Stop: 11822, Start Num: 187
Candidate Starts for Schwartz33_17:
(Start: 187 @10077 has 203 MA's), (195, 10083), (254, 10176), (274, 10212), (302, 10266), (345, 10350), (444, 10551), (454, 10572), (492, 10641), (530, 10743), (555, 10800), (582, 10869), (604, 10929), (644, 11028), (647, 11034), (682, 11091), (726, 11157), (807, 11295), (868, 11352), (899, 11394), (916, 11418), (929, 11439), (931, 11442), (1071, 11670), (1080, 11682), (1136, 11772), (1139, 11775),

Gene: ScienceWizSam_8 Start: 3549, Stop: 5288, Start Num: 187
Candidate Starts for ScienceWizSam_8:
(Start: 187 @3549 has 203 MA's), (254, 3648), (376, 3867), (395, 3909), (413, 3939), (427, 3969), (444, 4017), (454, 4038), (506, 4140), (530, 4209), (539, 4233), (604, 4395), (634, 4470), (644, 4494), (726, 4623), (778, 4704), (868, 4818), (876, 4836), (879, 4842), (929, 4905), (931, 4908), (1055, 5097), (1059, 5112), (1061, 5118), (1071, 5136), (1080, 5148), (1136, 5238), (1139, 5241),

Gene: Scorpia_10 Start: 5985, Stop: 7736, Start Num: 63
Candidate Starts for Scorpia_10:
(Start: 52 @5958 has 23 MA's), (Start: 63 @5985 has 32 MA's), (Start: 105 @6045 has 1 MA's), (112, 6054), (139, 6093), (200, 6174), (300, 6306), (339, 6381), (341, 6384), (439, 6558), (510, 6690), (526, 6735), (565, 6813), (570, 6819), (632, 6984), (647, 7017), (661, 7038), (800, 7212), (812, 7236), (901, 7338), (916, 7359), (954, 7413), (979, 7443), (985, 7455), (1014, 7509), (1167, 7689), (1168, 7692), (1196, 7725), (1202, 7731),

Gene: Scotia_4 Start: 2180, Stop: 3946, Start Num: 194
Candidate Starts for Scotia_4:
(Start: 194 @2180 has 4 MA's), (259, 2303), (261, 2306), (301, 2381), (318, 2408), (336, 2450), (383, 2519), (401, 2552), (406, 2564), (456, 2660), (526, 2807), (595, 2942), (597, 2948), (626, 3029), (641, 3056), (642, 3059), (826, 3374), (841, 3404), (899, 3482), (1011, 3677), (1017, 3689), (1066, 3764), (1073, 3773), (1086, 3791), (1202, 3935),

Gene: Scottish_2 Start: 571, Stop: 2208, Start Num: 111
Candidate Starts for Scottish_2:
(Start: 111 @571 has 202 MA's), (Start: 118 @580 has 1 MA's), (Start: 129 @595 has 79 MA's), (Start: 185 @652 has 2 MA's), (188, 655), (224, 718), (244, 757), (312, 844), (352, 904), (369, 916), (377, 928), (381, 937), (383, 940), (392, 961), (404, 982), (440, 1054), (461, 1093), (502, 1162), (505, 1168), (514, 1198), (515, 1201), (518, 1210), (523, 1225), (534, 1243), (557, 1294), (601, 1387), (604, 1396),

(711, 1567), (726, 1579), (800, 1663), (816, 1693), (818, 1696), (820, 1699), (869, 1756), (884, 1771), (889, 1777), (893, 1780), (901, 1795), (908, 1804), (957, 1873), (982, 1903), (988, 1912), (1006, 1945), (1024, 1978), (1069, 2005), (1094, 2038), (1114, 2068), (1127, 2089), (1139, 2113), (1142, 2122), (1145, 2125), (1184, 2182),

Gene: Scout_11 Start: 5791, Stop: 7488, Start Num: 95
Candidate Starts for Scout_11:
(Start: 95 @5791 has 435 MA's), (152, 5863), (311, 6061), (403, 6235), (411, 6247), (432, 6286), (438, 6298), (469, 6355), (479, 6379), (510, 6445), (513, 6454), (550, 6535), (620, 6700), (647, 6766), (661, 6787), (678, 6811), (685, 6820), (740, 6886), (800, 6961), (812, 6985), (813, 6988), (817, 6994), (825, 7003), (862, 7051), (901, 7090), (916, 7111), (985, 7207), (1010, 7252), (1014, 7261), (1145, 7414), (1168, 7444), (1193, 7474), (1196, 7477),

Gene: Scowl_12 Start: 7525, Stop: 9213, Start Num: 95
Candidate Starts for Scowl_12:
(Start: 95 @7525 has 435 MA's), (311, 7789), (323, 7813), (411, 7975), (430, 8008), (469, 8083), (510, 8173), (518, 8197), (534, 8224), (553, 8272), (591, 8341), (620, 8428), (644, 8488), (813, 8713), (819, 8722), (832, 8734), (862, 8776), (882, 8797), (908, 8824), (985, 8932), (1070, 9022), (1139, 9127),

Gene: Scrunchy_3 Start: 1086, Stop: 2546, Start Num: 149
Candidate Starts for Scrunchy_3:
(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (642, 1881), (649, 1896), (674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: Scuba_33 Start: 13019, Stop: 14698, Start Num: 109
Candidate Starts for Scuba_33:
(Start: 109 @13019 has 4 MA's), (112, 13025), (200, 13130), (222, 13172), (251, 13229), (299, 13298), (303, 13307), (349, 13379), (381, 13418), (415, 13478), (514, 13679), (534, 13724), (604, 13874), (608, 13886), (818, 14180), (839, 14213), (893, 14294), (988, 14417), (996, 14429), (1063, 14492), (1112, 14561), (1139, 14603), (1157, 14633), (1186, 14675), (1200, 14690),

Gene: Scuttle_5 Start: 3343, Stop: 4698, Start Num: 268
Candidate Starts for Scuttle_5:
(Start: 129 @3133 has 79 MA's), (Start: 268 @3343 has 4 MA's), (313, 3397), (338, 3454), (342, 3463), (364, 3487), (485, 3703), (496, 3718), (500, 3724), (521, 3784), (548, 3844), (625, 3943), (637, 3973), (642, 3988), (692, 4069), (764, 4147), (768, 4156), (787, 4192), (804, 4231), (834, 4264), (838, 4273), (861, 4300), (912, 4354), (939, 4396), (1001, 4441), (1008, 4462), (1022, 4486), (1095, 4564), (1192, 4684),

Gene: SeaLumen_2 Start: 652, Stop: 2208, Start Num: 185
Candidate Starts for SeaLumen_2:
(Start: 111 @571 has 202 MA's), (Start: 118 @580 has 1 MA's), (Start: 129 @595 has 79 MA's), (Start: 158 @628 has 2 MA's), (Start: 185 @652 has 2 MA's), (188, 655), (224, 718), (244, 757), (312, 844), (352, 904), (377, 928), (381, 937), (383, 940), (392, 961), (404, 982), (415, 997), (440, 1054), (461, 1093), (502, 1162), (505, 1168), (514, 1198), (515, 1201), (518, 1210), (523, 1225), (534, 1243), (557, 1294), (601, 1387), (604, 1396), (711, 1567), (726, 1579), (800, 1663), (816, 1693), (818, 1696), (820, 1699), (869, 1756), (884, 1771), (889, 1777), (893, 1780), (901, 1795), (908, 1804), (957, 1873), (982, 1903), (988, 1912), (1006, 1945), (1014, 1963), (1024, 1978), (1069, 2005), (1094, 2038), (1112, 2065), (1114, 2068), (1127, 2089), (1139, 2113), (1142, 2122), (1145, 2125), (1184, 2182),

Gene: SeaWolves_3 Start: 1074, Stop: 2534, Start Num: 149

Candidate Starts for SeaWolves_3:
(Start: 149 @1074 has 162 MA's), (Start: 154 @1080 has 4 MA's), (Start: 272 @1242 has 48 MA's), (278, 1251), (315, 1311), (348, 1380), (366, 1401), (394, 1452), (520, 1656), (642, 1869), (649, 1884), (674, 1920), (703, 1962), (739, 1995), (765, 2013), (834, 2133), (835, 2136), (848, 2148), (905, 2223), (944, 2286), (958, 2304), (960, 2307), (1098, 2469), (1104, 2478), (1110, 2487), (1135, 2526),

Gene: Seabastian_2 Start: 605, Stop: 2218, Start Num: 129
Candidate Starts for Seabastian_2:
(Start: 103 @578 has 1 MA's), (Start: 111 @581 has 202 MA's), (Start: 129 @605 has 79 MA's), (Start: 158 @638 has 2 MA's), (Start: 185 @662 has 2 MA's), (188, 665), (224, 728), (244, 767), (312, 854), (315, 860), (352, 914), (377, 938), (381, 947), (383, 950), (392, 971), (404, 992), (440, 1064), (461, 1103), (502, 1172), (505, 1178), (514, 1208), (515, 1211), (518, 1220), (523, 1235), (534, 1253), (557, 1304), (601, 1397), (604, 1406), (711, 1577), (726, 1589), (800, 1673), (816, 1703), (818, 1706), (820, 1709), (869, 1766), (884, 1781), (889, 1787), (893, 1790), (901, 1805), (908, 1814), (957, 1883), (982, 1913), (988, 1922), (1006, 1955), (1024, 1988), (1069, 2015), (1094, 2048), (1107, 2069), (1112, 2075), (1114, 2078), (1127, 2099), (1139, 2123), (1142, 2132), (1145, 2135), (1184, 2192),

Gene: Seabiscuit_13 Start: 7054, Stop: 8742, Start Num: 95
Candidate Starts for Seabiscuit_13:
(Start: 95 @7054 has 435 MA's), (311, 7318), (323, 7342), (394, 7477), (411, 7504), (430, 7537), (469, 7612), (510, 7702), (518, 7726), (534, 7753), (553, 7801), (591, 7870), (620, 7957), (622, 7966), (644, 8017), (819, 8251), (832, 8263), (862, 8305), (882, 8326), (908, 8353), (985, 8461), (1070, 8551), (1139, 8656),

Gene: Seanderson_12 Start: 7498, Stop: 9186, Start Num: 95
Candidate Starts for Seanderson_12:
(Start: 95 @7498 has 435 MA's), (Start: 258 @7678 has 2 MA's), (311, 7762), (327, 7798), (339, 7825), (411, 7948), (469, 8056), (510, 8146), (518, 8170), (534, 8197), (553, 8245), (591, 8314), (615, 8389), (620, 8401), (644, 8461), (813, 8686), (819, 8695), (832, 8707), (862, 8749), (882, 8770), (908, 8797), (985, 8905), (1070, 8995), (1139, 9100),

Gene: Sebastisaurus_2 Start: 597, Stop: 2150, Start Num: 276
Candidate Starts for Sebastisaurus_2:
(Start: 276 @597 has 4 MA's), (318, 669), (405, 816), (411, 825), (435, 873), (439, 885), (475, 954), (487, 978), (504, 1008), (507, 1017), (528, 1062), (539, 1092), (550, 1113), (570, 1146), (590, 1191), (598, 1203), (620, 1266), (638, 1296), (683, 1356), (797, 1551), (799, 1554), (835, 1623), (869, 1674), (872, 1680), (880, 1689), (899, 1713), (913, 1731), (974, 1833), (975, 1836), (984, 1854), (1003, 1881), (1028, 1929), (1088, 2010), (1117, 2034), (1118, 2037), (1168, 2112), (1188, 2133),

Gene: Secretariat_13 Start: 7676, Stop: 9421, Start Num: 187
Candidate Starts for Secretariat_13:
(75, 7514), (Start: 187 @7676 has 203 MA's), (195, 7682), (254, 7775), (274, 7811), (302, 7865), (323, 7898), (376, 8000), (444, 8150), (454, 8171), (492, 8240), (530, 8342), (555, 8399), (582, 8468), (604, 8528), (644, 8627), (647, 8633), (682, 8690), (726, 8756), (847, 8915), (863, 8942), (868, 8951), (871, 8957), (899, 8993), (916, 9017), (929, 9038), (931, 9041), (962, 9092), (1071, 9269), (1080, 9281), (1136, 9371), (1139, 9374),

Gene: SemperFi_14 Start: 7814, Stop: 9601, Start Num: 96
Candidate Starts for SemperFi_14:
(Start: 96 @7814 has 243 MA's), (179, 7922), (193, 7943), (250, 8051), (339, 8213), (408, 8333), (411, 8336), (469, 8444), (510, 8534), (518, 8558), (580, 8675), (584, 8690), (733, 8990), (869, 9176), (901, 9203), (916, 9224), (985, 9320), (1168, 9557), (1191, 9584), (1193, 9587),

Gene: SendItCS_7 Start: 3414, Stop: 5153, Start Num: 187
Candidate Starts for SendItCS_7:
(Start: 184 @3411 has 4 MA's), (Start: 187 @3414 has 203 MA's), (195, 3420), (229, 3468), (231, 3471), (252, 3507), (254, 3513), (327, 3651), (345, 3687), (353, 3699), (444, 3882), (454, 3903), (503, 3996), (506, 4005), (522, 4056), (530, 4074), (644, 4359), (726, 4488), (771, 4557), (847, 4647), (863, 4674), (876, 4701), (929, 4770), (931, 4773), (957, 4815), (962, 4824), (1051, 4953), (1060, 4980), (1071, 5001), (1080, 5013), (1094, 5031), (1136, 5103), (1139, 5106), (1145, 5118),

Gene: SenorClean_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for SenorClean_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Sephiroth_13 Start: 5118, Stop: 6593, Start Num: 176
Candidate Starts for Sephiroth_13:
(Start: 176 @5118 has 8 MA's), (281, 5265), (313, 5304), (319, 5316), (390, 5439), (392, 5445), (439, 5526), (464, 5580), (466, 5583), (500, 5640), (516, 5682), (520, 5694), (532, 5718), (540, 5742), (572, 5784), (699, 5964), (738, 6006), (788, 6087), (804, 6132), (822, 6156), (861, 6201), (912, 6261), (964, 6324), (968, 6330), (1013, 6402), (1024, 6420), (1049, 6438), (1134, 6537), (1146, 6555), (1173, 6585),

Gene: Serenabean_12 Start: 7437, Stop: 9197, Start Num: 189
Candidate Starts for Serenabean_12:
(Start: 184 @7431 has 4 MA's), (Start: 189 @7437 has 2 MA's), (254, 7533), (382, 7773), (399, 7809), (413, 7833), (429, 7866), (444, 7911), (454, 7932), (503, 8025), (508, 8040), (522, 8085), (530, 8103), (545, 8139), (582, 8229), (604, 8289), (644, 8388), (685, 8460), (726, 8517), (771, 8601), (778, 8613), (876, 8745), (914, 8790), (929, 8814), (931, 8817), (992, 8910), (1018, 8967), (1071, 9045), (1080, 9057), (1114, 9105), (1139, 9150),

Gene: Serenity_11 Start: 6379, Stop: 8160, Start Num: 96
Candidate Starts for Serenity_11:
(Start: 96 @6379 has 243 MA's), (Start: 207 @6523 has 2 MA's), (227, 6568), (250, 6610), (262, 6634), (300, 6697), (329, 6751), (408, 6892), (411, 6895), (432, 6934), (469, 7003), (510, 7093), (518, 7117), (583, 7246), (584, 7249), (716, 7522), (901, 7762), (916, 7783), (979, 7867), (985, 7879), (1168, 8116), (1191, 8143), (1193, 8146), (1196, 8149),

Gene: Sergei_2 Start: 428, Stop: 1993, Start Num: 129
Candidate Starts for Sergei_2:
(Start: 129 @428 has 79 MA's), (Start: 245 @599 has 2 MA's), (313, 692), (317, 701), (330, 734), (338, 749), (342, 758), (364, 782), (394, 836), (455, 947), (496, 1013), (500, 1019), (521, 1079), (548, 1139), (564, 1169), (637, 1268), (764, 1442), (768, 1451), (787, 1487), (789, 1493), (806, 1529), (837, 1565), (862, 1598), (897, 1637), (907, 1643), (1024, 1784), (1095, 1859), (1151, 1940), (1192, 1979),

Gene: SerialPhiller_2 Start: 412, Stop: 1926, Start Num: 132
Candidate Starts for SerialPhiller_2:
(Start: 93 @361 has 92 MA's), (Start: 132 @412 has 2 MA's), (Start: 138 @424 has 4 MA's), (157, 448), (175, 472), (255, 583), (274, 610), (319, 673), (330, 703), (334, 712), (345, 730), (422, 841), (437, 874), (488, 955), (513, 1003), (551, 1084), (642, 1219), (657, 1246), (694, 1297), (722, 1330), (861, 1513), (940, 1606), (967, 1645), (970, 1651), (980, 1660), (1005, 1699), (1081, 1783), (1095, 1798), (1134, 1858), (1153, 1888),

Gene: Seume_4 Start: 596, Stop: 2086, Start Num: 146
Candidate Starts for Seume_4:
(Start: 146 @596 has 40 MA's), (181, 641), (255, 743), (267, 761), (274, 770), (313, 821), (315, 824), (319, 833), (330, 863), (345, 890), (415, 989), (474, 1088), (486, 1112), (488, 1115), (491, 1118), (513, 1163), (593, 1313), (650, 1397), (692, 1445), (694, 1457), (728, 1496), (748, 1514), (768, 1526), (770, 1529), (781, 1550), (785, 1556), (789, 1568), (838, 1646), (874, 1700), (930, 1754), (940, 1766), (1005, 1859), (1081, 1943), (1125, 2000), (1175, 2069),

Gene: Severus_10 Start: 4781, Stop: 6472, Start Num: 95
Candidate Starts for Severus_10:
(Start: 95 @4781 has 435 MA's), (Start: 122 @4805 has 1 MA's), (Start: 207 @4928 has 2 MA's), (Start: 271 @4997 has 3 MA's), (300, 5048), (311, 5060), (329, 5102), (339, 5123), (386, 5201), (411, 5246), (432, 5285), (458, 5333), (469, 5354), (479, 5378), (510, 5429), (570, 5552), (626, 5699), (650, 5759), (685, 5804), (798, 5942), (800, 5945), (835, 5999), (862, 6035), (901, 6074), (916, 6095), (985, 6191), (1024, 6260), (1168, 6428), (1193, 6458), (1196, 6461),

Gene: ShaggyRogers_17 Start: 10300, Stop: 12045, Start Num: 187
Candidate Starts for ShaggyRogers_17:
(Start: 187 @10300 has 203 MA's), (195, 10306), (252, 10393), (254, 10399), (274, 10435), (302, 10489), (333, 10552), (395, 10666), (420, 10711), (444, 10774), (454, 10795), (492, 10864), (530, 10966), (578, 11080), (582, 11092), (604, 11152), (644, 11251), (647, 11257), (682, 11314), (726, 11380), (868, 11575), (899, 11617), (916, 11641), (929, 11662), (931, 11665), (1071, 11893), (1080, 11905), (1136, 11995), (1139, 11998),

Gene: Shaka_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Shaka_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: ShakeItOph_2 Start: 550, Stop: 2277, Start Num: 93
Candidate Starts for ShakeItOph_2:
(59, 490), (Start: 93 @550 has 92 MA's), (Start: 191 @661 has 2 MA's), (367, 925), (373, 934), (400, 985), (411, 1003), (436, 1051), (482, 1144), (813, 1720), (929, 1873), (985, 1948), (997, 1963), (1081, 2092), (1150, 2200), (1201, 2263),

Gene: Sham4_12 Start: 8027, Stop: 9790, Start Num: 96
Candidate Starts for Sham4_12:
(Start: 96 @8027 has 243 MA's), (Start: 120 @8048 has 11 MA's), (179, 8135), (250, 8264), (262, 8288), (300, 8351), (381, 8495), (408, 8546), (411, 8549), (469, 8660), (479, 8684), (480, 8687), (510, 8750), (513, 8759), (518, 8774), (580, 8891), (584, 8906), (605, 8966), (638, 9050), (806, 9278), (812, 9290), (852, 9338), (862, 9353), (901, 9392), (916, 9413), (942, 9452), (979, 9497), (985, 9509), (1168, 9746), (1191, 9773),

Gene: Shambre1_3 Start: 1934, Stop: 3703, Start Num: 194
Candidate Starts for Shambre1_3:
(Start: 99 @1796 has 9 MA's), (Start: 149 @1868 has 162 MA's), (Start: 194 @1934 has 4 MA's), (259, 2054), (261, 2057), (Start: 280 @2087 has 2 MA's), (287, 2096), (296, 2120), (320, 2162), (344, 2216), (383, 2270), (414, 2327), (476, 2450), (484, 2468), (506, 2504), (596, 2696), (616, 2759), (641, 2807), (677, 2855), (691, 2882), (786, 3053), (793, 3065), (994, 3398), (999, 3404), (1001, 3407), (1011,

3434), (1017, 3446), (1066, 3521), (1073, 3530), (1076, 3533), (1082, 3542),

Gene: Shapes_14 Start: 6755, Stop: 8446, Start Num: 95
Candidate Starts for Shapes_14:
(Start: 95 @6755 has 435 MA's), (Start: 122 @6779 has 1 MA's), (Start: 207 @6902 has 2 MA's), (267, 6968), (300, 7022), (311, 7034), (330, 7079), (362, 7133), (378, 7160), (386, 7175), (411, 7220), (432, 7259), (458, 7307), (469, 7328), (479, 7352), (510, 7403), (570, 7526), (626, 7673), (650, 7733), (685, 7778), (740, 7844), (800, 7919), (812, 7943), (862, 8009), (916, 8069), (985, 8165), (1014, 8219), (1168, 8402), (1193, 8432), (1196, 8435),

Gene: Sharkboy_3 Start: 943, Stop: 2562, Start Num: 171
Candidate Starts for Sharkboy_3:
(4, 409), (Start: 169 @937 has 6 MA's), (Start: 171 @943 has 84 MA's), (278, 1099), (333, 1189), (342, 1207), (360, 1222), (398, 1291), (415, 1315), (425, 1333), (464, 1390), (498, 1441), (500, 1444), (521, 1504), (532, 1525), (542, 1552), (558, 1582), (753, 1921), (837, 2044), (1064, 2359), (1095, 2398), (1187, 2515),

Gene: Shauna1_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Shauna1_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Shawty_2 Start: 588, Stop: 2165, Start Num: 271
Candidate Starts for Shawty_2:
(Start: 271 @588 has 3 MA's), (379, 771), (381, 774), (411, 825), (414, 831), (435, 873), (439, 885), (475, 954), (487, 978), (489, 981), (504, 1008), (513, 1029), (528, 1062), (547, 1107), (570, 1146), (590, 1191), (596, 1197), (683, 1356), (744, 1467), (769, 1512), (797, 1557), (799, 1560), (869, 1680), (872, 1686), (974, 1839), (1088, 2016), (1118, 2043), (1163, 2115), (1199, 2160),

Gene: ShayRa_15 Start: 6808, Stop: 8505, Start Num: 96
Candidate Starts for ShayRa_15:
(Start: 96 @6808 has 243 MA's), (Start: 118 @6826 has 1 MA's), (253, 6988), (381, 7213), (411, 7267), (469, 7375), (480, 7402), (510, 7465), (518, 7489), (812, 8005), (862, 8068), (904, 8110), (985, 8224), (1081, 8329), (1168, 8461), (1191, 8488), (1193, 8491), (1196, 8494),

Gene: Shayna_2 Start: 648, Stop: 2282, Start Num: 171
Candidate Starts for Shayna_2:
(Start: 171 @648 has 84 MA's), (233, 738), (252, 765), (342, 912), (398, 996), (426, 1041), (457, 1086), (464, 1095), (521, 1209), (542, 1257), (558, 1287), (567, 1302), (599, 1383), (780, 1671), (1095, 2115), (1129, 2163), (1215, 2271),

Gene: SheRa_7 Start: 2653, Stop: 4398, Start Num: 187
Candidate Starts for SheRa_7:
(Start: 187 @2653 has 203 MA's), (195, 2659), (229, 2707), (252, 2746), (254, 2752), (413, 3049), (444, 3127), (451, 3145), (454, 3148), (492, 3217), (506, 3250), (530, 3319), (539, 3343), (573, 3412), (604, 3505), (647, 3610), (726, 3733), (771, 3805), (876, 3946), (929, 4015), (931, 4018), (1012, 4156),

(1060, 4225), (1071, 4246), (1074, 4249), (1080, 4258), (1094, 4276), (1114, 4306), (1136, 4348), (1139, 4351),

Gene: SheaKeira_12 Start: 6325, Stop: 8097, Start Num: 114
Candidate Starts for SheaKeira_12:
(Start: 96 @6310 has 243 MA's), (Start: 114 @6325 has 11 MA's), (Start: 120 @6331 has 11 MA's), (200, 6442), (250, 6541), (339, 6703), (381, 6775), (411, 6829), (432, 6868), (469, 6940), (505, 7012), (510, 7030), (518, 7054), (580, 7171), (584, 7186), (622, 7294), (659, 7369), (717, 7465), (746, 7501), (817, 7606), (852, 7645), (869, 7672), (901, 7699), (904, 7702), (916, 7720), (954, 7774), (979, 7804), (985, 7816), (1070, 7906), (1083, 7924), (1168, 8053), (1191, 8080), (1193, 8083),

Gene: SheckWes_3 Start: 948, Stop: 2573, Start Num: 191
Candidate Starts for SheckWes_3:
(Start: 143 @897 has 83 MA's), (Start: 191 @948 has 2 MA's), (205, 969), (254, 1014), (373, 1221), (386, 1254), (405, 1290), (411, 1299), (413, 1302), (430, 1335), (434, 1350), (482, 1449), (497, 1470), (514, 1506), (521, 1527), (540, 1563), (574, 1629), (598, 1683), (678, 1863), (697, 1896), (776, 1962), (803, 2028), (806, 2034), (929, 2199), (954, 2232), (1003, 2301), (1081, 2379), (1083, 2382), (1141, 2472), (1145, 2478), (1165, 2499), (1213, 2559), (1214, 2562),

Gene: Sheen_13 Start: 8359, Stop: 10059, Start Num: 95
Candidate Starts for Sheen_13:
(Start: 95 @8359 has 435 MA's), (145, 8422), (Start: 271 @8566 has 3 MA's), (293, 8596), (311, 8629), (339, 8692), (411, 8815), (420, 8830), (469, 8923), (479, 8947), (510, 9013), (584, 9169), (620, 9268), (661, 9355), (685, 9388), (732, 9442), (743, 9457), (798, 9526), (800, 9529), (812, 9553), (869, 9631), (985, 9775), (1010, 9820), (1083, 9883), (1145, 9982), (1168, 10012), (1193, 10045),

Gene: SheldonCooper_11 Start: 6862, Stop: 8559, Start Num: 95
Candidate Starts for SheldonCooper_11:
(Start: 95 @6862 has 435 MA's), (Start: 122 @6886 has 1 MA's), (Start: 207 @7009 has 2 MA's), (293, 7099), (311, 7132), (408, 7315), (411, 7318), (432, 7357), (469, 7426), (479, 7450), (510, 7516), (550, 7606), (620, 7771), (661, 7858), (685, 7891), (740, 7957), (798, 8029), (800, 8032), (812, 8056), (852, 8107), (862, 8122), (901, 8161), (916, 8182), (985, 8278), (1168, 8515), (1193, 8545), (1196, 8548),

Gene: Shen_4 Start: 958, Stop: 2538, Start Num: 182
Candidate Starts for Shen_4:
(Start: 134 @892 has 16 MA's), (Start: 182 @958 has 15 MA's), (Start: 246 @1054 has 12 MA's), (252, 1063), (255, 1072), (297, 1117), (313, 1144), (319, 1156), (334, 1195), (342, 1210), (364, 1234), (378, 1255), (505, 1456), (521, 1507), (548, 1567), (559, 1588), (581, 1648), (593, 1678), (599, 1687), (628, 1750), (787, 1978), (804, 2017), (829, 2044), (838, 2059), (862, 2089), (903, 2128), (956, 2206), (982, 2236), (1002, 2263), (1125, 2446), (1129, 2452), (1144, 2473), (1190, 2527),

Gene: Sheng711_4 Start: 771, Stop: 2333, Start Num: 93
Candidate Starts for Sheng711_4:
(Start: 93 @771 has 92 MA's), (Start: 99 @777 has 9 MA's), (228, 927), (Start: 268 @993 has 4 MA's), (302, 1023), (313, 1047), (321, 1062), (338, 1104), (422, 1230), (498, 1368), (509, 1389), (516, 1413), (558, 1488), (591, 1536), (643, 1614), (653, 1635), (671, 1659), (676, 1665), (694, 1695), (699, 1701), (729, 1737), (790, 1827), (862, 1932), (867, 1941), (889, 1965), (912, 1986), (962, 2052), (1024, 2154), (1140, 2274), (1143, 2280), (1158, 2301), (1181, 2325),

Gene: Shep_11 Start: 5746, Stop: 7443, Start Num: 95
Candidate Starts for Shep_11:
(Start: 95 @5746 has 435 MA's), (152, 5818), (311, 6016), (403, 6190), (411, 6202), (432, 6241), (438, 6253), (469, 6310), (479, 6334), (510, 6400), (513, 6409), (550, 6490), (620, 6655), (647, 6721), (661,

6742), (678, 6766), (685, 6775), (740, 6841), (800, 6916), (812, 6940), (813, 6943), (817, 6949), (825, 6958), (862, 7006), (901, 7045), (916, 7066), (985, 7162), (1010, 7207), (1014, 7216), (1145, 7369), (1168, 7399), (1193, 7429), (1196, 7432),

Gene: Shepard_7 Start: 3531, Stop: 5270, Start Num: 187
Candidate Starts for Shepard_7:
(Start: 183 @3525 has 2 MA's), (Start: 187 @3531 has 203 MA's), (254, 3630), (322, 3750), (376, 3849), (413, 3921), (444, 3999), (454, 4020), (506, 4122), (530, 4191), (539, 4215), (543, 4224), (604, 4377), (634, 4452), (644, 4476), (704, 4581), (726, 4605), (778, 4686), (868, 4800), (876, 4818), (879, 4824), (916, 4866), (929, 4887), (931, 4890), (1051, 5070), (1059, 5094), (1071, 5118), (1080, 5130), (1094, 5148), (1136, 5220), (1139, 5223),

Gene: ShiLan_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for ShiLan_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (Start: 158 @629 has 2 MA's), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (244, 758), (312, 845), (352, 905), (369, 917), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (601, 1388), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (934, 1844), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1024, 1979), (1069, 2006), (1094, 2039), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: Shiba_8 Start: 3618, Stop: 5366, Start Num: 187
Candidate Starts for Shiba_8:
(Start: 174 @3600 has 5 MA's), (Start: 187 @3618 has 203 MA's), (252, 3711), (254, 3717), (292, 3774), (322, 3837), (413, 4014), (444, 4092), (454, 4113), (506, 4215), (530, 4284), (537, 4299), (555, 4341), (604, 4470), (634, 4545), (644, 4569), (704, 4674), (726, 4698), (778, 4782), (868, 4896), (876, 4914), (929, 4983), (931, 4986), (962, 5037), (992, 5079), (1051, 5166), (1060, 5193), (1071, 5214), (1080, 5226), (1094, 5244), (1139, 5319),

Gene: ShortQueendom_11 Start: 6640, Stop: 8328, Start Num: 95
Candidate Starts for ShortQueendom_11:
(Start: 95 @6640 has 435 MA's), (Start: 258 @6820 has 2 MA's), (311, 6904), (327, 6940), (411, 7090), (469, 7198), (510, 7288), (518, 7312), (553, 7387), (591, 7456), (620, 7543), (644, 7603), (819, 7837), (832, 7849), (862, 7891), (882, 7912), (908, 7939), (985, 8047), (1070, 8137), (1139, 8242),

Gene: ShowerHandel_2 Start: 573, Stop: 2210, Start Num: 111
Candidate Starts for ShowerHandel_2:
(Start: 111 @573 has 202 MA's), (Start: 118 @582 has 1 MA's), (Start: 129 @597 has 79 MA's), (147, 618), (Start: 185 @654 has 2 MA's), (188, 657), (200, 675), (224, 720), (244, 759), (312, 846), (352, 906), (377, 930), (381, 939), (383, 942), (392, 963), (404, 984), (415, 999), (440, 1056), (461, 1095), (502, 1164), (505, 1170), (514, 1200), (515, 1203), (518, 1212), (523, 1227), (534, 1245), (557, 1296), (601, 1389), (604, 1398), (711, 1569), (726, 1581), (800, 1665), (816, 1695), (818, 1698), (820, 1701), (869, 1758), (884, 1773), (889, 1779), (893, 1782), (901, 1797), (908, 1806), (934, 1845), (957, 1875), (982, 1905), (988, 1914), (1006, 1947), (1024, 1980), (1069, 2007), (1094, 2040), (1114, 2070), (1127, 2091), (1139, 2115), (1142, 2124), (1145, 2127), (1184, 2184),

Gene: ShroomBoi_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for ShroomBoi_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977),

(404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Shuman_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Shuman_8:
(Start: 104 @3156 has 36 MA's), (Start: 258 @3342 has 2 MA's), (300, 3414), (311, 3426), (323, 3450), (327, 3462), (411, 3615), (420, 3630), (449, 3690), (510, 3798), (534, 3855), (618, 4053), (623, 4071), (647, 4125), (778, 4269), (800, 4311), (817, 4344), (869, 4413), (985, 4557), (1010, 4602), (1081, 4662), (1142, 4761), (1168, 4794), (1191, 4821), (1193, 4824), (1196, 4827),

Gene: Shygu2_11 Start: 6887, Stop: 8584, Start Num: 95
Candidate Starts for Shygu2_11:
(Start: 95 @6887 has 435 MA's), (Start: 122 @6911 has 1 MA's), (311, 7157), (408, 7340), (411, 7343), (432, 7382), (469, 7451), (479, 7475), (510, 7541), (550, 7631), (620, 7796), (661, 7883), (685, 7916), (775, 8009), (800, 8057), (812, 8081), (862, 8147), (901, 8186), (916, 8207), (985, 8303), (1167, 8537), (1168, 8540), (1193, 8570), (1196, 8573),

Gene: SiSi_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for SiSi_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (147, 617), (Start: 185 @653 has 2 MA's), (188, 656), (200, 674), (224, 719), (244, 758), (312, 845), (352, 905), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (415, 998), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (601, 1388), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1024, 1979), (1069, 2006), (1094, 2039), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: Sibs6_13 Start: 7273, Stop: 8961, Start Num: 107
Candidate Starts for Sibs6_13:
(Start: 107 @7273 has 24 MA's), (253, 7444), (Start: 258 @7453 has 2 MA's), (311, 7537), (324, 7564), (327, 7573), (411, 7723), (430, 7756), (469, 7831), (510, 7921), (518, 7945), (534, 7972), (553, 8020), (620, 8176), (644, 8236), (813, 8461), (819, 8470), (832, 8482), (862, 8524), (882, 8545), (908, 8572), (985, 8680), (1070, 8770), (1139, 8875),

Gene: Silverleaf_4 Start: 1052, Stop: 2635, Start Num: 93
Candidate Starts for Silverleaf_4:
(Start: 93 @1052 has 92 MA's), (Start: 99 @1058 has 9 MA's), (238, 1229), (304, 1316), (313, 1334), (316, 1340), (330, 1376), (420, 1514), (422, 1517), (464, 1592), (494, 1646), (496, 1649), (498, 1652), (591, 1820), (632, 1874), (637, 1883), (643, 1898), (653, 1919), (685, 1958), (694, 1979), (699, 1985), (722, 2012), (759, 2054), (776, 2078), (786, 2096), (789, 2105), (790, 2111), (804, 2144), (834, 2177), (862, 2216), (865, 2222), (867, 2225), (912, 2270), (962, 2336), (999, 2387), (1005, 2402), (1008, 2411), (1016, 2426), (1018, 2429), (1125, 2531), (1140, 2558), (1181, 2609), (1183, 2612),

Gene: Simpliphy_9 Start: 2465, Stop: 4135, Start Num: 272
Candidate Starts for Simpliphy_9:
(Start: 272 @2465 has 48 MA's), (309, 2528), (435, 2762), (487, 2864), (570, 3044), (576, 3068), (585, 3086), (595, 3098), (616, 3161), (621, 3173), (642, 3218), (649, 3233), (700, 3311), (728, 3356), (759, 3410), (760, 3416), (814, 3530), (910, 3674), (933, 3710), (1014, 3863), (1022, 3875), (1065, 3932),

(1091, 3968), (1124, 4019), (1142, 4055), (1145, 4058), (1193, 4124),

Gene: Simpson_2 Start: 533, Stop: 2239, Start Num: 95
Candidate Starts for Simpson_2:
(Start: 95 @533 has 435 MA's), (379, 905), (411, 962), (436, 1010), (482, 1100), (513, 1154), (570, 1274), (604, 1364), (710, 1526), (800, 1649), (985, 1904), (997, 1919), (1024, 1973), (1081, 2054), (1136, 2138), (1150, 2162),

Gene: Sippinontea_3 Start: 1071, Stop: 2531, Start Num: 149
Candidate Starts for Sippinontea_3:
(Start: 149 @1071 has 162 MA's), (Start: 154 @1077 has 4 MA's), (Start: 272 @1239 has 48 MA's), (278, 1248), (315, 1308), (348, 1377), (366, 1398), (394, 1449), (520, 1653), (532, 1677), (592, 1788), (642, 1866), (649, 1881), (674, 1917), (703, 1959), (739, 1992), (765, 2010), (834, 2130), (835, 2133), (848, 2145), (905, 2220), (944, 2283), (958, 2301), (960, 2304), (1098, 2466), (1104, 2475), (1135, 2523),

Gene: SirBeanington_3 Start: 677, Stop: 2305, Start Num: 171
Candidate Starts for SirBeanington_3:
(Start: 171 @677 has 84 MA's), (278, 833), (342, 941), (398, 1025), (415, 1049), (425, 1067), (464, 1124), (498, 1175), (500, 1178), (521, 1238), (531, 1256), (542, 1286), (558, 1316), (829, 1772), (838, 1787), (1095, 2138), (1129, 2186), (1215, 2294),

Gene: SirDuracell_8 Start: 1963, Stop: 3633, Start Num: 269
Candidate Starts for SirDuracell_8:
(Start: 269 @1963 has 11 MA's), (435, 2260), (487, 2362), (570, 2542), (576, 2566), (585, 2584), (595, 2596), (616, 2659), (621, 2671), (642, 2716), (649, 2731), (700, 2809), (728, 2854), (759, 2908), (760, 2914), (814, 3028), (841, 3076), (910, 3172), (933, 3208), (1014, 3361), (1022, 3373), (1065, 3430), (1091, 3466), (1124, 3517), (1142, 3553), (1145, 3556), (1193, 3622),

Gene: Skadoosh_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Skadoosh_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Skelbel_2 Start: 534, Stop: 2240, Start Num: 95
Candidate Starts for Skelbel_2:
(Start: 95 @534 has 435 MA's), (Start: 191 @621 has 2 MA's), (379, 906), (411, 963), (422, 984), (436, 1011), (482, 1101), (513, 1155), (532, 1200), (570, 1275), (635, 1404), (687, 1488), (710, 1527), (800, 1650), (929, 1830), (954, 1863), (985, 1905), (997, 1920), (1081, 2055), (1105, 2091), (1142, 2151), (1150, 2163),

Gene: SketchMex_3 Start: 1110, Stop: 2789, Start Num: 143
Candidate Starts for SketchMex_3:
(Start: 143 @1110 has 83 MA's), (Start: 191 @1161 has 2 MA's), (205, 1182), (252, 1221), (300, 1308), (326, 1353), (334, 1374), (339, 1383), (378, 1455), (405, 1506), (411, 1515), (434, 1566), (482, 1665), (497, 1686), (513, 1719), (532, 1755), (598, 1899), (609, 1935), (623, 1974), (635, 2007), (661, 2055), (697, 2112), (738, 2145), (776, 2178), (803, 2244), (806, 2250), (852, 2316), (859, 2328), (929, 2415), (1001, 2511), (1047, 2559), (1110, 2634), (1165, 2715), (1213, 2775), (1214, 2778),

Gene: SkiPole_13 Start: 7147, Stop: 8835, Start Num: 95

Candidate Starts for SkiPole_13:
(Start: 95 @7147 has 435 MA's), (311, 7411), (323, 7435), (411, 7597), (430, 7630), (469, 7705), (510, 7795), (518, 7819), (553, 7894), (620, 8050), (622, 8059), (642, 8107), (644, 8110), (819, 8344), (832, 8356), (862, 8398), (882, 8419), (908, 8446), (985, 8554), (1070, 8644), (1139, 8749),

Gene: Skinny_15 Start: 4718, Stop: 6262, Start Num: 130
Candidate Starts for Skinny_15:
(Start: 130 @4718 has 21 MA's), (Start: 163 @4766 has 23 MA's), (266, 4907), (315, 4967), (392, 5105), (512, 5297), (643, 5507), (676, 5558), (729, 5630), (789, 5693), (796, 5717), (804, 5732), (857, 5792), (862, 5804), (907, 5864), (930, 5897), (959, 5930), (977, 5957), (1007, 6005), (1143, 6191), (1158, 6212),

Gene: Skipitt_11 Start: 7031, Stop: 8581, Start Num: 207
Candidate Starts for Skipitt_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Sknot_12 Start: 7484, Stop: 9271, Start Num: 96
Candidate Starts for Sknot_12:
(23, 7298), (50, 7400), (Start: 96 @7484 has 243 MA's), (179, 7592), (193, 7613), (250, 7721), (411, 8006), (469, 8114), (510, 8204), (518, 8228), (553, 8303), (580, 8345), (584, 8360), (798, 8744), (800, 8747), (901, 8873), (916, 8894), (979, 8978), (985, 8990), (1168, 9227), (1191, 9254), (1193, 9257), (1196, 9260), (1199, 9263),

Gene: Skylord_2 Start: 593, Stop: 2155, Start Num: 171
Candidate Starts for Skylord_2:
(Start: 171 @593 has 84 MA's), (Start: 245 @701 has 2 MA's), (278, 749), (342, 857), (347, 863), (360, 872), (363, 878), (364, 881), (422, 977), (464, 1040), (521, 1154), (548, 1214), (558, 1232), (665, 1460), (699, 1505), (796, 1643), (1057, 1970), (1195, 2144), (1201, 2147),

Gene: Skysand_26 Start: 13268, Stop: 14947, Start Num: 111
Candidate Starts for Skysand_26:
(Start: 111 @13268 has 202 MA's), (222, 13418), (251, 13475), (Start: 272 @13502 has 48 MA's), (281, 13514), (303, 13553), (324, 13586), (514, 13928), (523, 13955), (604, 14123), (608, 14135), (621, 14168), (675, 14246), (775, 14348), (839, 14462), (893, 14543), (901, 14558), (929, 14600), (988, 14666), (996, 14678), (1013, 14714), (1063, 14741), (1112, 14810), (1114, 14813), (1157, 14882),

Gene: Slagathor_12 Start: 6925, Stop: 8613, Start Num: 95
Candidate Starts for Slagathor_12:
(Start: 95 @6925 has 435 MA's), (311, 7189), (323, 7213), (411, 7375), (430, 7408), (469, 7483), (510, 7573), (518, 7597), (534, 7624), (553, 7672), (615, 7816), (620, 7828), (644, 7888), (819, 8122), (832, 8134), (862, 8176), (882, 8197), (908, 8224), (985, 8332), (1070, 8422), (1139, 8527),

Gene: Slay_3 Start: 1159, Stop: 2781, Start Num: 171
Candidate Starts for Slay_3:
(Start: 171 @1159 has 84 MA's), (278, 1315), (342, 1423), (360, 1438), (378, 1468), (390, 1492), (398, 1507), (420, 1540), (464, 1606), (498, 1657), (500, 1660), (521, 1720), (558, 1798), (829, 2248), (838, 2263), (1095, 2614), (1215, 2770),

Gene: Slentz_3 Start: 1086, Stop: 2546, Start Num: 149

Candidate Starts for Slentz_3:
(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (642, 1881), (649, 1896), (674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: SlimJimmy_13 Start: 4718, Stop: 6262, Start Num: 130
Candidate Starts for SlimJimmy_13:
(Start: 130 @4718 has 21 MA's), (Start: 163 @4766 has 23 MA's), (266, 4907), (315, 4967), (392, 5105), (512, 5297), (643, 5507), (676, 5558), (729, 5630), (789, 5693), (796, 5717), (804, 5732), (857, 5792), (862, 5804), (907, 5864), (930, 5897), (959, 5930), (977, 5957), (1007, 6005), (1143, 6191), (1158, 6212),

Gene: Slizam_3 Start: 1113, Stop: 2573, Start Num: 149
Candidate Starts for Slizam_3:
(Start: 149 @1113 has 162 MA's), (Start: 154 @1119 has 4 MA's), (Start: 272 @1281 has 48 MA's), (278, 1290), (315, 1350), (348, 1419), (366, 1440), (394, 1491), (520, 1695), (592, 1830), (642, 1908), (649, 1923), (661, 1941), (674, 1959), (703, 2001), (739, 2034), (765, 2052), (834, 2172), (835, 2175), (848, 2187), (857, 2199), (862, 2211), (905, 2262), (941, 2319), (944, 2325), (949, 2334), (958, 2343), (960, 2346), (1098, 2508), (1104, 2517), (1110, 2526), (1135, 2565),

Gene: Sloopyjoe_8 Start: 3601, Stop: 5367, Start Num: 174
Candidate Starts for Sloopyjoe_8:
(Start: 174 @3601 has 5 MA's), (Start: 187 @3619 has 203 MA's), (252, 3712), (254, 3718), (292, 3775), (322, 3838), (413, 4015), (444, 4093), (454, 4114), (506, 4216), (530, 4285), (537, 4300), (555, 4342), (604, 4471), (634, 4546), (644, 4570), (704, 4675), (726, 4699), (778, 4783), (868, 4897), (876, 4915), (929, 4984), (931, 4987), (962, 5038), (992, 5080), (1051, 5167), (1060, 5194), (1071, 5215), (1080, 5227), (1094, 5245), (1139, 5320),

Gene: Smairt_12 Start: 7444, Stop: 9132, Start Num: 95
Candidate Starts for Smairt_12:
(Start: 95 @7444 has 435 MA's), (Start: 258 @7624 has 2 MA's), (311, 7708), (327, 7744), (339, 7771), (411, 7894), (469, 8002), (510, 8092), (518, 8116), (553, 8191), (620, 8347), (644, 8407), (813, 8632), (819, 8641), (832, 8653), (862, 8695), (882, 8716), (908, 8743), (985, 8851), (1070, 8941), (1139, 9046),

Gene: Smeadley_9 Start: 5701, Stop: 7455, Start Num: 63
Candidate Starts for Smeadley_9:
(Start: 63 @5701 has 32 MA's), (Start: 86 @5743 has 10 MA's), (Start: 125 @5782 has 1 MA's), (200, 5890), (339, 6097), (449, 6298), (510, 6406), (570, 6535), (632, 6700), (647, 6733), (743, 6853), (800, 6928), (882, 7039), (901, 7057), (916, 7078), (954, 7132), (985, 7174), (1024, 7243), (1081, 7279), (1142, 7378), (1168, 7411), (1196, 7444), (1202, 7450),

Gene: Smeagan_14 Start: 7883, Stop: 9670, Start Num: 96
Candidate Starts for Smeagan_14:
(Start: 96 @7883 has 243 MA's), (179, 7991), (193, 8012), (227, 8078), (229, 8084), (250, 8120), (300, 8207), (408, 8402), (411, 8405), (469, 8513), (510, 8603), (518, 8627), (553, 8702), (580, 8744), (584, 8759), (733, 9059), (869, 9245), (901, 9272), (916, 9293), (985, 9389), (1168, 9626), (1193, 9656),

Gene: Smeagol_12 Start: 7865, Stop: 9553, Start Num: 95
Candidate Starts for Smeagol_12:
(Start: 95 @7865 has 435 MA's), (Start: 258 @8045 has 2 MA's), (311, 8129), (327, 8165), (339, 8192), (411, 8315), (469, 8423), (510, 8513), (518, 8537), (534, 8564), (553, 8612), (620, 8768), (644, 8828),

(813, 9053), (819, 9062), (832, 9074), (862, 9116), (882, 9137), (908, 9164), (985, 9272), (1070, 9362), (1139, 9467),

Gene: SmellyB_15 Start: 7533, Stop: 9287, Start Num: 96
Candidate Starts for SmellyB_15:
(Start: 96 @7533 has 243 MA's), (250, 7764), (283, 7815), (300, 7851), (339, 7926), (411, 8049), (432, 8088), (469, 8157), (479, 8181), (480, 8184), (510, 8247), (518, 8271), (570, 8370), (571, 8373), (583, 8400), (584, 8403), (740, 8688), (806, 8775), (812, 8787), (862, 8850), (901, 8889), (916, 8910), (979, 8994), (985, 9006), (1168, 9243), (1191, 9270), (1193, 9273),

Gene: SnapTap_12 Start: 7386, Stop: 9173, Start Num: 96
Candidate Starts for SnapTap_12:
(Start: 96 @7386 has 243 MA's), (179, 7494), (193, 7515), (250, 7623), (339, 7785), (408, 7905), (411, 7908), (469, 8016), (510, 8106), (518, 8130), (580, 8247), (584, 8262), (733, 8562), (869, 8748), (901, 8775), (916, 8796), (985, 8892), (1168, 9129), (1191, 9156), (1193, 9159),

Gene: Snape_12 Start: 8027, Stop: 9790, Start Num: 96
Candidate Starts for Snape_12:
(Start: 96 @8027 has 243 MA's), (Start: 120 @8048 has 11 MA's), (179, 8135), (250, 8264), (262, 8288), (300, 8351), (381, 8495), (408, 8546), (411, 8549), (469, 8660), (479, 8684), (480, 8687), (510, 8750), (513, 8759), (518, 8774), (580, 8891), (584, 8906), (605, 8966), (638, 9050), (740, 9191), (806, 9278), (812, 9290), (852, 9338), (862, 9353), (901, 9392), (916, 9413), (942, 9452), (979, 9497), (985, 9509), (1168, 9746), (1191, 9773),

Gene: Snazzy_9 Start: 6454, Stop: 8142, Start Num: 95
Candidate Starts for Snazzy_9:
(Start: 95 @6454 has 435 MA's), (311, 6718), (323, 6742), (411, 6904), (430, 6937), (469, 7012), (510, 7102), (518, 7126), (553, 7201), (620, 7357), (622, 7366), (642, 7414), (644, 7417), (813, 7642), (819, 7651), (832, 7663), (862, 7705), (882, 7726), (908, 7753), (985, 7861), (1070, 7951), (1139, 8056),

Gene: Snek_3 Start: 1419, Stop: 3110, Start Num: 95
Candidate Starts for Snek_3:
(Start: 95 @1419 has 435 MA's), (Start: 146 @1449 has 40 MA's), (Start: 176 @1485 has 8 MA's), (267, 1596), (373, 1779), (379, 1791), (411, 1848), (453, 1932), (482, 1989), (775, 2478), (959, 2745), (985, 2781), (997, 2796), (1081, 2925), (1097, 2946), (1150, 3033),

Gene: Snenia_5 Start: 1190, Stop: 2755, Start Num: 93
Candidate Starts for Snenia_5:
(64, 1139), (Start: 68 @1148 has 2 MA's), (Start: 93 @1190 has 92 MA's), (Start: 99 @1196 has 9 MA's), (238, 1367), (254, 1397), (313, 1472), (316, 1478), (319, 1484), (413, 1640), (419, 1649), (420, 1652), (422, 1655), (464, 1730), (494, 1784), (496, 1787), (498, 1790), (637, 2021), (685, 2096), (694, 2117), (699, 2123), (759, 2192), (776, 2216), (786, 2234), (790, 2249), (867, 2363), (907, 2402), (912, 2408), (962, 2474), (1001, 2528), (1016, 2564), (1024, 2576), (1078, 2615), (1143, 2702), (1181, 2747), (1183, 2750),

Gene: Snickers_13 Start: 6931, Stop: 8631, Start Num: 102
Candidate Starts for Snickers_13:
(Start: 102 @6931 has 88 MA's), (137, 6979), (253, 7114), (362, 7306), (411, 7393), (510, 7591), (550, 7681), (583, 7744), (644, 7906), (800, 8104), (812, 8128), (813, 8131), (862, 8194), (882, 8215), (916, 8254), (985, 8350), (1014, 8404), (1070, 8440), (1168, 8587), (1193, 8617), (1196, 8620),

Gene: Snorlax_6 Start: 2376, Stop: 4022, Start Num: 73
Candidate Starts for Snorlax_6:

(Start: 73 @2376 has 95 MA's), (Start: 86 @2394 has 10 MA's), (Start: 207 @2526 has 2 MA's), (283, 2598), (300, 2634), (400, 2814), (413, 2835), (437, 2880), (458, 2922), (497, 2994), (510, 3018), (556, 3117), (565, 3132), (580, 3156), (581, 3162), (673, 3330), (800, 3480), (811, 3501), (852, 3564), (869, 3591), (959, 3699), (985, 3738), (1001, 3759), (1003, 3765), (1010, 3783), (1105, 3879), (1142, 3939), (1204, 4017),

Gene: Snuffles_4 Start: 1283, Stop: 2743, Start Num: 149
Candidate Starts for Snuffles_4:
(Start: 149 @1283 has 162 MA's), (Start: 154 @1289 has 4 MA's), (Start: 272 @1451 has 48 MA's), (278, 1460), (315, 1520), (348, 1589), (366, 1610), (394, 1661), (520, 1865), (592, 2000), (649, 2093), (661, 2111), (674, 2129), (703, 2171), (739, 2204), (765, 2222), (834, 2342), (835, 2345), (848, 2357), (857, 2369), (862, 2381), (905, 2432), (941, 2489), (944, 2495), (949, 2504), (958, 2513), (960, 2516), (1098, 2678), (1104, 2687), (1110, 2696), (1135, 2735),

Gene: SoJulia_4 Start: 1069, Stop: 2637, Start Num: 93
Candidate Starts for SoJulia_4:
(Start: 93 @1069 has 92 MA's), (Start: 99 @1075 has 9 MA's), (228, 1231), (419, 1528), (422, 1534), (450, 1594), (494, 1666), (498, 1672), (509, 1693), (558, 1792), (591, 1840), (632, 1894), (643, 1918), (671, 1963), (676, 1969), (694, 1999), (699, 2005), (722, 2032), (729, 2041), (776, 2098), (779, 2104), (789, 2125), (790, 2131), (838, 2206), (845, 2209), (867, 2245), (912, 2290), (962, 2356), (1008, 2431), (1018, 2449), (1024, 2458), (1158, 2605), (1181, 2629), (1183, 2632),

Gene: SoYo_13 Start: 6868, Stop: 8568, Start Num: 102
Candidate Starts for SoYo_13:
(Start: 102 @6868 has 88 MA's), (137, 6916), (253, 7051), (362, 7243), (411, 7330), (510, 7528), (550, 7618), (583, 7681), (644, 7843), (800, 8041), (812, 8065), (813, 8068), (862, 8131), (882, 8152), (916, 8191), (985, 8287), (1014, 8341), (1070, 8377), (1168, 8524), (1193, 8554), (1196, 8557),

Gene: Soap141_4 Start: 1069, Stop: 2637, Start Num: 93
Candidate Starts for Soap141_4:
(Start: 93 @1069 has 92 MA's), (Start: 99 @1075 has 9 MA's), (228, 1231), (419, 1528), (422, 1534), (450, 1594), (494, 1666), (498, 1672), (558, 1792), (591, 1840), (632, 1894), (643, 1918), (671, 1963), (676, 1969), (694, 1999), (699, 2005), (722, 2032), (729, 2041), (776, 2098), (779, 2104), (789, 2125), (790, 2131), (838, 2206), (845, 2209), (867, 2245), (912, 2290), (962, 2356), (1008, 2431), (1018, 2449), (1024, 2458), (1158, 2605), (1181, 2629), (1183, 2632),

Gene: Socotra_5 Start: 1113, Stop: 2792, Start Num: 143
Candidate Starts for Socotra_5:
(Start: 143 @1113 has 83 MA's), (Start: 191 @1164 has 2 MA's), (205, 1185), (Start: 207 @1188 has 2 MA's), (254, 1230), (300, 1311), (334, 1377), (339, 1386), (378, 1458), (386, 1473), (405, 1509), (411, 1518), (434, 1569), (482, 1668), (513, 1722), (532, 1758), (598, 1902), (609, 1938), (623, 1977), (635, 2010), (661, 2058), (685, 2091), (697, 2115), (738, 2148), (776, 2181), (798, 2238), (803, 2247), (859, 2331), (929, 2418), (1001, 2514), (1072, 2586), (1081, 2598), (1165, 2718), (1213, 2778), (1214, 2781),

Gene: Softsoap_3 Start: 689, Stop: 2317, Start Num: 171
Candidate Starts for Softsoap_3:
(Start: 171 @689 has 84 MA's), (278, 845), (342, 953), (360, 968), (398, 1037), (425, 1079), (464, 1136), (498, 1187), (500, 1190), (521, 1250), (531, 1268), (542, 1298), (558, 1328), (829, 1784), (838, 1799), (1095, 2150), (1129, 2198), (1215, 2306),

Gene: SoilDragon_13 Start: 6642, Stop: 8342, Start Num: 102
Candidate Starts for SoilDragon_13:

(Start: 102 @6642 has 88 MA's), (137, 6690), (253, 6825), (362, 7017), (411, 7104), (510, 7302), (550, 7392), (583, 7455), (644, 7617), (800, 7815), (812, 7839), (813, 7842), (862, 7905), (882, 7926), (916, 7965), (985, 8061), (1014, 8115), (1070, 8151), (1168, 8298), (1193, 8328), (1196, 8331),

Gene: Solea_4 Start: 1046, Stop: 2674, Start Num: 171
Candidate Starts for Solea_4:
(90, 932), (131, 986), (Start: 171 @1046 has 84 MA's), (278, 1202), (342, 1310), (398, 1394), (415, 1418), (425, 1436), (464, 1493), (498, 1544), (500, 1547), (521, 1607), (531, 1625), (542, 1655), (558, 1685), (829, 2141), (838, 2156), (1095, 2507), (1129, 2555), (1215, 2663),

Gene: Solon_11 Start: 7606, Stop: 9294, Start Num: 95
Candidate Starts for Solon_11:
(Start: 95 @7606 has 435 MA's), (311, 7870), (323, 7894), (411, 8056), (430, 8089), (469, 8164), (510, 8254), (518, 8278), (534, 8305), (553, 8353), (620, 8509), (644, 8569), (819, 8803), (832, 8815), (862, 8857), (882, 8878), (908, 8905), (985, 9013), (1070, 9103), (1139, 9208),

Gene: Soondubu_2 Start: 568, Stop: 2274, Start Num: 95
Candidate Starts for Soondubu_2:
(Start: 95 @568 has 435 MA's), (300, 793), (373, 922), (411, 991), (430, 1027), (436, 1039), (482, 1132), (513, 1186), (604, 1396), (985, 1942), (997, 1957), (1136, 2173), (1150, 2197), (1165, 2212), (1201, 2260),

Gene: Sooty_2 Start: 593, Stop: 2281, Start Num: 119
Candidate Starts for Sooty_2:
(Start: 119 @593 has 16 MA's), (295, 794), (373, 938), (386, 962), (411, 1007), (456, 1094), (482, 1148), (509, 1187), (570, 1322), (608, 1424), (687, 1535), (773, 1646), (800, 1697), (985, 1952), (997, 1967), (1142, 2192), (1150, 2204), (1165, 2219),

Gene: Sopespian_4 Start: 1113, Stop: 2792, Start Num: 143
Candidate Starts for Sopespian_4:
(Start: 143 @1113 has 83 MA's), (Start: 191 @1164 has 2 MA's), (205, 1185), (Start: 207 @1188 has 2 MA's), (252, 1224), (254, 1230), (300, 1311), (334, 1377), (339, 1386), (378, 1458), (386, 1473), (405, 1509), (411, 1518), (434, 1569), (482, 1668), (513, 1722), (532, 1758), (598, 1902), (609, 1938), (623, 1977), (635, 2010), (661, 2058), (685, 2091), (697, 2115), (738, 2148), (776, 2181), (798, 2238), (803, 2247), (859, 2331), (929, 2418), (1001, 2514), (1072, 2586), (1081, 2598), (1165, 2718), (1213, 2778), (1214, 2781),

Gene: SororFago_11 Start: 6539, Stop: 8296, Start Num: 96
Candidate Starts for SororFago_11:
(Start: 96 @6539 has 243 MA's), (Start: 182 @6647 has 15 MA's), (200, 6671), (226, 6725), (231, 6737), (235, 6746), (243, 6755), (250, 6770), (283, 6821), (339, 6932), (408, 7052), (411, 7055), (469, 7166), (479, 7190), (510, 7256), (518, 7280), (550, 7346), (584, 7412), (622, 7520), (659, 7595), (800, 7772), (806, 7784), (812, 7796), (813, 7799), (817, 7805), (862, 7859), (901, 7898), (985, 8015), (1024, 8084), (1168, 8252), (1191, 8279),

Gene: Sorpresa_11 Start: 6972, Stop: 8660, Start Num: 95
Candidate Starts for Sorpresa_11:
(Start: 95 @6972 has 435 MA's), (Start: 258 @7152 has 2 MA's), (311, 7236), (327, 7272), (339, 7299), (411, 7422), (469, 7530), (510, 7620), (518, 7644), (534, 7671), (553, 7719), (620, 7875), (644, 7935), (813, 8160), (819, 8169), (832, 8181), (862, 8223), (882, 8244), (908, 8271), (985, 8379), (1070, 8469), (1139, 8574),

Gene: Soshari_15 Start: 7040, Stop: 8740, Start Num: 102

Candidate Starts for Soshari_15:
(Start: 102 @7040 has 88 MA's), (137, 7088), (253, 7223), (362, 7415), (411, 7502), (510, 7700), (550, 7790), (583, 7853), (644, 8015), (800, 8213), (812, 8237), (813, 8240), (862, 8303), (882, 8324), (916, 8363), (985, 8459), (1014, 8513), (1070, 8549), (1168, 8696), (1193, 8726), (1196, 8729),

Gene: Soshi_7 Start: 2850, Stop: 4595, Start Num: 187
Candidate Starts for Soshi_7:
(Start: 187 @2850 has 203 MA's), (229, 2904), (231, 2907), (252, 2943), (254, 2949), (380, 3183), (430, 3282), (444, 3324), (454, 3345), (476, 3387), (480, 3399), (522, 3498), (530, 3516), (545, 3552), (634, 3777), (644, 3801), (647, 3807), (726, 3930), (771, 3999), (863, 4116), (876, 4143), (929, 4212), (931, 4215), (962, 4266), (1012, 4353), (1059, 4419), (1071, 4443), (1080, 4455), (1094, 4473), (1136, 4545), (1139, 4548),

Gene: Soups_14 Start: 6808, Stop: 8505, Start Num: 96
Candidate Starts for Soups_14:
(Start: 96 @6808 has 243 MA's), (Start: 118 @6826 has 1 MA's), (253, 6988), (339, 7144), (381, 7213), (411, 7267), (469, 7375), (480, 7402), (510, 7465), (518, 7489), (812, 8005), (862, 8068), (904, 8110), (985, 8224), (1081, 8329), (1168, 8461), (1191, 8488), (1193, 8491), (1196, 8494),

Gene: Sourignavong_5 Start: 901, Stop: 2391, Start Num: 146
Candidate Starts for Sourignavong_5:
(Start: 146 @901 has 40 MA's), (181, 946), (Start: 246 @1030 has 12 MA's), (255, 1048), (267, 1066), (274, 1075), (313, 1126), (315, 1129), (319, 1138), (330, 1168), (345, 1195), (415, 1294), (474, 1393), (486, 1417), (488, 1420), (491, 1423), (513, 1468), (650, 1702), (692, 1750), (694, 1762), (728, 1801), (748, 1819), (768, 1831), (770, 1834), (781, 1855), (785, 1861), (789, 1873), (838, 1951), (874, 2005), (930, 2059), (940, 2071), (1005, 2164), (1081, 2248), (1125, 2305), (1175, 2374),

Gene: South40_7 Start: 2648, Stop: 4294, Start Num: 73
Candidate Starts for South40_7:
(Start: 73 @2648 has 95 MA's), (Start: 86 @2666 has 10 MA's), (283, 2870), (326, 2951), (400, 3086), (413, 3107), (437, 3152), (458, 3194), (497, 3266), (510, 3290), (556, 3389), (584, 3443), (604, 3500), (673, 3602), (719, 3662), (749, 3689), (811, 3773), (817, 3785), (869, 3863), (906, 3896), (959, 3971), (985, 4010), (1001, 4031), (1003, 4037), (1010, 4055), (1105, 4151), (1142, 4211),

Gene: Spain_7 Start: 3618, Stop: 5366, Start Num: 187
Candidate Starts for Spain_7:
(Start: 174 @3600 has 5 MA's), (Start: 187 @3618 has 203 MA's), (252, 3711), (254, 3717), (292, 3774), (322, 3837), (413, 4014), (444, 4092), (454, 4113), (506, 4215), (530, 4284), (537, 4299), (555, 4341), (604, 4470), (634, 4545), (644, 4569), (704, 4674), (726, 4698), (778, 4782), (868, 4896), (876, 4914), (929, 4983), (931, 4986), (962, 5037), (992, 5079), (1051, 5166), (1060, 5193), (1071, 5214), (1080, 5226), (1094, 5244), (1139, 5319),

Gene: Sparkdehlily_2 Start: 588, Stop: 2225, Start Num: 111
Candidate Starts for Sparkdehlily_2:
(Start: 111 @588 has 202 MA's), (Start: 125 @603 has 1 MA's), (Start: 129 @612 has 79 MA's), (133, 618), (Start: 158 @645 has 2 MA's), (Start: 185 @669 has 2 MA's), (188, 672), (224, 735), (230, 753), (244, 774), (312, 861), (315, 867), (352, 921), (369, 933), (377, 945), (381, 954), (383, 957), (392, 978), (404, 999), (440, 1071), (461, 1110), (502, 1179), (505, 1185), (514, 1215), (515, 1218), (518, 1227), (523, 1242), (534, 1260), (557, 1311), (604, 1413), (711, 1584), (726, 1596), (800, 1680), (816, 1710), (818, 1713), (820, 1716), (869, 1773), (884, 1788), (889, 1794), (893, 1797), (901, 1812), (908, 1821), (957, 1890), (982, 1920), (988, 1929), (1006, 1962), (1024, 1995), (1069, 2022), (1094, 2055), (1112, 2082), (1114, 2085), (1127, 2106), (1139, 2130), (1142, 2139), (1145, 2142), (1184, 2199),

Gene: Sparky_2 Start: 507, Stop: 2288, Start Num: 69
Candidate Starts for Sparky_2:
(Start: 69 @507 has 2 MA's), (150, 612), (323, 831), (327, 843), (339, 870), (378, 936), (381, 942), (383, 945), (398, 975), (411, 996), (440, 1053), (495, 1155), (513, 1191), (532, 1239), (560, 1299), (599, 1389), (608, 1419), (647, 1473), (697, 1551), (800, 1659), (811, 1680), (817, 1692), (832, 1710), (884, 1809), (919, 1863), (929, 1878), (959, 1920), (985, 1968), (1000, 1992), (1016, 2028), (1072, 2097), (1077, 2103), (1081, 2109), (1119, 2160), (1139, 2196), (1141, 2202), (1150, 2217), (1167, 2235), (1181, 2250),

Gene: Spartacus_2 Start: 575, Stop: 2212, Start Num: 111
Candidate Starts for Spartacus_2:
(Start: 111 @575 has 202 MA's), (Start: 118 @584 has 1 MA's), (Start: 129 @599 has 79 MA's), (147, 620), (Start: 158 @632 has 2 MA's), (Start: 185 @656 has 2 MA's), (188, 659), (200, 677), (224, 722), (244, 761), (312, 848), (352, 908), (369, 920), (377, 932), (381, 941), (383, 944), (392, 965), (404, 986), (415, 1001), (440, 1058), (461, 1097), (502, 1166), (505, 1172), (514, 1202), (515, 1205), (518, 1214), (523, 1229), (534, 1247), (557, 1298), (601, 1391), (604, 1400), (711, 1571), (726, 1583), (748, 1601), (800, 1667), (816, 1697), (818, 1700), (820, 1703), (869, 1760), (884, 1775), (889, 1781), (893, 1784), (901, 1799), (908, 1808), (957, 1877), (982, 1907), (988, 1916), (1006, 1949), (1024, 1982), (1069, 2009), (1094, 2042), (1112, 2069), (1114, 2072), (1127, 2093), (1139, 2117), (1142, 2126), (1145, 2129), (1184, 2186),

Gene: Sparxx_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Sparxx_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: SpecialK_2 Start: 594, Stop: 2282, Start Num: 119
Candidate Starts for SpecialK_2:
(Start: 119 @594 has 16 MA's), (373, 939), (386, 963), (411, 1008), (456, 1095), (482, 1149), (509, 1188), (570, 1323), (608, 1425), (773, 1647), (800, 1698), (959, 1917), (985, 1953), (997, 1968), (1142, 2193), (1150, 2205), (1165, 2220), (1204, 2271),

Gene: Spectropatronm_8 Start: 3146, Stop: 4891, Start Num: 187
Candidate Starts for Spectropatronm_8:
(Start: 187 @3146 has 203 MA's), (229, 3200), (231, 3203), (252, 3239), (254, 3245), (380, 3479), (430, 3578), (444, 3620), (454, 3641), (476, 3683), (480, 3695), (522, 3794), (530, 3812), (545, 3848), (634, 4073), (644, 4097), (647, 4103), (726, 4226), (771, 4295), (863, 4412), (866, 4418), (876, 4439), (929, 4508), (931, 4511), (962, 4562), (1012, 4649), (1059, 4715), (1071, 4739), (1080, 4751), (1094, 4769), (1136, 4841), (1139, 4844),

Gene: Speedwell_7 Start: 2470, Stop: 4116, Start Num: 73
Candidate Starts for Speedwell_7:
(Start: 68 @2461 has 2 MA's), (Start: 73 @2470 has 95 MA's), (Start: 74 @2473 has 1 MA's), (Start: 86 @2488 has 10 MA's), (152, 2545), (283, 2692), (326, 2773), (327, 2776), (400, 2908), (405, 2917), (411, 2926), (413, 2929), (510, 3112), (556, 3211), (584, 3265), (605, 3325), (638, 3364), (673, 3424), (743, 3505), (800, 3574), (811, 3595), (850, 3655), (852, 3658), (901, 3712), (916, 3733), (959, 3793), (985, 3832), (1003, 3859), (1010, 3877), (1157, 4054),

Gene: Spike509_13 Start: 7041, Stop: 8741, Start Num: 102
Candidate Starts for Spike509_13:

(Start: 102 @7041 has 88 MA's), (137, 7089), (253, 7224), (362, 7416), (411, 7503), (510, 7701), (550, 7791), (583, 7854), (644, 8016), (800, 8214), (812, 8238), (813, 8241), (862, 8304), (882, 8325), (916, 8364), (985, 8460), (1014, 8514), (1070, 8550), (1168, 8697), (1193, 8727), (1196, 8730),

Gene: SpikeBT_13 Start: 7909, Stop: 9597, Start Num: 107
Candidate Starts for SpikeBT_13:
(Start: 107 @7909 has 24 MA's), (Start: 258 @8089 has 2 MA's), (311, 8173), (324, 8200), (327, 8209), (411, 8359), (430, 8392), (469, 8467), (510, 8557), (518, 8581), (534, 8608), (553, 8656), (591, 8725), (620, 8812), (644, 8872), (813, 9097), (819, 9106), (832, 9118), (862, 9160), (882, 9181), (908, 9208), (985, 9316), (1070, 9406), (1139, 9511),

Gene: Spino_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Spino_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Splinter_7 Start: 3467, Stop: 5074, Start Num: 159
Candidate Starts for Splinter_7:
(Start: 99 @3389 has 9 MA's), (Start: 159 @3467 has 6 MA's), (316, 3695), (364, 3779), (378, 3800), (389, 3821), (464, 3959), (500, 4013), (535, 4100), (536, 4103), (548, 4133), (628, 4238), (681, 4340), (768, 4463), (811, 4550), (830, 4565), (838, 4580), (891, 4643), (944, 4712), (971, 4754), (983, 4778), (1013, 4829), (1014, 4832), (1046, 4865), (1095, 4931), (1130, 4982), (1195, 5060), (1206, 5066),

Gene: Spooks_49 Start: 26688, Stop: 28250, Start Num: 141
Candidate Starts for Spooks_49:
(Start: 141 @26688 has 2 MA's), (Start: 271 @26841 has 3 MA's), (324, 26931), (400, 27072), (403, 27078), (411, 27090), (437, 27141), (480, 27234), (482, 27237), (497, 27258), (566, 27405), (697, 27633), (806, 27756), (916, 27879), (998, 27990), (1016, 28026), (1142, 28170), (1148, 28179), (1178, 28215), (1195, 28239),

Gene: Spoonbill_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for Spoonbill_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (244, 758), (312, 845), (352, 905), (369, 917), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (601, 1388), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1024, 1979), (1069, 2006), (1094, 2039), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: Sporto_7 Start: 3557, Stop: 5305, Start Num: 187
Candidate Starts for Sporto_7:
(Start: 187 @3557 has 203 MA's), (204, 3578), (254, 3656), (322, 3776), (413, 3953), (444, 4031), (454, 4052), (506, 4154), (530, 4223), (539, 4247), (604, 4409), (621, 4454), (644, 4508), (704, 4613), (726, 4637), (771, 4709), (778, 4721), (868, 4835), (929, 4922), (931, 4925), (951, 4958), (954, 4964), (992, 5018), (1071, 5153), (1080, 5165), (1094, 5183), (1136, 5255), (1139, 5258),

Gene: Spouty_13 Start: 8139, Stop: 9926, Start Num: 96
Candidate Starts for Spouty_13:

(Start: 96 @8139 has 243 MA's), (Start: 114 @8154 has 11 MA's), (Start: 120 @8160 has 11 MA's), (200, 8271), (250, 8370), (339, 8532), (381, 8604), (411, 8658), (432, 8697), (469, 8769), (510, 8859), (518, 8883), (580, 9000), (584, 9015), (622, 9123), (659, 9198), (685, 9234), (717, 9294), (806, 9414), (817, 9435), (852, 9474), (901, 9528), (904, 9531), (916, 9549), (954, 9603), (979, 9633), (985, 9645), (1070, 9735), (1083, 9753), (1168, 9882), (1191, 9909), (1193, 9912),

Gene: Sprinkle_7 Start: 3585, Stop: 5333, Start Num: 187
Candidate Starts for Sprinkle_7:
(Start: 187 @3585 has 203 MA's), (254, 3684), (322, 3804), (413, 3981), (427, 4011), (444, 4059), (451, 4077), (454, 4080), (506, 4182), (530, 4251), (539, 4275), (604, 4437), (606, 4443), (621, 4482), (634, 4512), (644, 4536), (726, 4665), (771, 4737), (778, 4749), (868, 4863), (929, 4950), (931, 4953), (934, 4959), (942, 4971), (992, 5046), (1045, 5124), (1071, 5181), (1080, 5193), (1094, 5211), (1133, 5274), (1139, 5286),

Gene: Sputnik_3 Start: 604, Stop: 2115, Start Num: 142
Candidate Starts for Sputnik_3:
(116, 562), (Start: 142 @604 has 2 MA's), (255, 763), (300, 808), (316, 847), (319, 853), (330, 883), (337, 895), (347, 913), (415, 1009), (474, 1108), (486, 1132), (488, 1135), (513, 1183), (523, 1213), (532, 1228), (536, 1237), (538, 1246), (555, 1270), (657, 1426), (660, 1429), (694, 1477), (751, 1537), (767, 1546), (781, 1573), (801, 1624), (869, 1711), (889, 1729), (946, 1801), (979, 1843), (980, 1846), (1002, 1876), (1016, 1909), (1018, 1912), (1029, 1930),

Gene: SqueakyClean_7 Start: 2449, Stop: 4095, Start Num: 73
Candidate Starts for SqueakyClean_7:
(Start: 73 @2449 has 95 MA's), (295, 2692), (300, 2707), (311, 2719), (333, 2770), (378, 2845), (400, 2887), (403, 2893), (413, 2908), (458, 2995), (497, 3067), (510, 3091), (556, 3190), (574, 3226), (584, 3244), (648, 3367), (673, 3403), (806, 3565), (811, 3574), (852, 3637), (901, 3691), (959, 3772), (985, 3811), (1001, 3832), (1010, 3856), (1141, 4009), (1142, 4012),

Gene: Squee_12 Start: 7450, Stop: 9138, Start Num: 95
Candidate Starts for Squee_12:
(Start: 95 @7450 has 435 MA's), (Start: 258 @7630 has 2 MA's), (311, 7714), (327, 7750), (339, 7777), (394, 7873), (411, 7900), (430, 7933), (469, 8008), (510, 8098), (518, 8122), (553, 8197), (620, 8353), (622, 8362), (644, 8413), (819, 8647), (832, 8659), (862, 8701), (882, 8722), (908, 8749), (985, 8857), (1070, 8947), (1139, 9052),

Gene: Squircle_3 Start: 953, Stop: 2530, Start Num: 171
Candidate Starts for Squircle_3:
(Start: 171 @953 has 84 MA's), (Start: 191 @980 has 2 MA's), (252, 1070), (278, 1109), (315, 1154), (342, 1217), (360, 1232), (394, 1295), (498, 1451), (521, 1514), (547, 1571), (548, 1574), (558, 1592), (567, 1607), (672, 1829), (722, 1892), (738, 1916), (780, 1967), (782, 1970), (787, 1979), (796, 2003), (837, 2057), (861, 2087), (907, 2135), (1022, 2273), (1057, 2345), (1125, 2432), (1134, 2450), (1201, 2522),

Gene: StAB_2 Start: 376, Stop: 1959, Start Num: 169
Candidate Starts for StAB_2:
(Start: 167 @373 has 4 MA's), (Start: 169 @376 has 6 MA's), (Start: 171 @382 has 84 MA's), (211, 442), (285, 550), (288, 553), (313, 631), (317, 640), (420, 814), (490, 916), (496, 925), (500, 931), (505, 940), (525, 1000), (547, 1048), (548, 1051), (613, 1114), (649, 1207), (807, 1429), (823, 1447), (863, 1492), (889, 1534), (918, 1570), (927, 1585), (946, 1612), (948, 1615), (959, 1630), (990, 1663), (1001, 1678), (1024, 1726), (1050, 1756), (1058, 1774), (1115, 1849), (1166, 1924), (1196, 1948),

Gene: StAnnes_2 Start: 587, Stop: 2224, Start Num: 111

Candidate Starts for StAnnes_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: StCroix_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for StCroix_8:
(Start: 104 @3156 has 36 MA's), (Start: 258 @3342 has 2 MA's), (300, 3414), (311, 3426), (323, 3450), (327, 3462), (411, 3615), (420, 3630), (449, 3690), (510, 3798), (534, 3855), (618, 4053), (623, 4071), (647, 4125), (742, 4236), (778, 4269), (800, 4311), (817, 4344), (869, 4413), (985, 4557), (1010, 4602), (1081, 4662), (1142, 4761), (1168, 4794), (1191, 4821), (1193, 4824), (1196, 4827),

Gene: Stagni_13 Start: 6959, Stop: 8659, Start Num: 102
Candidate Starts for Stagni_13:
(Start: 102 @6959 has 88 MA's), (137, 7007), (253, 7142), (362, 7334), (411, 7421), (510, 7619), (550, 7709), (583, 7772), (644, 7934), (800, 8132), (812, 8156), (813, 8159), (862, 8222), (882, 8243), (916, 8282), (985, 8378), (1014, 8432), (1070, 8468), (1168, 8615), (1193, 8645), (1196, 8648),

Gene: Stank_10 Start: 2509, Stop: 4179, Start Num: 272
Candidate Starts for Stank_10:
(Start: 272 @2509 has 48 MA's), (309, 2572), (435, 2806), (487, 2908), (570, 3088), (576, 3112), (585, 3130), (595, 3142), (616, 3205), (621, 3217), (642, 3262), (649, 3277), (700, 3355), (728, 3400), (759, 3454), (760, 3460), (814, 3574), (841, 3622), (910, 3718), (922, 3739), (933, 3754), (1014, 3907), (1022, 3919), (1065, 3976), (1091, 4012), (1124, 4063), (1142, 4099), (1145, 4102), (1193, 4168),

Gene: StarLord_8 Start: 3619, Stop: 5367, Start Num: 187
Candidate Starts for StarLord_8:
(Start: 174 @3601 has 5 MA's), (Start: 187 @3619 has 203 MA's), (252, 3712), (254, 3718), (292, 3775), (322, 3838), (413, 4015), (444, 4093), (454, 4114), (506, 4216), (530, 4285), (537, 4300), (555, 4342), (604, 4471), (634, 4546), (644, 4570), (704, 4675), (726, 4699), (778, 4783), (868, 4897), (876, 4915), (929, 4984), (931, 4987), (962, 5038), (992, 5080), (1051, 5167), (1060, 5194), (1071, 5215), (1080, 5227), (1094, 5245), (1139, 5320),

Gene: StarStruck_25 Start: 12805, Stop: 14535, Start Num: 111
Candidate Starts for StarStruck_25:
(Start: 111 @12805 has 202 MA's), (Start: 115 @12811 has 2 MA's), (247, 13006), (251, 13012), (281, 13051), (299, 13081), (324, 13123), (406, 13300), (514, 13516), (523, 13543), (604, 13711), (608, 13723), (621, 13756), (675, 13834), (818, 14017), (839, 14050), (855, 14080), (893, 14131), (922, 14179), (988, 14254), (996, 14266), (1013, 14302), (1139, 14440), (1157, 14470),

Gene: StarStuff_15 Start: 7375, Stop: 9162, Start Num: 96
Candidate Starts for StarStuff_15:
(29, 7216), (33, 7243), (Start: 96 @7375 has 243 MA's), (179, 7483), (193, 7504), (227, 7570), (250, 7612), (300, 7699), (408, 7894), (411, 7897), (469, 8005), (510, 8095), (518, 8119), (570, 8218), (583, 8248), (584, 8251), (623, 8362), (733, 8551), (852, 8710), (862, 8725), (869, 8737), (901, 8764), (916, 8785), (979, 8869), (985, 8881), (1070, 8971), (1168, 9118), (1191, 9145), (1193, 9148),

Gene: Starburst_5 Start: 1113, Stop: 2792, Start Num: 143
Candidate Starts for Starburst_5:
(Start: 143 @1113 has 83 MA's), (Start: 191 @1164 has 2 MA's), (205, 1185), (Start: 207 @1188 has 2 MA's), (254, 1230), (300, 1311), (334, 1377), (339, 1386), (378, 1458), (386, 1473), (405, 1509), (411, 1518), (434, 1569), (482, 1668), (513, 1722), (532, 1758), (598, 1902), (609, 1938), (623, 1977), (635, 2010), (661, 2058), (685, 2091), (697, 2115), (738, 2148), (776, 2181), (798, 2238), (803, 2247), (859, 2331), (882, 2358), (929, 2418), (1001, 2514), (1072, 2586), (1081, 2598), (1165, 2718), (1213, 2778), (1214, 2781),

Gene: Stardom_7 Start: 3940, Stop: 5601, Start Num: 252
Candidate Starts for Stardom_7:
(151, 3793), (Start: 183 @3841 has 2 MA's), (Start: 187 @3847 has 203 MA's), (252, 3940), (254, 3946), (395, 4213), (413, 4243), (427, 4273), (444, 4321), (451, 4339), (454, 4342), (476, 4384), (530, 4513), (604, 4699), (644, 4798), (685, 4870), (726, 4927), (771, 5005), (778, 5017), (868, 5131), (876, 5149), (914, 5194), (929, 5218), (931, 5221), (954, 5260), (1051, 5401), (1069, 5446), (1071, 5449), (1080, 5461), (1114, 5509), (1133, 5542), (1136, 5551), (1139, 5554),

Gene: Stardrop_8 Start: 3536, Stop: 5269, Start Num: 187
Candidate Starts for Stardrop_8:
(Start: 187 @3536 has 203 MA's), (254, 3635), (388, 3872), (413, 3920), (444, 3998), (451, 4016), (454, 4019), (492, 4088), (530, 4190), (539, 4214), (570, 4271), (604, 4376), (644, 4475), (661, 4505), (685, 4547), (726, 4604), (771, 4673), (778, 4685), (868, 4799), (876, 4817), (929, 4886), (931, 4889), (1059, 5093), (1071, 5117), (1080, 5129), (1089, 5141), (1112, 5174), (1136, 5219), (1139, 5222),

Gene: Stark_9 Start: 2277, Stop: 3947, Start Num: 272
Candidate Starts for Stark_9:
(Start: 272 @2277 has 48 MA's), (309, 2340), (435, 2574), (487, 2676), (570, 2856), (576, 2880), (585, 2898), (595, 2910), (616, 2973), (621, 2985), (642, 3030), (649, 3045), (700, 3123), (728, 3168), (759, 3222), (760, 3228), (814, 3342), (910, 3486), (933, 3522), (1014, 3675), (1022, 3687), (1065, 3744), (1091, 3780), (1124, 3831), (1142, 3867), (1145, 3870), (1193, 3936),

Gene: Stasia_12 Start: 7329, Stop: 9026, Start Num: 95
Candidate Starts for Stasia_12:
(Start: 95 @7329 has 435 MA's), (Start: 122 @7353 has 1 MA's), (311, 7599), (408, 7782), (411, 7785), (432, 7824), (469, 7893), (479, 7917), (510, 7983), (513, 7992), (550, 8073), (570, 8106), (620, 8238), (661, 8325), (685, 8358), (740, 8424), (800, 8499), (812, 8523), (862, 8589), (869, 8601), (901, 8628), (916, 8649), (985, 8745), (1024, 8814), (1168, 8982), (1193, 9012), (1196, 9015),

Gene: Stayer_8 Start: 3600, Stop: 5366, Start Num: 174
Candidate Starts for Stayer_8:
(Start: 174 @3600 has 5 MA's), (Start: 187 @3618 has 203 MA's), (252, 3711), (254, 3717), (292, 3774), (322, 3837), (413, 4014), (444, 4092), (454, 4113), (506, 4215), (530, 4284), (537, 4299), (555, 4341), (604, 4470), (634, 4545), (644, 4569), (704, 4674), (726, 4698), (778, 4782), (868, 4896), (876, 4914), (929, 4983), (931, 4986), (962, 5037), (992, 5079), (1051, 5166), (1060, 5193), (1071, 5214), (1080, 5226), (1094, 5244), (1139, 5319),

Gene: SteMason_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for SteMason_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: SteamedHams_6 Start: 1120, Stop: 2799, Start Num: 143
Candidate Starts for SteamedHams_6:
(Start: 143 @1120 has 83 MA's), (Start: 191 @1171 has 2 MA's), (205, 1192), (Start: 207 @1195 has 2 MA's), (254, 1237), (295, 1303), (326, 1363), (334, 1384), (339, 1393), (386, 1480), (405, 1516), (411, 1525), (434, 1576), (482, 1675), (497, 1696), (513, 1729), (532, 1765), (598, 1909), (609, 1945), (623, 1984), (704, 2131), (738, 2155), (803, 2254), (859, 2338), (929, 2425), (1001, 2521), (1047, 2569), (1072, 2593), (1165, 2725), (1213, 2785), (1214, 2788),

Gene: Steamy_13 Start: 7952, Stop: 9736, Start Num: 96
Candidate Starts for Steamy_13:
(Start: 96 @7952 has 243 MA's), (200, 8081), (250, 8180), (262, 8204), (300, 8267), (339, 8342), (386, 8423), (411, 8468), (432, 8507), (469, 8579), (510, 8669), (518, 8693), (570, 8792), (580, 8810), (584, 8825), (800, 9212), (852, 9284), (862, 9299), (901, 9338), (904, 9341), (916, 9359), (985, 9455), (1167, 9689), (1168, 9692), (1191, 9719), (1193, 9722), (1196, 9725),

Gene: Stellammi_2 Start: 539, Stop: 2344, Start Num: 71
Candidate Starts for Stellammi_2:
(67, 530), (Start: 71 @539 has 22 MA's), (Start: 178 @680 has 1 MA's), (220, 752), (295, 839), (373, 980), (411, 1049), (482, 1187), (495, 1205), (513, 1241), (532, 1289), (534, 1292), (603, 1457), (633, 1505), (648, 1529), (678, 1571), (686, 1580), (690, 1586), (798, 1712), (803, 1721), (817, 1748), (819, 1751), (825, 1757), (850, 1796), (887, 1856), (979, 2000), (985, 2012), (1004, 2045), (1014, 2069), (1019, 2078), (1042, 2120), (1072, 2144), (1105, 2192), (1139, 2243), (1141, 2249), (1165, 2279), (1204, 2327), (1208, 2333),

Gene: Stem_3 Start: 1113, Stop: 2573, Start Num: 149
Candidate Starts for Stem_3:
(Start: 149 @1113 has 162 MA's), (Start: 154 @1119 has 4 MA's), (Start: 272 @1281 has 48 MA's), (278, 1290), (315, 1350), (348, 1419), (366, 1440), (394, 1491), (520, 1695), (592, 1830), (642, 1908), (649, 1923), (661, 1941), (674, 1959), (703, 2001), (739, 2034), (765, 2052), (834, 2172), (835, 2175), (848, 2187), (857, 2199), (862, 2211), (905, 2262), (941, 2319), (944, 2325), (949, 2334), (958, 2343), (960, 2346), (1098, 2508), (1104, 2517), (1110, 2526), (1135, 2565),

Gene: StepMih_13 Start: 6950, Stop: 8650, Start Num: 102
Candidate Starts for StepMih_13:
(Start: 102 @6950 has 88 MA's), (137, 6998), (253, 7133), (362, 7325), (411, 7412), (510, 7610), (550, 7700), (583, 7763), (644, 7925), (800, 8123), (812, 8147), (813, 8150), (862, 8213), (882, 8234), (916, 8273), (985, 8369), (1014, 8423), (1070, 8459), (1168, 8606), (1193, 8636), (1196, 8639),

Gene: Stephig9_9 Start: 5669, Stop: 7423, Start Num: 63
Candidate Starts for Stephig9_9:
(Start: 63 @5669 has 32 MA's), (Start: 86 @5711 has 10 MA's), (Start: 125 @5750 has 1 MA's), (200, 5858), (339, 6065), (449, 6266), (510, 6374), (570, 6503), (632, 6668), (647, 6701), (743, 6821), (800, 6896), (882, 7007), (901, 7025), (916, 7046), (954, 7100), (985, 7142), (1081, 7247), (1142, 7346), (1168, 7379), (1196, 7412), (1202, 7418),

Gene: StewieG_10 Start: 6822, Stop: 8510, Start Num: 95
Candidate Starts for StewieG_10:
(Start: 95 @6822 has 435 MA's), (Start: 258 @7002 has 2 MA's), (311, 7086), (327, 7122), (339, 7149), (411, 7272), (469, 7380), (510, 7470), (518, 7494), (534, 7521), (553, 7569), (620, 7725), (644, 7785), (813, 8010), (819, 8019), (832, 8031), (862, 8073), (882, 8094), (908, 8121), (985, 8229), (1070, 8319), (1139, 8424),

Gene: StewieGriff_4 Start: 800, Stop: 2290, Start Num: 146
Candidate Starts for StewieGriff_4:
(Start: 146 @800 has 40 MA's), (181, 845), (255, 947), (274, 974), (313, 1025), (319, 1037), (330, 1067), (337, 1079), (345, 1094), (390, 1160), (422, 1205), (474, 1292), (486, 1316), (488, 1319), (491, 1322), (513, 1367), (521, 1391), (525, 1400), (562, 1466), (612, 1529), (616, 1541), (642, 1583), (650, 1601), (694, 1661), (748, 1718), (768, 1730), (781, 1754), (789, 1772), (838, 1850), (874, 1904), (930, 1958), (940, 1970), (945, 1979), (1002, 2054), (1005, 2063), (1018, 2090), (1081, 2147), (1122, 2201), (1175, 2273),

Gene: Stickynote_14 Start: 7569, Stop: 9554, Start Num: 17
Candidate Starts for Stickynote_14:
(1, 7305), (2, 7341), (Start: 17 @7569 has 1 MA's), (20, 7623), (32, 7713), (39, 7737), (92, 7854), (Start: 111 @7875 has 202 MA's), (Start: 129 @7899 has 79 MA's), (175, 7962), (Start: 191 @7986 has 2 MA's), (277, 8148), (291, 8163), (298, 8181), (299, 8184), (315, 8208), (324, 8226), (369, 8283), (371, 8286), (392, 8328), (407, 8355), (418, 8373), (432, 8400), (438, 8418), (439, 8421), (473, 8475), (514, 8559), (522, 8583), (534, 8604), (570, 8676), (584, 8706), (604, 8757), (646, 8838), (669, 8871), (801, 9033), (881, 9135), (901, 9162), (908, 9171), (996, 9282), (1063, 9345), (1139, 9456), (1142, 9465), (1205, 9546),

Gene: Stiles_2 Start: 373, Stop: 1959, Start Num: 167
Candidate Starts for Stiles_2:
(Start: 167 @373 has 4 MA's), (Start: 169 @376 has 6 MA's), (Start: 171 @382 has 84 MA's), (288, 553), (313, 631), (317, 640), (420, 814), (490, 916), (496, 925), (500, 931), (505, 940), (525, 1000), (547, 1048), (548, 1051), (613, 1114), (649, 1207), (807, 1429), (823, 1447), (863, 1492), (889, 1534), (918, 1570), (927, 1585), (946, 1612), (948, 1615), (959, 1630), (962, 1636), (990, 1663), (1001, 1678), (1024, 1726), (1058, 1774), (1115, 1849), (1166, 1924), (1196, 1948),

Gene: Stink_11 Start: 6849, Stop: 8546, Start Num: 95
Candidate Starts for Stink_11:
(Start: 95 @6849 has 435 MA's), (Start: 122 @6873 has 1 MA's), (Start: 258 @7035 has 2 MA's), (311, 7119), (408, 7302), (411, 7305), (432, 7344), (469, 7413), (479, 7437), (499, 7467), (510, 7503), (550, 7593), (620, 7758), (638, 7803), (661, 7845), (685, 7878), (740, 7944), (800, 8019), (812, 8043), (862, 8109), (901, 8148), (916, 8169), (985, 8265), (1168, 8502), (1193, 8532), (1196, 8535),

Gene: StolenFromERC_10 Start: 2509, Stop: 4179, Start Num: 272
Candidate Starts for StolenFromERC_10:
(Start: 272 @2509 has 48 MA's), (309, 2572), (435, 2806), (487, 2908), (570, 3088), (576, 3112), (585, 3130), (595, 3142), (616, 3205), (621, 3217), (642, 3262), (649, 3277), (700, 3355), (728, 3400), (759, 3454), (760, 3460), (814, 3574), (841, 3622), (910, 3718), (933, 3754), (1014, 3907), (1022, 3919), (1065, 3976), (1091, 4012), (1124, 4063), (1142, 4099), (1145, 4102), (1193, 4168),

Gene: Stoor_3 Start: 957, Stop: 2582, Start Num: 171
Candidate Starts for Stoor_3:
(Start: 171 @957 has 84 MA's), (278, 1113), (319, 1167), (342, 1221), (360, 1236), (398, 1305), (426, 1350), (464, 1404), (498, 1455), (500, 1458), (521, 1518), (531, 1536), (532, 1539), (542, 1566), (558, 1596), (628, 1758), (782, 1974), (829, 2049), (837, 2061), (1095, 2415), (1129, 2463),

Gene: Stratus_4 Start: 874, Stop: 2364, Start Num: 146
Candidate Starts for Stratus_4:
(Start: 146 @874 has 40 MA's), (181, 919), (255, 1021), (267, 1039), (274, 1048), (313, 1099), (315, 1102), (319, 1111), (330, 1141), (345, 1168), (415, 1267), (474, 1366), (486, 1390), (488, 1393), (491, 1396), (513, 1441), (650, 1675), (692, 1723), (694, 1735), (728, 1774), (748, 1792), (768, 1804), (770, 1807), (781, 1828), (785, 1834), (789, 1846), (838, 1924), (874, 1978), (930, 2032), (940, 2044), (970,

2089), (1005, 2137), (1081, 2221), (1125, 2278), (1175, 2347),

Gene: StrawberryLem_2 Start: 349, Stop: 1851, Start Num: 138
Candidate Starts for StrawberryLem_2:
(Start: 138 @349 has 4 MA's), (157, 373), (255, 508), (264, 520), (267, 526), (274, 535), (319, 598), (330, 628), (334, 637), (345, 655), (415, 754), (422, 766), (437, 799), (488, 880), (513, 928), (551, 1009), (642, 1144), (692, 1210), (694, 1222), (722, 1255), (748, 1279), (838, 1411), (861, 1438), (940, 1531), (1002, 1615), (1005, 1624), (1081, 1708), (1095, 1723), (1134, 1783), (1153, 1813),

Gene: Strokeseat_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for Strokeseat_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (Start: 158 @629 has 2 MA's), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (244, 758), (312, 845), (352, 905), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (1006, 1946), (1014, 1964), (1024, 1979), (1069, 2006), (1094, 2039), (1107, 2060), (1112, 2066), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: Stromboli_3 Start: 957, Stop: 2582, Start Num: 171
Candidate Starts for Stromboli_3:
(Start: 171 @957 has 84 MA's), (278, 1113), (319, 1167), (342, 1221), (360, 1236), (398, 1305), (426, 1350), (464, 1404), (498, 1455), (500, 1458), (521, 1518), (531, 1536), (532, 1539), (542, 1566), (558, 1596), (628, 1758), (782, 1974), (829, 2049), (837, 2061), (1095, 2415), (1129, 2463),

Gene: Strosahl_14 Start: 6647, Stop: 8344, Start Num: 96
Candidate Starts for Strosahl_14:
(Start: 96 @6647 has 243 MA's), (Start: 118 @6665 has 1 MA's), (253, 6827), (381, 7052), (411, 7106), (469, 7214), (480, 7241), (510, 7304), (518, 7328), (812, 7844), (862, 7907), (904, 7949), (985, 8063), (1081, 8168), (1168, 8300), (1191, 8327), (1193, 8330), (1196, 8333),

Gene: StuartMinion_2 Start: 373, Stop: 1995, Start Num: 149
Candidate Starts for StuartMinion_2:
(Start: 134 @352 has 16 MA's), (Start: 149 @373 has 162 MA's), (Start: 246 @514 has 12 MA's), (313, 604), (319, 616), (333, 652), (342, 670), (394, 748), (464, 853), (500, 907), (505, 916), (521, 967), (534, 991), (548, 1027), (559, 1048), (589, 1123), (628, 1207), (780, 1423), (787, 1435), (798, 1462), (829, 1501), (834, 1507), (862, 1546), (903, 1585), (923, 1618), (956, 1663), (1038, 1780), (1057, 1816), (1072, 1834), (1125, 1903), (1129, 1909), (1144, 1930), (1187, 1981), (1190, 1984),

Gene: Stuu_2 Start: 594, Stop: 2282, Start Num: 119
Candidate Starts for Stuu_2:
(Start: 119 @594 has 16 MA's), (295, 795), (373, 939), (411, 1008), (456, 1095), (482, 1149), (509, 1188), (570, 1323), (608, 1425), (773, 1647), (800, 1698), (959, 1917), (985, 1953), (997, 1968), (1142, 2193), (1150, 2205), (1165, 2220), (1204, 2271),

Gene: SuMoo_2 Start: 632, Stop: 2350, Start Num: 93
Candidate Starts for SuMoo_2:
(Start: 93 @632 has 92 MA's), (373, 1004), (400, 1055), (411, 1073), (482, 1223), (513, 1277), (550, 1355), (574, 1403), (773, 1718), (852, 1853), (985, 2024), (997, 2039), (1060, 2138), (1105, 2204), (1150, 2276),

Gene: Subaru_2 Start: 534, Stop: 2240, Start Num: 95

Candidate Starts for Subaru_2:
(Start: 95 @534 has 435 MA's), (Start: 191 @621 has 2 MA's), (379, 906), (411, 963), (422, 984), (436, 1011), (482, 1101), (513, 1155), (532, 1200), (570, 1275), (635, 1404), (687, 1488), (710, 1527), (800, 1650), (929, 1830), (954, 1863), (985, 1905), (997, 1920), (1081, 2055), (1105, 2091), (1142, 2151), (1150, 2163),

Gene: Success_50 Start: 25807, Stop: 27369, Start Num: 141
Candidate Starts for Success_50:
(Start: 141 @25807 has 2 MA's), (Start: 271 @25960 has 3 MA's), (400, 26191), (403, 26197), (411, 26209), (437, 26260), (482, 26356), (513, 26410), (514, 26413), (566, 26524), (697, 26752), (800, 26863), (806, 26875), (998, 27109), (1016, 27145), (1142, 27289), (1178, 27334), (1195, 27358),

Gene: Sudan_6 Start: 2505, Stop: 4151, Start Num: 73
Candidate Starts for Sudan_6:
(Start: 68 @2496 has 2 MA's), (Start: 73 @2505 has 95 MA's), (Start: 74 @2508 has 1 MA's), (Start: 86 @2523 has 10 MA's), (283, 2727), (300, 2763), (326, 2808), (378, 2901), (386, 2916), (400, 2943), (405, 2952), (413, 2964), (458, 3051), (480, 3099), (510, 3147), (556, 3246), (580, 3285), (638, 3399), (647, 3420), (673, 3459), (743, 3540), (800, 3609), (803, 3615), (811, 3630), (852, 3693), (957, 3825), (985, 3867), (1003, 3894), (1010, 3912), (1072, 3960), (1142, 4068),

Gene: Sue2_2 Start: 539, Stop: 2245, Start Num: 101
Candidate Starts for Sue2_2:
(12, 230), (13, 233), (16, 242), (54, 461), (Start: 101 @539 has 7 MA's), (411, 968), (432, 1010), (482, 1106), (499, 1130), (532, 1205), (560, 1265), (570, 1280), (710, 1532), (800, 1655), (806, 1667), (901, 1793), (916, 1814), (985, 1910), (997, 1925), (1142, 2156), (1150, 2168),

Gene: Sujidade_7 Start: 2672, Stop: 4318, Start Num: 73
Candidate Starts for Sujidade_7:
(Start: 73 @2672 has 95 MA's), (Start: 86 @2690 has 10 MA's), (283, 2894), (300, 2930), (400, 3110), (413, 3131), (458, 3218), (497, 3290), (510, 3314), (556, 3413), (565, 3428), (580, 3452), (581, 3458), (673, 3626), (800, 3776), (811, 3797), (869, 3887), (959, 3995), (985, 4034), (1001, 4055), (1003, 4061), (1010, 4079), (1142, 4235),

Gene: Sukkupi_26 Start: 11957, Stop: 13684, Start Num: 111
Candidate Starts for Sukkupi_26:
(Start: 111 @11957 has 202 MA's), (222, 12107), (247, 12158), (299, 12233), (303, 12242), (359, 12365), (369, 12383), (514, 12665), (523, 12692), (604, 12860), (608, 12872), (675, 12983), (818, 13166), (893, 13280), (901, 13295), (922, 13328), (988, 13403), (1112, 13547), (1139, 13589), (1157, 13619), (1186, 13661),

Gene: Sultana_11 Start: 6885, Stop: 8582, Start Num: 95
Candidate Starts for Sultana_11:
(Start: 95 @6885 has 435 MA's), (Start: 122 @6909 has 1 MA's), (Start: 207 @7032 has 2 MA's), (293, 7122), (311, 7155), (362, 7254), (408, 7338), (411, 7341), (432, 7380), (469, 7449), (479, 7473), (510, 7539), (550, 7629), (620, 7794), (661, 7881), (685, 7914), (740, 7980), (798, 8052), (800, 8055), (812, 8079), (852, 8130), (862, 8145), (901, 8184), (916, 8205), (985, 8301), (1168, 8538), (1193, 8568), (1196, 8571),

Gene: SummitAcademy_3 Start: 977, Stop: 2653, Start Num: 143
Candidate Starts for SummitAcademy_3:
(Start: 143 @977 has 83 MA's), (Start: 191 @1028 has 2 MA's), (205, 1049), (254, 1094), (283, 1136), (300, 1172), (334, 1238), (386, 1334), (405, 1370), (411, 1379), (413, 1382), (434, 1430), (438, 1442), (482, 1529), (574, 1709), (598, 1763), (641, 1886), (678, 1943), (697, 1976), (776, 2042), (803, 2108),

(806, 2114), (862, 2198), (929, 2279), (954, 2312), (1003, 2381), (1081, 2459), (1083, 2462), (1145, 2558), (1165, 2579), (1168, 2585), (1213, 2639), (1214, 2642),

Gene: Sumter_10 Start: 6565, Stop: 8253, Start Num: 95
Candidate Starts for Sumter_10:
(Start: 95 @6565 has 435 MA's), (311, 6829), (323, 6853), (411, 7015), (430, 7048), (469, 7123), (510, 7213), (518, 7237), (534, 7264), (553, 7312), (591, 7381), (620, 7468), (644, 7528), (813, 7753), (819, 7762), (832, 7774), (862, 7816), (882, 7837), (908, 7864), (985, 7972), (1070, 8062), (1139, 8167),

Gene: Sunhee_11 Start: 6558, Stop: 8312, Start Num: 96
Candidate Starts for Sunhee_11:
(Start: 96 @6558 has 243 MA's), (Start: 120 @6576 has 11 MA's), (Start: 182 @6663 has 15 MA's), (193, 6678), (200, 6687), (231, 6753), (248, 6783), (250, 6786), (283, 6837), (408, 7068), (411, 7071), (469, 7182), (479, 7206), (510, 7272), (518, 7296), (550, 7362), (584, 7428), (622, 7536), (659, 7611), (737, 7713), (800, 7788), (806, 7800), (812, 7812), (813, 7815), (817, 7821), (862, 7875), (985, 8031), (1024, 8100), (1168, 8268), (1191, 8295), (1199, 8304),

Gene: SunkenRoot_6 Start: 2568, Stop: 4214, Start Num: 73
Candidate Starts for SunkenRoot_6:
(Start: 68 @2559 has 2 MA's), (Start: 73 @2568 has 95 MA's), (Start: 74 @2571 has 1 MA's), (Start: 86 @2586 has 10 MA's), (150, 2640), (Start: 167 @2664 has 4 MA's), (283, 2790), (326, 2871), (378, 2964), (386, 2979), (400, 3006), (405, 3015), (413, 3027), (458, 3114), (480, 3162), (510, 3210), (556, 3309), (580, 3348), (638, 3462), (647, 3483), (673, 3522), (800, 3672), (803, 3678), (811, 3693), (817, 3705), (852, 3756), (901, 3810), (957, 3888), (959, 3891), (985, 3930), (1003, 3957), (1010, 3975), (1072, 4023), (1142, 4131),

Gene: Sunny4976_8 Start: 3738, Stop: 5486, Start Num: 187
Candidate Starts for Sunny4976_8:
(Start: 174 @3720 has 5 MA's), (Start: 187 @3738 has 203 MA's), (231, 3795), (254, 3837), (413, 4134), (430, 4170), (444, 4212), (454, 4233), (492, 4302), (503, 4326), (530, 4404), (533, 4410), (578, 4518), (604, 4590), (618, 4626), (634, 4665), (644, 4689), (704, 4794), (726, 4818), (778, 4902), (803, 4950), (868, 5016), (871, 5022), (879, 5040), (929, 5103), (931, 5106), (952, 5142), (1045, 5277), (1051, 5286), (1055, 5295), (1059, 5310), (1071, 5334), (1080, 5346), (1114, 5394), (1136, 5436), (1139, 5439),

Gene: SunnyD_2 Start: 648, Stop: 2282, Start Num: 171
Candidate Starts for SunnyD_2:
(Start: 171 @648 has 84 MA's), (233, 738), (252, 765), (342, 912), (398, 996), (426, 1041), (457, 1086), (464, 1095), (498, 1146), (521, 1209), (542, 1257), (558, 1287), (567, 1302), (599, 1383), (780, 1671), (1095, 2115), (1129, 2163), (1215, 2271),

Gene: SunsetPointe_6 Start: 2419, Stop: 4047, Start Num: 86
Candidate Starts for SunsetPointe_6:
(Start: 73 @2401 has 95 MA's), (Start: 86 @2419 has 10 MA's), (283, 2623), (326, 2704), (400, 2839), (413, 2860), (458, 2947), (497, 3019), (510, 3043), (556, 3142), (584, 3196), (638, 3295), (673, 3355), (806, 3517), (811, 3526), (869, 3616), (901, 3643), (957, 3721), (959, 3724), (985, 3763), (1001, 3784), (1003, 3790), (1010, 3808), (1105, 3904), (1142, 3964),

Gene: Sunshine924_10 Start: 6548, Stop: 8236, Start Num: 95
Candidate Starts for Sunshine924_10:
(Start: 95 @6548 has 435 MA's), (311, 6812), (323, 6836), (411, 6998), (430, 7031), (469, 7106), (499, 7160), (510, 7196), (518, 7220), (534, 7247), (553, 7295), (591, 7364), (620, 7451), (644, 7511), (819, 7745), (832, 7757), (862, 7799), (882, 7820), (908, 7847), (985, 7955), (1070, 8045), (1139, 8150),

Gene: Supakev_2 Start: 428, Stop: 1993, Start Num: 129
Candidate Starts for Supakev_2:
(Start: 129 @428 has 79 MA's), (Start: 245 @599 has 2 MA's), (313, 692), (317, 701), (330, 734), (342, 758), (364, 782), (394, 836), (455, 947), (464, 965), (496, 1013), (500, 1019), (521, 1079), (548, 1139), (564, 1169), (637, 1268), (764, 1442), (768, 1451), (787, 1487), (789, 1493), (806, 1529), (837, 1565), (895, 1634), (897, 1637), (907, 1643), (1024, 1784), (1095, 1859), (1151, 1940), (1192, 1979),

Gene: SuperAwesome_15 Start: 7523, Stop: 9277, Start Num: 96
Candidate Starts for SuperAwesome_15:
(Start: 96 @7523 has 243 MA's), (250, 7754), (283, 7805), (300, 7841), (339, 7916), (411, 8039), (432, 8078), (469, 8147), (479, 8171), (480, 8174), (510, 8237), (518, 8261), (583, 8390), (584, 8393), (623, 8504), (732, 8666), (800, 8753), (806, 8765), (812, 8777), (862, 8840), (901, 8879), (916, 8900), (979, 8984), (985, 8996), (1168, 9233), (1191, 9260), (1193, 9263),

Gene: SuperCallie99_15 Start: 7524, Stop: 9278, Start Num: 96
Candidate Starts for SuperCallie99_15:
(Start: 96 @7524 has 243 MA's), (250, 7755), (283, 7806), (300, 7842), (339, 7917), (411, 8040), (432, 8079), (469, 8148), (479, 8172), (480, 8175), (510, 8238), (518, 8262), (570, 8361), (571, 8364), (583, 8391), (584, 8394), (740, 8679), (806, 8766), (812, 8778), (862, 8841), (901, 8880), (916, 8901), (979, 8985), (985, 8997), (1168, 9234), (1191, 9261), (1193, 9264),

Gene: SuperGrey_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for SuperGrey_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: SuperHands_2 Start: 640, Stop: 2394, Start Num: 93
Candidate Starts for SuperHands_2:
(Start: 93 @640 has 92 MA's), (Start: 119 @664 has 16 MA's), (373, 1006), (400, 1057), (411, 1075), (453, 1168), (482, 1225), (687, 1648), (800, 1810), (803, 1816), (929, 1990), (985, 2065), (997, 2080), (1053, 2161), (1133, 2284), (1142, 2305), (1150, 2317),

Gene: SuperSulley_25 Start: 12984, Stop: 14714, Start Num: 111
Candidate Starts for SuperSulley_25:
(Start: 111 @12984 has 202 MA's), (Start: 115 @12990 has 2 MA's), (222, 13134), (247, 13185), (251, 13191), (Start: 272 @13218 has 48 MA's), (281, 13230), (299, 13260), (315, 13284), (324, 13302), (514, 13695), (523, 13722), (604, 13890), (608, 13902), (621, 13935), (675, 14013), (839, 14229), (855, 14259), (893, 14310), (922, 14358), (988, 14433), (996, 14445), (1013, 14481), (1139, 14619), (1157, 14649),

Gene: Superchunk_11 Start: 6158, Stop: 7942, Start Num: 96
Candidate Starts for Superchunk_11:
(Start: 96 @6158 has 243 MA's), (250, 6389), (300, 6476), (386, 6629), (408, 6671), (411, 6674), (469, 6785), (479, 6809), (480, 6812), (510, 6875), (518, 6899), (584, 7031), (817, 7451), (901, 7544), (916, 7565), (979, 7649), (985, 7661), (1083, 7769), (1168, 7898), (1191, 7925), (1193, 7928),

Gene: Superstar_8 Start: 3315, Stop: 4961, Start Num: 73
Candidate Starts for Superstar_8:
(Start: 73 @3315 has 95 MA's), (311, 3585), (329, 3627), (378, 3711), (400, 3753), (413, 3774), (458, 3861), (497, 3933), (510, 3957), (556, 4056), (574, 4092), (584, 4110), (647, 4230), (648, 4233), (673, 4269), (811, 4440), (817, 4452), (901, 4557), (959, 4638), (985, 4677), (1001, 4698), (1010, 4722), (1142, 4878),

Gene: Suppi_5 Start: 3104, Stop: 4672, Start Num: 129
Candidate Starts for Suppi_5:
(Start: 129 @3104 has 79 MA's), (252, 3290), (Start: 272 @3320 has 48 MA's), (313, 3371), (319, 3383), (330, 3413), (338, 3428), (364, 3461), (425, 3563), (464, 3644), (496, 3692), (521, 3758), (542, 3806), (547, 3815), (550, 3821), (615, 3890), (625, 3917), (637, 3947), (655, 3986), (787, 4166), (834, 4238), (861, 4274), (939, 4370), (1008, 4436), (1043, 4466), (1046, 4472), (1095, 4538), (1192, 4658),

Gene: Survivors_6 Start: 1843, Stop: 3543, Start Num: 143
Candidate Starts for Survivors_6:
(Start: 143 @1843 has 83 MA's), (Start: 167 @1873 has 4 MA's), (205, 1915), (300, 2053), (327, 2101), (341, 2131), (362, 2164), (378, 2200), (386, 2215), (392, 2230), (411, 2260), (434, 2311), (482, 2410), (497, 2431), (532, 2500), (550, 2542), (568, 2572), (623, 2719), (642, 2770), (685, 2833), (697, 2857), (775, 2923), (789, 2956), (796, 2980), (798, 2983), (803, 2992), (813, 3013), (834, 3040), (862, 3085), (869, 3097), (879, 3103), (901, 3124), (926, 3163), (1001, 3262), (1016, 3298), (1110, 3385), (1165, 3466), (1168, 3472), (1213, 3529), (1214, 3532),

Gene: Suscepit_2 Start: 498, Stop: 2222, Start Num: 201
Candidate Starts for Suscepit_2:
(Start: 190 @483 has 1 MA's), (Start: 201 @498 has 43 MA's), (259, 588), (393, 828), (397, 834), (411, 858), (438, 915), (476, 987), (571, 1185), (590, 1227), (596, 1233), (626, 1317), (641, 1344), (711, 1455), (725, 1482), (826, 1659), (999, 1932), (1001, 1935), (1003, 1941), (1011, 1962), (1034, 2001), (1066, 2049), (1073, 2058), (1091, 2082), (1114, 2100), (1145, 2157), (1194, 2214),

Gene: SushiChef_2 Start: 498, Stop: 2222, Start Num: 201
Candidate Starts for SushiChef_2:
(Start: 190 @483 has 1 MA's), (Start: 201 @498 has 43 MA's), (259, 588), (383, 804), (393, 828), (397, 834), (411, 858), (438, 915), (476, 987), (571, 1185), (590, 1227), (596, 1233), (626, 1317), (641, 1344), (711, 1455), (725, 1482), (826, 1659), (999, 1932), (1001, 1935), (1003, 1941), (1011, 1962), (1034, 2001), (1066, 2049), (1073, 2058), (1091, 2082), (1114, 2100), (1145, 2157), (1194, 2214),

Gene: SwagPigglett_2 Start: 573, Stop: 2210, Start Num: 111
Candidate Starts for SwagPigglett_2:
(Start: 111 @573 has 202 MA's), (Start: 118 @582 has 1 MA's), (Start: 129 @597 has 79 MA's), (147, 618), (Start: 185 @654 has 2 MA's), (188, 657), (200, 675), (224, 720), (244, 759), (312, 846), (352, 906), (377, 930), (381, 939), (383, 942), (392, 963), (404, 984), (415, 999), (440, 1056), (461, 1095), (502, 1164), (505, 1170), (514, 1200), (515, 1203), (518, 1212), (523, 1227), (534, 1245), (557, 1296), (601, 1389), (604, 1398), (711, 1569), (726, 1581), (800, 1665), (816, 1695), (818, 1698), (820, 1701), (869, 1758), (884, 1773), (889, 1779), (893, 1782), (901, 1797), (908, 1806), (934, 1845), (957, 1875), (982, 1905), (988, 1914), (1006, 1947), (1024, 1980), (1069, 2007), (1094, 2040), (1114, 2070), (1127, 2091), (1139, 2115), (1142, 2124), (1145, 2127), (1184, 2184),

Gene: Swann_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Swann_8:
(Start: 104 @3156 has 36 MA's), (Start: 258 @3342 has 2 MA's), (300, 3414), (311, 3426), (323, 3450), (327, 3462), (411, 3615), (420, 3630), (449, 3690), (510, 3798), (534, 3855), (618, 4053), (623, 4071),

(647, 4125), (778, 4269), (798, 4308), (800, 4311), (817, 4344), (869, 4413), (985, 4557), (1010, 4602), (1081, 4662), (1142, 4761), (1168, 4794), (1191, 4821), (1193, 4824), (1196, 4827),

Gene: SweatNTears_6 Start: 1637, Stop: 3316, Start Num: 143
Candidate Starts for SweatNTears_6:
(Start: 143 @1637 has 83 MA's), (Start: 191 @1688 has 2 MA's), (205, 1709), (252, 1748), (300, 1835), (326, 1880), (334, 1901), (339, 1910), (378, 1982), (405, 2033), (411, 2042), (434, 2093), (482, 2192), (532, 2282), (598, 2426), (609, 2462), (623, 2501), (635, 2534), (661, 2582), (697, 2639), (738, 2672), (776, 2705), (803, 2771), (806, 2777), (852, 2843), (859, 2855), (929, 2942), (1001, 3038), (1047, 3086), (1110, 3161), (1165, 3242), (1213, 3302), (1214, 3305),

Gene: SweetCrkHerbs_15 Start: 7689, Stop: 9434, Start Num: 187
Candidate Starts for SweetCrkHerbs_15:
(Start: 187 @7689 has 203 MA's), (195, 7695), (252, 7782), (254, 7788), (274, 7824), (302, 7878), (353, 7974), (444, 8163), (451, 8181), (454, 8184), (492, 8253), (530, 8355), (545, 8391), (555, 8412), (570, 8436), (604, 8541), (630, 8607), (644, 8640), (647, 8646), (665, 8676), (680, 8697), (726, 8769), (868, 8964), (910, 9021), (916, 9030), (929, 9051), (931, 9054), (968, 9114), (1060, 9261), (1071, 9282), (1080, 9294), (1112, 9339), (1136, 9384), (1139, 9387),

Gene: Sweetclover_13 Start: 7366, Stop: 9132, Start Num: 184
Candidate Starts for Sweetclover_13:
(106, 7252), (Start: 184 @7366 has 4 MA's), (Start: 189 @7372 has 2 MA's), (195, 7375), (254, 7468), (382, 7708), (399, 7744), (413, 7768), (429, 7801), (444, 7846), (454, 7867), (503, 7960), (530, 8038), (555, 8095), (582, 8164), (604, 8224), (622, 8275), (644, 8323), (682, 8386), (685, 8395), (726, 8452), (771, 8536), (778, 8548), (876, 8680), (913, 8722), (916, 8728), (929, 8749), (931, 8752), (992, 8845), (1071, 8980), (1080, 8992), (1114, 9040), (1133, 9073), (1139, 9085),

Gene: SweetiePie_12 Start: 7386, Stop: 9173, Start Num: 96
Candidate Starts for SweetiePie_12:
(Start: 96 @7386 has 243 MA's), (179, 7494), (193, 7515), (250, 7623), (292, 7683), (339, 7785), (408, 7905), (411, 7908), (469, 8016), (510, 8106), (518, 8130), (580, 8247), (584, 8262), (733, 8562), (869, 8748), (901, 8775), (916, 8796), (985, 8892), (1168, 9129), (1191, 9156), (1193, 9159),

Gene: Swenson_4 Start: 923, Stop: 2413, Start Num: 146
Candidate Starts for Swenson_4:
(Start: 146 @923 has 40 MA's), (181, 968), (255, 1070), (274, 1097), (313, 1148), (319, 1160), (330, 1190), (337, 1202), (345, 1217), (390, 1283), (422, 1328), (474, 1415), (486, 1439), (488, 1442), (491, 1445), (513, 1490), (521, 1514), (525, 1523), (562, 1589), (612, 1652), (616, 1664), (642, 1706), (650, 1724), (694, 1784), (748, 1841), (768, 1853), (781, 1877), (789, 1895), (838, 1973), (874, 2027), (930, 2081), (940, 2093), (945, 2102), (1002, 2177), (1005, 2186), (1018, 2213), (1081, 2270), (1122, 2324), (1175, 2396),

Gene: Swervy_3 Start: 676, Stop: 2304, Start Num: 171
Candidate Starts for Swervy_3:
(Start: 171 @676 has 84 MA's), (278, 832), (342, 940), (398, 1024), (415, 1048), (464, 1123), (498, 1174), (500, 1177), (521, 1237), (531, 1255), (542, 1285), (558, 1315), (829, 1771), (838, 1786), (1095, 2137), (1215, 2293),

Gene: SwirlSquare_13 Start: 6290, Stop: 8074, Start Num: 96
Candidate Starts for SwirlSquare_13:
(Start: 96 @6290 has 243 MA's), (250, 6521), (300, 6608), (386, 6761), (408, 6803), (411, 6806), (469, 6917), (510, 7007), (518, 7031), (584, 7163), (591, 7175), (901, 7676), (916, 7697), (979, 7781), (985, 7793), (1083, 7901), (1168, 8030), (1191, 8057), (1193, 8060),

Gene: Swirley_9 Start: 6131, Stop: 7909, Start Num: 52
Candidate Starts for Swirley_9:
(Start: 52 @6131 has 23 MA's), (Start: 63 @6158 has 32 MA's), (112, 6227), (196, 6341), (200, 6347), (300, 6479), (339, 6554), (341, 6557), (362, 6590), (381, 6623), (439, 6731), (449, 6755), (469, 6788), (510, 6863), (526, 6908), (565, 6986), (570, 6992), (591, 7037), (632, 7157), (647, 7190), (661, 7211), (800, 7385), (812, 7409), (813, 7412), (862, 7472), (869, 7484), (901, 7511), (916, 7532), (979, 7616), (985, 7628), (1168, 7865), (1196, 7898), (1202, 7904),

Gene: SwissCheese_11 Start: 7010, Stop: 8698, Start Num: 95
Candidate Starts for SwissCheese_11:
(Start: 95 @7010 has 435 MA's), (Start: 258 @7190 has 2 MA's), (311, 7274), (327, 7310), (411, 7460), (469, 7568), (510, 7658), (518, 7682), (553, 7757), (591, 7826), (620, 7913), (644, 7973), (819, 8207), (832, 8219), (862, 8261), (882, 8282), (908, 8309), (985, 8417), (1070, 8507), (1139, 8612),

Gene: Switzer_12 Start: 6933, Stop: 8621, Start Num: 95
Candidate Starts for Switzer_12:
(Start: 95 @6933 has 435 MA's), (311, 7197), (323, 7221), (394, 7356), (411, 7383), (430, 7416), (469, 7491), (510, 7581), (518, 7605), (534, 7632), (553, 7680), (591, 7749), (620, 7836), (642, 7893), (644, 7896), (813, 8121), (819, 8130), (832, 8142), (862, 8184), (882, 8205), (908, 8232), (985, 8340), (1070, 8430), (1139, 8535),

Gene: Switzerland_14 Start: 6808, Stop: 8505, Start Num: 96
Candidate Starts for Switzerland_14:
(Start: 96 @6808 has 243 MA's), (Start: 118 @6826 has 1 MA's), (253, 6988), (339, 7144), (381, 7213), (411, 7267), (469, 7375), (480, 7402), (510, 7465), (518, 7489), (812, 8005), (862, 8068), (904, 8110), (985, 8224), (1081, 8329), (1168, 8461), (1191, 8488), (1193, 8491), (1196, 8494),

Gene: Swole_13 Start: 7479, Stop: 9167, Start Num: 95
Candidate Starts for Swole_13:
(Start: 95 @7479 has 435 MA's), (Start: 258 @7659 has 2 MA's), (311, 7743), (327, 7779), (339, 7806), (411, 7929), (469, 8037), (510, 8127), (518, 8151), (534, 8178), (553, 8226), (620, 8382), (644, 8442), (819, 8676), (832, 8688), (862, 8730), (882, 8751), (908, 8778), (985, 8886), (1070, 8976), (1139, 9081),

Gene: SydNat_9 Start: 6265, Stop: 8016, Start Num: 63
Candidate Starts for SydNat_9:
(Start: 52 @6238 has 23 MA's), (Start: 63 @6265 has 32 MA's), (112, 6334), (139, 6373), (196, 6448), (200, 6454), (300, 6586), (339, 6661), (341, 6664), (381, 6730), (439, 6838), (449, 6862), (510, 6970), (526, 7015), (565, 7093), (570, 7099), (571, 7102), (632, 7264), (635, 7270), (647, 7297), (800, 7492), (812, 7516), (862, 7579), (869, 7591), (901, 7618), (916, 7639), (954, 7693), (979, 7723), (985, 7735), (1168, 7972), (1196, 8005), (1202, 8011),

Gene: Syleon_13 Start: 5040, Stop: 6515, Start Num: 176
Candidate Starts for Syleon_13:
(Start: 176 @5040 has 8 MA's), (281, 5187), (313, 5226), (319, 5238), (390, 5361), (392, 5367), (439, 5448), (464, 5502), (466, 5505), (500, 5562), (516, 5604), (520, 5616), (532, 5640), (540, 5664), (572, 5706), (699, 5886), (738, 5928), (788, 6009), (804, 6054), (822, 6078), (861, 6123), (912, 6183), (964, 6246), (968, 6252), (1013, 6324), (1024, 6342), (1049, 6360), (1134, 6459), (1146, 6477), (1173, 6507),

Gene: Synepsis_6 Start: 3714, Stop: 5453, Start Num: 187
Candidate Starts for Synepsis_6:

(Start: 187 @3714 has 203 MA's), (254, 3813), (322, 3933), (376, 4032), (395, 4074), (413, 4104), (427, 4134), (444, 4182), (454, 4203), (506, 4305), (530, 4374), (539, 4398), (604, 4560), (634, 4635), (644, 4659), (726, 4788), (778, 4869), (868, 4983), (876, 5001), (879, 5007), (929, 5070), (931, 5073), (1055, 5262), (1059, 5277), (1061, 5283), (1071, 5301), (1080, 5313), (1136, 5403), (1139, 5406),

Gene: TBrady12_10 Start: 2509, Stop: 4179, Start Num: 272
Candidate Starts for TBrady12_10:
(Start: 272 @2509 has 48 MA's), (309, 2572), (435, 2806), (487, 2908), (570, 3088), (576, 3112), (585, 3130), (595, 3142), (616, 3205), (621, 3217), (642, 3262), (649, 3277), (700, 3355), (728, 3400), (759, 3454), (760, 3460), (814, 3574), (841, 3622), (910, 3718), (922, 3739), (933, 3754), (1014, 3907), (1022, 3919), (1065, 3976), (1091, 4012), (1124, 4063), (1142, 4099), (1145, 4102), (1193, 4168),

Gene: TChen_2 Start: 458, Stop: 2236, Start Num: 71
Candidate Starts for TChen_2:
(Start: 71 @458 has 22 MA's), (Start: 114 @509 has 11 MA's), (131, 530), (150, 560), (155, 566), (165, 581), (217, 632), (Start: 271 @695 has 3 MA's), (Start: 280 @707 has 2 MA's), (300, 743), (327, 791), (333, 806), (339, 818), (342, 824), (377, 881), (378, 884), (381, 890), (389, 905), (398, 923), (400, 926), (411, 944), (482, 1085), (495, 1103), (510, 1130), (518, 1154), (532, 1187), (571, 1265), (604, 1355), (607, 1364), (613, 1379), (647, 1421), (648, 1424), (678, 1466), (685, 1475), (697, 1499), (745, 1541), (748, 1544), (778, 1568), (798, 1607), (800, 1610), (807, 1625), (817, 1643), (819, 1646), (874, 1727), (884, 1742), (887, 1745), (894, 1757), (919, 1796), (954, 1847), (959, 1853), (979, 1889), (985, 1901), (1000, 1925), (1011, 1952), (1016, 1961), (1018, 1964), (1072, 2036), (1105, 2084), (1113, 2090), (1133, 2123), (1135, 2129), (1139, 2135), (1141, 2141), (1142, 2144), (1150, 2156), (1167, 2174), (1181, 2195), (1195, 2213), (1206, 2225),

Gene: TDanisky_2 Start: 588, Stop: 2225, Start Num: 111
Candidate Starts for TDanisky_2:
(Start: 111 @588 has 202 MA's), (Start: 125 @603 has 1 MA's), (Start: 129 @612 has 79 MA's), (133, 618), (Start: 158 @645 has 2 MA's), (Start: 185 @669 has 2 MA's), (188, 672), (224, 735), (230, 753), (244, 774), (312, 861), (315, 867), (352, 921), (369, 933), (377, 945), (381, 954), (383, 957), (392, 978), (404, 999), (440, 1071), (461, 1110), (502, 1179), (505, 1185), (514, 1215), (515, 1218), (518, 1227), (523, 1242), (534, 1260), (557, 1311), (604, 1413), (711, 1584), (726, 1596), (800, 1680), (816, 1710), (818, 1713), (820, 1716), (869, 1773), (884, 1788), (889, 1794), (893, 1797), (901, 1812), (908, 1821), (957, 1890), (982, 1920), (988, 1929), (1006, 1962), (1024, 1995), (1069, 2022), (1094, 2055), (1112, 2082), (1114, 2085), (1127, 2106), (1139, 2130), (1142, 2139), (1145, 2142), (1184, 2199),

Gene: TG1_2 Start: 587, Stop: 2161, Start Num: 271
Candidate Starts for TG1_2:
(Start: 271 @587 has 3 MA's), (352, 734), (411, 824), (435, 872), (439, 884), (475, 953), (487, 977), (504, 1007), (513, 1028), (528, 1061), (590, 1190), (596, 1196), (683, 1355), (744, 1466), (763, 1499), (797, 1553), (799, 1556), (835, 1625), (872, 1682), (974, 1835), (984, 1856), (1021, 1919), (1084, 2006), (1088, 2012), (1099, 2024), (1117, 2036), (1118, 2039), (1163, 2111),

Gene: TNguyen7_11 Start: 6466, Stop: 8163, Start Num: 95
Candidate Starts for TNguyen7_11:
(Start: 95 @6466 has 435 MA's), (Start: 122 @6490 has 1 MA's), (152, 6538), (311, 6736), (339, 6799), (403, 6910), (411, 6922), (432, 6961), (438, 6973), (469, 7030), (479, 7054), (510, 7120), (513, 7129), (550, 7210), (565, 7237), (620, 7375), (661, 7462), (685, 7495), (740, 7561), (800, 7636), (812, 7660), (813, 7663), (817, 7669), (825, 7678), (852, 7711), (862, 7726), (916, 7786), (985, 7882), (1010, 7927), (1014, 7936), (1145, 8089), (1168, 8119), (1193, 8149), (1196, 8152),

Gene: TPA4_2 Start: 526, Stop: 2238, Start Num: 108
Candidate Starts for TPA4_2:

(57, 451), (Start: 69 @475 has 2 MA's), (87, 505), (Start: 108 @526 has 5 MA's), (127, 550), (Start: 158 @595 has 2 MA's), (217, 658), (295, 757), (300, 772), (347, 856), (365, 889), (371, 898), (411, 970), (450, 1048), (456, 1054), (495, 1126), (513, 1162), (536, 1219), (546, 1243), (778, 1585), (806, 1639), (817, 1660), (825, 1669), (869, 1738), (884, 1765), (887, 1768), (959, 1876), (979, 1909), (985, 1921), (1077, 2044), (1139, 2137), (1141, 2143), (1206, 2227),

Gene: TWAMP_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for TWAMP_8:
(Start: 104 @3156 has 36 MA's), (Start: 258 @3342 has 2 MA's), (300, 3414), (311, 3426), (323, 3450), (327, 3462), (411, 3615), (420, 3630), (449, 3690), (510, 3798), (534, 3855), (618, 4053), (623, 4071), (647, 4125), (778, 4269), (798, 4308), (800, 4311), (817, 4344), (869, 4413), (985, 4557), (1010, 4602), (1081, 4662), (1142, 4761), (1168, 4794), (1191, 4821), (1193, 4824), (1196, 4827),

Gene: TZGordon_9 Start: 3612, Stop: 5219, Start Num: 159
Candidate Starts for TZGordon_9:
(Start: 99 @3534 has 9 MA's), (Start: 159 @3612 has 6 MA's), (316, 3840), (333, 3882), (364, 3924), (378, 3945), (389, 3966), (464, 4104), (500, 4158), (534, 4242), (535, 4245), (536, 4248), (548, 4278), (681, 4485), (768, 4608), (811, 4695), (830, 4710), (838, 4725), (891, 4788), (939, 4848), (944, 4857), (971, 4899), (1013, 4974), (1014, 4977), (1046, 5010), (1095, 5076), (1130, 5127), (1195, 5205), (1206, 5211),

Gene: TagePhighter_7 Start: 2376, Stop: 4022, Start Num: 73
Candidate Starts for TagePhighter_7:
(Start: 73 @2376 has 95 MA's), (Start: 86 @2394 has 10 MA's), (Start: 207 @2526 has 2 MA's), (283, 2598), (300, 2634), (400, 2814), (413, 2835), (437, 2880), (458, 2922), (497, 2994), (510, 3018), (556, 3117), (565, 3132), (580, 3156), (581, 3162), (673, 3330), (719, 3390), (800, 3480), (811, 3501), (869, 3591), (959, 3699), (985, 3738), (1001, 3759), (1003, 3765), (1010, 3783), (1142, 3939), (1204, 4017),

Gene: TaidaOne_8 Start: 3146, Stop: 4891, Start Num: 187
Candidate Starts for TaidaOne_8:
(Start: 187 @3146 has 203 MA's), (229, 3200), (231, 3203), (252, 3239), (254, 3245), (380, 3479), (430, 3578), (444, 3620), (454, 3641), (476, 3683), (480, 3695), (522, 3794), (530, 3812), (545, 3848), (634, 4073), (644, 4097), (647, 4103), (726, 4226), (771, 4295), (863, 4412), (866, 4418), (876, 4439), (929, 4508), (931, 4511), (962, 4562), (1012, 4649), (1059, 4715), (1071, 4739), (1080, 4751), (1094, 4769), (1136, 4841), (1139, 4844),

Gene: Tailonex_9 Start: 6694, Stop: 8352, Start Num: 125
Candidate Starts for Tailonex_9:
(Start: 125 @6694 has 1 MA's), (Start: 207 @6814 has 2 MA's), (253, 6853), (311, 6946), (449, 7204), (458, 7216), (465, 7231), (482, 7267), (510, 7312), (518, 7336), (534, 7369), (584, 7474), (622, 7582), (635, 7612), (714, 7741), (929, 7996), (985, 8071), (1167, 8305),

Gene: Tairn4Wing_15 Start: 7494, Stop: 9239, Start Num: 187
Candidate Starts for Tairn4Wing_15:
(Start: 187 @7494 has 203 MA's), (195, 7500), (254, 7593), (274, 7629), (302, 7683), (353, 7779), (444, 7968), (451, 7986), (454, 7989), (492, 8058), (530, 8160), (545, 8196), (555, 8217), (570, 8241), (588, 8298), (604, 8346), (630, 8412), (644, 8445), (647, 8451), (665, 8481), (680, 8502), (726, 8574), (868, 8769), (916, 8835), (929, 8856), (931, 8859), (968, 8919), (1045, 9030), (1060, 9066), (1071, 9087), (1080, 9099), (1112, 9144), (1114, 9147), (1136, 9189), (1139, 9192),

Gene: Taj_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Taj_2:

(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Taj14_4 Start: 778, Stop: 2268, Start Num: 146
Candidate Starts for Taj14_4:
(Start: 146 @778 has 40 MA's), (181, 823), (255, 925), (274, 952), (313, 1003), (319, 1015), (330, 1045), (337, 1057), (345, 1072), (390, 1138), (422, 1183), (474, 1270), (486, 1294), (488, 1297), (491, 1300), (513, 1345), (521, 1369), (525, 1378), (612, 1507), (616, 1519), (650, 1579), (694, 1639), (748, 1696), (768, 1708), (789, 1750), (838, 1828), (874, 1882), (940, 1948), (945, 1957), (967, 1987), (1002, 2032), (1005, 2041), (1018, 2068), (1081, 2125), (1122, 2179), (1175, 2251),

Gene: Takoda_8 Start: 3148, Stop: 4830, Start Num: 104
Candidate Starts for Takoda_8:
(Start: 104 @3148 has 36 MA's), (Start: 258 @3334 has 2 MA's), (300, 3406), (311, 3418), (323, 3442), (327, 3454), (420, 3622), (449, 3682), (510, 3790), (618, 4045), (647, 4117), (648, 4120), (778, 4261), (800, 4303), (817, 4336), (862, 4393), (869, 4405), (985, 4549), (1010, 4594), (1081, 4654), (1142, 4753), (1168, 4786), (1191, 4813), (1193, 4816), (1196, 4819),

Gene: Tallboi_2 Start: 534, Stop: 2240, Start Num: 95
Candidate Starts for Tallboi_2:
(Start: 95 @534 has 435 MA's), (379, 906), (411, 963), (422, 984), (436, 1011), (482, 1101), (513, 1155), (532, 1200), (570, 1275), (687, 1488), (710, 1527), (800, 1650), (985, 1905), (997, 1920), (1081, 2055), (1105, 2091), (1142, 2151), (1150, 2163),

Gene: Talon44_14 Start: 7689, Stop: 9434, Start Num: 187
Candidate Starts for Talon44_14:
(Start: 187 @7689 has 203 MA's), (195, 7695), (252, 7782), (254, 7788), (274, 7824), (302, 7878), (353, 7974), (444, 8163), (451, 8181), (454, 8184), (492, 8253), (530, 8355), (545, 8391), (555, 8412), (570, 8436), (604, 8541), (630, 8607), (644, 8640), (647, 8646), (665, 8676), (680, 8697), (726, 8769), (868, 8964), (910, 9021), (916, 9030), (929, 9051), (931, 9054), (968, 9114), (1060, 9261), (1071, 9282), (1080, 9294), (1112, 9339), (1136, 9384), (1139, 9387),

Gene: Tanis_13 Start: 7063, Stop: 8808, Start Num: 187
Candidate Starts for Tanis_13:
(Start: 187 @7063 has 203 MA's), (195, 7069), (252, 7156), (254, 7162), (274, 7198), (302, 7252), (444, 7537), (451, 7555), (454, 7558), (492, 7627), (530, 7729), (545, 7765), (555, 7786), (570, 7810), (588, 7867), (604, 7915), (630, 7981), (644, 8014), (647, 8020), (665, 8050), (680, 8071), (726, 8143), (868, 8338), (916, 8404), (929, 8425), (931, 8428), (968, 8488), (1045, 8599), (1060, 8635), (1071, 8656), (1080, 8668), (1136, 8758), (1139, 8761),

Gene: Taquarus_11 Start: 6887, Stop: 8584, Start Num: 95
Candidate Starts for Taquarus_11:
(Start: 95 @6887 has 435 MA's), (Start: 122 @6911 has 1 MA's), (Start: 207 @7034 has 2 MA's), (293, 7124), (311, 7157), (362, 7256), (408, 7340), (411, 7343), (432, 7382), (469, 7451), (479, 7475), (510, 7541), (550, 7631), (620, 7796), (661, 7883), (685, 7916), (740, 7982), (798, 8054), (800, 8057), (812, 8081), (852, 8132), (862, 8147), (901, 8186), (916, 8207), (985, 8303), (1168, 8540), (1193, 8570),

(1196, 8573),

Gene: Target_13 Start: 7766, Stop: 9457, Start Num: 95
Candidate Starts for Target_13:
(Start: 95 @7766 has 435 MA's), (Start: 258 @7946 has 2 MA's), (311, 8030), (333, 8081), (411, 8216), (469, 8327), (479, 8351), (510, 8417), (518, 8441), (598, 8609), (642, 8729), (644, 8732), (800, 8930), (813, 8957), (867, 9029), (882, 9041), (904, 9062), (942, 9119), (985, 9176), (1070, 9266), (1072, 9269), (1142, 9380), (1145, 9383), (1168, 9413), (1193, 9443), (1196, 9446),

Gene: Tarnish_4 Start: 1276, Stop: 2952, Start Num: 143
Candidate Starts for Tarnish_4:
(Start: 143 @1276 has 83 MA's), (Start: 191 @1327 has 2 MA's), (205, 1348), (254, 1393), (300, 1471), (334, 1537), (386, 1633), (405, 1669), (411, 1678), (413, 1681), (434, 1729), (438, 1741), (482, 1828), (574, 2008), (598, 2062), (678, 2242), (697, 2275), (776, 2341), (803, 2407), (806, 2413), (862, 2497), (929, 2578), (954, 2611), (1003, 2680), (1081, 2758), (1145, 2857), (1165, 2878), (1168, 2884), (1213, 2938), (1214, 2941),

Gene: TarsusIV_12 Start: 7454, Stop: 9241, Start Num: 96
Candidate Starts for TarsusIV_12:
(Start: 96 @7454 has 243 MA's), (179, 7562), (193, 7583), (235, 7667), (250, 7691), (300, 7778), (329, 7832), (378, 7916), (408, 7973), (411, 7976), (469, 8084), (510, 8174), (518, 8198), (580, 8315), (584, 8330), (746, 8645), (800, 8717), (869, 8816), (901, 8843), (916, 8864), (985, 8960), (1168, 9197), (1193, 9227),

Gene: Tarynearal_8 Start: 6158, Stop: 7936, Start Num: 52
Candidate Starts for Tarynearal_8:
(Start: 52 @6158 has 23 MA's), (Start: 63 @6185 has 32 MA's), (112, 6254), (196, 6368), (200, 6374), (300, 6506), (339, 6581), (341, 6584), (362, 6617), (381, 6650), (439, 6758), (449, 6782), (469, 6815), (510, 6890), (526, 6935), (565, 7013), (570, 7019), (591, 7064), (647, 7217), (661, 7238), (800, 7412), (812, 7436), (813, 7439), (862, 7499), (869, 7511), (901, 7538), (916, 7559), (979, 7643), (985, 7655), (1168, 7892), (1196, 7925), (1202, 7931),

Gene: Tarzan_2 Start: 511, Stop: 2100, Start Num: 161
Candidate Starts for Tarzan_2:
(Start: 161 @511 has 13 MA's), (252, 646), (254, 652), (316, 733), (330, 769), (364, 817), (398, 877), (425, 919), (426, 922), (437, 946), (438, 949), (464, 976), (505, 1039), (532, 1111), (544, 1141), (547, 1147), (548, 1150), (550, 1153), (692, 1417), (699, 1432), (701, 1435), (709, 1447), (765, 1507), (789, 1552), (796, 1570), (822, 1609), (912, 1702), (923, 1723), (930, 1732), (995, 1816), (1013, 1852), (1057, 1924), (1129, 2017), (1144, 2035), (1190, 2089),

Gene: Tasp14_12 Start: 7250, Stop: 8938, Start Num: 95
Candidate Starts for Tasp14_12:
(Start: 95 @7250 has 435 MA's), (Start: 258 @7430 has 2 MA's), (311, 7514), (327, 7550), (339, 7577), (411, 7700), (469, 7808), (510, 7898), (518, 7922), (534, 7949), (553, 7997), (591, 8066), (620, 8153), (644, 8213), (819, 8447), (832, 8459), (862, 8501), (882, 8522), (908, 8549), (985, 8657), (1070, 8747), (1139, 8852),

Gene: Tatanka_6 Start: 3654, Stop: 5393, Start Num: 187
Candidate Starts for Tatanka_6:
(Start: 187 @3654 has 203 MA's), (254, 3753), (322, 3873), (376, 3972), (395, 4014), (413, 4044), (427, 4074), (444, 4122), (454, 4143), (506, 4245), (530, 4314), (539, 4338), (604, 4500), (634, 4575), (644, 4599), (726, 4728), (778, 4809), (868, 4923), (876, 4941), (879, 4947), (929, 5010), (931, 5013), (1055, 5202), (1059, 5217), (1061, 5223), (1071, 5241), (1080, 5253), (1136, 5343), (1139, 5346),

Gene: TattModd_5 Start: 3127, Stop: 4692, Start Num: 129
Candidate Starts for TattModd_5:
(Start: 129 @3127 has 79 MA's), (Start: 268 @3337 has 4 MA's), (313, 3391), (338, 3448), (342, 3457), (485, 3697), (496, 3712), (500, 3718), (521, 3778), (548, 3838), (625, 3937), (637, 3967), (642, 3982), (692, 4063), (764, 4141), (768, 4150), (787, 4186), (804, 4225), (834, 4258), (838, 4267), (861, 4294), (912, 4348), (939, 4390), (1001, 4435), (1008, 4456), (1022, 4480), (1095, 4558), (1192, 4678),

Gene: Taurus_13 Start: 6955, Stop: 8655, Start Num: 102
Candidate Starts for Taurus_13:
(Start: 102 @6955 has 88 MA's), (137, 7003), (253, 7138), (362, 7330), (411, 7417), (431, 7453), (510, 7615), (550, 7705), (583, 7768), (644, 7930), (800, 8128), (812, 8152), (813, 8155), (862, 8218), (882, 8239), (916, 8278), (985, 8374), (1014, 8428), (1070, 8464), (1168, 8611), (1193, 8641), (1196, 8644),

Gene: TaylorSipht_3 Start: 775, Stop: 2355, Start Num: 182
Candidate Starts for TaylorSipht_3:
(Start: 134 @709 has 16 MA's), (Start: 182 @775 has 15 MA's), (Start: 207 @811 has 2 MA's), (Start: 246 @871 has 12 MA's), (252, 880), (Start: 272 @910 has 48 MA's), (315, 964), (334, 1012), (342, 1027), (364, 1051), (387, 1090), (464, 1210), (500, 1264), (505, 1273), (521, 1324), (526, 1336), (534, 1348), (548, 1384), (559, 1405), (581, 1465), (589, 1483), (593, 1495), (599, 1504), (628, 1567), (699, 1681), (701, 1684), (780, 1783), (787, 1795), (829, 1861), (838, 1876), (862, 1906), (903, 1945), (909, 1954), (1072, 2194), (1125, 2263), (1129, 2269), (1154, 2305), (1190, 2344),

Gene: Tayonia_2 Start: 498, Stop: 2222, Start Num: 201
Candidate Starts for Tayonia_2:
(Start: 190 @483 has 1 MA's), (Start: 201 @498 has 43 MA's), (259, 588), (393, 828), (397, 834), (411, 858), (438, 915), (476, 987), (571, 1185), (590, 1227), (596, 1233), (626, 1317), (641, 1344), (711, 1455), (725, 1482), (826, 1659), (999, 1932), (1001, 1935), (1003, 1941), (1011, 1962), (1034, 2001), (1066, 2049), (1073, 2058), (1091, 2082), (1114, 2100), (1145, 2157), (1194, 2214),

Gene: Tbone_2 Start: 533, Stop: 2239, Start Num: 95
Candidate Starts for Tbone_2:
(Start: 95 @533 has 435 MA's), (379, 905), (411, 962), (436, 1010), (482, 1100), (513, 1154), (570, 1274), (604, 1364), (710, 1526), (800, 1649), (985, 1904), (997, 1919), (1081, 2054), (1136, 2138), (1150, 2162),

Gene: Teacup_7 Start: 3549, Stop: 5288, Start Num: 187
Candidate Starts for Teacup_7:
(Start: 187 @3549 has 203 MA's), (254, 3648), (322, 3768), (376, 3867), (395, 3909), (413, 3939), (427, 3969), (444, 4017), (454, 4038), (506, 4140), (530, 4209), (539, 4233), (578, 4323), (604, 4395), (634, 4470), (644, 4494), (704, 4599), (726, 4623), (778, 4704), (803, 4752), (868, 4818), (876, 4836), (879, 4842), (929, 4905), (931, 4908), (1012, 5046), (1059, 5112), (1071, 5136), (1080, 5148), (1136, 5238), (1139, 5241),

Gene: Teagster_2 Start: 651, Stop: 2285, Start Num: 171
Candidate Starts for Teagster_2:
(Start: 171 @651 has 84 MA's), (233, 741), (252, 768), (342, 915), (398, 999), (426, 1044), (457, 1089), (464, 1098), (498, 1149), (521, 1212), (542, 1260), (558, 1290), (567, 1305), (599, 1386), (780, 1674), (1095, 2118), (1129, 2166), (1215, 2274),

Gene: Teaspoon_8 Start: 2003, Stop: 3673, Start Num: 269
Candidate Starts for Teaspoon_8:

(Start: 269 @2003 has 11 MA's), (435, 2300), (487, 2402), (570, 2582), (576, 2606), (585, 2624), (595, 2636), (616, 2699), (621, 2711), (642, 2756), (649, 2771), (700, 2849), (728, 2894), (759, 2948), (760, 2954), (814, 3068), (841, 3116), (910, 3212), (922, 3233), (933, 3248), (1014, 3401), (1022, 3413), (1065, 3470), (1091, 3506), (1124, 3557), (1142, 3593), (1145, 3596), (1193, 3662),

Gene: TeddyBoy_3 Start: 1086, Stop: 2546, Start Num: 149
Candidate Starts for TeddyBoy_3:
(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (642, 1881), (649, 1896), (674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: Tefunt_6 Start: 2173, Stop: 3822, Start Num: 73
Candidate Starts for Tefunt_6:
(Start: 73 @2173 has 95 MA's), (262, 2371), (283, 2398), (311, 2446), (326, 2479), (334, 2500), (386, 2587), (400, 2614), (413, 2635), (437, 2680), (458, 2722), (497, 2794), (510, 2818), (556, 2917), (574, 2953), (584, 2971), (647, 3091), (648, 3094), (673, 3130), (743, 3211), (811, 3301), (817, 3313), (852, 3364), (869, 3391), (901, 3418), (985, 3538), (1001, 3559), (1010, 3583), (1081, 3643), (1142, 3739), (1204, 3817),

Gene: Temper16_2 Start: 428, Stop: 1993, Start Num: 129
Candidate Starts for Temper16_2:
(Start: 129 @428 has 79 MA's), (Start: 245 @599 has 2 MA's), (313, 692), (317, 701), (330, 734), (338, 749), (342, 758), (364, 782), (394, 836), (455, 947), (496, 1013), (500, 1019), (521, 1079), (548, 1139), (564, 1169), (637, 1268), (764, 1442), (768, 1451), (787, 1487), (789, 1493), (806, 1529), (837, 1565), (862, 1598), (897, 1637), (907, 1643), (1024, 1784), (1095, 1859), (1151, 1940), (1192, 1979),

Gene: Temprado_15 Start: 7533, Stop: 9287, Start Num: 96
Candidate Starts for Temprado_15:
(Start: 96 @7533 has 243 MA's), (200, 7665), (250, 7764), (262, 7788), (283, 7815), (300, 7851), (339, 7926), (411, 8049), (420, 8064), (432, 8088), (469, 8157), (479, 8181), (480, 8184), (510, 8247), (518, 8271), (583, 8400), (584, 8403), (623, 8514), (732, 8676), (800, 8763), (806, 8775), (812, 8787), (852, 8835), (862, 8850), (901, 8889), (916, 8910), (979, 8994), (985, 9006), (1168, 9243), (1191, 9270), (1193, 9273),

Gene: TenaciousP_17 Start: 10505, Stop: 12250, Start Num: 187
Candidate Starts for TenaciousP_17:
(Start: 187 @10505 has 203 MA's), (195, 10511), (252, 10598), (254, 10604), (274, 10640), (302, 10694), (361, 10796), (395, 10871), (419, 10913), (444, 10979), (454, 11000), (492, 11069), (530, 11171), (555, 11228), (578, 11285), (582, 11297), (604, 11357), (644, 11456), (647, 11462), (682, 11519), (726, 11585), (863, 11771), (868, 11780), (916, 11846), (929, 11867), (931, 11870), (1051, 12050), (1069, 12095), (1071, 12098), (1080, 12110), (1136, 12200), (1139, 12203),

Gene: Tenney120_8 Start: 3513, Stop: 5246, Start Num: 187
Candidate Starts for Tenney120_8:
(Start: 187 @3513 has 203 MA's), (254, 3612), (388, 3849), (413, 3897), (444, 3975), (451, 3993), (454, 3996), (492, 4065), (530, 4167), (539, 4191), (570, 4248), (604, 4353), (644, 4452), (661, 4482), (685, 4524), (726, 4581), (771, 4650), (778, 4662), (868, 4776), (876, 4794), (929, 4863), (931, 4866), (1051, 5046), (1059, 5070), (1071, 5094), (1080, 5106), (1089, 5118), (1112, 5151), (1136, 5196), (1139, 5199),

Gene: Tenno_8 Start: 4800, Stop: 6539, Start Num: 187
Candidate Starts for Tenno_8:

(Start: 187 @4800 has 203 MA's), (254, 4899), (322, 5019), (376, 5118), (395, 5160), (413, 5190), (427, 5220), (444, 5268), (454, 5289), (506, 5391), (530, 5460), (539, 5484), (545, 5496), (578, 5574), (604, 5646), (634, 5721), (644, 5745), (704, 5850), (726, 5874), (778, 5955), (803, 6003), (868, 6069), (876, 6087), (879, 6093), (929, 6156), (931, 6159), (1059, 6363), (1071, 6387), (1080, 6399), (1136, 6489), (1139, 6492),

Gene: Teodoridan_9 Start: 6381, Stop: 8069, Start Num: 95
Candidate Starts for Teodoridan_9:
(Start: 95 @6381 has 435 MA's), (311, 6645), (323, 6669), (411, 6831), (430, 6864), (469, 6939), (510, 7029), (518, 7053), (553, 7128), (620, 7284), (622, 7293), (642, 7341), (644, 7344), (819, 7578), (832, 7590), (862, 7632), (882, 7653), (908, 7680), (985, 7788), (1070, 7878), (1139, 7983),

Gene: Terrific_16 Start: 7938, Stop: 9725, Start Num: 96
Candidate Starts for Terrific_16:
(23, 7752), (50, 7854), (Start: 96 @7938 has 243 MA's), (179, 8046), (193, 8067), (250, 8175), (411, 8460), (469, 8568), (510, 8658), (518, 8682), (584, 8814), (798, 9198), (800, 9201), (901, 9327), (916, 9348), (979, 9432), (985, 9444), (1168, 9681), (1191, 9708), (1193, 9711), (1196, 9714), (1199, 9717),

Gene: Tesla_34 Start: 10743, Stop: 12485, Start Num: 143
Candidate Starts for Tesla_34:
(Start: 143 @10743 has 83 MA's), (253, 10860), (283, 10905), (305, 10971), (306, 10986), (323, 11019), (324, 11022), (329, 11037), (341, 11061), (342, 11064), (362, 11094), (375, 11115), (378, 11133), (383, 11142), (402, 11178), (411, 11193), (434, 11238), (458, 11280), (477, 11319), (482, 11331), (497, 11352), (519, 11403), (534, 11424), (635, 11646), (697, 11751), (704, 11760), (749, 11793), (776, 11814), (778, 11817), (789, 11844), (800, 11874), (806, 11886), (813, 11901), (819, 11910), (825, 11916), (852, 11958), (858, 11967), (865, 11982), (882, 11997), (929, 12057), (954, 12096), (980, 12129), (1001, 12159), (1002, 12162), (1040, 12246), (1081, 12300), (1092, 12315), (1113, 12342), (1142, 12396), (1211, 12468), (1213, 12471),

Gene: Texage_11 Start: 7044, Stop: 8741, Start Num: 95
Candidate Starts for Texage_11:
(Start: 95 @7044 has 435 MA's), (Start: 122 @7068 has 1 MA's), (311, 7314), (403, 7488), (411, 7500), (432, 7539), (438, 7551), (469, 7608), (479, 7632), (510, 7698), (513, 7707), (550, 7788), (570, 7821), (620, 7953), (623, 7965), (647, 8019), (661, 8040), (685, 8073), (732, 8127), (800, 8214), (812, 8238), (813, 8241), (817, 8247), (825, 8256), (862, 8304), (901, 8343), (904, 8346), (916, 8364), (985, 8460), (1014, 8514), (1145, 8667), (1168, 8697), (1193, 8727), (1196, 8730),

Gene: TforTroy_2 Start: 547, Stop: 2244, Start Num: 95
Candidate Starts for TforTroy_2:
(Start: 95 @547 has 435 MA's), (Start: 110 @556 has 12 MA's), (Start: 191 @634 has 2 MA's), (379, 919), (411, 976), (432, 1018), (482, 1114), (513, 1168), (570, 1288), (604, 1378), (800, 1663), (869, 1774), (929, 1843), (985, 1918), (997, 1933), (1081, 2059), (1136, 2143), (1150, 2167),

Gene: Thanksgivukkah_11 Start: 6889, Stop: 8586, Start Num: 95
Candidate Starts for Thanksgivukkah_11:
(Start: 95 @6889 has 435 MA's), (Start: 122 @6913 has 1 MA's), (Start: 207 @7036 has 2 MA's), (293, 7126), (311, 7159), (362, 7258), (408, 7342), (411, 7345), (432, 7384), (469, 7453), (479, 7477), (510, 7543), (550, 7633), (620, 7798), (661, 7885), (685, 7918), (740, 7984), (798, 8056), (800, 8059), (812, 8083), (852, 8134), (862, 8149), (901, 8188), (916, 8209), (985, 8305), (1168, 8542), (1193, 8572), (1196, 8575),

Gene: ThankyouJordi_2 Start: 498, Stop: 2222, Start Num: 201
Candidate Starts for ThankyouJordi_2:

(Start: 190 @483 has 1 MA's), (Start: 201 @498 has 43 MA's), (259, 588), (323, 702), (383, 804), (393, 828), (397, 834), (411, 858), (414, 864), (438, 915), (476, 987), (571, 1185), (590, 1227), (596, 1233), (626, 1317), (627, 1320), (641, 1344), (711, 1455), (725, 1482), (826, 1659), (999, 1932), (1001, 1935), (1003, 1941), (1011, 1962), (1030, 1995), (1034, 2001), (1066, 2049), (1073, 2058), (1091, 2082), (1114, 2100), (1145, 2157), (1194, 2214),

Gene: Theia_8 Start: 6097, Stop: 7875, Start Num: 52
Candidate Starts for Theia_8:
(Start: 52 @6097 has 23 MA's), (Start: 63 @6124 has 32 MA's), (112, 6193), (196, 6307), (200, 6313), (300, 6445), (339, 6520), (341, 6523), (362, 6556), (381, 6589), (439, 6697), (449, 6721), (469, 6754), (510, 6829), (526, 6874), (565, 6952), (570, 6958), (632, 7123), (647, 7156), (661, 7177), (800, 7351), (812, 7375), (813, 7378), (862, 7438), (869, 7450), (901, 7477), (916, 7498), (979, 7582), (985, 7594), (1072, 7687), (1168, 7831), (1196, 7864), (1202, 7870),

Gene: TheloniousMonk_13 Start: 7993, Stop: 9681, Start Num: 95
Candidate Starts for TheloniousMonk_13:
(Start: 95 @7993 has 435 MA's), (311, 8257), (323, 8281), (411, 8443), (430, 8476), (469, 8551), (510, 8641), (518, 8665), (534, 8692), (553, 8740), (591, 8809), (615, 8884), (620, 8896), (644, 8956), (813, 9181), (819, 9190), (832, 9202), (862, 9244), (882, 9265), (908, 9292), (985, 9400), (1070, 9490), (1139, 9595),

Gene: Thestral_7 Start: 2249, Stop: 3895, Start Num: 73
Candidate Starts for Thestral_7:
(Start: 73 @2249 has 95 MA's), (311, 2519), (323, 2543), (326, 2552), (378, 2645), (386, 2660), (400, 2687), (413, 2708), (458, 2795), (497, 2867), (510, 2891), (556, 2990), (574, 3026), (616, 3131), (648, 3167), (673, 3203), (687, 3221), (798, 3350), (800, 3353), (806, 3365), (811, 3374), (815, 3383), (869, 3464), (901, 3491), (919, 3518), (959, 3572), (985, 3611), (1001, 3632), (1010, 3656), (1081, 3716), (1142, 3812), (1204, 3890),

Gene: ThetaBob_2 Start: 458, Stop: 2236, Start Num: 71
Candidate Starts for ThetaBob_2:
(Start: 71 @458 has 22 MA's), (Start: 114 @509 has 11 MA's), (131, 530), (150, 560), (155, 566), (165, 581), (217, 632), (Start: 271 @695 has 3 MA's), (Start: 280 @707 has 2 MA's), (300, 743), (327, 791), (333, 806), (339, 818), (342, 824), (377, 881), (378, 884), (381, 890), (389, 905), (398, 923), (400, 926), (411, 944), (482, 1085), (495, 1103), (510, 1130), (518, 1154), (532, 1187), (571, 1265), (604, 1355), (607, 1364), (613, 1379), (647, 1421), (648, 1424), (678, 1466), (685, 1475), (697, 1499), (745, 1541), (748, 1544), (778, 1568), (798, 1607), (800, 1610), (807, 1625), (817, 1643), (819, 1646), (874, 1727), (884, 1742), (887, 1745), (894, 1757), (919, 1796), (954, 1847), (959, 1853), (979, 1889), (985, 1901), (1000, 1925), (1011, 1952), (1016, 1961), (1018, 1964), (1072, 2036), (1105, 2084), (1113, 2090), (1133, 2123), (1135, 2129), (1139, 2135), (1141, 2141), (1142, 2144), (1150, 2156), (1167, 2174), (1181, 2195), (1195, 2213), (1206, 2225),

Gene: Thimble_9 Start: 2256, Stop: 3926, Start Num: 272
Candidate Starts for Thimble_9:
(Start: 272 @2256 has 48 MA's), (309, 2319), (435, 2553), (487, 2655), (570, 2835), (576, 2859), (585, 2877), (595, 2889), (616, 2952), (621, 2964), (642, 3009), (649, 3024), (700, 3102), (728, 3147), (759, 3201), (760, 3207), (814, 3321), (910, 3465), (933, 3501), (1014, 3654), (1022, 3666), (1065, 3723), (1091, 3759), (1124, 3810), (1142, 3846), (1145, 3849), (1193, 3915),

Gene: Thiqqums_7 Start: 3414, Stop: 5153, Start Num: 187
Candidate Starts for Thiqqums_7:
(Start: 184 @3411 has 4 MA's), (Start: 187 @3414 has 203 MA's), (195, 3420), (229, 3468), (231, 3471), (252, 3507), (254, 3513), (327, 3651), (345, 3687), (353, 3699), (444, 3882), (454, 3903), (503,

3996), (506, 4005), (522, 4056), (530, 4074), (644, 4359), (726, 4488), (771, 4557), (847, 4647), (863, 4674), (876, 4701), (929, 4770), (931, 4773), (957, 4815), (962, 4824), (1051, 4953), (1060, 4980), (1071, 5001), (1080, 5013), (1094, 5031), (1136, 5103), (1139, 5106), (1145, 5118),

Gene: Thor_11 Start: 6833, Stop: 8521, Start Num: 95
Candidate Starts for Thor_11:
(Start: 95 @6833 has 435 MA's), (Start: 258 @7013 has 2 MA's), (311, 7097), (327, 7133), (339, 7160), (411, 7283), (430, 7316), (469, 7391), (510, 7481), (518, 7505), (534, 7532), (553, 7580), (620, 7736), (622, 7745), (644, 7796), (819, 8030), (832, 8042), (862, 8084), (882, 8105), (908, 8132), (985, 8240), (1070, 8330), (1139, 8435),

Gene: ThursdayNight_2 Start: 546, Stop: 2285, Start Num: 95
Candidate Starts for ThursdayNight_2:
(Start: 95 @546 has 435 MA's), (Start: 271 @762 has 3 MA's), (362, 924), (373, 942), (386, 966), (411, 1011), (436, 1059), (482, 1152), (604, 1416), (642, 1473), (687, 1539), (773, 1650), (813, 1728), (985, 1956), (997, 1971), (1024, 2025), (1051, 2049), (1105, 2136), (1150, 2208), (1165, 2223),

Gene: Tian_2 Start: 533, Stop: 2239, Start Num: 95
Candidate Starts for Tian_2:
(Start: 95 @533 has 435 MA's), (Start: 176 @599 has 8 MA's), (379, 905), (411, 962), (422, 983), (436, 1010), (482, 1100), (513, 1154), (532, 1199), (570, 1274), (710, 1526), (800, 1649), (929, 1829), (985, 1904), (997, 1919), (1081, 2054), (1142, 2150), (1150, 2162),

Gene: TieDye_7 Start: 2856, Stop: 4601, Start Num: 187
Candidate Starts for TieDye_7:
(Start: 187 @2856 has 203 MA's), (229, 2910), (231, 2913), (252, 2949), (254, 2955), (380, 3189), (430, 3288), (444, 3330), (454, 3351), (476, 3393), (480, 3405), (522, 3504), (530, 3522), (584, 3654), (634, 3783), (644, 3807), (647, 3813), (726, 3936), (771, 4005), (863, 4122), (876, 4149), (929, 4218), (931, 4221), (962, 4272), (1012, 4359), (1059, 4425), (1069, 4446), (1071, 4449), (1080, 4461), (1094, 4479), (1136, 4551), (1139, 4554),

Gene: Tiffany_13 Start: 6851, Stop: 8551, Start Num: 102
Candidate Starts for Tiffany_13:
(Start: 102 @6851 has 88 MA's), (137, 6899), (253, 7034), (362, 7226), (411, 7313), (510, 7511), (550, 7601), (583, 7664), (644, 7826), (800, 8024), (812, 8048), (813, 8051), (862, 8114), (882, 8135), (916, 8174), (985, 8270), (1014, 8324), (1070, 8360), (1168, 8507), (1193, 8537), (1196, 8540),

Gene: Tiger_9 Start: 6005, Stop: 7756, Start Num: 63
Candidate Starts for Tiger_9:
(Start: 52 @5978 has 23 MA's), (Start: 63 @6005 has 32 MA's), (112, 6074), (139, 6113), (196, 6188), (200, 6194), (300, 6326), (339, 6401), (341, 6404), (420, 6539), (439, 6578), (449, 6602), (510, 6710), (526, 6755), (565, 6833), (570, 6839), (632, 7004), (647, 7037), (661, 7058), (800, 7232), (812, 7256), (813, 7259), (862, 7319), (869, 7331), (901, 7358), (916, 7379), (979, 7463), (985, 7475), (1168, 7712), (1196, 7745), (1202, 7751),

Gene: TimTam_2 Start: 498, Stop: 2222, Start Num: 201
Candidate Starts for TimTam_2:
(Start: 190 @483 has 1 MA's), (Start: 201 @498 has 43 MA's), (259, 588), (383, 804), (393, 828), (397, 834), (411, 858), (438, 915), (476, 987), (571, 1185), (590, 1227), (596, 1233), (626, 1317), (641, 1344), (711, 1455), (725, 1482), (826, 1659), (999, 1932), (1001, 1935), (1003, 1941), (1011, 1962), (1034, 2001), (1066, 2049), (1073, 2058), (1091, 2082), (1114, 2100), (1145, 2157), (1194, 2214),

Gene: TimoTea_3 Start: 1062, Stop: 2522, Start Num: 149

Candidate Starts for TimoTea_3:
(Start: 149 @1062 has 162 MA's), (Start: 154 @1068 has 4 MA's), (Start: 272 @1230 has 48 MA's), (278, 1239), (315, 1299), (348, 1368), (366, 1389), (394, 1440), (520, 1644), (642, 1857), (649, 1872), (674, 1908), (703, 1950), (739, 1983), (765, 2001), (834, 2121), (835, 2124), (848, 2136), (905, 2211), (944, 2274), (958, 2292), (960, 2295), (1098, 2457), (1104, 2466), (1110, 2475), (1135, 2514),

Gene: Timothy_12 Start: 8024, Stop: 9787, Start Num: 96
Candidate Starts for Timothy_12:
(Start: 96 @8024 has 243 MA's), (Start: 120 @8045 has 11 MA's), (179, 8132), (250, 8261), (262, 8285), (300, 8348), (381, 8492), (408, 8543), (411, 8546), (469, 8657), (479, 8681), (480, 8684), (510, 8747), (513, 8756), (518, 8771), (580, 8888), (584, 8903), (605, 8963), (638, 9047), (740, 9188), (806, 9275), (812, 9287), (852, 9335), (862, 9350), (901, 9389), (916, 9410), (942, 9449), (979, 9494), (985, 9506), (1168, 9743), (1191, 9770),

Gene: Timshel_12 Start: 8311, Stop: 10005, Start Num: 95
Candidate Starts for Timshel_12:
(Start: 95 @8311 has 435 MA's), (240, 8479), (283, 8530), (311, 8578), (339, 8641), (362, 8677), (381, 8710), (403, 8752), (411, 8764), (420, 8779), (432, 8803), (469, 8872), (510, 8962), (513, 8971), (584, 9118), (620, 9217), (642, 9274), (661, 9304), (798, 9475), (800, 9478), (812, 9502), (813, 9505), (867, 9577), (916, 9628), (985, 9724), (1003, 9751), (1014, 9778), (1145, 9931), (1168, 9961), (1193, 9991),

Gene: TinaBelcher_6 Start: 2200, Stop: 3846, Start Num: 73
Candidate Starts for TinaBelcher_6:
(Start: 73 @2200 has 95 MA's), (Start: 167 @2296 has 4 MA's), (311, 2470), (323, 2494), (326, 2503), (378, 2596), (386, 2611), (400, 2638), (413, 2659), (458, 2746), (497, 2818), (510, 2842), (556, 2941), (574, 2977), (616, 3082), (648, 3118), (673, 3154), (687, 3172), (798, 3301), (800, 3304), (806, 3316), (811, 3325), (815, 3334), (869, 3415), (901, 3442), (919, 3469), (959, 3523), (985, 3562), (1001, 3583), (1010, 3607), (1024, 3631), (1081, 3667), (1142, 3763), (1204, 3841),

Gene: TinaFeyge_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for TinaFeyge_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: TinaLin_10 Start: 4153, Stop: 5841, Start Num: 99
Candidate Starts for TinaLin_10:
(Start: 99 @4153 has 9 MA's), (157, 4231), (285, 4423), (333, 4504), (366, 4549), (378, 4567), (389, 4588), (407, 4618), (429, 4657), (464, 4726), (500, 4780), (534, 4864), (535, 4867), (536, 4870), (547, 4897), (548, 4900), (628, 5005), (688, 5122), (694, 5137), (768, 5230), (772, 5236), (784, 5260), (803, 5302), (811, 5317), (838, 5347), (853, 5359), (891, 5410), (907, 5422), (939, 5470), (944, 5479), (983, 5545), (1014, 5599), (1046, 5632), (1130, 5749), (1144, 5767), (1151, 5779), (1195, 5827), (1206, 5833),

Gene: TinoCrisci_4 Start: 800, Stop: 2290, Start Num: 146
Candidate Starts for TinoCrisci_4:
(Start: 146 @800 has 40 MA's), (181, 845), (255, 947), (267, 965), (274, 974), (313, 1025), (315, 1028), (319, 1037), (330, 1067), (345, 1094), (415, 1193), (474, 1292), (486, 1316), (488, 1319), (491, 1322), (513, 1367), (650, 1601), (692, 1649), (694, 1661), (728, 1700), (748, 1718), (768, 1730), (770, 1733), (781, 1754), (785, 1760), (789, 1772), (838, 1850), (874, 1904), (930, 1958), (940, 1970), (970, 2015), (1005, 2063), (1081, 2147), (1125, 2204), (1175, 2273),

Gene: TinyPebbles_13 Start: 7040, Stop: 8740, Start Num: 102
Candidate Starts for TinyPebbles_13:
(Start: 102 @7040 has 88 MA's), (137, 7088), (253, 7223), (362, 7415), (411, 7502), (510, 7700), (550, 7790), (583, 7853), (644, 8015), (800, 8213), (812, 8237), (813, 8240), (862, 8303), (882, 8324), (916, 8363), (985, 8459), (1014, 8513), (1070, 8549), (1168, 8696), (1193, 8726), (1196, 8729),

Gene: TinyTimmy_12 Start: 8076, Stop: 9839, Start Num: 96
Candidate Starts for TinyTimmy_12:
(Start: 96 @8076 has 243 MA's), (Start: 120 @8097 has 11 MA's), (179, 8184), (250, 8313), (262, 8337), (300, 8400), (381, 8544), (408, 8595), (411, 8598), (469, 8709), (479, 8733), (480, 8736), (510, 8799), (513, 8808), (518, 8823), (580, 8940), (584, 8955), (605, 9015), (638, 9099), (806, 9327), (812, 9339), (852, 9387), (862, 9402), (901, 9441), (916, 9462), (942, 9501), (979, 9546), (985, 9558), (1168, 9795), (1191, 9822),

Gene: TinyTruffula_3 Start: 1179, Stop: 2639, Start Num: 149
Candidate Starts for TinyTruffula_3:
(Start: 149 @1179 has 162 MA's), (Start: 154 @1185 has 4 MA's), (Start: 272 @1347 has 48 MA's), (278, 1356), (315, 1416), (348, 1485), (366, 1506), (394, 1557), (520, 1761), (592, 1896), (642, 1974), (649, 1989), (661, 2007), (674, 2025), (703, 2067), (739, 2100), (765, 2118), (834, 2238), (835, 2241), (848, 2253), (857, 2265), (862, 2277), (905, 2328), (941, 2385), (944, 2391), (949, 2400), (958, 2409), (960, 2412), (1098, 2574), (1104, 2583), (1110, 2592), (1135, 2631),

Gene: Tinybot_10 Start: 6864, Stop: 8561, Start Num: 95
Candidate Starts for Tinybot_10:
(Start: 95 @6864 has 435 MA's), (Start: 122 @6888 has 1 MA's), (Start: 207 @7011 has 2 MA's), (293, 7101), (311, 7134), (362, 7233), (408, 7317), (411, 7320), (432, 7359), (469, 7428), (479, 7452), (510, 7518), (550, 7608), (620, 7773), (661, 7860), (685, 7893), (740, 7959), (798, 8031), (800, 8034), (812, 8058), (852, 8109), (862, 8124), (901, 8163), (916, 8184), (985, 8280), (1168, 8517), (1193, 8547), (1196, 8550),

Gene: TipsytheTRex_11 Start: 6516, Stop: 8297, Start Num: 96
Candidate Starts for TipsytheTRex_11:
(Start: 96 @6516 has 243 MA's), (Start: 207 @6660 has 2 MA's), (227, 6705), (250, 6747), (300, 6834), (329, 6888), (408, 7029), (411, 7032), (432, 7071), (469, 7140), (510, 7230), (518, 7254), (583, 7383), (584, 7386), (901, 7899), (916, 7920), (979, 8004), (985, 8016), (1168, 8253), (1191, 8280), (1193, 8283), (1196, 8286),

Gene: Tipton_7 Start: 3522, Stop: 5264, Start Num: 187
Candidate Starts for Tipton_7:
(Start: 183 @3516 has 2 MA's), (Start: 187 @3522 has 203 MA's), (254, 3621), (322, 3741), (376, 3840), (413, 3912), (444, 3990), (454, 4011), (506, 4113), (530, 4182), (543, 4215), (604, 4368), (634, 4443), (644, 4467), (704, 4572), (726, 4596), (778, 4677), (868, 4794), (876, 4812), (879, 4818), (916, 4860), (929, 4881), (931, 4884), (1051, 5064), (1059, 5088), (1071, 5112), (1080, 5124), (1094, 5142), (1136, 5214), (1139, 5217),

Gene: TiroTheta9_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for TiroTheta9_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: TlaliMex_3 Start: 1179, Stop: 2633, Start Num: 154
Candidate Starts for TlaliMex_3:
(Start: 149 @1173 has 162 MA's), (Start: 154 @1179 has 4 MA's), (Start: 272 @1341 has 48 MA's), (278, 1350), (315, 1410), (348, 1479), (366, 1500), (394, 1551), (520, 1755), (592, 1890), (642, 1968), (649, 1983), (661, 2001), (674, 2019), (703, 2061), (739, 2094), (765, 2112), (834, 2232), (835, 2235), (848, 2247), (857, 2259), (905, 2322), (941, 2379), (944, 2385), (949, 2394), (958, 2403), (960, 2406), (1098, 2568), (1104, 2577), (1110, 2586), (1135, 2625),

Gene: Toad24_4 Start: 958, Stop: 2538, Start Num: 182
Candidate Starts for Toad24_4:
(Start: 134 @892 has 16 MA's), (Start: 182 @958 has 15 MA's), (Start: 246 @1054 has 12 MA's), (252, 1063), (255, 1072), (297, 1117), (313, 1144), (319, 1156), (334, 1195), (342, 1210), (364, 1234), (378, 1255), (505, 1456), (521, 1507), (548, 1567), (559, 1588), (581, 1648), (593, 1678), (599, 1687), (628, 1750), (834, 2050), (838, 2059), (862, 2089), (903, 2128), (956, 2206), (982, 2236), (1002, 2263), (1125, 2446), (1129, 2452), (1144, 2473), (1190, 2527),

Gene: Toaka_11 Start: 6489, Stop: 8273, Start Num: 96
Candidate Starts for Toaka_11:
(Start: 96 @6489 has 243 MA's), (200, 6618), (250, 6717), (253, 6723), (262, 6741), (339, 6879), (381, 6951), (411, 7005), (432, 7044), (469, 7116), (510, 7206), (518, 7230), (580, 7347), (584, 7362), (622, 7470), (659, 7545), (717, 7641), (806, 7761), (817, 7782), (901, 7875), (916, 7896), (954, 7950), (979, 7980), (985, 7992), (1083, 8100), (1119, 8151), (1168, 8229), (1191, 8256), (1193, 8259),

Gene: ToastyOats_7 Start: 2290, Stop: 3990, Start Num: 163
Candidate Starts for ToastyOats_7:
(124, 2233), (Start: 146 @2269 has 40 MA's), (Start: 163 @2290 has 23 MA's), (211, 2365), (233, 2413), (Start: 246 @2434 has 12 MA's), (278, 2482), (315, 2527), (316, 2530), (333, 2572), (342, 2590), (345, 2593), (347, 2596), (366, 2617), (426, 2719), (464, 2773), (521, 2887), (548, 2947), (559, 2968), (582, 3034), (583, 3037), (642, 3199), (692, 3265), (699, 3280), (796, 3451), (822, 3490), (834, 3499), (838, 3508), (869, 3550), (907, 3583), (932, 3622), (983, 3664), (1054, 3754), (1072, 3781), (1075, 3784), (1125, 3853), (1181, 3931), (1215, 3979),

Gene: Todacoro_12 Start: 7044, Stop: 8741, Start Num: 95
Candidate Starts for Todacoro_12:
(Start: 95 @7044 has 435 MA's), (Start: 122 @7068 has 1 MA's), (311, 7314), (403, 7488), (411, 7500), (432, 7539), (438, 7551), (469, 7608), (479, 7632), (510, 7698), (513, 7707), (550, 7788), (570, 7821), (620, 7953), (623, 7965), (647, 8019), (661, 8040), (685, 8073), (732, 8127), (800, 8214), (812, 8238), (813, 8241), (817, 8247), (825, 8256), (862, 8304), (901, 8343), (904, 8346), (916, 8364), (985, 8460), (1014, 8514), (1145, 8667), (1168, 8697), (1193, 8727), (1196, 8730),

Gene: Tokki_7 Start: 3531, Stop: 5273, Start Num: 187
Candidate Starts for Tokki_7:
(Start: 183 @3525 has 2 MA's), (Start: 187 @3531 has 203 MA's), (254, 3630), (322, 3750), (376, 3849), (413, 3921), (444, 3999), (454, 4020), (506, 4122), (530, 4191), (539, 4215), (543, 4224), (604, 4377), (634, 4452), (644, 4476), (704, 4581), (726, 4605), (778, 4686), (868, 4803), (876, 4821), (879, 4827), (916, 4869), (929, 4890), (931, 4893), (1051, 5073), (1059, 5097), (1071, 5121), (1080, 5133), (1094, 5151), (1136, 5223), (1139, 5226),

Gene: Tolls_6 Start: 1121, Stop: 2800, Start Num: 143
Candidate Starts for Tolls_6:
(Start: 143 @1121 has 83 MA's), (Start: 191 @1172 has 2 MA's), (205, 1193), (Start: 207 @1196 has 2 MA's), (254, 1238), (295, 1304), (326, 1364), (334, 1385), (339, 1394), (386, 1481), (405, 1517), (411,

1526), (434, 1577), (482, 1676), (497, 1697), (513, 1730), (532, 1766), (598, 1910), (609, 1946), (623, 1985), (704, 2132), (738, 2156), (803, 2255), (859, 2339), (929, 2426), (1001, 2522), (1047, 2570), (1072, 2594), (1110, 2645), (1165, 2726), (1213, 2786), (1214, 2789),

Gene: TomBrady12_3 Start: 1113, Stop: 2573, Start Num: 149
Candidate Starts for TomBrady12_3:
(Start: 149 @1113 has 162 MA's), (Start: 154 @1119 has 4 MA's), (Start: 272 @1281 has 48 MA's), (278, 1290), (315, 1350), (348, 1419), (366, 1440), (394, 1491), (520, 1695), (592, 1830), (642, 1908), (649, 1923), (661, 1941), (674, 1959), (703, 2001), (739, 2034), (765, 2052), (834, 2172), (835, 2175), (848, 2187), (857, 2199), (862, 2211), (905, 2262), (941, 2319), (944, 2325), (949, 2334), (958, 2343), (960, 2346), (1098, 2508), (1104, 2517), (1110, 2526), (1135, 2565),

Gene: Toma_6 Start: 2395, Stop: 4023, Start Num: 86
Candidate Starts for Toma_6:
(Start: 73 @2377 has 95 MA's), (Start: 86 @2395 has 10 MA's), (283, 2599), (300, 2635), (400, 2815), (413, 2836), (458, 2923), (497, 2995), (510, 3019), (556, 3118), (565, 3133), (580, 3157), (581, 3163), (673, 3331), (719, 3391), (800, 3481), (811, 3502), (869, 3592), (916, 3640), (985, 3739), (1001, 3760), (1003, 3766), (1010, 3784), (1142, 3940),

Gene: Tomathan_15 Start: 7375, Stop: 9162, Start Num: 96
Candidate Starts for Tomathan_15:
(29, 7216), (33, 7243), (Start: 96 @7375 has 243 MA's), (179, 7483), (193, 7504), (227, 7570), (250, 7612), (300, 7699), (408, 7894), (411, 7897), (469, 8005), (510, 8095), (518, 8119), (570, 8218), (583, 8248), (584, 8251), (623, 8362), (733, 8551), (852, 8710), (862, 8725), (869, 8737), (901, 8764), (916, 8785), (979, 8869), (985, 8881), (1070, 8971), (1168, 9118), (1191, 9145), (1193, 9148),

Gene: Tonaltzin_17 Start: 10505, Stop: 12250, Start Num: 187
Candidate Starts for Tonaltzin_17:
(Start: 187 @10505 has 203 MA's), (195, 10511), (252, 10598), (254, 10604), (274, 10640), (302, 10694), (395, 10871), (419, 10913), (444, 10979), (454, 11000), (492, 11069), (530, 11171), (555, 11228), (578, 11285), (582, 11297), (604, 11357), (644, 11456), (647, 11462), (682, 11519), (726, 11585), (863, 11771), (868, 11780), (916, 11846), (929, 11867), (931, 11870), (1051, 12050), (1069, 12095), (1071, 12098), (1080, 12110), (1136, 12200), (1139, 12203),

Gene: ToneTone_14 Start: 7446, Stop: 9200, Start Num: 96
Candidate Starts for ToneTone_14:
(Start: 96 @7446 has 243 MA's), (200, 7578), (250, 7677), (262, 7701), (283, 7728), (300, 7764), (339, 7839), (411, 7962), (420, 7977), (432, 8001), (469, 8070), (479, 8094), (480, 8097), (510, 8160), (518, 8184), (583, 8313), (584, 8316), (623, 8427), (732, 8589), (800, 8676), (806, 8688), (812, 8700), (852, 8748), (862, 8763), (901, 8802), (916, 8823), (979, 8907), (985, 8919), (1168, 9156), (1191, 9183), (1193, 9186),

Gene: TonyStarch_8 Start: 3146, Stop: 4891, Start Num: 187
Candidate Starts for TonyStarch_8:
(Start: 187 @3146 has 203 MA's), (229, 3200), (231, 3203), (252, 3239), (254, 3245), (380, 3479), (430, 3578), (444, 3620), (454, 3641), (476, 3683), (480, 3695), (522, 3794), (530, 3812), (545, 3848), (634, 4073), (644, 4097), (647, 4103), (726, 4226), (771, 4295), (863, 4412), (866, 4418), (876, 4439), (929, 4508), (931, 4511), (962, 4562), (1012, 4649), (1059, 4715), (1071, 4739), (1080, 4751), (1094, 4769), (1136, 4841), (1139, 4844),

Gene: Toodles_5 Start: 2022, Stop: 3719, Start Num: 163
Candidate Starts for Toodles_5:

(121, 1959), (Start: 138 @1989 has 4 MA's), (Start: 163 @2022 has 23 MA's), (233, 2142), (Start: 246 @2163 has 12 MA's), (254, 2178), (278, 2211), (313, 2253), (315, 2256), (333, 2301), (342, 2319), (345, 2322), (347, 2325), (378, 2364), (394, 2397), (425, 2445), (426, 2448), (464, 2502), (521, 2616), (547, 2673), (548, 2676), (559, 2697), (582, 2763), (642, 2928), (692, 2994), (699, 3009), (834, 3228), (838, 3237), (869, 3279), (907, 3312), (932, 3351), (983, 3393), (1054, 3483), (1072, 3510), (1075, 3513), (1125, 3582), (1181, 3660), (1215, 3708),

Gene: Topanga_11 Start: 6816, Stop: 8507, Start Num: 95
Candidate Starts for Topanga_11:
(Start: 95 @6816 has 435 MA's), (Start: 122 @6840 has 1 MA's), (Start: 207 @6963 has 2 MA's), (300, 7083), (311, 7095), (330, 7140), (362, 7194), (378, 7221), (386, 7236), (411, 7281), (432, 7320), (458, 7368), (469, 7389), (479, 7413), (510, 7464), (570, 7587), (620, 7719), (650, 7794), (685, 7839), (740, 7905), (800, 7980), (812, 8004), (862, 8070), (901, 8109), (904, 8112), (916, 8130), (985, 8226), (1024, 8295), (1168, 8463), (1193, 8493), (1196, 8496),

Gene: Topgun_11 Start: 6738, Stop: 8426, Start Num: 95
Candidate Starts for Topgun_11:
(Start: 95 @6738 has 435 MA's), (311, 7002), (323, 7026), (411, 7188), (430, 7221), (469, 7296), (510, 7386), (518, 7410), (553, 7485), (620, 7641), (622, 7650), (642, 7698), (644, 7701), (819, 7935), (832, 7947), (862, 7989), (882, 8010), (908, 8037), (985, 8145), (1070, 8235), (1139, 8340),

Gene: Topiatin_4 Start: 1235, Stop: 2872, Start Num: 111
Candidate Starts for Topiatin_4:
(Start: 111 @1235 has 202 MA's), (Start: 125 @1250 has 1 MA's), (Start: 129 @1259 has 79 MA's), (133, 1265), (Start: 158 @1292 has 2 MA's), (Start: 185 @1316 has 2 MA's), (188, 1319), (224, 1382), (230, 1400), (244, 1421), (312, 1508), (315, 1514), (352, 1568), (369, 1580), (377, 1592), (381, 1601), (383, 1604), (392, 1625), (404, 1646), (415, 1661), (440, 1718), (461, 1757), (502, 1826), (505, 1832), (514, 1862), (515, 1865), (518, 1874), (523, 1889), (534, 1907), (557, 1958), (604, 2060), (711, 2231), (726, 2243), (800, 2327), (816, 2357), (818, 2360), (820, 2363), (869, 2420), (884, 2435), (889, 2441), (893, 2444), (901, 2459), (908, 2468), (957, 2537), (982, 2567), (988, 2576), (1006, 2609), (1024, 2642), (1069, 2669), (1094, 2702), (1114, 2732), (1127, 2753), (1139, 2777), (1142, 2786), (1145, 2789), (1184, 2846),

Gene: Toro_14 Start: 8301, Stop: 10001, Start Num: 95
Candidate Starts for Toro_14:
(Start: 95 @8301 has 435 MA's), (145, 8364), (Start: 271 @8508 has 3 MA's), (293, 8538), (311, 8571), (339, 8634), (411, 8757), (420, 8772), (469, 8865), (479, 8889), (510, 8955), (584, 9111), (620, 9210), (661, 9297), (685, 9330), (732, 9384), (743, 9399), (798, 9468), (800, 9471), (812, 9495), (869, 9573), (985, 9717), (1010, 9762), (1083, 9825), (1145, 9924), (1168, 9954), (1193, 9987),

Gene: Toron_2 Start: 458, Stop: 2236, Start Num: 71
Candidate Starts for Toron_2:
(Start: 71 @458 has 22 MA's), (82, 479), (Start: 114 @509 has 11 MA's), (131, 530), (150, 560), (155, 566), (165, 581), (217, 632), (Start: 271 @695 has 3 MA's), (Start: 280 @707 has 2 MA's), (300, 743), (327, 791), (333, 806), (339, 818), (342, 824), (377, 881), (378, 884), (381, 890), (389, 905), (398, 923), (400, 926), (411, 944), (482, 1085), (495, 1103), (510, 1130), (518, 1154), (532, 1187), (571, 1265), (607, 1364), (613, 1379), (647, 1421), (661, 1442), (678, 1466), (685, 1475), (697, 1499), (745, 1541), (748, 1544), (778, 1568), (798, 1607), (800, 1610), (807, 1625), (817, 1643), (874, 1727), (884, 1742), (887, 1745), (894, 1757), (919, 1796), (954, 1847), (959, 1853), (979, 1889), (985, 1901), (1000, 1925), (1011, 1952), (1018, 1964), (1037, 2000), (1072, 2036), (1105, 2084), (1113, 2090), (1133, 2123), (1135, 2129), (1139, 2135), (1141, 2141), (1142, 2144), (1150, 2156), (1167, 2174), (1181, 2195), (1195, 2213), (1206, 2225),

Gene: Tote_13 Start: 7479, Stop: 9167, Start Num: 95
Candidate Starts for Tote_13:
(Start: 95 @7479 has 435 MA's), (Start: 258 @7659 has 2 MA's), (311, 7743), (327, 7779), (339, 7806), (411, 7929), (469, 8037), (510, 8127), (518, 8151), (534, 8178), (553, 8226), (620, 8382), (644, 8442), (819, 8676), (832, 8688), (862, 8730), (882, 8751), (908, 8778), (985, 8886), (1070, 8976), (1139, 9081),

Gene: TouchMeNot_3 Start: 1236, Stop: 2873, Start Num: 134
Candidate Starts for TouchMeNot_3:
(Start: 134 @1236 has 16 MA's), (150, 1260), (212, 1338), (Start: 271 @1404 has 3 MA's), (327, 1503), (334, 1521), (339, 1530), (342, 1536), (369, 1584), (373, 1590), (378, 1599), (400, 1641), (403, 1647), (405, 1650), (411, 1659), (446, 1737), (510, 1854), (514, 1866), (515, 1869), (521, 1878), (550, 1941), (587, 2013), (598, 2046), (642, 2124), (723, 2235), (778, 2280), (887, 2412), (892, 2418), (976, 2550), (999, 2589), (1069, 2679), (1090, 2706), (1141, 2787), (1150, 2802), (1152, 2805), (1160, 2814), (1199, 2862),

Gene: Toulouse_3 Start: 596, Stop: 2086, Start Num: 146
Candidate Starts for Toulouse_3:
(Start: 146 @596 has 40 MA's), (181, 641), (255, 743), (267, 761), (274, 770), (313, 821), (315, 824), (319, 833), (330, 863), (345, 890), (415, 989), (474, 1088), (486, 1112), (488, 1115), (491, 1118), (513, 1163), (593, 1313), (650, 1397), (692, 1445), (694, 1457), (728, 1496), (748, 1514), (768, 1526), (770, 1529), (781, 1550), (785, 1556), (789, 1568), (838, 1646), (874, 1700), (930, 1754), (940, 1766), (1005, 1859), (1081, 1943), (1125, 2000), (1175, 2069),

Gene: Tourach_4 Start: 1085, Stop: 2653, Start Num: 93
Candidate Starts for Tourach_4:
(Start: 93 @1085 has 92 MA's), (Start: 99 @1091 has 9 MA's), (Start: 107 @1100 has 24 MA's), (228, 1247), (304, 1349), (347, 1439), (386, 1490), (419, 1544), (494, 1682), (498, 1688), (509, 1709), (558, 1808), (643, 1934), (653, 1955), (671, 1979), (676, 1985), (694, 2015), (699, 2021), (729, 2057), (776, 2114), (789, 2141), (790, 2147), (845, 2225), (867, 2261), (912, 2306), (962, 2372), (1008, 2447), (1024, 2474), (1158, 2621), (1181, 2645), (1183, 2648),

Gene: Toxicola_3 Start: 987, Stop: 2447, Start Num: 149
Candidate Starts for Toxicola_3:
(Start: 149 @987 has 162 MA's), (Start: 154 @993 has 4 MA's), (Start: 272 @1155 has 48 MA's), (315, 1224), (348, 1293), (366, 1314), (394, 1365), (520, 1569), (592, 1704), (642, 1782), (649, 1797), (674, 1833), (703, 1875), (739, 1908), (765, 1926), (834, 2046), (835, 2049), (848, 2061), (905, 2136), (944, 2199), (949, 2208), (958, 2217), (960, 2220), (1098, 2382), (1104, 2391), (1110, 2400), (1135, 2439),

Gene: TpudiCK_15 Start: 4718, Stop: 6262, Start Num: 130
Candidate Starts for TpudiCK_15:
(Start: 130 @4718 has 21 MA's), (Start: 163 @4766 has 23 MA's), (315, 4967), (392, 5105), (512, 5297), (643, 5507), (676, 5558), (729, 5630), (789, 5693), (796, 5717), (804, 5732), (857, 5792), (862, 5804), (907, 5864), (930, 5897), (959, 5930), (977, 5957), (1007, 6005), (1143, 6191), (1158, 6212),

Gene: Tracker_24 Start: 11932, Stop: 13659, Start Num: 110
Candidate Starts for Tracker_24:
(22, 11698), (49, 11827), (Start: 110 @11932 has 12 MA's), (222, 12082), (247, 12133), (251, 12139), (281, 12178), (299, 12208), (315, 12232), (324, 12250), (332, 12277), (359, 12340), (369, 12358), (514, 12643), (523, 12670), (565, 12754), (604, 12838), (608, 12850), (621, 12883), (675, 12961), (741, 13039), (800, 13111), (818, 13144), (855, 13207), (869, 13234), (893, 13258), (908, 13282), (988, 13381), (1013, 13429), (1139, 13567), (1157, 13597), (1200, 13651),

Gene: Trackstar_3 Start: 1179, Stop: 2639, Start Num: 149
Candidate Starts for Trackstar_3:
(Start: 149 @1179 has 162 MA's), (Start: 154 @1185 has 4 MA's), (Start: 272 @1347 has 48 MA's), (278, 1356), (315, 1416), (348, 1485), (366, 1506), (394, 1557), (520, 1761), (592, 1896), (642, 1974), (649, 1989), (661, 2007), (674, 2025), (703, 2067), (739, 2100), (765, 2118), (834, 2238), (835, 2241), (848, 2253), (857, 2265), (862, 2277), (905, 2328), (941, 2385), (944, 2391), (949, 2400), (958, 2409), (960, 2412), (1098, 2574), (1104, 2583), (1110, 2592), (1135, 2631),

Gene: Traft412_13 Start: 7666, Stop: 9354, Start Num: 95
Candidate Starts for Traft412_13:
(Start: 95 @7666 has 435 MA's), (311, 7930), (323, 7954), (411, 8116), (430, 8149), (469, 8224), (510, 8314), (518, 8338), (534, 8365), (553, 8413), (620, 8569), (644, 8629), (819, 8863), (832, 8875), (862, 8917), (882, 8938), (908, 8965), (985, 9073), (1070, 9163), (1139, 9268),

Gene: Travvers_15 Start: 7375, Stop: 9162, Start Num: 96
Candidate Starts for Travvers_15:
(29, 7216), (33, 7243), (Start: 96 @7375 has 243 MA's), (179, 7483), (193, 7504), (227, 7570), (250, 7612), (300, 7699), (408, 7894), (411, 7897), (469, 8005), (510, 8095), (518, 8119), (570, 8218), (583, 8248), (584, 8251), (623, 8362), (733, 8551), (852, 8710), (862, 8725), (869, 8737), (901, 8764), (916, 8785), (979, 8869), (985, 8881), (1070, 8971), (1168, 9118), (1191, 9145), (1193, 9148),

Gene: Trax_12 Start: 4818, Stop: 6263, Start Num: 176
Candidate Starts for Trax_12:
(Start: 176 @4818 has 8 MA's), (313, 5004), (366, 5097), (417, 5178), (424, 5190), (439, 5223), (450, 5229), (464, 5247), (470, 5256), (513, 5340), (516, 5349), (540, 5409), (559, 5427), (643, 5547), (658, 5574), (706, 5643), (738, 5673), (779, 5739), (838, 5844), (861, 5871), (912, 5931), (932, 5955), (964, 5994), (1005, 6057), (1049, 6108), (1106, 6165),

Gene: Treddle_13 Start: 7975, Stop: 9663, Start Num: 107
Candidate Starts for Treddle_13:
(Start: 107 @7975 has 24 MA's), (Start: 258 @8155 has 2 MA's), (311, 8239), (324, 8266), (327, 8275), (411, 8425), (430, 8458), (469, 8533), (510, 8623), (518, 8647), (534, 8674), (553, 8722), (620, 8878), (644, 8938), (819, 9172), (832, 9184), (862, 9226), (882, 9247), (908, 9274), (985, 9382), (1070, 9472), (1139, 9577),

Gene: TriFive_5 Start: 1190, Stop: 2755, Start Num: 93
Candidate Starts for TriFive_5:
(64, 1139), (Start: 68 @1148 has 2 MA's), (Start: 93 @1190 has 92 MA's), (Start: 99 @1196 has 9 MA's), (238, 1367), (254, 1397), (313, 1472), (316, 1478), (319, 1484), (413, 1640), (419, 1649), (420, 1652), (422, 1655), (464, 1730), (494, 1784), (496, 1787), (498, 1790), (637, 2021), (685, 2096), (694, 2117), (699, 2123), (759, 2192), (776, 2216), (786, 2234), (790, 2249), (867, 2363), (907, 2402), (912, 2408), (962, 2474), (1001, 2528), (1016, 2564), (1024, 2576), (1078, 2615), (1143, 2702), (1181, 2747), (1183, 2750),

Gene: Tribby_8 Start: 3847, Stop: 5601, Start Num: 187
Candidate Starts for Tribby_8:
(151, 3793), (Start: 183 @3841 has 2 MA's), (Start: 187 @3847 has 203 MA's), (252, 3940), (254, 3946), (361, 4138), (395, 4213), (413, 4243), (427, 4273), (444, 4321), (451, 4339), (454, 4342), (476, 4384), (530, 4513), (604, 4699), (644, 4798), (685, 4870), (726, 4927), (771, 5005), (778, 5017), (868, 5131), (876, 5149), (914, 5194), (929, 5218), (931, 5221), (954, 5260), (1051, 5401), (1069, 5446), (1071, 5449), (1080, 5461), (1114, 5509), (1133, 5542), (1136, 5551), (1139, 5554),

Gene: Trike_9 Start: 4773, Stop: 6464, Start Num: 95

Candidate Starts for Trike_9:
(Start: 95 @4773 has 435 MA's), (Start: 122 @4797 has 1 MA's), (Start: 207 @4920 has 2 MA's), (283, 5004), (300, 5040), (311, 5052), (329, 5094), (386, 5193), (411, 5238), (432, 5277), (458, 5325), (469, 5346), (479, 5370), (510, 5421), (570, 5544), (626, 5691), (650, 5751), (685, 5796), (800, 5937), (835, 5991), (862, 6027), (901, 6066), (916, 6087), (985, 6183), (1024, 6252), (1168, 6420), (1193, 6450), (1196, 6453),

Gene: Trine_2 Start: 545, Stop: 2110, Start Num: 162
Candidate Starts for Trine_2:
(Start: 162 @545 has 7 MA's), (Start: 169 @557 has 6 MA's), (233, 650), (254, 686), (319, 773), (342, 827), (392, 905), (420, 947), (427, 962), (440, 992), (464, 1013), (496, 1061), (516, 1112), (547, 1184), (550, 1190), (637, 1316), (709, 1418), (715, 1427), (729, 1439), (733, 1448), (785, 1511), (788, 1517), (801, 1550), (811, 1568), (834, 1601), (837, 1607), (857, 1628), (861, 1637), (862, 1640), (982, 1808), (983, 1811), (1014, 1865), (1016, 1868), (1039, 1895), (1072, 1946), (1201, 2102),

Gene: Tripl3t_12 Start: 7661, Stop: 9349, Start Num: 95
Candidate Starts for Tripl3t_12:
(Start: 95 @7661 has 435 MA's), (311, 7925), (323, 7949), (394, 8084), (411, 8111), (430, 8144), (469, 8219), (510, 8309), (518, 8333), (534, 8360), (553, 8408), (620, 8564), (622, 8573), (644, 8624), (813, 8849), (819, 8858), (832, 8870), (862, 8912), (882, 8933), (908, 8960), (985, 9068), (1070, 9158), (1139, 9263),

Gene: Trireme_3 Start: 1179, Stop: 2639, Start Num: 149
Candidate Starts for Trireme_3:
(Start: 149 @1179 has 162 MA's), (Start: 154 @1185 has 4 MA's), (Start: 272 @1347 has 48 MA's), (278, 1356), (315, 1416), (348, 1485), (366, 1506), (394, 1557), (520, 1761), (592, 1896), (642, 1974), (649, 1989), (661, 2007), (674, 2025), (703, 2067), (739, 2100), (765, 2118), (834, 2238), (835, 2241), (848, 2253), (857, 2265), (862, 2277), (905, 2328), (941, 2385), (944, 2391), (949, 2400), (958, 2409), (960, 2412), (1098, 2574), (1104, 2583), (1110, 2592), (1135, 2631),

Gene: Tristan_13 Start: 9212, Stop: 10990, Start Num: 96
Candidate Starts for Tristan_13:
(Start: 96 @9212 has 243 MA's), (Start: 120 @9230 has 11 MA's), (200, 9341), (Start: 207 @9353 has 2 MA's), (226, 9395), (231, 9407), (235, 9416), (250, 9440), (300, 9527), (408, 9722), (411, 9725), (432, 9764), (469, 9833), (510, 9923), (518, 9947), (570, 10046), (584, 10079), (733, 10379), (800, 10466), (869, 10565), (901, 10592), (916, 10613), (985, 10709), (1168, 10946), (1191, 10973), (1193, 10976),

Gene: Triste_6 Start: 2377, Stop: 4023, Start Num: 73
Candidate Starts for Triste_6:
(Start: 73 @2377 has 95 MA's), (Start: 86 @2395 has 10 MA's), (Start: 207 @2527 has 2 MA's), (283, 2599), (300, 2635), (400, 2815), (413, 2836), (437, 2881), (458, 2923), (497, 2995), (510, 3019), (556, 3118), (565, 3133), (580, 3157), (581, 3163), (673, 3331), (800, 3481), (811, 3502), (852, 3565), (869, 3592), (959, 3700), (985, 3739), (999, 3757), (1001, 3760), (1003, 3766), (1010, 3784), (1142, 3940), (1204, 4018),

Gene: Trixie_15 Start: 9087, Stop: 10874, Start Num: 96
Candidate Starts for Trixie_15:
(Start: 96 @9087 has 243 MA's), (179, 9195), (193, 9216), (250, 9324), (283, 9375), (300, 9411), (408, 9606), (411, 9609), (469, 9717), (510, 9807), (518, 9831), (584, 9963), (800, 10350), (869, 10449), (901, 10476), (904, 10479), (916, 10497), (985, 10593), (1168, 10830), (1191, 10857), (1193, 10860), (1196, 10863), (1199, 10866),

Gene: TrixiePhattel_8 Start: 3466, Stop: 5199, Start Num: 187
Candidate Starts for TrixiePhattel_8:
(Start: 183 @3460 has 2 MA's), (Start: 187 @3466 has 203 MA's), (254, 3565), (368, 3766), (413, 3850), (444, 3928), (451, 3946), (454, 3949), (492, 4018), (530, 4120), (539, 4144), (578, 4234), (604, 4306), (630, 4372), (644, 4405), (661, 4435), (685, 4477), (726, 4534), (771, 4603), (778, 4615), (868, 4729), (876, 4747), (929, 4816), (931, 4819), (992, 4912), (1051, 4999), (1059, 5023), (1071, 5047), (1080, 5059), (1089, 5071), (1136, 5149), (1139, 5152),

Gene: Troje_4 Start: 1111, Stop: 2790, Start Num: 143
Candidate Starts for Troje_4:
(Start: 143 @1111 has 83 MA's), (Start: 191 @1162 has 2 MA's), (205, 1183), (252, 1222), (300, 1309), (326, 1354), (334, 1375), (339, 1384), (378, 1456), (405, 1507), (411, 1516), (434, 1567), (482, 1666), (497, 1687), (513, 1720), (532, 1756), (598, 1900), (609, 1936), (623, 1975), (635, 2008), (661, 2056), (697, 2113), (738, 2146), (776, 2179), (803, 2245), (806, 2251), (852, 2317), (859, 2329), (929, 2416), (1001, 2512), (1047, 2560), (1110, 2635), (1165, 2716), (1213, 2776), (1214, 2779),

Gene: Trooper_12 Start: 7244, Stop: 9031, Start Num: 96
Candidate Starts for Trooper_12:
(Start: 96 @7244 has 243 MA's), (179, 7352), (193, 7373), (241, 7463), (250, 7481), (283, 7532), (300, 7568), (329, 7622), (339, 7643), (361, 7676), (411, 7766), (432, 7805), (469, 7874), (510, 7964), (518, 7988), (580, 8105), (584, 8120), (800, 8507), (869, 8606), (901, 8633), (904, 8636), (916, 8654), (985, 8750), (1168, 8987), (1193, 9017),

Gene: Trouble_11 Start: 7310, Stop: 8998, Start Num: 95
Candidate Starts for Trouble_11:
(Start: 95 @7310 has 435 MA's), (Start: 258 @7490 has 2 MA's), (311, 7574), (327, 7610), (339, 7637), (411, 7760), (469, 7868), (510, 7958), (518, 7982), (534, 8009), (553, 8057), (591, 8126), (615, 8201), (620, 8213), (644, 8273), (813, 8498), (819, 8507), (832, 8519), (862, 8561), (882, 8582), (908, 8609), (985, 8717), (1070, 8807), (1139, 8912),

Gene: Troy_2 Start: 374, Stop: 1957, Start Num: 169
Candidate Starts for Troy_2:
(Start: 167 @371 has 4 MA's), (Start: 169 @374 has 6 MA's), (Start: 171 @380 has 84 MA's), (288, 551), (313, 629), (317, 638), (420, 812), (490, 914), (494, 920), (500, 929), (505, 938), (525, 998), (547, 1046), (548, 1049), (613, 1112), (649, 1205), (701, 1271), (807, 1427), (823, 1445), (863, 1490), (889, 1532), (918, 1568), (927, 1583), (946, 1610), (948, 1613), (959, 1628), (990, 1661), (1001, 1676), (1024, 1724), (1050, 1754), (1058, 1772), (1115, 1847), (1166, 1922), (1196, 1946),

Gene: TroyPia_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for TroyPia_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Truckee_7 Start: 3607, Stop: 5346, Start Num: 187
Candidate Starts for Truckee_7:
(Start: 183 @3601 has 2 MA's), (Start: 187 @3607 has 203 MA's), (254, 3706), (322, 3826), (376, 3925), (413, 3997), (444, 4075), (454, 4096), (506, 4198), (530, 4267), (539, 4291), (543, 4300), (604, 4453), (634, 4528), (644, 4552), (704, 4657), (726, 4681), (778, 4762), (868, 4876), (876, 4894), (879, 4900), (916, 4942), (929, 4963), (931, 4966), (934, 4972), (1051, 5146), (1059, 5170), (1071, 5194), (1080, 5206), (1094, 5224), (1136, 5296), (1139, 5299),

Gene: Trufflozitus_13 Start: 7494, Stop: 9239, Start Num: 187
Candidate Starts for Trufflozitus_13:
(Start: 187 @7494 has 203 MA's), (195, 7500), (252, 7587), (254, 7593), (274, 7629), (302, 7683), (353, 7779), (444, 7968), (451, 7986), (454, 7989), (492, 8058), (530, 8160), (545, 8196), (555, 8217), (570, 8241), (588, 8298), (604, 8346), (630, 8412), (644, 8445), (647, 8451), (665, 8481), (680, 8502), (726, 8574), (868, 8769), (916, 8835), (929, 8856), (931, 8859), (968, 8919), (1045, 9030), (1060, 9066), (1071, 9087), (1080, 9099), (1112, 9144), (1114, 9147), (1136, 9189), (1139, 9192),

Gene: Trumpet_2 Start: 498, Stop: 2222, Start Num: 201
Candidate Starts for Trumpet_2:
(Start: 190 @483 has 1 MA's), (Start: 201 @498 has 43 MA's), (259, 588), (393, 828), (397, 834), (411, 858), (438, 915), (476, 987), (571, 1185), (590, 1227), (596, 1233), (626, 1317), (641, 1344), (711, 1455), (725, 1482), (826, 1659), (999, 1932), (1001, 1935), (1003, 1941), (1011, 1962), (1034, 2001), (1066, 2049), (1073, 2058), (1091, 2082), (1114, 2100), (1145, 2157), (1194, 2214),

Gene: Trustiboi_7 Start: 3738, Stop: 5477, Start Num: 187
Candidate Starts for Trustiboi_7:
(Start: 187 @3738 has 203 MA's), (254, 3837), (322, 3957), (376, 4056), (395, 4098), (413, 4128), (427, 4158), (444, 4206), (454, 4227), (506, 4329), (530, 4398), (539, 4422), (604, 4584), (634, 4659), (644, 4683), (726, 4812), (778, 4893), (868, 5007), (876, 5025), (879, 5031), (929, 5094), (931, 5097), (1055, 5286), (1059, 5301), (1071, 5325), (1080, 5337), (1136, 5427), (1139, 5430),

Gene: TrvxScott_5 Start: 2201, Stop: 3847, Start Num: 73
Candidate Starts for TrvxScott_5:
(Start: 73 @2201 has 95 MA's), (Start: 167 @2297 has 4 MA's), (311, 2471), (323, 2495), (326, 2504), (378, 2597), (386, 2612), (400, 2639), (413, 2660), (458, 2747), (497, 2819), (510, 2843), (556, 2942), (574, 2978), (616, 3083), (648, 3119), (673, 3155), (687, 3173), (798, 3302), (800, 3305), (806, 3317), (811, 3326), (815, 3335), (852, 3389), (869, 3416), (901, 3443), (919, 3470), (959, 3524), (985, 3563), (1001, 3584), (1010, 3608), (1024, 3632), (1081, 3668), (1142, 3764), (1204, 3842),

Gene: TuanPN_6 Start: 2380, Stop: 4026, Start Num: 73
Candidate Starts for TuanPN_6:
(Start: 73 @2380 has 95 MA's), (Start: 86 @2398 has 10 MA's), (283, 2602), (300, 2638), (400, 2818), (413, 2839), (458, 2926), (497, 2998), (510, 3022), (556, 3121), (565, 3136), (580, 3160), (581, 3166), (673, 3334), (719, 3394), (800, 3484), (811, 3505), (869, 3595), (959, 3703), (985, 3742), (1001, 3763), (1003, 3769), (1010, 3787), (1142, 3943), (1204, 4021),

Gene: Tubs_13 Start: 8109, Stop: 9896, Start Num: 96
Candidate Starts for Tubs_13:
(Start: 96 @8109 has 243 MA's), (Start: 114 @8124 has 11 MA's), (Start: 120 @8130 has 11 MA's), (200, 8241), (250, 8340), (339, 8502), (381, 8574), (411, 8628), (432, 8667), (469, 8739), (510, 8829), (518, 8853), (580, 8970), (584, 8985), (622, 9093), (659, 9168), (685, 9204), (717, 9264), (806, 9384), (817, 9405), (852, 9444), (901, 9498), (904, 9501), (916, 9519), (954, 9573), (979, 9603), (985, 9615), (1070, 9705), (1083, 9723), (1168, 9852), (1191, 9879), (1193, 9882),

Gene: Tuck_3 Start: 1594, Stop: 3300, Start Num: 95
Candidate Starts for Tuck_3:
(Start: 95 @1594 has 435 MA's), (411, 2023), (436, 2071), (482, 2161), (546, 2293), (570, 2335), (710, 2587), (800, 2710), (959, 2929), (985, 2965), (997, 2980), (1081, 3115), (1142, 3211), (1150, 3223),

Gene: Tucker_15 Start: 7533, Stop: 9287, Start Num: 96
Candidate Starts for Tucker_15:

(Start: 96 @7533 has 243 MA's), (200, 7665), (250, 7764), (262, 7788), (283, 7815), (300, 7851), (339, 7926), (411, 8049), (420, 8064), (432, 8088), (469, 8157), (479, 8181), (480, 8184), (510, 8247), (518, 8271), (583, 8400), (584, 8403), (623, 8514), (732, 8676), (800, 8763), (806, 8775), (812, 8787), (852, 8835), (862, 8850), (901, 8889), (916, 8910), (979, 8994), (985, 9006), (1168, 9243), (1191, 9270), (1193, 9273),

Gene: TukTuk_3 Start: 676, Stop: 2304, Start Num: 171
Candidate Starts for TukTuk_3:
(Start: 171 @676 has 84 MA's), (278, 832), (342, 940), (398, 1024), (415, 1048), (464, 1123), (498, 1174), (500, 1177), (521, 1237), (531, 1255), (542, 1285), (558, 1315), (829, 1771), (838, 1786), (1095, 2137), (1215, 2293),

Gene: Turab_2 Start: 537, Stop: 2243, Start Num: 95
Candidate Starts for Turab_2:
(Start: 95 @537 has 435 MA's), (Start: 191 @624 has 2 MA's), (379, 909), (411, 966), (422, 987), (436, 1014), (482, 1104), (570, 1278), (710, 1530), (800, 1653), (929, 1833), (985, 1908), (997, 1923), (1081, 2058), (1105, 2094), (1136, 2142), (1142, 2154), (1150, 2166),

Gene: Turbido_14 Start: 7910, Stop: 9697, Start Num: 96
Candidate Starts for Turbido_14:
(Start: 96 @7910 has 243 MA's), (179, 8018), (193, 8039), (227, 8105), (229, 8111), (250, 8147), (262, 8171), (300, 8234), (408, 8429), (411, 8432), (469, 8540), (510, 8630), (518, 8654), (553, 8729), (580, 8771), (584, 8786), (733, 9086), (869, 9272), (901, 9299), (916, 9320), (985, 9416), (1168, 9653), (1193, 9683),

Gene: Turj99_10 Start: 6754, Stop: 8442, Start Num: 95
Candidate Starts for Turj99_10:
(Start: 95 @6754 has 435 MA's), (Start: 258 @6934 has 2 MA's), (311, 7018), (327, 7054), (411, 7204), (469, 7312), (510, 7402), (518, 7426), (553, 7501), (591, 7570), (620, 7657), (644, 7717), (819, 7951), (832, 7963), (862, 8005), (882, 8026), (908, 8053), (985, 8161), (1070, 8251), (1139, 8356),

Gene: Turuncu_28 Start: 13351, Stop: 15027, Start Num: 111
Candidate Starts for Turuncu_28:
(Start: 111 @13351 has 202 MA's), (222, 13501), (251, 13558), (Start: 272 @13585 has 48 MA's), (281, 13597), (299, 13627), (514, 14011), (523, 14038), (604, 14206), (608, 14218), (621, 14251), (675, 14329), (745, 14410), (800, 14479), (820, 14515), (839, 14545), (893, 14626), (901, 14641), (942, 14701), (988, 14749), (1139, 14935), (1157, 14965),

Gene: Tutumahutu_2 Start: 533, Stop: 2290, Start Num: 95
Candidate Starts for Tutumahutu_2:
(13, 242), (16, 251), (Start: 95 @533 has 435 MA's), (379, 905), (411, 962), (436, 1010), (482, 1100), (513, 1154), (570, 1274), (604, 1364), (710, 1526), (800, 1700), (985, 1955), (997, 1970), (1024, 2024), (1081, 2105), (1136, 2189), (1150, 2213),

Gene: Tweety_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Tweety_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069,

2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Tweety19_3 Start: 1419, Stop: 3110, Start Num: 95
Candidate Starts for Tweety19_3:
(Start: 95 @1419 has 435 MA's), (Start: 146 @1449 has 40 MA's), (Start: 176 @1485 has 8 MA's), (267, 1596), (373, 1779), (379, 1791), (411, 1848), (453, 1932), (482, 1989), (775, 2478), (959, 2745), (985, 2781), (997, 2796), (1081, 2925), (1097, 2946), (1150, 3033),

Gene: Twigg_9 Start: 6157, Stop: 7908, Start Num: 63
Candidate Starts for Twigg_9:
(Start: 52 @6130 has 23 MA's), (Start: 63 @6157 has 32 MA's), (112, 6226), (196, 6340), (200, 6346), (300, 6478), (339, 6553), (341, 6556), (362, 6589), (381, 6622), (439, 6730), (449, 6754), (469, 6787), (510, 6862), (526, 6907), (565, 6985), (570, 6991), (591, 7036), (647, 7189), (661, 7210), (800, 7384), (812, 7408), (813, 7411), (862, 7471), (869, 7483), (901, 7510), (916, 7531), (979, 7615), (985, 7627), (1168, 7864), (1196, 7897), (1202, 7903),

Gene: Twister_11 Start: 6715, Stop: 8406, Start Num: 95
Candidate Starts for Twister_11:
(Start: 95 @6715 has 435 MA's), (Start: 122 @6739 has 1 MA's), (Start: 207 @6862 has 2 MA's), (300, 6982), (311, 6994), (330, 7039), (362, 7093), (378, 7120), (386, 7135), (411, 7180), (432, 7219), (458, 7267), (469, 7288), (479, 7312), (510, 7363), (570, 7486), (620, 7618), (650, 7693), (685, 7738), (740, 7804), (800, 7879), (812, 7903), (862, 7969), (901, 8008), (904, 8011), (916, 8029), (985, 8125), (1024, 8194), (1168, 8362), (1193, 8392), (1196, 8395),

Gene: TwoPeat_12 Start: 7272, Stop: 8960, Start Num: 95
Candidate Starts for TwoPeat_12:
(Start: 95 @7272 has 435 MA's), (311, 7536), (323, 7560), (411, 7722), (430, 7755), (469, 7830), (510, 7920), (518, 7944), (534, 7971), (553, 8019), (591, 8088), (620, 8175), (622, 8184), (644, 8235), (819, 8469), (832, 8481), (862, 8523), (882, 8544), (908, 8571), (985, 8679), (1070, 8769), (1139, 8874),

Gene: TyDawg_14 Start: 4719, Stop: 6263, Start Num: 130
Candidate Starts for TyDawg_14:
(Start: 130 @4719 has 21 MA's), (Start: 163 @4767 has 23 MA's), (315, 4968), (392, 5106), (512, 5298), (643, 5508), (676, 5559), (729, 5631), (789, 5694), (796, 5718), (804, 5733), (857, 5793), (862, 5805), (907, 5865), (930, 5898), (959, 5931), (977, 5958), (1007, 6006), (1143, 6192), (1158, 6213),

Gene: TygerBlood_11 Start: 6886, Stop: 8583, Start Num: 95
Candidate Starts for TygerBlood_11:
(Start: 95 @6886 has 435 MA's), (Start: 122 @6910 has 1 MA's), (Start: 207 @7033 has 2 MA's), (293, 7123), (311, 7156), (362, 7255), (408, 7339), (411, 7342), (432, 7381), (469, 7450), (479, 7474), (510, 7540), (550, 7630), (620, 7795), (661, 7882), (685, 7915), (740, 7981), (798, 8053), (800, 8056), (812, 8080), (852, 8131), (862, 8146), (901, 8185), (916, 8206), (985, 8302), (1168, 8539), (1193, 8569), (1196, 8572),

Gene: TymAbreu_4 Start: 800, Stop: 2290, Start Num: 146
Candidate Starts for TymAbreu_4:
(Start: 146 @800 has 40 MA's), (181, 845), (255, 947), (267, 965), (274, 974), (313, 1025), (315, 1028), (319, 1037), (330, 1067), (345, 1094), (415, 1193), (474, 1292), (486, 1316), (488, 1319), (491, 1322), (513, 1367), (650, 1601), (692, 1649), (694, 1661), (728, 1700), (748, 1718), (768, 1730), (770, 1733), (781, 1754), (785, 1760), (789, 1772), (838, 1850), (874, 1904), (930, 1958), (940, 1970), (970, 2015), (1005, 2063), (1081, 2147), (1125, 2204), (1175, 2273),

Gene: Typha_9 Start: 4674, Stop: 6299, Start Num: 120
Candidate Starts for Typha_9:
(57, 4593), (67, 4611), (97, 4650), (Start: 108 @4662 has 5 MA's), (Start: 114 @4668 has 11 MA's), (Start: 120 @4674 has 11 MA's), (Start: 125 @4680 has 1 MA's), (243, 4848), (248, 4860), (254, 4872), (342, 5016), (389, 5112), (392, 5121), (437, 5199), (439, 5205), (485, 5262), (496, 5277), (534, 5367), (547, 5400), (548, 5403), (615, 5475), (637, 5532), (665, 5580), (682, 5601), (687, 5613), (693, 5625), (709, 5649), (730, 5673), (733, 5679), (780, 5736), (789, 5754), (861, 5856), (884, 5898), (930, 5961), (938, 5970), (942, 5976), (1023, 6090), (1047, 6102), (1062, 6120), (1094, 6162), (1123, 6204), (1132, 6219),

Gene: Typhonomachy_4 Start: 1113, Stop: 2792, Start Num: 143
Candidate Starts for Typhonomachy_4:
(Start: 143 @1113 has 83 MA's), (Start: 191 @1164 has 2 MA's), (205, 1185), (Start: 207 @1188 has 2 MA's), (254, 1230), (300, 1311), (334, 1377), (339, 1386), (378, 1458), (386, 1473), (405, 1509), (411, 1518), (434, 1569), (482, 1668), (513, 1722), (532, 1758), (598, 1902), (609, 1938), (635, 2010), (661, 2058), (685, 2091), (697, 2115), (738, 2148), (776, 2181), (798, 2238), (803, 2247), (859, 2331), (882, 2358), (929, 2418), (1001, 2514), (1072, 2586), (1081, 2598), (1165, 2718), (1213, 2778), (1214, 2781),

Gene: Tyrellus_3 Start: 1086, Stop: 2546, Start Num: 149
Candidate Starts for Tyrellus_3:
(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (642, 1881), (649, 1896), (674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: Tyson_4 Start: 1052, Stop: 2635, Start Num: 93
Candidate Starts for Tyson_4:
(Start: 93 @1052 has 92 MA's), (Start: 99 @1058 has 9 MA's), (238, 1229), (304, 1316), (313, 1334), (316, 1340), (330, 1376), (420, 1514), (422, 1517), (464, 1592), (494, 1646), (496, 1649), (498, 1652), (591, 1820), (632, 1874), (637, 1883), (643, 1898), (653, 1919), (685, 1958), (694, 1979), (699, 1985), (722, 2012), (759, 2054), (776, 2078), (786, 2096), (789, 2105), (790, 2111), (804, 2144), (834, 2177), (862, 2216), (865, 2222), (867, 2225), (912, 2270), (962, 2336), (999, 2387), (1005, 2402), (1008, 2411), (1016, 2426), (1018, 2429), (1125, 2531), (1140, 2558), (1181, 2609), (1183, 2612),

Gene: U2_11 Start: 6935, Stop: 8623, Start Num: 95
Candidate Starts for U2_11:
(Start: 95 @6935 has 435 MA's), (311, 7199), (323, 7223), (394, 7358), (411, 7385), (430, 7418), (469, 7493), (510, 7583), (518, 7607), (534, 7634), (553, 7682), (591, 7751), (620, 7838), (642, 7895), (644, 7898), (813, 8123), (819, 8132), (832, 8144), (862, 8186), (882, 8207), (908, 8234), (985, 8342), (1070, 8432), (1139, 8537),

Gene: UPIE_4 Start: 1059, Stop: 2636, Start Num: 99
Candidate Starts for UPIE_4:
(Start: 93 @1053 has 92 MA's), (Start: 99 @1059 has 9 MA's), (238, 1230), (304, 1317), (313, 1335), (316, 1341), (330, 1377), (420, 1515), (422, 1518), (464, 1593), (494, 1647), (496, 1650), (498, 1653), (591, 1821), (632, 1875), (637, 1884), (643, 1899), (653, 1920), (685, 1959), (694, 1980), (699, 1986), (722, 2013), (759, 2055), (776, 2079), (786, 2097), (789, 2106), (790, 2112), (804, 2145), (834, 2178), (862, 2217), (865, 2223), (867, 2226), (912, 2271), (962, 2337), (999, 2388), (1005, 2403), (1008, 2412), (1016, 2427), (1018, 2430), (1125, 2532), (1140, 2559), (1181, 2610), (1183, 2613),

Gene: Ubuntu_5 Start: 1855, Stop: 3489, Start Num: 61
Candidate Starts for Ubuntu_5:

(Start: 61 @1855 has 21 MA's), (Start: 98 @1894 has 3 MA's), (156, 1942), (Start: 280 @2113 has 2 MA's), (313, 2152), (421, 2332), (427, 2341), (431, 2350), (464, 2413), (468, 2419), (511, 2503), (512, 2506), (513, 2509), (558, 2605), (559, 2608), (564, 2617), (621, 2683), (643, 2713), (658, 2740), (685, 2773), (696, 2794), (698, 2797), (767, 2893), (779, 2914), (829, 3004), (859, 3046), (869, 3064), (872, 3070), (932, 3133), (936, 3139), (939, 3142), (972, 3187), (979, 3193), (999, 3220), (1005, 3235), (1046, 3286), (1053, 3295), (1068, 3310), (1070, 3313), (1102, 3352), (1116, 3367), (1123, 3382), (1126, 3385), (1197, 3463), (1203, 3469),

Gene: Ugenie5_10 Start: 8142, Stop: 9929, Start Num: 96
Candidate Starts for Ugenie5_10:
(Start: 96 @8142 has 243 MA's), (Start: 114 @8157 has 11 MA's), (Start: 120 @8163 has 11 MA's), (200, 8274), (250, 8373), (339, 8535), (381, 8607), (411, 8661), (432, 8700), (469, 8772), (510, 8862), (518, 8886), (580, 9003), (584, 9018), (622, 9126), (659, 9201), (685, 9237), (717, 9297), (806, 9417), (817, 9438), (852, 9477), (901, 9531), (904, 9534), (916, 9552), (954, 9606), (979, 9636), (985, 9648), (1070, 9738), (1083, 9756), (1168, 9885), (1191, 9912), (1193, 9915),

Gene: UhSalsa_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for UhSalsa_8:
(Start: 104 @3156 has 36 MA's), (Start: 258 @3342 has 2 MA's), (300, 3414), (311, 3426), (323, 3450), (327, 3462), (411, 3615), (420, 3630), (449, 3690), (510, 3798), (534, 3855), (618, 4053), (623, 4071), (647, 4125), (742, 4236), (778, 4269), (800, 4311), (817, 4344), (869, 4413), (985, 4557), (1010, 4602), (1081, 4662), (1142, 4761), (1168, 4794), (1191, 4821), (1193, 4824), (1196, 4827),

Gene: Ukulele_8 Start: 2277, Stop: 3947, Start Num: 272
Candidate Starts for Ukulele_8:
(Start: 272 @2277 has 48 MA's), (309, 2340), (435, 2574), (487, 2676), (570, 2856), (576, 2880), (585, 2898), (595, 2910), (616, 2973), (621, 2985), (642, 3030), (649, 3045), (700, 3123), (728, 3168), (759, 3222), (760, 3228), (814, 3342), (910, 3486), (933, 3522), (1014, 3675), (1022, 3687), (1065, 3744), (1091, 3780), (1124, 3831), (1142, 3867), (1145, 3870), (1193, 3936),

Gene: Ulysses_10 Start: 6603, Stop: 8300, Start Num: 95
Candidate Starts for Ulysses_10:
(Start: 95 @6603 has 435 MA's), (Start: 122 @6627 has 1 MA's), (Start: 207 @6750 has 2 MA's), (293, 6840), (311, 6873), (362, 6972), (408, 7056), (411, 7059), (432, 7098), (469, 7167), (479, 7191), (510, 7257), (550, 7347), (620, 7512), (661, 7599), (685, 7632), (740, 7698), (798, 7770), (800, 7773), (812, 7797), (852, 7848), (862, 7863), (901, 7902), (916, 7923), (985, 8019), (1168, 8256), (1193, 8286), (1196, 8289),

Gene: Underpass_4 Start: 1069, Stop: 2637, Start Num: 93
Candidate Starts for Underpass_4:
(Start: 93 @1069 has 92 MA's), (Start: 99 @1075 has 9 MA's), (228, 1231), (419, 1528), (422, 1534), (450, 1594), (494, 1666), (498, 1672), (558, 1792), (591, 1840), (632, 1894), (643, 1918), (671, 1963), (676, 1969), (694, 1999), (699, 2005), (722, 2032), (729, 2041), (776, 2098), (779, 2104), (789, 2125), (790, 2131), (838, 2206), (845, 2209), (867, 2245), (912, 2290), (962, 2356), (1008, 2431), (1018, 2449), (1024, 2458), (1158, 2605), (1181, 2629), (1183, 2632),

Gene: UnionJack_9 Start: 5697, Stop: 7475, Start Num: 52
Candidate Starts for UnionJack_9:
(Start: 52 @5697 has 23 MA's), (Start: 63 @5724 has 32 MA's), (112, 5793), (139, 5832), (196, 5907), (200, 5913), (300, 6045), (339, 6120), (341, 6123), (439, 6297), (449, 6321), (510, 6429), (526, 6474), (565, 6552), (570, 6558), (632, 6723), (647, 6756), (661, 6777), (800, 6951), (862, 7038), (869, 7050), (901, 7077), (916, 7098), (979, 7182), (985, 7194), (1167, 7428), (1168, 7431), (1196, 7464), (1202, 7470),

Gene: Unstoppable_6 Start: 2420, Stop: 4048, Start Num: 86
Candidate Starts for Unstoppable_6:
(Start: 73 @2402 has 95 MA's), (Start: 86 @2420 has 10 MA's), (283, 2624), (326, 2705), (400, 2840), (413, 2861), (458, 2948), (497, 3020), (510, 3044), (556, 3143), (584, 3197), (638, 3296), (673, 3356), (806, 3518), (811, 3527), (869, 3617), (901, 3644), (957, 3722), (959, 3725), (985, 3764), (1001, 3785), (1003, 3791), (1010, 3809), (1105, 3905), (1142, 3965),

Gene: Untouchable_16 Start: 9228, Stop: 10973, Start Num: 187
Candidate Starts for Untouchable_16:
(Start: 187 @9228 has 203 MA's), (195, 9234), (254, 9327), (274, 9363), (302, 9417), (322, 9447), (395, 9594), (444, 9702), (451, 9720), (454, 9723), (492, 9792), (522, 9876), (530, 9894), (555, 9951), (604, 10080), (644, 10179), (647, 10185), (704, 10284), (726, 10308), (863, 10494), (868, 10503), (916, 10569), (929, 10590), (931, 10593), (1051, 10773), (1069, 10818), (1071, 10821), (1080, 10833), (1136, 10923), (1139, 10926),

Gene: Updawg_14 Start: 7926, Stop: 9713, Start Num: 96
Candidate Starts for Updawg_14:
(23, 7740), (50, 7842), (Start: 96 @7926 has 243 MA's), (179, 8034), (193, 8055), (241, 8145), (250, 8163), (381, 8394), (408, 8445), (411, 8448), (469, 8556), (510, 8646), (518, 8670), (584, 8802), (800, 9189), (901, 9315), (916, 9336), (979, 9420), (985, 9432), (1168, 9669), (1191, 9696), (1193, 9699), (1196, 9702), (1199, 9705),

Gene: Upsilon_3 Start: 1104, Stop: 2564, Start Num: 149
Candidate Starts for Upsilon_3:
(Start: 149 @1104 has 162 MA's), (Start: 154 @1110 has 4 MA's), (Start: 272 @1272 has 48 MA's), (278, 1281), (315, 1341), (348, 1410), (366, 1431), (387, 1467), (394, 1482), (520, 1686), (592, 1821), (642, 1899), (649, 1914), (661, 1932), (674, 1950), (703, 1992), (739, 2025), (765, 2043), (834, 2163), (835, 2166), (848, 2178), (857, 2190), (905, 2253), (941, 2310), (944, 2316), (949, 2325), (958, 2334), (960, 2337), (1098, 2499), (1104, 2508), (1110, 2517), (1135, 2556),

Gene: Upyo_2 Start: 552, Stop: 2117, Start Num: 162
Candidate Starts for Upyo_2:
(Start: 162 @552 has 7 MA's), (170, 567), (198, 603), (319, 780), (342, 834), (363, 858), (420, 954), (427, 969), (464, 1020), (496, 1068), (516, 1119), (520, 1131), (547, 1191), (550, 1197), (552, 1203), (650, 1356), (733, 1455), (744, 1467), (785, 1518), (788, 1524), (804, 1563), (838, 1617), (857, 1635), (927, 1749), (983, 1821), (1014, 1875), (1072, 1956), (1201, 2109),

Gene: Urla_2 Start: 426, Stop: 1991, Start Num: 129
Candidate Starts for Urla_2:
(Start: 129 @426 has 79 MA's), (254, 615), (Start: 268 @636 has 4 MA's), (316, 696), (330, 732), (342, 756), (347, 762), (364, 780), (425, 882), (452, 942), (496, 1011), (500, 1017), (521, 1077), (548, 1137), (569, 1173), (625, 1236), (637, 1266), (692, 1362), (768, 1449), (804, 1524), (834, 1557), (838, 1566), (861, 1593), (923, 1668), (939, 1689), (941, 1692), (1008, 1755), (1022, 1779), (1095, 1857), (1122, 1896), (1192, 1977),

Gene: Urza_6 Start: 2578, Stop: 4239, Start Num: 73
Candidate Starts for Urza_6:
(Start: 73 @2578 has 95 MA's), (237, 2761), (267, 2797), (365, 2968), (400, 3031), (432, 3088), (458, 3139), (497, 3211), (510, 3235), (521, 3268), (540, 3304), (556, 3334), (570, 3355), (605, 3448), (638, 3487), (648, 3511), (673, 3547), (800, 3697), (811, 3718), (825, 3739), (904, 3838), (985, 3955), (1010, 4000),

Gene: UtzChips_2 Start: 634, Stop: 2352, Start Num: 93
Candidate Starts for UtzChips_2:
(Start: 93 @634 has 92 MA's), (373, 1006), (400, 1057), (411, 1075), (482, 1225), (773, 1720), (985, 2026), (997, 2041), (1105, 2206), (1150, 2278),

Gene: Uzumaki_8 Start: 3513, Stop: 5246, Start Num: 187
Candidate Starts for Uzumaki_8:
(Start: 187 @3513 has 203 MA's), (254, 3612), (388, 3849), (413, 3897), (444, 3975), (451, 3993), (454, 3996), (492, 4065), (530, 4167), (539, 4191), (570, 4248), (604, 4353), (644, 4452), (661, 4482), (685, 4524), (726, 4581), (771, 4650), (778, 4662), (868, 4776), (876, 4794), (929, 4863), (931, 4866), (1051, 5046), (1059, 5070), (1071, 5094), (1080, 5106), (1089, 5118), (1112, 5151), (1136, 5196), (1139, 5199),

Gene: VA6_12 Start: 7428, Stop: 9218, Start Num: 96
Candidate Starts for VA6_12:
(25, 7254), (Start: 96 @7428 has 243 MA's), (179, 7536), (193, 7557), (250, 7665), (411, 7953), (469, 8061), (510, 8151), (518, 8175), (580, 8292), (584, 8307), (733, 8607), (869, 8793), (901, 8820), (916, 8841), (985, 8937), (1168, 9174), (1191, 9201), (1193, 9204),

Gene: VC3_15 Start: 7374, Stop: 9164, Start Num: 96
Candidate Starts for VC3_15:
(51, 7296), (77, 7347), (Start: 96 @7374 has 243 MA's), (179, 7482), (193, 7503), (227, 7569), (250, 7611), (262, 7635), (339, 7773), (408, 7893), (411, 7896), (469, 8007), (510, 8097), (518, 8121), (550, 8187), (571, 8223), (583, 8250), (584, 8253), (733, 8553), (800, 8640), (817, 8673), (869, 8739), (901, 8766), (916, 8787), (979, 8871), (985, 8883), (1072, 8976), (1083, 8991), (1168, 9120), (1191, 9147), (1193, 9150),

Gene: VRedHorse_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for VRedHorse_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (Start: 158 @629 has 2 MA's), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (244, 758), (312, 845), (352, 905), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (415, 998), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (584, 1346), (601, 1388), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1014, 1964), (1024, 1979), (1069, 2006), (1087, 2030), (1094, 2039), (1107, 2060), (1112, 2066), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: VResidence_2 Start: 601, Stop: 2307, Start Num: 101
Candidate Starts for VResidence_2:
(Start: 101 @601 has 7 MA's), (Start: 110 @610 has 12 MA's), (Start: 146 @631 has 40 MA's), (Start: 191 @688 has 2 MA's), (411, 1030), (422, 1051), (436, 1078), (482, 1168), (499, 1192), (532, 1267), (570, 1342), (687, 1555), (710, 1594), (800, 1717), (959, 1936), (985, 1972), (997, 1987), (1150, 2230),

Gene: VWB_2 Start: 559, Stop: 2169, Start Num: 200
Candidate Starts for VWB_2:
(Start: 140 @493 has 9 MA's), (200, 559), (290, 661), (295, 676), (339, 766), (375, 823), (378, 838), (386, 853), (411, 898), (514, 1093), (598, 1270), (623, 1345), (707, 1498), (746, 1525), (749, 1528), (776, 1549), (791, 1588), (825, 1651), (856, 1711), (862, 1726), (904, 1768), (908, 1774), (959, 1846), (963, 1852), (984, 1882), (999, 1903), (1075, 1981), (1115, 2035), (1185, 2149),

Gene: Vallejo_5 Start: 3064, Stop: 4629, Start Num: 129

Candidate Starts for Vallejo_5:
(Start: 129 @3064 has 79 MA's), (Start: 268 @3274 has 4 MA's), (Start: 272 @3277 has 48 MA's), (313, 3328), (338, 3385), (342, 3394), (364, 3418), (485, 3634), (496, 3649), (500, 3655), (521, 3715), (548, 3775), (625, 3874), (637, 3904), (692, 4000), (764, 4078), (768, 4087), (787, 4123), (804, 4162), (834, 4195), (838, 4204), (861, 4231), (912, 4285), (939, 4327), (982, 4348), (1001, 4372), (1008, 4393), (1022, 4417), (1095, 4495), (1192, 4615),

Gene: Vanisius_3 Start: 1086, Stop: 2546, Start Num: 149
Candidate Starts for Vanisius_3:
(Start: 149 @1086 has 162 MA's), (Start: 154 @1092 has 4 MA's), (Start: 272 @1254 has 48 MA's), (278, 1263), (315, 1323), (348, 1392), (366, 1413), (394, 1464), (520, 1668), (642, 1881), (649, 1896), (674, 1932), (703, 1974), (739, 2007), (765, 2025), (834, 2145), (835, 2148), (848, 2160), (905, 2235), (944, 2298), (958, 2316), (960, 2319), (1098, 2481), (1104, 2490), (1110, 2499), (1135, 2538),

Gene: Vanisoa_11 Start: 6197, Stop: 7987, Start Num: 96
Candidate Starts for Vanisoa_11:
(Start: 96 @6197 has 243 MA's), (Start: 114 @6212 has 11 MA's), (200, 6329), (250, 6428), (339, 6590), (357, 6623), (381, 6662), (411, 6716), (432, 6755), (469, 6827), (480, 6854), (510, 6917), (518, 6941), (580, 7058), (584, 7073), (622, 7181), (659, 7256), (718, 7355), (746, 7388), (806, 7472), (817, 7493), (901, 7589), (904, 7592), (916, 7610), (954, 7664), (979, 7694), (985, 7706), (1072, 7799), (1083, 7814), (1119, 7865), (1168, 7943), (1191, 7970), (1193, 7973),

Gene: Vanseggelen_9 Start: 2121, Stop: 3767, Start Num: 73
Candidate Starts for Vanseggelen_9:
(Start: 68 @2112 has 2 MA's), (Start: 73 @2121 has 95 MA's), (Start: 74 @2124 has 1 MA's), (Start: 86 @2139 has 10 MA's), (150, 2193), (283, 2343), (295, 2364), (365, 2496), (378, 2517), (386, 2532), (400, 2559), (405, 2568), (413, 2580), (458, 2667), (480, 2715), (482, 2718), (497, 2739), (510, 2763), (556, 2862), (638, 3015), (647, 3036), (673, 3075), (719, 3135), (800, 3225), (803, 3231), (811, 3246), (817, 3258), (852, 3309), (869, 3336), (901, 3363), (954, 3438), (985, 3483), (1003, 3510), (1010, 3528), (1142, 3684),

Gene: Vardy_17 Start: 10268, Stop: 12013, Start Num: 187
Candidate Starts for Vardy_17:
(Start: 187 @10268 has 203 MA's), (195, 10274), (252, 10361), (254, 10367), (274, 10403), (302, 10457), (322, 10487), (395, 10634), (444, 10742), (451, 10760), (454, 10763), (492, 10832), (522, 10916), (530, 10934), (555, 10991), (604, 11120), (644, 11219), (647, 11225), (704, 11324), (726, 11348), (863, 11534), (868, 11543), (916, 11609), (929, 11630), (931, 11633), (1069, 11858), (1071, 11861), (1080, 11873), (1136, 11963), (1139, 11966),

Gene: Vash_2 Start: 591, Stop: 2153, Start Num: 280
Candidate Starts for Vash_2:
(Start: 280 @591 has 2 MA's), (318, 660), (411, 816), (435, 864), (475, 945), (476, 948), (487, 969), (489, 972), (501, 990), (504, 999), (513, 1020), (528, 1053), (539, 1083), (547, 1098), (597, 1191), (649, 1314), (683, 1347), (700, 1380), (759, 1479), (795, 1542), (799, 1548), (835, 1617), (841, 1623), (869, 1668), (872, 1674), (910, 1722), (974, 1827), (975, 1830), (984, 1848), (1088, 2004), (1117, 2028), (1118, 2031), (1163, 2103),

Gene: VasuNzinga_35 Start: 10327, Stop: 12069, Start Num: 143
Candidate Starts for VasuNzinga_35:
(Start: 143 @10327 has 83 MA's), (253, 10444), (283, 10489), (305, 10555), (306, 10570), (323, 10603), (324, 10606), (329, 10621), (341, 10645), (342, 10648), (362, 10678), (375, 10699), (378, 10717), (383, 10726), (402, 10762), (411, 10777), (434, 10822), (458, 10864), (477, 10903), (482, 10915), (497, 10936), (519, 10987), (534, 11008), (635, 11230), (697, 11335), (704, 11344), (749,

11377), (776, 11398), (778, 11401), (789, 11428), (800, 11458), (806, 11470), (813, 11485), (819, 11494), (825, 11500), (852, 11542), (858, 11551), (865, 11566), (882, 11581), (929, 11641), (954, 11680), (980, 11713), (1001, 11743), (1002, 11746), (1040, 11830), (1081, 11884), (1092, 11899), (1113, 11926), (1142, 11980), (1211, 12052), (1213, 12055),

Gene: Vendetta_7 Start: 3467, Stop: 5074, Start Num: 159
Candidate Starts for Vendetta_7:
(Start: 99 @3389 has 9 MA's), (Start: 159 @3467 has 6 MA's), (316, 3695), (364, 3779), (378, 3800), (389, 3821), (464, 3959), (500, 4013), (535, 4100), (536, 4103), (548, 4133), (628, 4238), (681, 4340), (768, 4463), (811, 4550), (830, 4565), (838, 4580), (891, 4643), (944, 4712), (971, 4754), (983, 4778), (1013, 4829), (1014, 4832), (1046, 4865), (1095, 4931), (1130, 4982), (1195, 5060), (1206, 5066),

Gene: Verabelle_7 Start: 2488, Stop: 4134, Start Num: 73
Candidate Starts for Verabelle_7:
(Start: 73 @2488 has 95 MA's), (Start: 86 @2506 has 10 MA's), (283, 2710), (326, 2791), (327, 2794), (400, 2926), (413, 2947), (458, 3034), (510, 3130), (550, 3217), (556, 3229), (584, 3283), (673, 3442), (687, 3460), (800, 3592), (811, 3613), (862, 3691), (869, 3703), (901, 3730), (959, 3811), (985, 3850), (1003, 3877), (1010, 3895), (1157, 4072),

Gene: Veracruz_11 Start: 7044, Stop: 8741, Start Num: 95
Candidate Starts for Veracruz_11:
(Start: 95 @7044 has 435 MA's), (Start: 122 @7068 has 1 MA's), (311, 7314), (403, 7488), (411, 7500), (432, 7539), (438, 7551), (469, 7608), (479, 7632), (510, 7698), (513, 7707), (550, 7788), (570, 7821), (620, 7953), (623, 7965), (647, 8019), (661, 8040), (685, 8073), (732, 8127), (800, 8214), (812, 8238), (813, 8241), (817, 8247), (825, 8256), (862, 8304), (901, 8343), (904, 8346), (916, 8364), (985, 8460), (1014, 8514), (1145, 8667), (1168, 8697), (1193, 8727), (1196, 8730),

Gene: Verse_6 Start: 2569, Stop: 4215, Start Num: 73
Candidate Starts for Verse_6:
(Start: 68 @2560 has 2 MA's), (Start: 73 @2569 has 95 MA's), (Start: 74 @2572 has 1 MA's), (Start: 86 @2587 has 10 MA's), (150, 2641), (Start: 167 @2665 has 4 MA's), (283, 2791), (326, 2872), (378, 2965), (386, 2980), (400, 3007), (405, 3016), (413, 3028), (458, 3115), (480, 3163), (510, 3211), (556, 3310), (580, 3349), (638, 3463), (647, 3484), (673, 3523), (800, 3673), (803, 3679), (811, 3694), (817, 3706), (852, 3757), (901, 3811), (957, 3889), (959, 3892), (985, 3931), (1003, 3958), (1010, 3976), (1142, 4132),

Gene: Veteran_2 Start: 588, Stop: 2225, Start Num: 111
Candidate Starts for Veteran_2:
(Start: 111 @588 has 202 MA's), (Start: 125 @603 has 1 MA's), (Start: 129 @612 has 79 MA's), (133, 618), (Start: 158 @645 has 2 MA's), (Start: 185 @669 has 2 MA's), (188, 672), (224, 735), (230, 753), (244, 774), (312, 861), (315, 867), (352, 921), (369, 933), (377, 945), (381, 954), (383, 957), (392, 978), (404, 999), (415, 1014), (440, 1071), (461, 1110), (502, 1179), (505, 1185), (514, 1215), (515, 1218), (518, 1227), (523, 1242), (534, 1260), (557, 1311), (604, 1413), (711, 1584), (726, 1596), (748, 1614), (800, 1680), (816, 1710), (818, 1713), (820, 1716), (869, 1773), (884, 1788), (889, 1794), (893, 1797), (901, 1812), (908, 1821), (957, 1890), (982, 1920), (1006, 1962), (1014, 1980), (1024, 1995), (1069, 2022), (1094, 2055), (1112, 2082), (1114, 2085), (1127, 2106), (1139, 2130), (1142, 2139), (1145, 2142), (1184, 2199),

Gene: Vetrix_4 Start: 1069, Stop: 2637, Start Num: 93
Candidate Starts for Vetrix_4:
(Start: 93 @1069 has 92 MA's), (Start: 99 @1075 has 9 MA's), (228, 1231), (419, 1528), (422, 1534), (450, 1594), (494, 1666), (498, 1672), (558, 1792), (591, 1840), (632, 1894), (643, 1918), (671, 1963), (676, 1969), (694, 1999), (699, 2005), (722, 2032), (729, 2041), (776, 2098), (779, 2104), (789, 2125),

(790, 2131), (838, 2206), (845, 2209), (867, 2245), (912, 2290), (962, 2356), (1008, 2431), (1018, 2449), (1024, 2458), (1158, 2605), (1181, 2629), (1183, 2632),

Gene: VieEnRose_6 Start: 2652, Stop: 4313, Start Num: 73
Candidate Starts for VieEnRose_6:
(Start: 73 @2652 has 95 MA's), (237, 2835), (267, 2871), (365, 3042), (400, 3105), (432, 3162), (458, 3213), (497, 3285), (510, 3309), (521, 3342), (540, 3378), (556, 3408), (570, 3429), (605, 3522), (638, 3561), (648, 3585), (673, 3621), (719, 3681), (800, 3771), (811, 3792), (825, 3813), (904, 3912), (985, 4029), (1010, 4074),

Gene: Vine_5 Start: 1901, Stop: 3577, Start Num: 143
Candidate Starts for Vine_5:
(Start: 143 @1901 has 83 MA's), (Start: 191 @1952 has 2 MA's), (205, 1973), (254, 2018), (283, 2060), (300, 2096), (334, 2162), (386, 2258), (405, 2294), (411, 2303), (413, 2306), (434, 2354), (438, 2366), (482, 2453), (514, 2510), (574, 2633), (598, 2687), (678, 2867), (697, 2900), (776, 2966), (803, 3032), (806, 3038), (862, 3122), (929, 3203), (954, 3236), (1003, 3305), (1081, 3383), (1145, 3482), (1165, 3503), (1168, 3509), (1213, 3563), (1214, 3566),

Gene: Vinye_5 Start: 799, Stop: 2292, Start Num: 149
Candidate Starts for Vinye_5:
(Start: 149 @799 has 162 MA's), (181, 841), (255, 943), (274, 970), (315, 1024), (319, 1033), (330, 1063), (334, 1072), (394, 1165), (486, 1312), (488, 1315), (513, 1363), (523, 1393), (551, 1444), (555, 1450), (562, 1462), (591, 1504), (612, 1525), (694, 1657), (722, 1690), (768, 1732), (812, 1825), (831, 1840), (874, 1906), (967, 2011), (1002, 2056), (1005, 2065), (1056, 2125), (1081, 2149), (1095, 2164), (1125, 2206), (1131, 2218),

Gene: Violac_2 Start: 571, Stop: 2208, Start Num: 111
Candidate Starts for Violac_2:
(Start: 111 @571 has 202 MA's), (Start: 118 @580 has 1 MA's), (Start: 129 @595 has 79 MA's), (Start: 158 @628 has 2 MA's), (Start: 185 @652 has 2 MA's), (188, 655), (224, 718), (244, 757), (312, 844), (352, 904), (369, 916), (377, 928), (381, 937), (383, 940), (392, 961), (404, 982), (440, 1054), (461, 1093), (502, 1162), (505, 1168), (514, 1198), (515, 1201), (518, 1210), (523, 1225), (534, 1243), (557, 1294), (584, 1345), (604, 1396), (711, 1567), (723, 1576), (726, 1579), (800, 1663), (816, 1693), (818, 1696), (820, 1699), (869, 1756), (884, 1771), (889, 1777), (893, 1780), (901, 1795), (908, 1804), (957, 1873), (982, 1903), (988, 1912), (1006, 1945), (1014, 1963), (1024, 1978), (1069, 2005), (1094, 2038), (1112, 2065), (1114, 2068), (1127, 2089), (1139, 2113), (1142, 2122), (1145, 2125), (1184, 2182),

Gene: Vitas_2 Start: 593, Stop: 2155, Start Num: 171
Candidate Starts for Vitas_2:
(Start: 171 @593 has 84 MA's), (Start: 245 @701 has 2 MA's), (278, 749), (342, 857), (347, 863), (360, 872), (363, 878), (364, 881), (422, 977), (464, 1040), (521, 1154), (548, 1214), (558, 1232), (665, 1460), (699, 1505), (796, 1643), (1057, 1970), (1195, 2144), (1201, 2147),

Gene: VitulaEligans_3 Start: 1155, Stop: 2615, Start Num: 149
Candidate Starts for VitulaEligans_3:
(Start: 149 @1155 has 162 MA's), (Start: 154 @1161 has 4 MA's), (Start: 272 @1323 has 48 MA's), (278, 1332), (315, 1392), (348, 1461), (366, 1482), (394, 1533), (520, 1737), (592, 1872), (642, 1950), (649, 1965), (674, 2001), (703, 2043), (739, 2076), (765, 2094), (834, 2214), (835, 2217), (848, 2229), (905, 2304), (944, 2367), (958, 2385), (960, 2388), (1098, 2550), (1104, 2559), (1110, 2568),

Gene: Vivum_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for Vivum_2:

(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (Start: 158 @629 has 2 MA's), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (244, 758), (312, 845), (352, 905), (369, 917), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (601, 1388), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1024, 1979), (1069, 2006), (1094, 2039), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: Vix_13 Start: 7039, Stop: 8739, Start Num: 102
Candidate Starts for Vix_13:
(Start: 102 @7039 has 88 MA's), (137, 7087), (253, 7222), (362, 7414), (411, 7501), (510, 7699), (550, 7789), (583, 7852), (644, 8014), (800, 8212), (812, 8236), (813, 8239), (862, 8302), (869, 8314), (882, 8323), (916, 8362), (985, 8458), (1014, 8512), (1070, 8548), (1168, 8695), (1193, 8725), (1196, 8728),

Gene: VohminGhazi_15 Start: 7533, Stop: 9287, Start Num: 96
Candidate Starts for VohminGhazi_15:
(Start: 96 @7533 has 243 MA's), (250, 7764), (283, 7815), (300, 7851), (339, 7926), (411, 8049), (432, 8088), (469, 8157), (479, 8181), (480, 8184), (510, 8247), (518, 8271), (570, 8370), (571, 8373), (583, 8400), (584, 8403), (740, 8688), (806, 8775), (812, 8787), (862, 8850), (901, 8889), (916, 8910), (979, 8994), (985, 9006), (1168, 9243), (1191, 9270), (1193, 9273),

Gene: VroomVroom_2 Start: 553, Stop: 2283, Start Num: 93
Candidate Starts for VroomVroom_2:
(Start: 93 @553 has 92 MA's), (Start: 191 @667 has 2 MA's), (300, 811), (367, 931), (373, 940), (400, 991), (411, 1009), (436, 1057), (482, 1150), (604, 1414), (813, 1726), (929, 1879), (985, 1954), (997, 1969), (1051, 2047), (1081, 2098), (1150, 2206), (1201, 2269),

Gene: Vulpecula_3 Start: 1027, Stop: 2607, Start Num: 182
Candidate Starts for Vulpecula_3:
(Start: 62 @850 has 1 MA's), (Start: 134 @961 has 16 MA's), (Start: 182 @1027 has 15 MA's), (Start: 246 @1123 has 12 MA's), (252, 1132), (334, 1264), (342, 1279), (364, 1303), (521, 1576), (526, 1588), (548, 1636), (559, 1657), (581, 1717), (593, 1747), (599, 1756), (628, 1819), (780, 2035), (787, 2047), (829, 2113), (838, 2128), (862, 2158), (903, 2197), (909, 2206), (915, 2215), (982, 2305), (1125, 2515), (1190, 2596),

Gene: Vulture_2 Start: 429, Stop: 1994, Start Num: 129
Candidate Starts for Vulture_2:
(Start: 129 @429 has 79 MA's), (Start: 245 @600 has 2 MA's), (313, 693), (338, 750), (342, 759), (364, 783), (394, 837), (464, 966), (521, 1080), (548, 1140), (564, 1170), (637, 1269), (642, 1284), (768, 1452), (804, 1527), (806, 1530), (834, 1560), (907, 1644), (939, 1692), (983, 1716), (1054, 1806), (1095, 1860), (1151, 1941), (1192, 1980),

Gene: Wachhund_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for Wachhund_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (Start: 158 @629 has 2 MA's), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (244, 758), (312, 845), (352, 905), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (415, 998), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (584, 1346), (601, 1388), (604, 1397), (711, 1568), (726, 1580), (748, 1598), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (988, 1913), (1014, 1964), (1024, 1979), (1069, 2006), (1087, 2030), (1094, 2039), (1107, 2060), (1112, 2066), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123),

(1145, 2126), (1184, 2183),

Gene: Waits_14 Start: 6653, Stop: 8350, Start Num: 96
Candidate Starts for Waits_14:
(Start: 96 @6653 has 243 MA's), (Start: 118 @6671 has 1 MA's), (253, 6833), (381, 7058), (411, 7112), (469, 7220), (480, 7247), (510, 7310), (518, 7334), (812, 7850), (862, 7913), (904, 7955), (985, 8069), (1081, 8174), (1168, 8306), (1191, 8333), (1193, 8336), (1196, 8339),

Gene: WalkingDead_3 Start: 947, Stop: 2572, Start Num: 171
Candidate Starts for WalkingDead_3:
(Start: 171 @947 has 84 MA's), (278, 1103), (319, 1157), (342, 1211), (360, 1226), (398, 1295), (426, 1340), (498, 1445), (500, 1448), (521, 1508), (531, 1526), (532, 1529), (542, 1556), (558, 1586), (628, 1748), (782, 1964), (829, 2039), (837, 2051), (1095, 2405),

Gene: Wallaby_7 Start: 1988, Stop: 3688, Start Num: 143
Candidate Starts for Wallaby_7:
(Start: 143 @1988 has 83 MA's), (Start: 167 @2018 has 4 MA's), (205, 2060), (300, 2198), (327, 2246), (341, 2276), (362, 2309), (378, 2345), (386, 2360), (392, 2375), (411, 2405), (434, 2456), (482, 2555), (497, 2576), (532, 2645), (550, 2687), (568, 2717), (623, 2864), (642, 2915), (685, 2978), (697, 3002), (775, 3068), (789, 3101), (796, 3125), (798, 3128), (803, 3137), (813, 3158), (834, 3185), (862, 3230), (869, 3242), (879, 3248), (901, 3269), (926, 3308), (1001, 3407), (1016, 3443), (1110, 3530), (1165, 3611), (1168, 3617), (1213, 3674), (1214, 3677),

Gene: WalterMcMickey_11 Start: 6715, Stop: 8406, Start Num: 95
Candidate Starts for WalterMcMickey_11:
(Start: 95 @6715 has 435 MA's), (Start: 122 @6739 has 1 MA's), (Start: 207 @6862 has 2 MA's), (300, 6982), (311, 6994), (330, 7039), (362, 7093), (378, 7120), (386, 7135), (411, 7180), (432, 7219), (458, 7267), (469, 7288), (479, 7312), (510, 7363), (570, 7486), (620, 7618), (650, 7693), (685, 7738), (740, 7804), (800, 7879), (812, 7903), (862, 7969), (901, 8008), (904, 8011), (916, 8029), (985, 8125), (1024, 8194), (1168, 8362), (1193, 8392), (1196, 8395),

Gene: Wamburgrxpress_4 Start: 1052, Stop: 2635, Start Num: 93
Candidate Starts for Wamburgrxpress_4:
(Start: 93 @1052 has 92 MA's), (Start: 99 @1058 has 9 MA's), (238, 1229), (304, 1316), (313, 1334), (316, 1340), (330, 1376), (420, 1514), (422, 1517), (464, 1592), (494, 1646), (496, 1649), (498, 1652), (591, 1820), (632, 1874), (637, 1883), (643, 1898), (653, 1919), (685, 1958), (694, 1979), (699, 1985), (722, 2012), (759, 2054), (776, 2078), (786, 2096), (789, 2105), (790, 2111), (804, 2144), (834, 2177), (862, 2216), (865, 2222), (867, 2225), (912, 2270), (962, 2336), (999, 2387), (1005, 2402), (1008, 2411), (1016, 2426), (1018, 2429), (1125, 2531), (1140, 2558), (1181, 2609), (1183, 2612),

Gene: Wander_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for Wander_11:
(Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (362, 7253), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Warda_2 Start: 533, Stop: 2239, Start Num: 95
Candidate Starts for Warda_2:
(Start: 95 @533 has 435 MA's), (379, 905), (411, 962), (436, 1010), (482, 1100), (513, 1154), (570, 1274), (604, 1364), (710, 1526), (800, 1649), (985, 1904), (997, 1919), (1081, 2054), (1136, 2138), (1150, 2162),

Gene: Warrior24_14 Start: 6657, Stop: 8354, Start Num: 96
Candidate Starts for Warrior24_14:
(Start: 96 @6657 has 243 MA's), (Start: 118 @6675 has 1 MA's), (253, 6837), (339, 6993), (381, 7062), (411, 7116), (469, 7224), (480, 7251), (510, 7314), (518, 7338), (812, 7854), (862, 7917), (904, 7959), (985, 8073), (1081, 8178), (1168, 8310), (1191, 8337), (1193, 8340), (1196, 8343),

Gene: Watermelon_13 Start: 7861, Stop: 9549, Start Num: 95
Candidate Starts for Watermelon_13:
(Start: 95 @7861 has 435 MA's), (311, 8125), (323, 8149), (411, 8311), (430, 8344), (469, 8419), (510, 8509), (518, 8533), (534, 8560), (553, 8608), (591, 8677), (620, 8764), (644, 8824), (819, 9058), (832, 9070), (862, 9112), (882, 9133), (908, 9160), (985, 9268), (1070, 9358), (1139, 9463),

Gene: Watson_13 Start: 6949, Stop: 8649, Start Num: 102
Candidate Starts for Watson_13:
(Start: 102 @6949 has 88 MA's), (137, 6997), (253, 7132), (362, 7324), (411, 7411), (510, 7609), (550, 7699), (583, 7762), (644, 7924), (800, 8122), (812, 8146), (813, 8149), (862, 8212), (882, 8233), (916, 8272), (985, 8368), (1014, 8422), (1070, 8458), (1168, 8605), (1193, 8635), (1196, 8638),

Gene: Wawa_5 Start: 3103, Stop: 4668, Start Num: 129
Candidate Starts for Wawa_5:
(Start: 129 @3103 has 79 MA's), (Start: 268 @3313 has 4 MA's), (Start: 272 @3316 has 48 MA's), (313, 3367), (342, 3433), (364, 3457), (485, 3673), (494, 3685), (496, 3688), (500, 3694), (521, 3754), (548, 3814), (554, 3826), (625, 3913), (637, 3943), (642, 3958), (692, 4039), (764, 4117), (768, 4126), (787, 4162), (804, 4201), (834, 4234), (838, 4243), (861, 4270), (912, 4324), (939, 4366), (1001, 4411), (1008, 4432), (1022, 4456), (1095, 4534), (1192, 4654),

Gene: Wayne_5 Start: 3150, Stop: 4718, Start Num: 129
Candidate Starts for Wayne_5:
(Start: 129 @3150 has 79 MA's), (252, 3336), (Start: 272 @3366 has 48 MA's), (313, 3417), (319, 3429), (330, 3459), (338, 3474), (364, 3507), (425, 3609), (464, 3690), (496, 3738), (521, 3804), (542, 3852), (547, 3861), (550, 3867), (615, 3936), (625, 3963), (637, 3993), (655, 4032), (787, 4212), (834, 4284), (861, 4320), (939, 4416), (1008, 4482), (1043, 4512), (1046, 4518), (1095, 4584), (1192, 4704),

Gene: Webster2_5 Start: 1855, Stop: 3489, Start Num: 61
Candidate Starts for Webster2_5:
(Start: 61 @1855 has 21 MA's), (Start: 98 @1894 has 3 MA's), (156, 1942), (Start: 280 @2113 has 2 MA's), (313, 2152), (421, 2332), (427, 2341), (431, 2350), (464, 2413), (468, 2419), (511, 2503), (512, 2506), (513, 2509), (558, 2605), (559, 2608), (564, 2617), (621, 2683), (643, 2713), (658, 2740), (685, 2773), (696, 2794), (698, 2797), (767, 2893), (779, 2914), (829, 3004), (859, 3046), (869, 3064), (872, 3070), (932, 3133), (936, 3139), (939, 3142), (972, 3187), (979, 3193), (999, 3220), (1005, 3235), (1046, 3286), (1053, 3295), (1068, 3310), (1070, 3313), (1102, 3352), (1116, 3367), (1123, 3382), (1126, 3385), (1197, 3463), (1203, 3469),

Gene: Wee_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Wee_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (381, 953), (383, 956), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054),

(1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: WeiHuaDA_18 Start: 9697, Stop: 11484, Start Num: 96
Candidate Starts for WeiHuaDA_18:
(Start: 96 @9697 has 243 MA's), (179, 9805), (193, 9826), (250, 9934), (283, 9985), (300, 10021), (408, 10216), (411, 10219), (469, 10327), (510, 10417), (518, 10441), (584, 10573), (800, 10960), (869, 11059), (901, 11086), (904, 11089), (916, 11107), (985, 11203), (1168, 11440), (1191, 11467), (1193, 11470), (1196, 11473), (1199, 11476),

Gene: Weirdo19_2 Start: 543, Stop: 2216, Start Num: 61
Candidate Starts for Weirdo19_2:
(39, 483), (53, 522), (Start: 61 @543 has 21 MA's), (248, 729), (Start: 258 @747 has 2 MA's), (Start: 271 @768 has 3 MA's), (Start: 280 @780 has 2 MA's), (284, 783), (330, 861), (331, 864), (387, 945), (443, 1044), (464, 1074), (496, 1131), (513, 1170), (572, 1293), (687, 1482), (756, 1572), (761, 1590), (764, 1596), (778, 1620), (786, 1638), (829, 1713), (834, 1719), (854, 1743), (873, 1782), (907, 1806), (912, 1812), (932, 1842), (936, 1848), (939, 1851), (962, 1878), (1005, 1944), (1046, 1995), (1053, 2004), (1070, 2022), (1109, 2067), (1120, 2076), (1123, 2085), (1146, 2121), (1149, 2127), (1216, 2205),

Gene: WelcomeAyanna_2 Start: 498, Stop: 2222, Start Num: 201
Candidate Starts for WelcomeAyanna_2:
(Start: 190 @483 has 1 MA's), (Start: 201 @498 has 43 MA's), (259, 588), (323, 702), (383, 804), (393, 828), (397, 834), (411, 858), (414, 864), (438, 915), (476, 987), (571, 1185), (590, 1227), (596, 1233), (626, 1317), (627, 1320), (641, 1344), (711, 1455), (725, 1482), (826, 1659), (999, 1932), (1001, 1935), (1003, 1941), (1011, 1962), (1030, 1995), (1034, 2001), (1066, 2049), (1073, 2058), (1091, 2082), (1114, 2100), (1145, 2157), (1194, 2214),

Gene: Werner_6 Start: 2377, Stop: 4023, Start Num: 73
Candidate Starts for Werner_6:
(Start: 73 @2377 has 95 MA's), (Start: 86 @2395 has 10 MA's), (Start: 207 @2527 has 2 MA's), (283, 2599), (300, 2635), (400, 2815), (413, 2836), (437, 2881), (458, 2923), (497, 2995), (510, 3019), (556, 3118), (565, 3133), (580, 3157), (581, 3163), (673, 3331), (800, 3481), (811, 3502), (852, 3565), (869, 3592), (959, 3700), (985, 3739), (1001, 3760), (1003, 3766), (1010, 3784), (1105, 3880), (1142, 3940), (1204, 4018),

Gene: Westerlin_7 Start: 4800, Stop: 6539, Start Num: 187
Candidate Starts for Westerlin_7:
(Start: 187 @4800 has 203 MA's), (254, 4899), (322, 5019), (376, 5118), (395, 5160), (413, 5190), (427, 5220), (444, 5268), (454, 5289), (506, 5391), (530, 5460), (539, 5484), (578, 5574), (604, 5646), (634, 5721), (644, 5745), (726, 5874), (778, 5955), (868, 6069), (876, 6087), (879, 6093), (929, 6156), (931, 6159), (1055, 6348), (1059, 6363), (1071, 6387), (1080, 6399), (1136, 6489), (1139, 6492),

Gene: Westrich_4 Start: 958, Stop: 2538, Start Num: 182
Candidate Starts for Westrich_4:
(Start: 134 @892 has 16 MA's), (Start: 182 @958 has 15 MA's), (Start: 246 @1054 has 12 MA's), (252, 1063), (255, 1072), (Start: 272 @1093 has 48 MA's), (297, 1117), (313, 1144), (319, 1156), (334, 1195), (342, 1210), (364, 1234), (378, 1255), (505, 1456), (521, 1507), (531, 1525), (548, 1567), (559, 1588), (581, 1648), (593, 1678), (599, 1687), (628, 1750), (787, 1978), (804, 2017), (829, 2044), (838, 2059), (862, 2089), (903, 2128), (956, 2206), (982, 2236), (1002, 2263), (1125, 2446), (1129, 2452), (1144, 2473), (1190, 2527),

Gene: Whabigail7_14 Start: 7898, Stop: 9685, Start Num: 96
Candidate Starts for Whabigail7_14:

(Start: 96 @7898 has 243 MA's), (179, 8006), (193, 8027), (227, 8093), (229, 8099), (250, 8135), (262, 8159), (300, 8222), (408, 8417), (411, 8420), (469, 8528), (510, 8618), (518, 8642), (553, 8717), (580, 8759), (584, 8774), (733, 9074), (869, 9260), (901, 9287), (916, 9308), (985, 9404), (1168, 9641), (1193, 9671),

Gene: Whatever_6 Start: 2377, Stop: 4023, Start Num: 73
Candidate Starts for Whatever_6:
(Start: 73 @2377 has 95 MA's), (Start: 86 @2395 has 10 MA's), (Start: 207 @2527 has 2 MA's), (283, 2599), (300, 2635), (400, 2815), (413, 2836), (437, 2881), (458, 2923), (497, 2995), (510, 3019), (556, 3118), (565, 3133), (580, 3157), (581, 3163), (673, 3331), (800, 3481), (811, 3502), (852, 3565), (869, 3592), (959, 3700), (985, 3739), (1001, 3760), (1003, 3766), (1010, 3784), (1105, 3880), (1142, 3940), (1204, 4018),

Gene: Whatsapiecost_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Whatsapiecost_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Wheeler_11 Start: 7027, Stop: 8715, Start Num: 95
Candidate Starts for Wheeler_11:
(Start: 95 @7027 has 435 MA's), (311, 7291), (323, 7315), (411, 7477), (430, 7510), (469, 7585), (510, 7675), (518, 7699), (534, 7726), (553, 7774), (620, 7930), (644, 7990), (819, 8224), (832, 8236), (862, 8278), (882, 8299), (908, 8326), (985, 8434), (1070, 8524), (1139, 8629),

Gene: Wheezy_24 Start: 12135, Stop: 13862, Start Num: 110
Candidate Starts for Wheezy_24:
(22, 11901), (49, 12030), (Start: 110 @12135 has 12 MA's), (222, 12285), (247, 12336), (251, 12342), (281, 12381), (299, 12411), (315, 12435), (324, 12453), (332, 12480), (359, 12543), (369, 12561), (514, 12846), (523, 12873), (565, 12957), (604, 13041), (608, 13053), (621, 13086), (675, 13164), (741, 13242), (800, 13314), (818, 13347), (855, 13410), (869, 13437), (893, 13461), (908, 13485), (988, 13584), (1013, 13632), (1139, 13770), (1157, 13800), (1200, 13854),

Gene: Whirlwind_6 Start: 1185, Stop: 2750, Start Num: 93
Candidate Starts for Whirlwind_6:
(Start: 93 @1185 has 92 MA's), (Start: 99 @1191 has 9 MA's), (238, 1362), (313, 1467), (319, 1479), (413, 1635), (419, 1644), (420, 1647), (422, 1650), (464, 1725), (494, 1779), (496, 1782), (498, 1785), (637, 2016), (685, 2091), (694, 2112), (699, 2118), (759, 2187), (776, 2211), (786, 2229), (790, 2244), (804, 2277), (867, 2358), (907, 2397), (912, 2403), (962, 2469), (1001, 2523), (1016, 2559), (1024, 2571), (1078, 2610), (1143, 2697), (1181, 2742), (1183, 2745),

Gene: Whitspit_12 Start: 7611, Stop: 9299, Start Num: 95
Candidate Starts for Whitspit_12:
(Start: 95 @7611 has 435 MA's), (Start: 258 @7791 has 2 MA's), (311, 7875), (327, 7911), (339, 7938), (411, 8061), (469, 8169), (510, 8259), (518, 8283), (598, 8451), (642, 8571), (644, 8574), (800, 8772), (813, 8799), (867, 8871), (882, 8883), (904, 8904), (942, 8961), (985, 9018), (1070, 9108), (1072, 9111), (1142, 9222), (1145, 9225), (1168, 9255), (1193, 9285), (1196, 9288),

Gene: Whitty_3 Start: 724, Stop: 2607, Start Num: 66
Candidate Starts for Whitty_3:
(14, 475), (Start: 66 @724 has 7 MA's), (127, 805), (131, 814), (197, 910), (204, 922), (300, 1054), (383, 1201), (386, 1207), (400, 1234), (411, 1252), (442, 1315), (514, 1450), (599, 1651), (630, 1708), (803, 1927), (835, 1978), (843, 2002), (874, 2053), (961, 2182), (980, 2221), (985, 2230), (1010, 2281), (1033, 2320), (1072, 2407), (1081, 2419), (1141, 2512), (1150, 2527), (1152, 2530),

Gene: WhoseManz_26 Start: 10017, Stop: 11744, Start Num: 111
Candidate Starts for WhoseManz_26:
(Start: 111 @10017 has 202 MA's), (Start: 158 @10080 has 2 MA's), (222, 10167), (247, 10218), (299, 10293), (303, 10302), (359, 10425), (369, 10443), (514, 10725), (523, 10752), (604, 10920), (608, 10932), (675, 11043), (818, 11226), (893, 11340), (901, 11355), (922, 11388), (988, 11463), (1112, 11607), (1139, 11649), (1157, 11679), (1186, 11721),

Gene: Whouxphf_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for Whouxphf_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (Start: 158 @629 has 2 MA's), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (244, 758), (312, 845), (352, 905), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (604, 1397), (711, 1568), (726, 1580), (748, 1598), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (1006, 1946), (1014, 1964), (1024, 1979), (1069, 2006), (1087, 2030), (1094, 2039), (1107, 2060), (1112, 2066), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: WideWale_14 Start: 7926, Stop: 9713, Start Num: 96
Candidate Starts for WideWale_14:
(23, 7740), (50, 7842), (Start: 96 @7926 has 243 MA's), (179, 8034), (193, 8055), (241, 8145), (250, 8163), (381, 8394), (408, 8445), (411, 8448), (469, 8556), (510, 8646), (518, 8670), (584, 8802), (800, 9189), (901, 9315), (916, 9336), (979, 9420), (985, 9432), (1168, 9669), (1191, 9696), (1193, 9699), (1196, 9702), (1199, 9705),

Gene: Widow_2 Start: 482, Stop: 2065, Start Num: 162
Candidate Starts for Widow_2:
(7, 53), (8, 59), (21, 158), (Start: 162 @482 has 7 MA's), (278, 656), (313, 698), (330, 740), (384, 824), (420, 884), (463, 947), (466, 953), (496, 998), (531, 1082), (547, 1121), (613, 1190), (637, 1253), (672, 1307), (709, 1355), (753, 1406), (778, 1442), (798, 1487), (804, 1499), (832, 1535), (838, 1544), (857, 1562), (927, 1673), (983, 1745), (989, 1748), (1001, 1766), (1016, 1802), (1072, 1901), (1201, 2057),

Gene: Wigberry_7 Start: 2809, Stop: 4542, Start Num: 187
Candidate Starts for Wigberry_7:
(Start: 187 @2809 has 203 MA's), (195, 2815), (229, 2863), (254, 2908), (327, 3046), (380, 3130), (399, 3169), (420, 3208), (430, 3229), (444, 3271), (454, 3292), (522, 3445), (530, 3463), (584, 3595), (644, 3748), (726, 3877), (771, 3946), (778, 3958), (868, 4072), (876, 4090), (929, 4159), (931, 4162), (962, 4213), (992, 4255), (1059, 4366), (1071, 4390), (1080, 4402), (1136, 4492), (1139, 4495),

Gene: Wiggin_10 Start: 2509, Stop: 4179, Start Num: 272
Candidate Starts for Wiggin_10:
(Start: 272 @2509 has 48 MA's), (309, 2572), (435, 2806), (487, 2908), (570, 3088), (576, 3112), (585, 3130), (595, 3142), (616, 3205), (621, 3217), (642, 3262), (649, 3277), (700, 3355), (728, 3400), (759, 3454), (760, 3460), (814, 3574), (841, 3622), (910, 3718), (922, 3739), (933, 3754), (1014, 3907), (1022, 3919), (1065, 3976), (1091, 4012), (1124, 4063), (1142, 4099), (1145, 4102), (1193, 4168),

Gene: Wigglewiggle_4 Start: 1069, Stop: 2637, Start Num: 93
Candidate Starts for Wigglewiggle_4:
(Start: 93 @1069 has 92 MA's), (Start: 99 @1075 has 9 MA's), (228, 1231), (419, 1528), (422, 1534), (450, 1594), (494, 1666), (498, 1672), (558, 1792), (591, 1840), (632, 1894), (643, 1918), (671, 1963), (676, 1969), (694, 1999), (699, 2005), (722, 2032), (729, 2041), (776, 2098), (779, 2104), (789, 2125), (790, 2131), (838, 2206), (845, 2209), (867, 2245), (912, 2290), (962, 2356), (1008, 2431), (1018, 2449), (1024, 2458), (1158, 2605), (1181, 2629), (1183, 2632),

Gene: Wiks_15 Start: 7514, Stop: 9268, Start Num: 96
Candidate Starts for Wiks_15:
(Start: 96 @7514 has 243 MA's), (200, 7646), (250, 7745), (262, 7769), (283, 7796), (300, 7832), (339, 7907), (411, 8030), (420, 8045), (432, 8069), (469, 8138), (479, 8162), (480, 8165), (510, 8228), (518, 8252), (583, 8381), (584, 8384), (623, 8495), (732, 8657), (800, 8744), (806, 8756), (812, 8768), (852, 8816), (862, 8831), (901, 8870), (916, 8891), (979, 8975), (985, 8987), (1168, 9224), (1191, 9251), (1193, 9254),

Gene: Wilbur_11 Start: 6883, Stop: 8580, Start Num: 95
Candidate Starts for Wilbur_11:
(Start: 95 @6883 has 435 MA's), (Start: 122 @6907 has 1 MA's), (Start: 207 @7030 has 2 MA's), (293, 7120), (311, 7153), (362, 7252), (408, 7336), (411, 7339), (432, 7378), (469, 7447), (479, 7471), (510, 7537), (550, 7627), (620, 7792), (661, 7879), (685, 7912), (740, 7978), (798, 8050), (800, 8053), (812, 8077), (852, 8128), (862, 8143), (901, 8182), (916, 8203), (985, 8299), (1168, 8536), (1193, 8566), (1196, 8569),

Gene: Wildcat_26 Start: 8104, Stop: 9717, Start Num: 108
Candidate Starts for Wildcat_26:
(Start: 108 @8104 has 5 MA's), (238, 8254), (248, 8272), (Start: 268 @8305 has 4 MA's), (278, 8317), (317, 8368), (319, 8371), (339, 8419), (342, 8425), (374, 8464), (377, 8467), (392, 8500), (432, 8569), (470, 8635), (478, 8653), (494, 8677), (498, 8683), (540, 8788), (572, 8830), (589, 8848), (592, 8857), (741, 9061), (747, 9067), (762, 9100), (862, 9265), (867, 9274), (870, 9280), (872, 9283), (930, 9358), (959, 9391), (968, 9406), (1016, 9487), (1140, 9640), (1153, 9661), (1155, 9664),

Gene: Wilder_4 Start: 1069, Stop: 2637, Start Num: 93
Candidate Starts for Wilder_4:
(Start: 93 @1069 has 92 MA's), (Start: 99 @1075 has 9 MA's), (228, 1231), (419, 1528), (422, 1534), (450, 1594), (494, 1666), (498, 1672), (558, 1792), (591, 1840), (632, 1894), (643, 1918), (671, 1963), (676, 1969), (694, 1999), (699, 2005), (722, 2032), (729, 2041), (776, 2098), (779, 2104), (789, 2125), (790, 2131), (838, 2206), (845, 2209), (867, 2245), (912, 2290), (962, 2356), (1008, 2431), (1018, 2449), (1024, 2458), (1158, 2605), (1181, 2629), (1183, 2632),

Gene: Wildwest_3 Start: 1478, Stop: 3184, Start Num: 95
Candidate Starts for Wildwest_3:
(13, 1187), (15, 1190), (Start: 95 @1478 has 435 MA's), (Start: 119 @1499 has 16 MA's), (Start: 176 @1544 has 8 MA's), (411, 1907), (436, 1955), (482, 2045), (570, 2219), (687, 2432), (710, 2471), (800, 2594), (852, 2678), (954, 2807), (959, 2813), (985, 2849), (997, 2864), (1081, 2999), (1142, 3095), (1150, 3107),

Gene: Wile_11 Start: 6894, Stop: 8591, Start Num: 95
Candidate Starts for Wile_11:
(Start: 95 @6894 has 435 MA's), (Start: 122 @6918 has 1 MA's), (311, 7164), (365, 7269), (408, 7347), (411, 7350), (432, 7389), (469, 7458), (479, 7482), (510, 7548), (550, 7638), (620, 7803), (638, 7848), (661, 7890), (685, 7923), (740, 7989), (798, 8061), (800, 8064), (812, 8088), (862, 8154), (901, 8193),

(916, 8214), (985, 8310), (1167, 8544), (1168, 8547), (1193, 8577), (1196, 8580),

Gene: WileyE_2 Start: 410, Stop: 1990, Start Num: 182
Candidate Starts for WileyE_2:
(Start: 120 @320 has 11 MA's), (Start: 134 @344 has 16 MA's), (Start: 182 @410 has 15 MA's), (Start: 246 @506 has 12 MA's), (252, 515), (319, 608), (334, 647), (342, 662), (521, 959), (526, 971), (531, 977), (548, 1019), (559, 1040), (581, 1100), (593, 1130), (599, 1139), (628, 1202), (780, 1418), (787, 1430), (829, 1496), (838, 1511), (862, 1541), (903, 1580), (909, 1589), (915, 1598), (982, 1688), (1125, 1898), (1190, 1979),

Gene: Wilkins_11 Start: 6738, Stop: 8426, Start Num: 95
Candidate Starts for Wilkins_11:
(Start: 95 @6738 has 435 MA's), (311, 7002), (323, 7026), (411, 7188), (430, 7221), (469, 7296), (510, 7386), (518, 7410), (534, 7437), (553, 7485), (620, 7641), (622, 7650), (642, 7698), (644, 7701), (813, 7926), (819, 7935), (832, 7947), (862, 7989), (882, 8010), (908, 8037), (985, 8145), (1070, 8235), (1139, 8340),

Gene: WillSterrel_2 Start: 575, Stop: 2212, Start Num: 111
Candidate Starts for WillSterrel_2:
(Start: 111 @575 has 202 MA's), (Start: 118 @584 has 1 MA's), (Start: 129 @599 has 79 MA's), (147, 620), (Start: 158 @632 has 2 MA's), (Start: 185 @656 has 2 MA's), (188, 659), (200, 677), (224, 722), (244, 761), (312, 848), (352, 908), (369, 920), (377, 932), (381, 941), (383, 944), (392, 965), (404, 986), (415, 1001), (440, 1058), (461, 1097), (502, 1166), (505, 1172), (514, 1202), (515, 1205), (518, 1214), (523, 1229), (534, 1247), (557, 1298), (601, 1391), (604, 1400), (711, 1571), (726, 1583), (748, 1601), (800, 1667), (816, 1697), (818, 1700), (820, 1703), (869, 1760), (884, 1775), (889, 1781), (893, 1784), (901, 1799), (908, 1808), (957, 1877), (982, 1907), (988, 1916), (1006, 1949), (1024, 1982), (1069, 2009), (1094, 2042), (1112, 2069), (1114, 2072), (1127, 2093), (1139, 2117), (1142, 2126), (1145, 2129), (1184, 2186),

Gene: Winky_4 Start: 1069, Stop: 2637, Start Num: 93
Candidate Starts for Winky_4:
(Start: 93 @1069 has 92 MA's), (Start: 99 @1075 has 9 MA's), (228, 1231), (419, 1528), (422, 1534), (450, 1594), (494, 1666), (498, 1672), (509, 1693), (558, 1792), (591, 1840), (632, 1894), (643, 1918), (671, 1963), (676, 1969), (694, 1999), (699, 2005), (722, 2032), (729, 2041), (776, 2098), (779, 2104), (789, 2125), (790, 2131), (838, 2206), (845, 2209), (867, 2245), (912, 2290), (962, 2356), (1008, 2431), (1018, 2449), (1024, 2458), (1158, 2605), (1181, 2629), (1183, 2632),

Gene: Wishmaker_5 Start: 1855, Stop: 3489, Start Num: 61
Candidate Starts for Wishmaker_5:
(Start: 61 @1855 has 21 MA's), (Start: 98 @1894 has 3 MA's), (156, 1942), (Start: 280 @2113 has 2 MA's), (313, 2152), (421, 2332), (427, 2341), (431, 2350), (464, 2413), (468, 2419), (511, 2503), (512, 2506), (513, 2509), (558, 2605), (559, 2608), (564, 2617), (621, 2683), (643, 2713), (658, 2740), (685, 2773), (696, 2794), (698, 2797), (767, 2893), (779, 2914), (829, 3004), (859, 3046), (869, 3064), (872, 3070), (932, 3133), (936, 3139), (939, 3142), (972, 3187), (979, 3193), (999, 3220), (1005, 3235), (1046, 3286), (1053, 3295), (1068, 3310), (1070, 3313), (1102, 3352), (1116, 3367), (1123, 3382), (1126, 3385), (1197, 3463), (1203, 3469),

Gene: Witch_3 Start: 1074, Stop: 2534, Start Num: 149
Candidate Starts for Witch_3:
(Start: 149 @1074 has 162 MA's), (Start: 154 @1080 has 4 MA's), (Start: 272 @1242 has 48 MA's), (278, 1251), (315, 1311), (348, 1380), (366, 1401), (394, 1452), (520, 1656), (642, 1869), (649, 1884), (674, 1920), (703, 1962), (739, 1995), (765, 2013), (834, 2133), (835, 2136), (848, 2148), (905, 2223), (944, 2286), (958, 2304), (960, 2307), (1098, 2469), (1104, 2478), (1110, 2487), (1135, 2526),

Gene: Wizard007_11 Start: 6886, Stop: 8583, Start Num: 95
Candidate Starts for Wizard007_11:
(Start: 95 @6886 has 435 MA's), (Start: 122 @6910 has 1 MA's), (Start: 207 @7033 has 2 MA's), (293, 7123), (311, 7156), (362, 7255), (408, 7339), (411, 7342), (432, 7381), (469, 7450), (479, 7474), (510, 7540), (550, 7630), (620, 7795), (661, 7882), (685, 7915), (740, 7981), (798, 8053), (800, 8056), (812, 8080), (852, 8131), (862, 8146), (901, 8185), (916, 8206), (985, 8302), (1168, 8539), (1193, 8569), (1196, 8572),

Gene: Wolfpack_3 Start: 1071, Stop: 2531, Start Num: 149
Candidate Starts for Wolfpack_3:
(Start: 149 @1071 has 162 MA's), (Start: 154 @1077 has 4 MA's), (Start: 272 @1239 has 48 MA's), (278, 1248), (315, 1308), (348, 1377), (366, 1398), (394, 1449), (520, 1653), (532, 1677), (592, 1788), (642, 1866), (649, 1881), (674, 1917), (703, 1959), (739, 1992), (765, 2010), (834, 2130), (835, 2133), (848, 2145), (905, 2220), (944, 2283), (958, 2301), (960, 2304), (1098, 2466), (1104, 2475), (1135, 2523),

Gene: Wolfwood_6 Start: 1988, Stop: 3688, Start Num: 143
Candidate Starts for Wolfwood_6:
(Start: 143 @1988 has 83 MA's), (Start: 167 @2018 has 4 MA's), (205, 2060), (300, 2198), (327, 2246), (341, 2276), (362, 2309), (386, 2360), (392, 2375), (411, 2405), (434, 2456), (482, 2555), (497, 2576), (532, 2645), (550, 2687), (568, 2717), (623, 2864), (642, 2915), (685, 2978), (697, 3002), (775, 3068), (789, 3101), (796, 3125), (798, 3128), (803, 3137), (813, 3158), (834, 3185), (862, 3230), (869, 3242), (879, 3248), (901, 3269), (926, 3308), (1001, 3407), (1016, 3443), (1110, 3530), (1165, 3611), (1168, 3617), (1213, 3674), (1214, 3677),

Gene: Wolpertinger_11 Start: 8027, Stop: 9790, Start Num: 96
Candidate Starts for Wolpertinger_11:
(Start: 96 @8027 has 243 MA's), (Start: 120 @8048 has 11 MA's), (179, 8135), (250, 8264), (262, 8288), (300, 8351), (381, 8495), (408, 8546), (411, 8549), (469, 8660), (479, 8684), (480, 8687), (510, 8750), (513, 8759), (518, 8774), (580, 8891), (584, 8906), (605, 8966), (638, 9050), (806, 9278), (812, 9290), (852, 9338), (862, 9353), (901, 9392), (916, 9413), (942, 9452), (979, 9497), (985, 9509), (1168, 9746), (1191, 9773),

Gene: WonderBoy_2 Start: 426, Stop: 1991, Start Num: 129
Candidate Starts for WonderBoy_2:
(Start: 129 @426 has 79 MA's), (211, 549), (Start: 268 @636 has 4 MA's), (Start: 272 @639 has 48 MA's), (313, 690), (330, 732), (338, 747), (342, 756), (364, 780), (452, 942), (521, 1077), (532, 1098), (548, 1137), (625, 1236), (637, 1266), (642, 1281), (661, 1314), (692, 1362), (694, 1371), (768, 1449), (787, 1485), (804, 1524), (834, 1557), (838, 1566), (861, 1593), (912, 1647), (939, 1689), (1001, 1734), (1008, 1755), (1022, 1779), (1095, 1857),

Gene: Wooldri_15 Start: 6868, Stop: 8568, Start Num: 102
Candidate Starts for Wooldri_15:
(Start: 102 @6868 has 88 MA's), (137, 6916), (253, 7051), (362, 7243), (411, 7330), (510, 7528), (550, 7618), (583, 7681), (644, 7843), (800, 8041), (812, 8065), (813, 8068), (862, 8131), (882, 8152), (916, 8191), (985, 8287), (1014, 8341), (1070, 8377), (1168, 8524), (1193, 8554), (1196, 8557),

Gene: WorMMAs_2 Start: 506, Stop: 2062, Start Num: 160
Candidate Starts for WorMMAs_2:
(160, 506), (Start: 176 @530 has 8 MA's), (198, 560), (211, 584), (278, 683), (342, 791), (384, 851), (420, 911), (463, 974), (464, 977), (466, 980), (547, 1148), (613, 1217), (630, 1265), (637, 1280), (650, 1313), (709, 1382), (753, 1433), (789, 1487), (804, 1520), (832, 1553), (837, 1559), (838, 1562), (911,

1664), (927, 1691), (1001, 1784), (1016, 1820), (1072, 1898), (1138, 1991), (1201, 2054),

Gene: WorldCup_10 Start: 6185, Stop: 7972, Start Num: 96
Candidate Starts for WorldCup_10:
(Start: 96 @6185 has 243 MA's), (200, 6314), (250, 6413), (339, 6575), (357, 6608), (381, 6647), (411, 6701), (432, 6740), (469, 6812), (510, 6902), (518, 6926), (580, 7043), (584, 7058), (622, 7166), (659, 7241), (718, 7340), (746, 7373), (806, 7457), (817, 7478), (852, 7520), (862, 7535), (869, 7547), (901, 7574), (916, 7595), (954, 7649), (985, 7691), (1070, 7781), (1083, 7799), (1119, 7850), (1168, 7928), (1191, 7955), (1193, 7958),

Gene: Wrigley_2 Start: 485, Stop: 2281, Start Num: 71
Candidate Starts for Wrigley_2:
(Start: 71 @485 has 22 MA's), (165, 611), (170, 620), (295, 779), (300, 794), (347, 878), (373, 920), (377, 926), (378, 929), (398, 968), (411, 989), (456, 1073), (482, 1127), (495, 1145), (513, 1181), (542, 1256), (571, 1307), (580, 1328), (607, 1409), (641, 1454), (661, 1487), (697, 1544), (778, 1613), (806, 1667), (813, 1682), (817, 1688), (825, 1697), (850, 1736), (862, 1754), (869, 1766), (959, 1904), (979, 1940), (985, 1952), (990, 1958), (1000, 1976), (1011, 2003), (1025, 2027), (1077, 2090), (1105, 2132), (1141, 2189), (1165, 2219), (1181, 2243), (1204, 2267), (1206, 2270),

Gene: WunderPhul_15 Start: 7514, Stop: 9268, Start Num: 96
Candidate Starts for WunderPhul_15:
(Start: 96 @7514 has 243 MA's), (200, 7646), (250, 7745), (262, 7769), (283, 7796), (300, 7832), (339, 7907), (411, 8030), (420, 8045), (432, 8069), (469, 8138), (479, 8162), (480, 8165), (510, 8228), (518, 8252), (583, 8381), (584, 8384), (623, 8495), (732, 8657), (800, 8744), (806, 8756), (812, 8768), (852, 8816), (862, 8831), (901, 8870), (916, 8891), (979, 8975), (985, 8987), (1168, 9224), (1191, 9251), (1193, 9254),

Gene: Wyatt2_4 Start: 1052, Stop: 2635, Start Num: 93
Candidate Starts for Wyatt2_4:
(Start: 93 @1052 has 92 MA's), (Start: 99 @1058 has 9 MA's), (238, 1229), (304, 1316), (313, 1334), (316, 1340), (330, 1376), (420, 1514), (422, 1517), (464, 1592), (494, 1646), (496, 1649), (498, 1652), (591, 1820), (632, 1874), (637, 1883), (643, 1898), (653, 1919), (685, 1958), (694, 1979), (699, 1985), (722, 2012), (759, 2054), (776, 2078), (786, 2096), (789, 2105), (790, 2111), (804, 2144), (834, 2177), (862, 2216), (865, 2222), (867, 2225), (912, 2270), (962, 2336), (999, 2387), (1005, 2402), (1008, 2411), (1016, 2426), (1018, 2429), (1125, 2531), (1140, 2558), (1181, 2609), (1183, 2612),

Gene: XFactor_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for XFactor_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Xandras_10 Start: 2509, Stop: 4179, Start Num: 272
Candidate Starts for Xandras_10:
(Start: 272 @2509 has 48 MA's), (309, 2572), (435, 2806), (487, 2908), (570, 3088), (576, 3112), (585, 3130), (595, 3142), (616, 3205), (621, 3217), (642, 3262), (649, 3277), (700, 3355), (728, 3400), (759, 3454), (760, 3460), (814, 3574), (841, 3622), (910, 3718), (922, 3739), (933, 3754), (1014, 3907),

(1022, 3919), (1065, 3976), (1091, 4012), (1124, 4063), (1142, 4099), (1145, 4102), (1193, 4168),

Gene: Xena_11 Start: 6881, Stop: 8578, Start Num: 95
Candidate Starts for Xena_11:
(Start: 95 @6881 has 435 MA's), (Start: 122 @6905 has 1 MA's), (311, 7151), (365, 7256), (408, 7334), (411, 7337), (432, 7376), (469, 7445), (479, 7469), (510, 7535), (550, 7625), (620, 7790), (638, 7835), (661, 7877), (685, 7910), (740, 7976), (798, 8048), (800, 8051), (812, 8075), (862, 8141), (901, 8180), (916, 8201), (985, 8297), (1167, 8531), (1168, 8534), (1193, 8564), (1196, 8567),

Gene: Xenomorph_7 Start: 3847, Stop: 5601, Start Num: 187
Candidate Starts for Xenomorph_7:
(151, 3793), (Start: 183 @3841 has 2 MA's), (Start: 187 @3847 has 203 MA's), (252, 3940), (254, 3946), (395, 4213), (413, 4243), (427, 4273), (444, 4321), (451, 4339), (454, 4342), (476, 4384), (530, 4513), (604, 4699), (644, 4798), (685, 4870), (726, 4927), (771, 5005), (778, 5017), (868, 5131), (876, 5149), (914, 5194), (929, 5218), (931, 5221), (954, 5260), (1051, 5401), (1069, 5446), (1071, 5449), (1080, 5461), (1114, 5509), (1133, 5542), (1136, 5551), (1139, 5554),

Gene: XianYue_12 Start: 7369, Stop: 9150, Start Num: 96
Candidate Starts for XianYue_12:
(37, 7249), (76, 7342), (Start: 96 @7369 has 243 MA's), (200, 7501), (Start: 207 @7513 has 2 MA's), (241, 7582), (250, 7600), (408, 7882), (411, 7885), (432, 7924), (469, 7993), (510, 8083), (518, 8107), (570, 8206), (583, 8236), (584, 8239), (800, 8626), (869, 8725), (901, 8752), (916, 8773), (979, 8857), (985, 8869), (1168, 9106), (1191, 9133), (1193, 9136), (1196, 9139), (1199, 9142),

Gene: Ximeno_2 Start: 361, Stop: 1926, Start Num: 93
Candidate Starts for Ximeno_2:
(Start: 93 @361 has 92 MA's), (Start: 132 @412 has 2 MA's), (Start: 138 @424 has 4 MA's), (157, 448), (175, 472), (255, 583), (274, 610), (319, 673), (330, 703), (334, 712), (345, 730), (422, 841), (437, 874), (488, 955), (513, 1003), (551, 1084), (642, 1219), (657, 1246), (694, 1297), (722, 1330), (861, 1513), (940, 1606), (967, 1645), (970, 1651), (980, 1660), (1005, 1699), (1081, 1783), (1095, 1798), (1134, 1858), (1153, 1888),

Gene: Xula_2 Start: 521, Stop: 2080, Start Num: 128
Candidate Starts for Xula_2:
(Start: 128 @521 has 6 MA's), (200, 611), (253, 698), (294, 755), (326, 818), (403, 935), (409, 944), (440, 1016), (459, 1052), (510, 1160), (514, 1172), (515, 1175), (532, 1214), (538, 1232), (608, 1379), (634, 1421), (688, 1505), (697, 1526), (771, 1589), (815, 1667), (817, 1670), (828, 1682), (923, 1817), (926, 1820), (982, 1883), (983, 1886), (1004, 1919), (1079, 2000), (1103, 2033),

Gene: Yakult_5 Start: 1064, Stop: 2764, Start Num: 140
Candidate Starts for Yakult_5:
(Start: 140 @1064 has 9 MA's), (Start: 191 @1118 has 2 MA's), (205, 1139), (219, 1166), (381, 1430), (386, 1439), (392, 1454), (405, 1475), (411, 1484), (434, 1535), (438, 1547), (482, 1634), (532, 1724), (571, 1802), (598, 1868), (609, 1904), (697, 2081), (803, 2213), (904, 2342), (929, 2381), (934, 2387), (1142, 2657), (1172, 2699), (1213, 2750), (1214, 2753),

Gene: Yami_3 Start: 1068, Stop: 2522, Start Num: 154
Candidate Starts for Yami_3:
(Start: 149 @1062 has 162 MA's), (Start: 154 @1068 has 4 MA's), (Start: 272 @1230 has 48 MA's), (278, 1239), (315, 1299), (348, 1368), (366, 1389), (394, 1440), (520, 1644), (592, 1779), (642, 1857), (649, 1872), (661, 1890), (674, 1908), (703, 1950), (739, 1983), (765, 2001), (834, 2121), (835, 2124), (848, 2136), (857, 2148), (862, 2160), (905, 2211), (941, 2268), (944, 2274), (949, 2283), (958, 2292), (960, 2295), (1098, 2457), (1104, 2466), (1110, 2475), (1135, 2514),

Gene: Yang_2 Start: 545, Stop: 2242, Start Num: 95
Candidate Starts for Yang_2:
(13, 242), (Start: 95 @545 has 435 MA's), (Start: 191 @632 has 2 MA's), (379, 917), (411, 974), (432, 1016), (482, 1112), (513, 1166), (570, 1286), (604, 1376), (800, 1661), (869, 1772), (929, 1841), (985, 1916), (997, 1931), (1081, 2057), (1136, 2141), (1150, 2165),

Gene: Yank_4 Start: 800, Stop: 2290, Start Num: 146
Candidate Starts for Yank_4:
(Start: 146 @800 has 40 MA's), (181, 845), (255, 947), (267, 965), (274, 974), (300, 992), (313, 1025), (315, 1028), (319, 1037), (330, 1067), (345, 1094), (415, 1193), (474, 1292), (486, 1316), (488, 1319), (491, 1322), (513, 1367), (650, 1601), (692, 1649), (694, 1661), (728, 1700), (748, 1718), (768, 1730), (770, 1733), (781, 1754), (785, 1760), (789, 1772), (838, 1850), (874, 1904), (930, 1958), (940, 1970), (1005, 2063), (1081, 2147), (1125, 2204), (1175, 2273),

Gene: Yarn_3 Start: 1114, Stop: 2793, Start Num: 143
Candidate Starts for Yarn_3:
(Start: 143 @1114 has 83 MA's), (Start: 191 @1165 has 2 MA's), (205, 1186), (Start: 207 @1189 has 2 MA's), (254, 1231), (295, 1297), (326, 1357), (334, 1378), (339, 1387), (386, 1474), (405, 1510), (411, 1519), (434, 1570), (482, 1669), (497, 1690), (513, 1723), (532, 1759), (598, 1903), (609, 1939), (623, 1978), (704, 2125), (738, 2149), (803, 2248), (859, 2332), (929, 2419), (1001, 2515), (1047, 2563), (1072, 2587), (1110, 2638), (1165, 2719), (1213, 2779), (1214, 2782),

Gene: Yasdnil_6 Start: 2376, Stop: 4022, Start Num: 73
Candidate Starts for Yasdnil_6:
(Start: 73 @2376 has 95 MA's), (Start: 86 @2394 has 10 MA's), (283, 2598), (300, 2634), (400, 2814), (413, 2835), (458, 2922), (497, 2994), (510, 3018), (556, 3117), (565, 3132), (580, 3156), (581, 3162), (673, 3330), (719, 3390), (800, 3480), (811, 3501), (869, 3591), (959, 3699), (985, 3738), (1001, 3759), (1003, 3765), (1010, 3783), (1142, 3939), (1204, 4017),

Gene: Yasuo_3 Start: 1071, Stop: 2531, Start Num: 149
Candidate Starts for Yasuo_3:
(Start: 149 @1071 has 162 MA's), (Start: 154 @1077 has 4 MA's), (Start: 272 @1239 has 48 MA's), (278, 1248), (315, 1308), (348, 1377), (366, 1398), (394, 1449), (520, 1653), (642, 1866), (649, 1881), (674, 1917), (703, 1959), (739, 1992), (765, 2010), (834, 2130), (835, 2133), (848, 2145), (905, 2220), (944, 2283), (958, 2301), (960, 2304), (1098, 2466), (1104, 2475), (1110, 2484), (1135, 2523),

Gene: Yecey3_12 Start: 6313, Stop: 8085, Start Num: 114
Candidate Starts for Yecey3_12:
(Start: 114 @6313 has 11 MA's), (200, 6430), (250, 6529), (339, 6691), (381, 6763), (411, 6817), (432, 6856), (469, 6928), (510, 7018), (513, 7027), (518, 7042), (580, 7159), (584, 7174), (622, 7282), (659, 7357), (685, 7393), (717, 7453), (746, 7489), (775, 7513), (817, 7594), (852, 7633), (901, 7687), (916, 7708), (979, 7792), (985, 7804), (1072, 7897), (1083, 7912), (1119, 7963), (1168, 8041), (1191, 8068), (1193, 8071),

Gene: YertPhresh_3 Start: 1074, Stop: 2534, Start Num: 149
Candidate Starts for YertPhresh_3:
(Start: 149 @1074 has 162 MA's), (Start: 154 @1080 has 4 MA's), (Start: 272 @1242 has 48 MA's), (278, 1251), (315, 1311), (348, 1380), (366, 1401), (394, 1452), (520, 1656), (642, 1869), (649, 1884), (674, 1920), (703, 1962), (739, 1995), (765, 2013), (834, 2133), (835, 2136), (848, 2148), (905, 2223), (944, 2286), (958, 2304), (960, 2307), (1098, 2469), (1104, 2478), (1110, 2487), (1135, 2526),

Gene: YesChef_2 Start: 533, Stop: 2290, Start Num: 95

Candidate Starts for YesChef_2:
(13, 242), (16, 251), (Start: 95 @533 has 435 MA's), (379, 905), (411, 962), (436, 1010), (482, 1100), (513, 1154), (570, 1274), (604, 1364), (710, 1526), (800, 1700), (985, 1955), (997, 1970), (1024, 2024), (1081, 2105), (1136, 2189), (1150, 2213),

Gene: Yndexa_26 Start: 11957, Stop: 13684, Start Num: 111
Candidate Starts for Yndexa_26:
(Start: 111 @11957 has 202 MA's), (222, 12107), (247, 12158), (299, 12233), (303, 12242), (359, 12365), (369, 12383), (514, 12665), (523, 12692), (604, 12860), (608, 12872), (675, 12983), (818, 13166), (893, 13280), (901, 13295), (922, 13328), (988, 13403), (1112, 13547), (1139, 13589), (1157, 13619), (1186, 13661),

Gene: YoSam321_11 Start: 6884, Stop: 8581, Start Num: 95
Candidate Starts for YoSam321_11:
(27, 6707), (30, 6725), (35, 6755), (Start: 95 @6884 has 435 MA's), (Start: 122 @6908 has 1 MA's), (Start: 207 @7031 has 2 MA's), (293, 7121), (311, 7154), (408, 7337), (411, 7340), (432, 7379), (469, 7448), (479, 7472), (510, 7538), (550, 7628), (620, 7793), (661, 7880), (685, 7913), (740, 7979), (798, 8051), (800, 8054), (812, 8078), (852, 8129), (862, 8144), (901, 8183), (916, 8204), (985, 8300), (1168, 8537), (1193, 8567), (1196, 8570),

Gene: Yogi_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Yogi_8:
(Start: 104 @3156 has 36 MA's), (Start: 258 @3342 has 2 MA's), (300, 3414), (311, 3426), (323, 3450), (327, 3462), (420, 3630), (449, 3690), (479, 3747), (480, 3750), (510, 3798), (618, 4053), (623, 4071), (647, 4125), (778, 4269), (800, 4311), (817, 4344), (869, 4413), (985, 4557), (1010, 4602), (1081, 4662), (1142, 4761), (1168, 4794), (1191, 4821), (1193, 4824), (1196, 4827),

Gene: Yokurt_15 Start: 7514, Stop: 9268, Start Num: 96
Candidate Starts for Yokurt_15:
(Start: 96 @7514 has 243 MA's), (200, 7646), (250, 7745), (262, 7769), (283, 7796), (300, 7832), (339, 7907), (411, 8030), (420, 8045), (432, 8069), (469, 8138), (479, 8162), (480, 8165), (510, 8228), (518, 8252), (583, 8381), (584, 8384), (623, 8495), (732, 8657), (800, 8744), (806, 8756), (812, 8768), (852, 8816), (862, 8831), (901, 8870), (916, 8891), (979, 8975), (985, 8987), (1168, 9224), (1191, 9251), (1193, 9254),

Gene: Yoncess_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Yoncess_8:
(Start: 104 @3156 has 36 MA's), (Start: 258 @3342 has 2 MA's), (300, 3414), (311, 3426), (323, 3450), (327, 3462), (420, 3630), (449, 3690), (479, 3747), (480, 3750), (510, 3798), (618, 4053), (623, 4071), (647, 4125), (778, 4269), (800, 4311), (817, 4344), (869, 4413), (985, 4557), (1010, 4602), (1081, 4662), (1142, 4761), (1168, 4794), (1191, 4821), (1193, 4824), (1196, 4827),

Gene: Yonex_6 Start: 2058, Stop: 3779, Start Num: 146
Candidate Starts for Yonex_6:
(124, 2022), (Start: 146 @2058 has 40 MA's), (Start: 163 @2079 has 23 MA's), (233, 2202), (Start: 246 @2223 has 12 MA's), (278, 2271), (315, 2316), (316, 2319), (333, 2361), (342, 2379), (345, 2382), (378, 2424), (425, 2505), (426, 2508), (464, 2562), (521, 2676), (548, 2736), (559, 2757), (642, 2988), (692, 3054), (699, 3069), (796, 3240), (838, 3297), (869, 3339), (907, 3372), (932, 3411), (983, 3453), (1057, 3552), (1072, 3570), (1075, 3573), (1078, 3579), (1125, 3642), (1156, 3687), (1215, 3768),

Gene: Yorick_2 Start: 571, Stop: 2208, Start Num: 111
Candidate Starts for Yorick_2:

(Start: 111 @571 has 202 MA's), (Start: 118 @580 has 1 MA's), (Start: 129 @595 has 79 MA's), (147, 616), (Start: 158 @628 has 2 MA's), (Start: 185 @652 has 2 MA's), (188, 655), (200, 673), (224, 718), (244, 757), (312, 844), (315, 850), (352, 904), (377, 928), (381, 937), (383, 940), (392, 961), (404, 982), (415, 997), (440, 1054), (461, 1093), (502, 1162), (505, 1168), (514, 1198), (515, 1201), (518, 1210), (523, 1225), (534, 1243), (557, 1294), (601, 1387), (604, 1396), (711, 1567), (726, 1579), (800, 1663), (816, 1693), (818, 1696), (820, 1699), (869, 1756), (884, 1771), (889, 1777), (893, 1780), (901, 1795), (908, 1804), (934, 1843), (957, 1873), (982, 1903), (988, 1912), (1006, 1945), (1024, 1978), (1069, 2005), (1094, 2038), (1114, 2068), (1127, 2089), (1139, 2113), (1142, 2122), (1145, 2125), (1184, 2182),

Gene: YoshiYama_7 Start: 3940, Stop: 5601, Start Num: 252
Candidate Starts for YoshiYama_7:
(151, 3793), (Start: 183 @3841 has 2 MA's), (Start: 187 @3847 has 203 MA's), (252, 3940), (254, 3946), (361, 4138), (395, 4213), (413, 4243), (427, 4273), (444, 4321), (451, 4339), (454, 4342), (476, 4384), (530, 4513), (604, 4699), (644, 4798), (685, 4870), (726, 4927), (771, 5005), (778, 5017), (868, 5131), (876, 5149), (914, 5194), (929, 5218), (931, 5221), (954, 5260), (1051, 5401), (1069, 5446), (1071, 5449), (1080, 5461), (1114, 5509), (1133, 5542), (1136, 5551), (1139, 5554),

Gene: Yosif_7 Start: 2837, Stop: 4483, Start Num: 73
Candidate Starts for Yosif_7:
(Start: 66 @2822 has 7 MA's), (Start: 68 @2828 has 2 MA's), (Start: 73 @2837 has 95 MA's), (Start: 74 @2840 has 1 MA's), (Start: 86 @2855 has 10 MA's), (283, 3059), (300, 3095), (326, 3140), (327, 3143), (386, 3248), (400, 3275), (403, 3281), (405, 3284), (413, 3296), (458, 3383), (480, 3431), (510, 3479), (556, 3578), (605, 3692), (638, 3731), (647, 3752), (673, 3791), (800, 3941), (811, 3962), (817, 3974), (852, 4025), (901, 4079), (959, 4160), (985, 4199), (1003, 4226), (1010, 4244), (1142, 4400), (1204, 4478),

Gene: Yotsuba_12 Start: 8660, Stop: 10423, Start Num: 184
Candidate Starts for Yotsuba_12:
(Start: 183 @8657 has 2 MA's), (Start: 184 @8660 has 4 MA's), (Start: 187 @8663 has 203 MA's), (204, 8684), (229, 8717), (243, 8738), (252, 8756), (254, 8762), (287, 8813), (292, 8819), (391, 9017), (399, 9035), (413, 9059), (429, 9092), (444, 9137), (454, 9158), (530, 9329), (545, 9365), (584, 9461), (588, 9467), (604, 9515), (644, 9614), (665, 9650), (682, 9677), (685, 9686), (726, 9743), (771, 9827), (778, 9839), (868, 9953), (929, 10040), (931, 10043), (1012, 10181), (1059, 10247), (1060, 10250), (1071, 10271), (1080, 10283), (1133, 10364), (1139, 10376),

Gene: Yubaba_3 Start: 1074, Stop: 2534, Start Num: 149
Candidate Starts for Yubaba_3:
(Start: 149 @1074 has 162 MA's), (Start: 154 @1080 has 4 MA's), (Start: 272 @1242 has 48 MA's), (278, 1251), (315, 1311), (348, 1380), (366, 1401), (394, 1452), (520, 1656), (642, 1869), (649, 1884), (674, 1920), (703, 1962), (739, 1995), (765, 2013), (834, 2133), (835, 2136), (848, 2148), (905, 2223), (944, 2286), (958, 2304), (960, 2307), (1098, 2469), (1104, 2478), (1110, 2487), (1135, 2526),

Gene: Yucky_4 Start: 1762, Stop: 3438, Start Num: 143
Candidate Starts for Yucky_4:
(Start: 143 @1762 has 83 MA's), (Start: 191 @1813 has 2 MA's), (205, 1834), (254, 1879), (283, 1921), (300, 1957), (334, 2023), (373, 2086), (386, 2119), (405, 2155), (411, 2164), (413, 2167), (434, 2215), (438, 2227), (482, 2314), (574, 2494), (598, 2548), (641, 2671), (678, 2728), (697, 2761), (776, 2827), (803, 2893), (806, 2899), (862, 2983), (929, 3064), (954, 3097), (1003, 3166), (1081, 3244), (1145, 3343), (1165, 3364), (1168, 3370), (1213, 3424), (1214, 3427),

Gene: Yummy_5 Start: 1017, Stop: 2696, Start Num: 143
Candidate Starts for Yummy_5:

(Start: 143 @1017 has 83 MA's), (Start: 191 @1068 has 2 MA's), (205, 1089), (252, 1128), (300, 1215), (326, 1260), (334, 1281), (339, 1290), (378, 1362), (405, 1413), (411, 1422), (434, 1473), (482, 1572), (497, 1593), (513, 1626), (532, 1662), (598, 1806), (609, 1842), (623, 1881), (635, 1914), (661, 1962), (697, 2019), (738, 2052), (776, 2085), (803, 2151), (806, 2157), (852, 2223), (859, 2235), (862, 2241), (929, 2322), (1001, 2418), (1047, 2466), (1110, 2541), (1165, 2622), (1213, 2682), (1214, 2685),

Gene: Zaheer_6 Start: 2162, Stop: 3868, Start Num: 163
Candidate Starts for Zaheer_6:
(124, 2105), (Start: 146 @2141 has 40 MA's), (Start: 163 @2162 has 23 MA's), (211, 2237), (Start: 246 @2306 has 12 MA's), (254, 2321), (278, 2354), (315, 2399), (316, 2402), (333, 2444), (342, 2462), (345, 2465), (378, 2507), (425, 2588), (426, 2591), (464, 2645), (521, 2759), (559, 2840), (582, 2906), (586, 2915), (642, 3077), (692, 3143), (699, 3158), (796, 3329), (838, 3386), (869, 3428), (907, 3461), (932, 3500), (983, 3542), (1057, 3641), (1072, 3659), (1075, 3662), (1078, 3668), (1125, 3731), (1215, 3857),

Gene: Zahlia_3 Start: 1176, Stop: 2636, Start Num: 149
Candidate Starts for Zahlia_3:
(Start: 149 @1176 has 162 MA's), (Start: 154 @1182 has 4 MA's), (Start: 272 @1344 has 48 MA's), (278, 1353), (315, 1413), (348, 1482), (366, 1503), (394, 1554), (520, 1758), (642, 1971), (649, 1986), (674, 2022), (703, 2064), (739, 2097), (765, 2115), (834, 2235), (835, 2238), (848, 2250), (905, 2325), (944, 2388), (958, 2406), (960, 2409), (1098, 2571), (1104, 2580), (1110, 2589), (1135, 2628),

Gene: Zainub_8 Start: 2746, Stop: 4392, Start Num: 73
Candidate Starts for Zainub_8:
(Start: 73 @2746 has 95 MA's), (Start: 207 @2896 has 2 MA's), (311, 3016), (323, 3040), (378, 3142), (400, 3184), (403, 3190), (413, 3205), (458, 3292), (497, 3364), (510, 3388), (556, 3487), (574, 3523), (584, 3541), (648, 3664), (673, 3700), (721, 3763), (800, 3850), (811, 3871), (817, 3883), (869, 3961), (901, 3988), (959, 4069), (985, 4108), (1001, 4129), (1010, 4153), (1081, 4213), (1142, 4309),

Gene: Zaka_15 Start: 7514, Stop: 9268, Start Num: 96
Candidate Starts for Zaka_15:
(Start: 96 @7514 has 243 MA's), (200, 7646), (250, 7745), (262, 7769), (283, 7796), (300, 7832), (339, 7907), (411, 8030), (420, 8045), (432, 8069), (469, 8138), (479, 8162), (480, 8165), (510, 8228), (518, 8252), (583, 8381), (584, 8384), (623, 8495), (732, 8657), (800, 8744), (806, 8756), (812, 8768), (852, 8816), (862, 8831), (901, 8870), (916, 8891), (979, 8975), (985, 8987), (1168, 9224), (1191, 9251), (1193, 9254),

Gene: Zakai_4 Start: 1057, Stop: 2625, Start Num: 93
Candidate Starts for Zakai_4:
(Start: 93 @1057 has 92 MA's), (Start: 99 @1063 has 9 MA's), (228, 1219), (419, 1516), (422, 1522), (450, 1582), (494, 1654), (498, 1660), (509, 1681), (558, 1780), (632, 1882), (643, 1906), (671, 1951), (676, 1957), (694, 1987), (699, 1993), (722, 2020), (729, 2029), (776, 2086), (779, 2092), (789, 2113), (790, 2119), (838, 2194), (845, 2197), (867, 2233), (912, 2278), (962, 2344), (1008, 2419), (1018, 2437), (1024, 2446), (1158, 2593), (1181, 2617), (1183, 2620),

Gene: ZamZam_6 Start: 2501, Stop: 4147, Start Num: 73
Candidate Starts for ZamZam_6:
(Start: 68 @2492 has 2 MA's), (Start: 73 @2501 has 95 MA's), (Start: 74 @2504 has 1 MA's), (Start: 86 @2519 has 10 MA's), (283, 2723), (300, 2759), (326, 2804), (327, 2807), (386, 2912), (400, 2939), (405, 2948), (411, 2957), (413, 2960), (480, 3095), (510, 3143), (556, 3242), (584, 3296), (605, 3356), (638, 3395), (673, 3455), (687, 3473), (743, 3536), (800, 3605), (811, 3626), (852, 3689), (869, 3716), (901, 3743), (916, 3764), (959, 3824), (985, 3863), (1003, 3890), (1010, 3908), (1157, 4085),

Gene: Zameen_2 Start: 498, Stop: 2222, Start Num: 201
Candidate Starts for Zameen_2:
(Start: 190 @483 has 1 MA's), (Start: 201 @498 has 43 MA's), (259, 588), (393, 828), (397, 834), (411, 858), (438, 915), (476, 987), (571, 1185), (590, 1227), (596, 1233), (626, 1317), (641, 1344), (711, 1455), (725, 1482), (826, 1659), (999, 1932), (1001, 1935), (1003, 1941), (1011, 1962), (1034, 2001), (1066, 2049), (1073, 2058), (1091, 2082), (1114, 2100), (1145, 2157), (1194, 2214),

Gene: Zarafa_11 Start: 6558, Stop: 8255, Start Num: 95
Candidate Starts for Zarafa_11:
(Start: 95 @6558 has 435 MA's), (152, 6630), (311, 6828), (403, 7002), (411, 7014), (432, 7053), (438, 7065), (469, 7122), (479, 7146), (510, 7212), (513, 7221), (550, 7302), (565, 7329), (620, 7467), (647, 7533), (661, 7554), (678, 7578), (685, 7587), (740, 7653), (800, 7728), (812, 7752), (813, 7755), (817, 7761), (825, 7770), (862, 7818), (916, 7878), (985, 7974), (1010, 8019), (1014, 8028), (1145, 8181), (1168, 8211), (1193, 8241), (1196, 8244),

Gene: Zareef_6 Start: 1990, Stop: 3690, Start Num: 143
Candidate Starts for Zareef_6:
(Start: 143 @1990 has 83 MA's), (Start: 167 @2020 has 4 MA's), (205, 2062), (300, 2200), (327, 2248), (341, 2278), (362, 2311), (378, 2347), (386, 2362), (392, 2377), (411, 2407), (434, 2458), (482, 2557), (497, 2578), (532, 2647), (550, 2689), (568, 2719), (623, 2866), (642, 2917), (685, 2980), (697, 3004), (775, 3070), (789, 3103), (796, 3127), (798, 3130), (803, 3139), (813, 3160), (834, 3187), (862, 3232), (869, 3244), (879, 3250), (901, 3271), (926, 3310), (1001, 3409), (1016, 3445), (1110, 3532), (1165, 3613), (1168, 3619), (1213, 3676), (1214, 3679),

Gene: Zaria_4 Start: 1052, Stop: 2635, Start Num: 93
Candidate Starts for Zaria_4:
(Start: 93 @1052 has 92 MA's), (Start: 99 @1058 has 9 MA's), (238, 1229), (304, 1316), (313, 1334), (316, 1340), (330, 1376), (420, 1514), (422, 1517), (464, 1592), (494, 1646), (496, 1649), (498, 1652), (591, 1820), (632, 1874), (637, 1883), (643, 1898), (653, 1919), (685, 1958), (694, 1979), (699, 1985), (722, 2012), (759, 2054), (776, 2078), (786, 2096), (789, 2105), (790, 2111), (804, 2144), (834, 2177), (862, 2216), (865, 2222), (867, 2225), (912, 2270), (962, 2336), (999, 2387), (1005, 2402), (1008, 2411), (1016, 2426), (1018, 2429), (1125, 2531), (1140, 2558), (1181, 2609), (1183, 2612),

Gene: Zeeculate_10 Start: 6722, Stop: 8410, Start Num: 95
Candidate Starts for Zeeculate_10:
(Start: 95 @6722 has 435 MA's), (311, 6986), (323, 7010), (411, 7172), (430, 7205), (469, 7280), (510, 7370), (518, 7394), (534, 7421), (553, 7469), (620, 7625), (644, 7685), (752, 7817), (813, 7910), (819, 7919), (832, 7931), (862, 7973), (882, 7994), (908, 8021), (985, 8129), (1070, 8219), (1139, 8324),

Gene: Zeina_8 Start: 3523, Stop: 5256, Start Num: 187
Candidate Starts for Zeina_8:
(Start: 187 @3523 has 203 MA's), (254, 3622), (302, 3712), (388, 3859), (413, 3907), (444, 3985), (451, 4003), (454, 4006), (492, 4075), (530, 4177), (539, 4201), (570, 4258), (604, 4363), (644, 4462), (661, 4492), (685, 4534), (726, 4591), (771, 4660), (778, 4672), (868, 4786), (876, 4804), (929, 4873), (931, 4876), (1051, 5056), (1059, 5080), (1071, 5104), (1080, 5116), (1089, 5128), (1112, 5161), (1136, 5206), (1139, 5209),

Gene: Zemlya_7 Start: 2376, Stop: 4022, Start Num: 73
Candidate Starts for Zemlya_7:
(Start: 73 @2376 has 95 MA's), (Start: 86 @2394 has 10 MA's), (283, 2598), (300, 2634), (400, 2814), (413, 2835), (437, 2880), (458, 2922), (497, 2994), (510, 3018), (556, 3117), (565, 3132), (580, 3156), (581, 3162), (673, 3330), (800, 3480), (811, 3501), (817, 3513), (869, 3591), (959, 3699), (985, 3738), (1001, 3759), (1003, 3765), (1010, 3783), (1142, 3939),

Gene: ZenTime222_3 Start: 724, Stop: 2607, Start Num: 66
Candidate Starts for ZenTime222_3:
(14, 475), (Start: 66 @724 has 7 MA's), (127, 805), (131, 814), (197, 910), (204, 922), (300, 1054), (383, 1201), (386, 1207), (400, 1234), (411, 1252), (442, 1315), (514, 1450), (599, 1651), (630, 1708), (803, 1927), (835, 1978), (843, 2002), (874, 2053), (961, 2182), (980, 2221), (985, 2230), (1010, 2281), (1033, 2320), (1072, 2407), (1081, 2419), (1141, 2512), (1150, 2527), (1152, 2530),

Gene: Zeph_16 Start: 9469, Stop: 11214, Start Num: 187
Candidate Starts for Zeph_16:
(Start: 187 @9469 has 203 MA's), (195, 9475), (254, 9568), (274, 9604), (302, 9658), (395, 9835), (444, 9943), (451, 9961), (454, 9964), (492, 10033), (522, 10117), (530, 10135), (555, 10192), (588, 10273), (604, 10321), (644, 10420), (647, 10426), (680, 10477), (682, 10483), (704, 10525), (726, 10549), (868, 10744), (899, 10786), (916, 10810), (929, 10831), (931, 10834), (1051, 11014), (1069, 11059), (1071, 11062), (1080, 11074), (1136, 11164), (1139, 11167),

Gene: Zephyr_11 Start: 6863, Stop: 8551, Start Num: 95
Candidate Starts for Zephyr_11:
(Start: 95 @6863 has 435 MA's), (Start: 258 @7043 has 2 MA's), (311, 7127), (327, 7163), (339, 7190), (411, 7313), (469, 7421), (510, 7511), (518, 7535), (534, 7562), (553, 7610), (591, 7679), (620, 7766), (644, 7826), (813, 8051), (819, 8060), (832, 8072), (862, 8114), (882, 8135), (908, 8162), (985, 8270), (1070, 8360), (1139, 8465),

Gene: Zerg_2 Start: 572, Stop: 2209, Start Num: 111
Candidate Starts for Zerg_2:
(Start: 111 @572 has 202 MA's), (Start: 118 @581 has 1 MA's), (Start: 129 @596 has 79 MA's), (Start: 158 @629 has 2 MA's), (Start: 185 @653 has 2 MA's), (188, 656), (224, 719), (244, 758), (312, 845), (352, 905), (377, 929), (381, 938), (383, 941), (392, 962), (404, 983), (415, 998), (440, 1055), (461, 1094), (502, 1163), (505, 1169), (514, 1199), (515, 1202), (518, 1211), (523, 1226), (534, 1244), (557, 1295), (584, 1346), (601, 1388), (604, 1397), (711, 1568), (726, 1580), (800, 1664), (816, 1694), (818, 1697), (820, 1700), (869, 1757), (884, 1772), (889, 1778), (893, 1781), (901, 1796), (908, 1805), (957, 1874), (982, 1904), (988, 1913), (1006, 1946), (1014, 1964), (1024, 1979), (1069, 2006), (1087, 2030), (1094, 2039), (1114, 2069), (1127, 2090), (1139, 2114), (1142, 2123), (1145, 2126), (1184, 2183),

Gene: Zeta1847_2 Start: 478, Stop: 2175, Start Num: 93
Candidate Starts for Zeta1847_2:
(Start: 93 @478 has 92 MA's), (262, 649), (284, 676), (295, 688), (339, 778), (373, 832), (411, 901), (436, 949), (904, 1726), (985, 1840), (1150, 2098),

Gene: Zetzy_12 Start: 6522, Stop: 8222, Start Num: 102
Candidate Starts for Zetzy_12:
(Start: 102 @6522 has 88 MA's), (137, 6570), (Start: 191 @6642 has 2 MA's), (253, 6705), (411, 6984), (510, 7182), (550, 7272), (583, 7335), (644, 7497), (800, 7695), (812, 7719), (813, 7722), (862, 7785), (869, 7797), (882, 7806), (916, 7845), (985, 7941), (1014, 7995), (1070, 8031), (1168, 8178), (1193, 8208), (1196, 8211),

Gene: Zeuska_12 Start: 7541, Stop: 9229, Start Num: 95
Candidate Starts for Zeuska_12:
(Start: 95 @7541 has 435 MA's), (Start: 258 @7721 has 2 MA's), (311, 7805), (327, 7841), (339, 7868), (411, 7991), (469, 8099), (510, 8189), (518, 8213), (534, 8240), (553, 8288), (591, 8357), (620, 8444), (644, 8504), (813, 8729), (819, 8738), (832, 8750), (862, 8792), (882, 8813), (908, 8840), (985, 8948), (1070, 9038), (1139, 9143),

Gene: ZhongYanYuan_3 Start: 901, Stop: 2469, Start Num: 93
Candidate Starts for ZhongYanYuan_3:
(Start: 93 @901 has 92 MA's), (Start: 99 @907 has 9 MA's), (Start: 107 @916 has 24 MA's), (228, 1063), (304, 1165), (347, 1255), (419, 1360), (494, 1498), (498, 1504), (516, 1549), (558, 1624), (591, 1672), (632, 1726), (643, 1750), (653, 1771), (671, 1795), (676, 1801), (694, 1831), (699, 1837), (729, 1873), (776, 1930), (786, 1948), (790, 1963), (838, 2038), (845, 2041), (867, 2077), (872, 2086), (912, 2122), (962, 2188), (1008, 2263), (1018, 2281), (1024, 2290), (1158, 2437), (1181, 2461), (1183, 2464),

Gene: Zhuangyuan_4 Start: 1041, Stop: 2672, Start Num: 134
Candidate Starts for Zhuangyuan_4:
(Start: 134 @1041 has 16 MA's), (252, 1206), (Start: 272 @1236 has 48 MA's), (313, 1287), (319, 1299), (334, 1338), (342, 1353), (347, 1359), (440, 1515), (464, 1536), (498, 1587), (521, 1650), (559, 1731), (569, 1746), (588, 1800), (589, 1803), (642, 1929), (692, 1989), (699, 2004), (753, 2070), (776, 2097), (780, 2106), (838, 2199), (862, 2229), (903, 2268), (909, 2277), (923, 2301), (956, 2346), (1007, 2415), (1026, 2448), (1038, 2457), (1041, 2463), (1054, 2484), (1055, 2487), (1072, 2511), (1125, 2580), (1147, 2610), (1151, 2619), (1190, 2661),

Gene: Zimmer_14 Start: 9025, Stop: 10809, Start Num: 96
Candidate Starts for Zimmer_14:
(78, 8998), (Start: 96 @9025 has 243 MA's), (200, 9157), (231, 9223), (250, 9256), (300, 9343), (381, 9487), (411, 9541), (432, 9580), (469, 9652), (510, 9742), (518, 9766), (570, 9865), (580, 9883), (584, 9898), (638, 10042), (746, 10213), (800, 10285), (852, 10357), (862, 10372), (916, 10432), (985, 10528), (1070, 10618), (1167, 10762), (1168, 10765), (1191, 10792), (1193, 10795), (1196, 10798),

Gene: Zion_12 Start: 6676, Stop: 8742, Start Num: 5
Candidate Starts for Zion_12:
(Start: 5 @6676 has 5 MA's), (11, 6733), (27, 6871), (32, 6901), (39, 6925), (92, 7042), (Start: 111 @7063 has 202 MA's), (Start: 129 @7087 has 79 MA's), (175, 7150), (Start: 191 @7174 has 2 MA's), (277, 7336), (291, 7351), (298, 7369), (299, 7372), (315, 7396), (324, 7414), (369, 7471), (371, 7474), (392, 7516), (407, 7543), (418, 7561), (432, 7588), (438, 7606), (439, 7609), (473, 7663), (514, 7747), (515, 7750), (522, 7771), (534, 7792), (570, 7864), (584, 7894), (604, 7945), (646, 8026), (669, 8059), (801, 8221), (881, 8323), (901, 8350), (908, 8359), (996, 8470), (1063, 8533), (1139, 8644), (1142, 8653), (1205, 8734),

Gene: Zippen_8 Start: 3825, Stop: 5564, Start Num: 187
Candidate Starts for Zippen_8:
(Start: 187 @3825 has 203 MA's), (254, 3924), (322, 4044), (376, 4143), (395, 4185), (413, 4215), (444, 4293), (454, 4314), (506, 4416), (530, 4485), (539, 4509), (604, 4671), (634, 4746), (644, 4770), (704, 4875), (726, 4899), (778, 4980), (868, 5094), (876, 5112), (879, 5118), (929, 5181), (931, 5184), (1059, 5388), (1071, 5412), (1080, 5424), (1136, 5514), (1139, 5517),

Gene: Zirinka_2 Start: 498, Stop: 2222, Start Num: 201
Candidate Starts for Zirinka_2:
(Start: 190 @483 has 1 MA's), (Start: 201 @498 has 43 MA's), (259, 588), (383, 804), (393, 828), (397, 834), (411, 858), (438, 915), (476, 987), (571, 1185), (590, 1227), (596, 1233), (626, 1317), (641, 1344), (711, 1455), (725, 1482), (826, 1659), (999, 1932), (1001, 1935), (1003, 1941), (1011, 1962), (1034, 2001), (1066, 2049), (1073, 2058), (1091, 2082), (1114, 2100), (1145, 2157), (1194, 2214),

Gene: Zixiang_3 Start: 749, Stop: 2329, Start Num: 182
Candidate Starts for Zixiang_3:
(Start: 134 @689 has 16 MA's), (Start: 182 @749 has 15 MA's), (Start: 246 @845 has 12 MA's), (252, 854), (255, 863), (Start: 272 @884 has 48 MA's), (313, 935), (334, 986), (342, 1001), (378, 1046), (505,

1247), (521, 1298), (534, 1322), (548, 1358), (559, 1379), (581, 1439), (593, 1469), (599, 1478), (628, 1541), (778, 1751), (787, 1769), (829, 1835), (834, 1841), (838, 1850), (862, 1880), (903, 1919), (956, 1997), (993, 2042), (1002, 2054), (1072, 2168), (1125, 2237), (1129, 2243), (1134, 2255), (1144, 2264), (1190, 2318),

Gene: Zizzle_2 Start: 587, Stop: 2224, Start Num: 111
Candidate Starts for Zizzle_2:
(Start: 111 @587 has 202 MA's), (Start: 125 @602 has 1 MA's), (Start: 129 @611 has 79 MA's), (133, 617), (Start: 158 @644 has 2 MA's), (Start: 185 @668 has 2 MA's), (188, 671), (224, 734), (230, 752), (244, 773), (312, 860), (315, 866), (352, 920), (369, 932), (377, 944), (381, 953), (383, 956), (392, 977), (404, 998), (415, 1013), (440, 1070), (461, 1109), (502, 1178), (505, 1184), (514, 1214), (515, 1217), (518, 1226), (523, 1241), (534, 1259), (557, 1310), (604, 1412), (711, 1583), (726, 1595), (748, 1613), (800, 1679), (816, 1709), (818, 1712), (820, 1715), (869, 1772), (884, 1787), (889, 1793), (893, 1796), (901, 1811), (908, 1820), (957, 1889), (982, 1919), (988, 1928), (1006, 1961), (1024, 1994), (1069, 2021), (1094, 2054), (1112, 2081), (1114, 2084), (1127, 2105), (1139, 2129), (1142, 2138), (1145, 2141), (1184, 2198),

Gene: Zolita_8 Start: 6266, Stop: 8017, Start Num: 63
Candidate Starts for Zolita_8:
(Start: 52 @6239 has 23 MA's), (Start: 63 @6266 has 32 MA's), (112, 6335), (139, 6374), (196, 6449), (200, 6455), (300, 6587), (339, 6662), (341, 6665), (381, 6731), (439, 6839), (449, 6863), (510, 6971), (526, 7016), (565, 7094), (570, 7100), (571, 7103), (632, 7265), (635, 7271), (647, 7298), (800, 7493), (812, 7517), (862, 7580), (869, 7592), (901, 7619), (916, 7640), (954, 7694), (979, 7724), (985, 7736), (1168, 7973), (1196, 8006), (1202, 8012),

Gene: Zorro_5 Start: 3082, Stop: 4647, Start Num: 129
Candidate Starts for Zorro_5:
(Start: 129 @3082 has 79 MA's), (Start: 268 @3292 has 4 MA's), (313, 3346), (338, 3403), (342, 3412), (485, 3652), (496, 3667), (500, 3673), (521, 3733), (548, 3793), (625, 3892), (637, 3922), (642, 3937), (692, 4018), (764, 4096), (768, 4105), (787, 4141), (804, 4180), (834, 4213), (838, 4222), (861, 4249), (912, 4303), (939, 4345), (1001, 4390), (1008, 4411), (1022, 4435), (1095, 4513), (1192, 4633),

Gene: Zulu_15 Start: 7513, Stop: 9267, Start Num: 96
Candidate Starts for Zulu_15:
(Start: 96 @7513 has 243 MA's), (200, 7645), (250, 7744), (262, 7768), (283, 7795), (300, 7831), (339, 7906), (411, 8029), (420, 8044), (432, 8068), (469, 8137), (479, 8161), (480, 8164), (510, 8227), (518, 8251), (583, 8380), (584, 8383), (623, 8494), (732, 8656), (800, 8743), (806, 8755), (812, 8767), (852, 8815), (862, 8830), (901, 8869), (916, 8890), (979, 8974), (985, 8986), (1168, 9223), (1191, 9250), (1193, 9253),

Gene: phiBT1_33 Start: 597, Stop: 2180, Start Num: 266
Candidate Starts for phiBT1_33:
(263, 591), (266, 597), (318, 687), (408, 840), (411, 843), (414, 849), (435, 891), (475, 972), (476, 975), (487, 996), (489, 999), (504, 1026), (513, 1047), (526, 1077), (528, 1080), (547, 1125), (590, 1209), (683, 1374), (759, 1506), (822, 1620), (835, 1647), (841, 1653), (869, 1698), (872, 1704), (910, 1752), (974, 1857), (975, 1860), (1013, 1929), (1031, 1956), (1088, 2034), (1091, 2037), (1117, 2058), (1118, 2061),

Gene: phiCAM_06 Start: 2516, Stop: 4162, Start Num: 73
Candidate Starts for phiCAM_06:
(Start: 68 @2507 has 2 MA's), (Start: 73 @2516 has 95 MA's), (Start: 74 @2519 has 1 MA's), (Start: 86 @2534 has 10 MA's), (150, 2588), (Start: 167 @2612 has 4 MA's), (283, 2738), (295, 2759), (300, 2774), (378, 2912), (386, 2927), (400, 2954), (405, 2963), (413, 2975), (458, 3062), (469, 3083), (480,

3110), (510, 3158), (556, 3257), (638, 3410), (647, 3431), (673, 3470), (800, 3620), (803, 3626), (811, 3641), (817, 3653), (852, 3704), (901, 3758), (985, 3878), (1003, 3905), (1010, 3923), (1142, 4079),