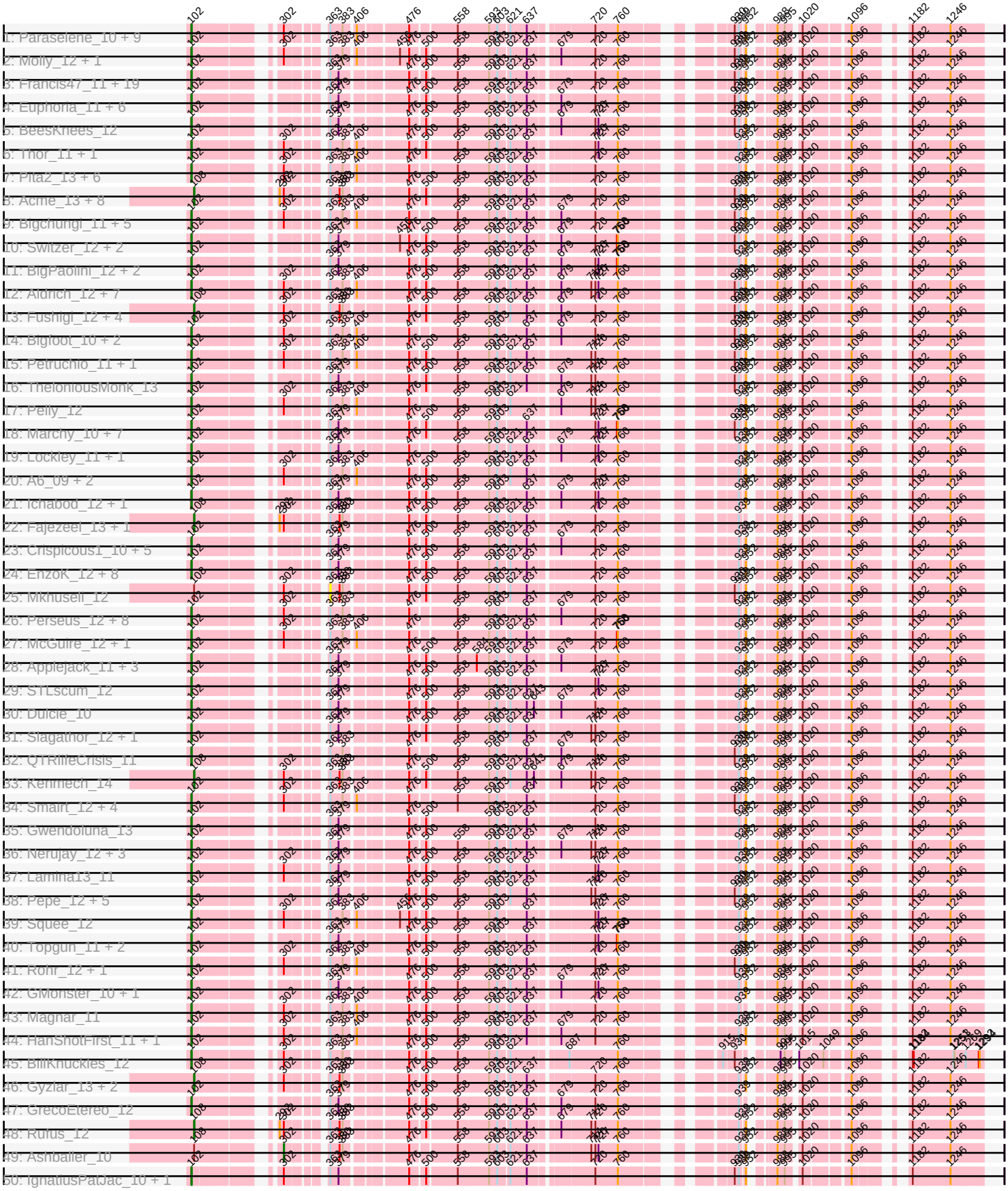
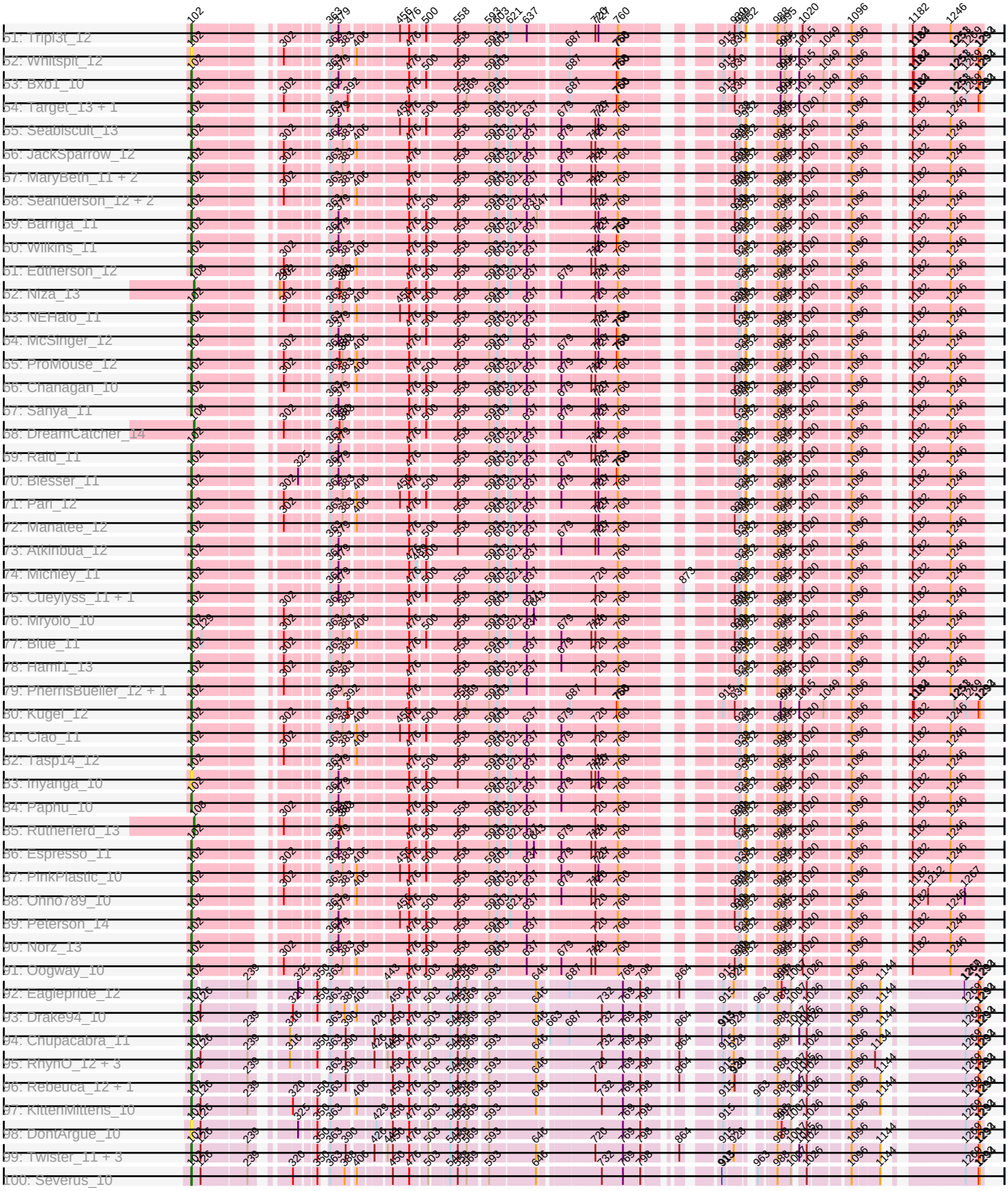
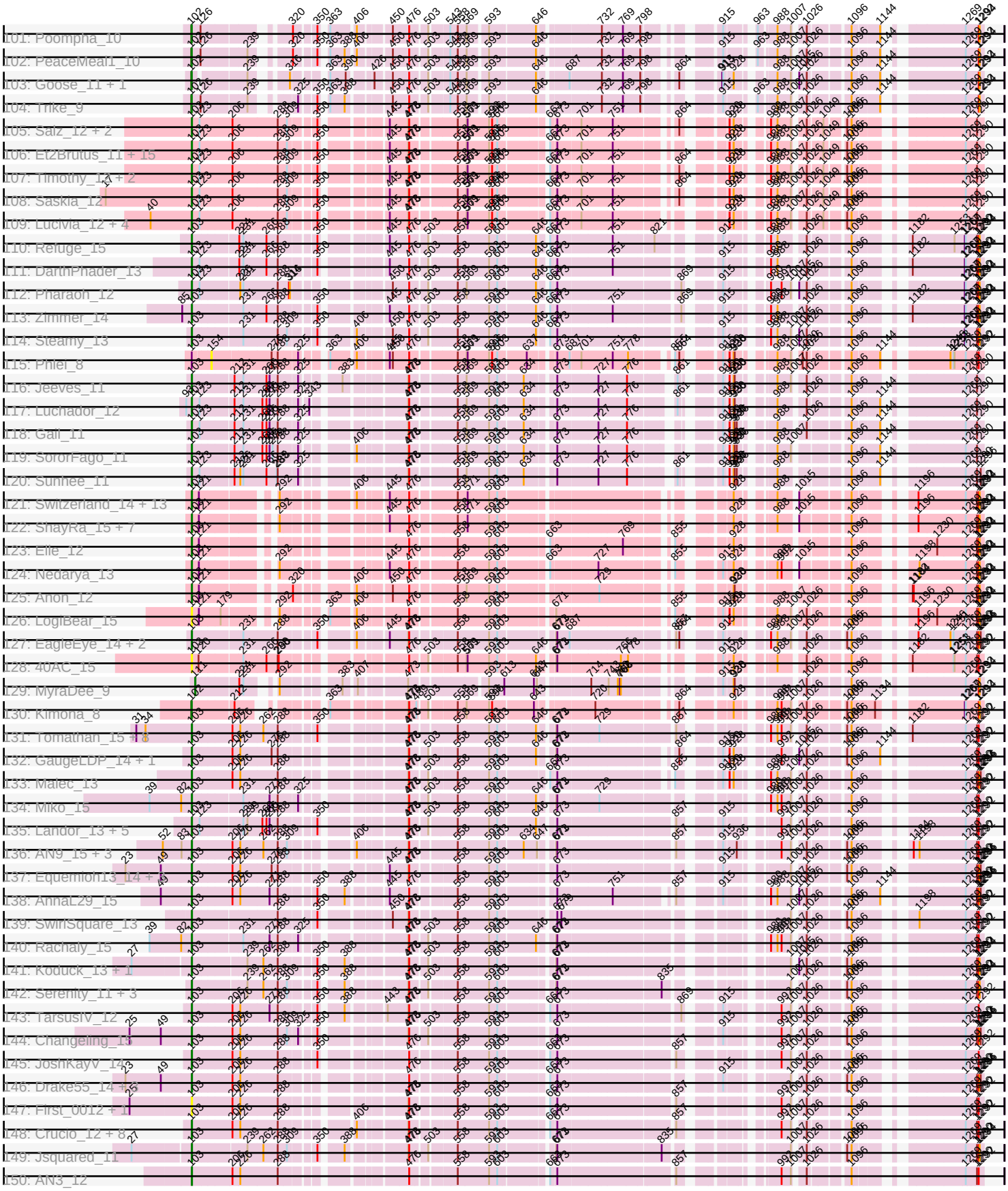
Pham 347007


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: Bigfoot_10 + 2
15: Petruchio_11 + 1
16: ThelioniousMonk_13
17: Pelly_12
18: Marchy_10 + 7
19: Lockley_11 + 1
20: A6_09 + 2
21: Ichabod_12 + 1
22: Fajezeel_13 + 1
23: Crispicous1_10 + 5
24: EnzoK_12 + 8
25: Mknusell_12
26: Perseus_12 + 8
27: McGuire_12 + 1
28: Applejack_11 + 3
29: STLscum_12
30: Dulcie_10
31: Slagathor_12 + 1
32: QTRifleCrisis_11
33: Kenmech_14
34: Smairt_12 + 4
35: Gwendoluna_13
36: Nerujay_12 + 3
37: Lamina13_11
38: Pepe_12 + 5
39: Squee_12
40: Topgun_11 + 2
41: Rohr_12 + 1
42: GMonster_10 + 1
43: Magnar_11
44: HanShotFirst_11 + 1
45: BillKnuckles_12
46: Gyzlar_13 + 2
47: GrecoEtere6_12
48: Rufus_12
49: Ashballer_10
50: IgnatiusPatJac_10 + 1

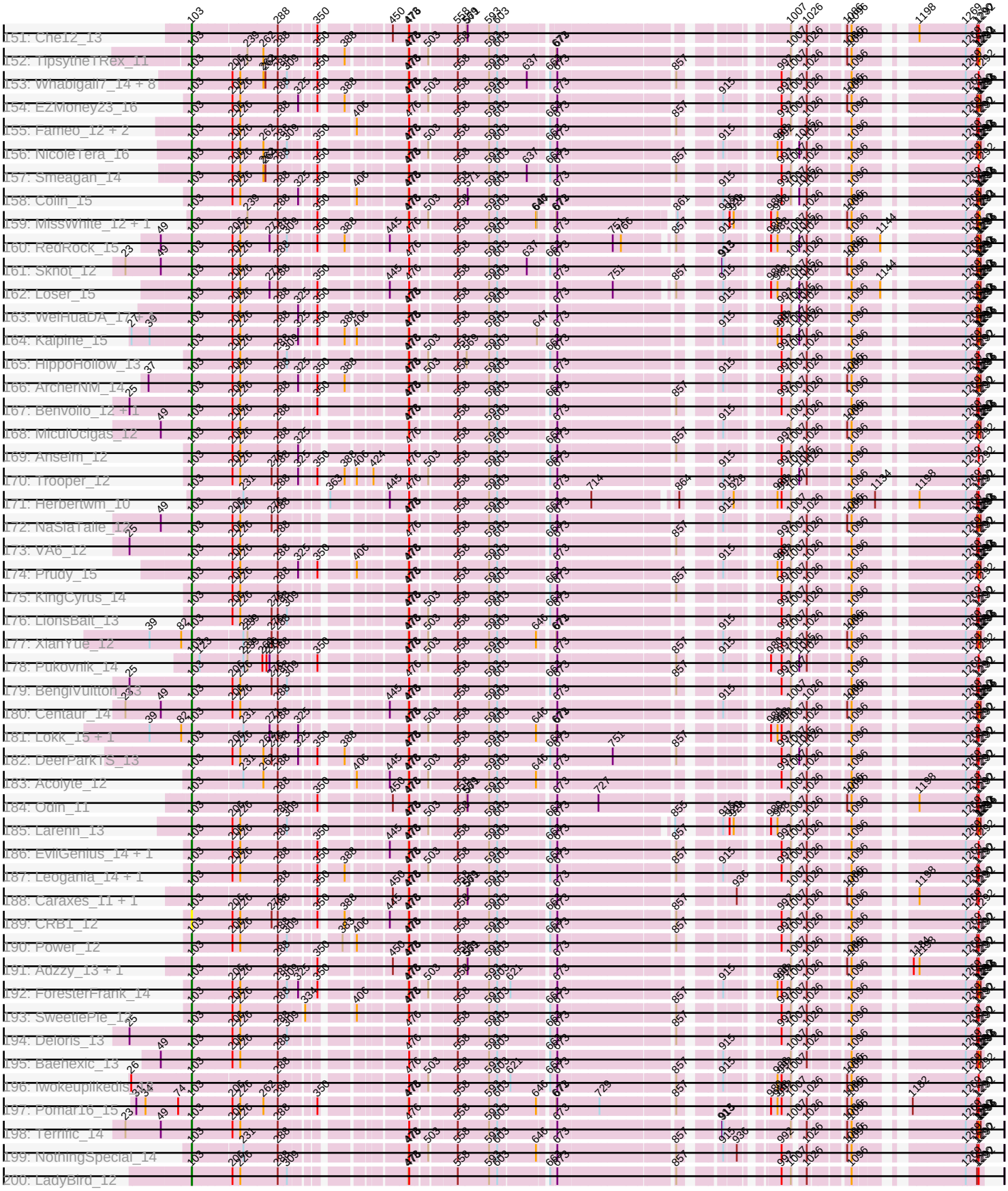
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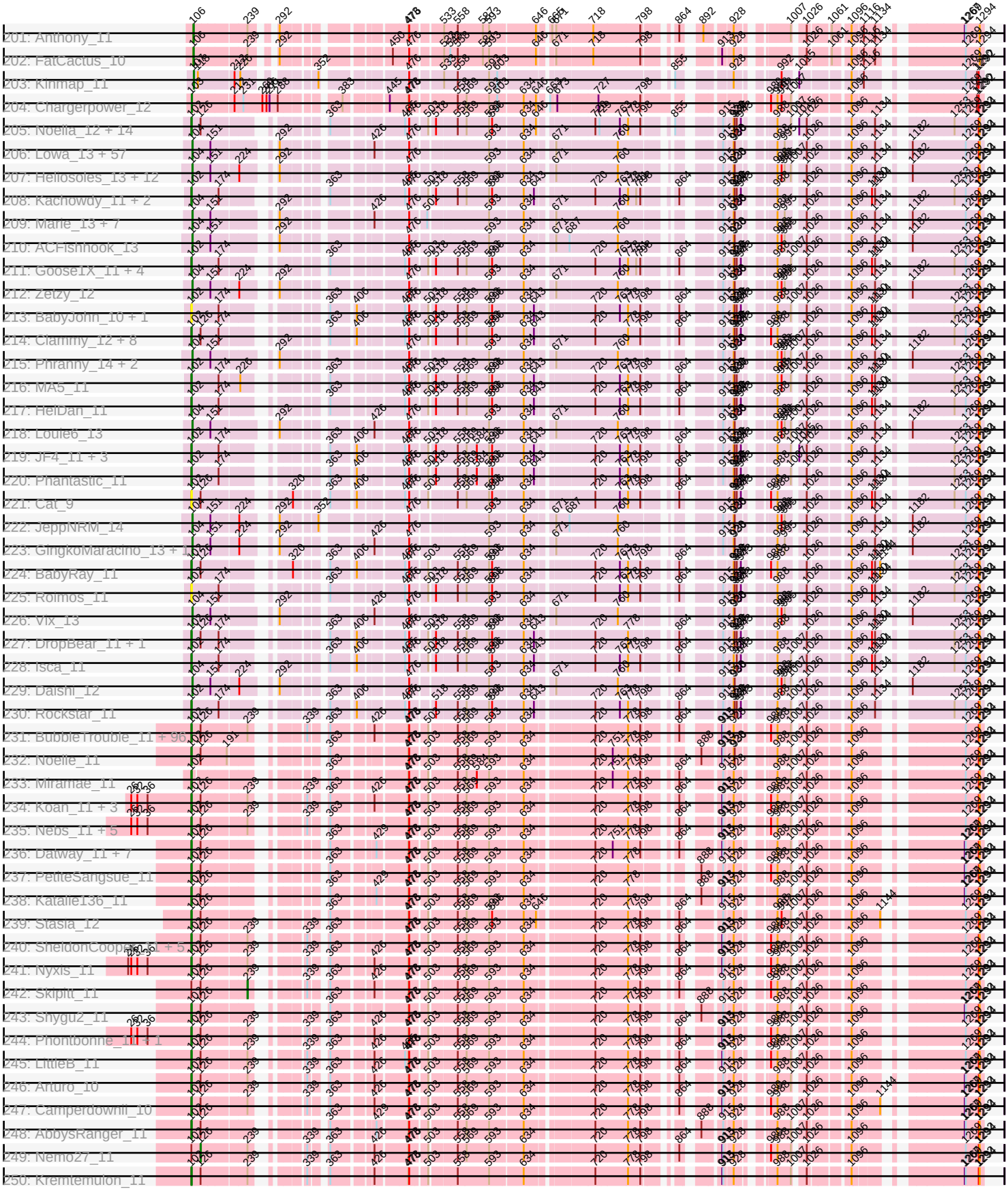
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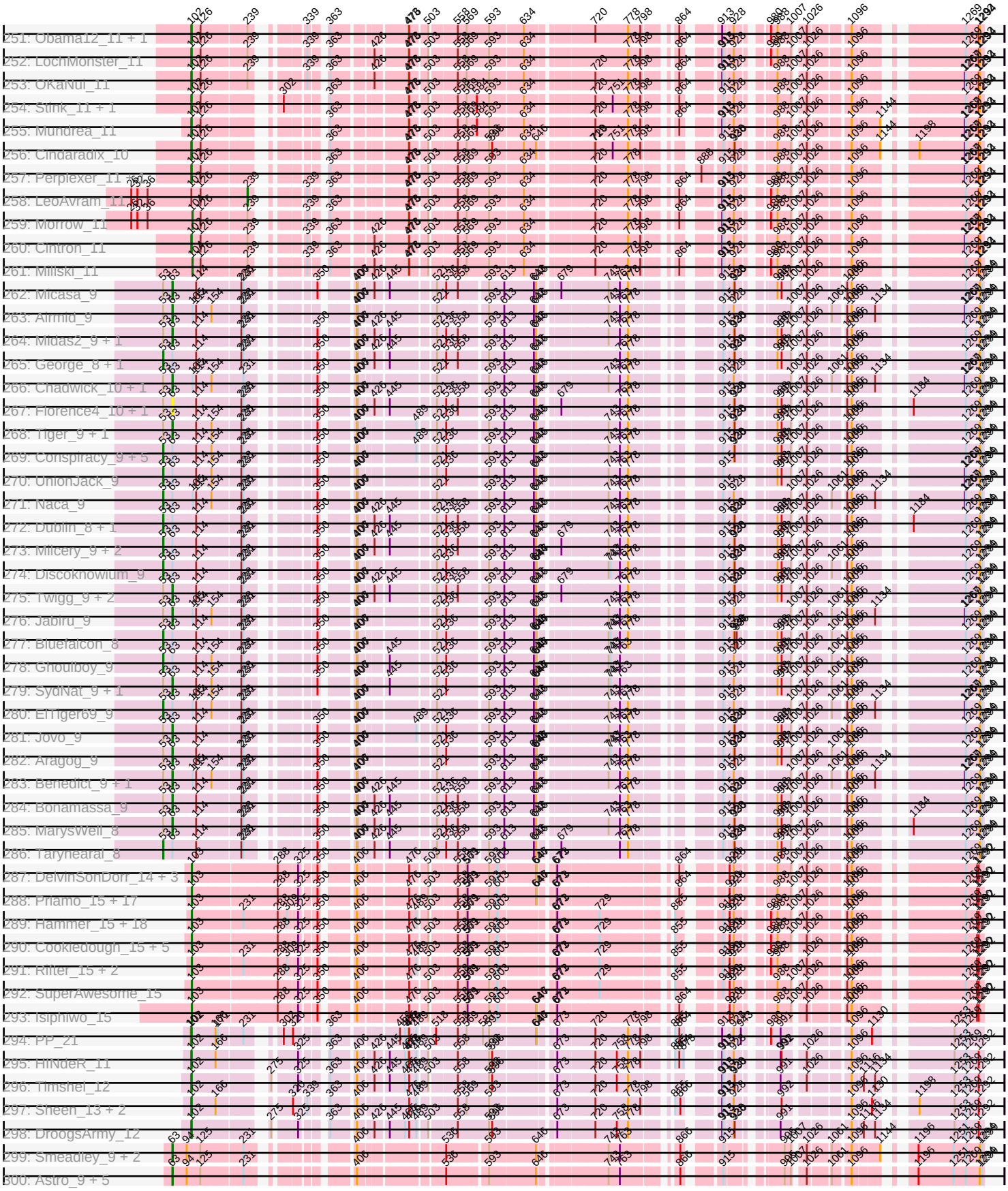
Pham 347007


151: Che12_13
152: TipsytheTRex_11
153: Whabigail7_14 + 8
154: EZMoney23_16
155: Fameo_12 + 2
156: NicoleTera_16
157: Smeagan_14
158: Colin_15
159: MissWhite_12 + 1
160: RedRock_15
161: Sknot_12
162: Loser_15
163: WeiHuaDA_12
164: Kalpine_15
165: HippoHollow_13
166: ArcherNM_14
167: Benvollo_12 + 1
168: MicuiOcigas_12
169: Anselm_12
170: Trooper_12
171: Herbertwm_10
172: NaStaTalle_12
173: VA6_12
174: Prudy_15
175: KingCyrus_14
176: LionsBall_13
177: XianYue_12
178: Pukovnik_14
179: BengiVuitton_13
180: Centaur_14
181: Lokk_15 + 1
182: DeerParkTS_13
183: Acolyte_12
184: Odin_11
185: Larenn_13
186: EvilGenius_14 + 1
187: Leogania_14 + 1
188: Caraxes_11 + 1
189: CRB1_12
190: Power_12
191: Adzzy_13 + 1
192: ForesterFrank_14
193: SweetiePie_12
194: Deloris_13
195: Baehexic_13
196: IWokeUpLikeDis_13
197: Pomar16_15
198: Terrific_14
199: NothingSpecial_14
200: LadyBird_12

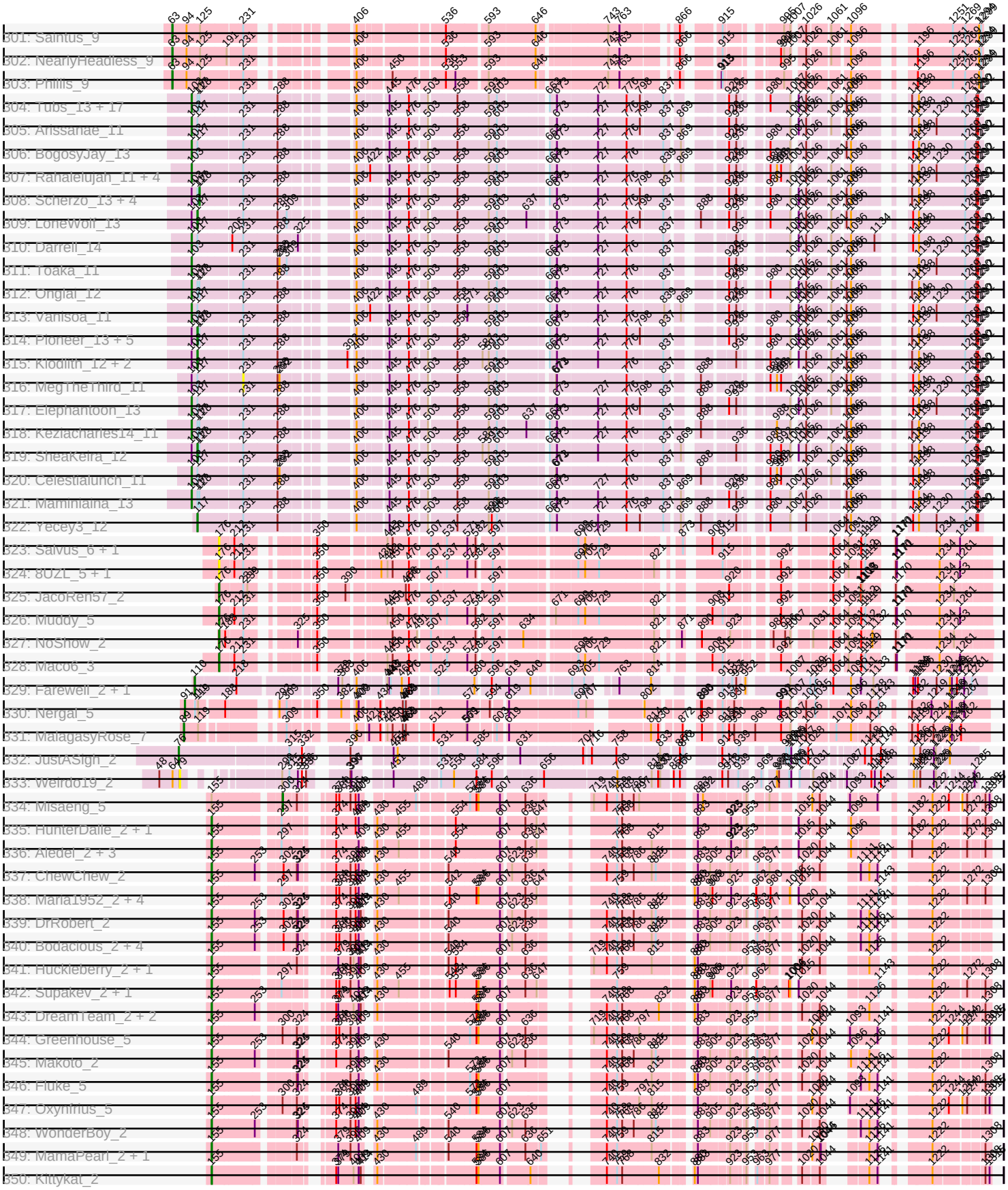
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201: Anthony_11
202: FatCactus_10
203: Kinmap_11
204: Chargerpower_12
205: Noella_12 + 14
206: Lowa_13 + 57
207: Hellosoles_13 + 12
208: Kachowdy_11 + 2
209: Marie_13 + 7
210: ACFishhook_13
211: GooseIX_11 + 4
212: Zelzy_12
213: BabyJohn_10 + 1
214: Clammy_12 + 8
215: Phranny_14 + 2
216: MA5_11
217: HelDan_11
218: Louie6_13
219: JF4_11 + 3
220: Phantastic_11
221: Cat_9
222: JeppNRM_14
223: GingkoMaracino_13 + 1
224: BabyRay_11
225: Roimos_11
226: Vix_13
227: DropBear_11 + 1
228: Isca_11
229: Daishi_12
230: Rockstar_11
231: BubbleTrouble_11 + 96
232: Noelle_11
233: Miramae_11
234: Koan_11 + 3
235: Nebs_11 + 5
236: Datway_11 + 7
237: PetiteSangsue_11
238: Katalie136_11
239: Stasia_12
240: SheldonCooper_11 + 5
241: Nyxis_11
242: Skiptt_11
243: Shygu2_11
244: Phontbonne_11 + 1
245: LittleB_11
246: Arturo_10
247: Camperdownii_10
248: AbbysRanger_11
249: Nemo27_11
250: Kremlemulon_11

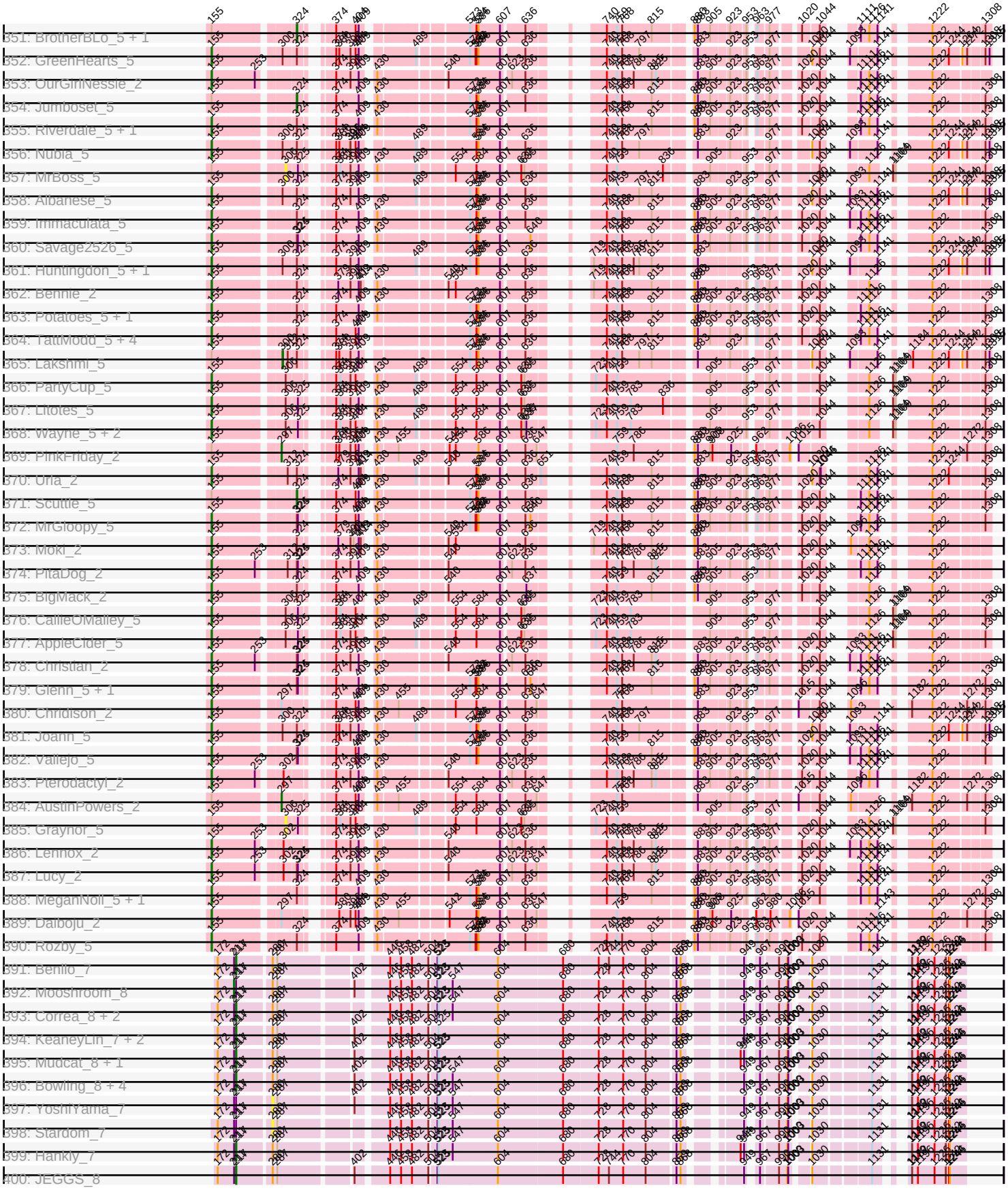
Pham 347007


251: Obama12_11 + 1
252: LochMonster_11
253: OKaNur_11
254: Stink_11 + 1
255: Mundrea_11
256: Cindaradix_10
257: Perplexer_11 + 1
258: LeoAvram_11
259: Morrow_11
260: Cintron_11
261: Milliski_11
262: Micasa_9
263: Airmid_9
264: Midas2_9 + 1
265: George_8 + 1
266: Chadwick_10 + 1
267: Florence4_10 + 1
268: Tiger_9 + 1
269: Conspiracy_9 + 5
270: UnionJack_9
271: Naca_9
272: Dublin_8 + 1
273: Mllcery_9 + 2
274: Discoknowium_9
275: Twigg_9 + 2
276: Jabiru_9
277: Bluefalcon_8
278: Ghouliboy_9
279: SydNat_9 + 1
280: ERiger69_9
281: Jovo_9
282: Aragog_9
283: Benedict_9 + 1
284: Bonamassa_9
285: MarysWell_8
286: Taryhearal_8
287: DelvinSonDon_14 + 3
288: Priamo_15 + 17
289: Hammer_15 + 18
290: Cookiedough_15 + 5
291: Riffer_15 + 2
292: SuperAwesome_15
293: Isiphiwo_15
294: PP_21
295: RiNdeR_11
296: Timshel_12
297: Sheen_13 + 2
298: DroogsArmy_12
299: Smeadley_9 + 2
300: Astro_9 + 5

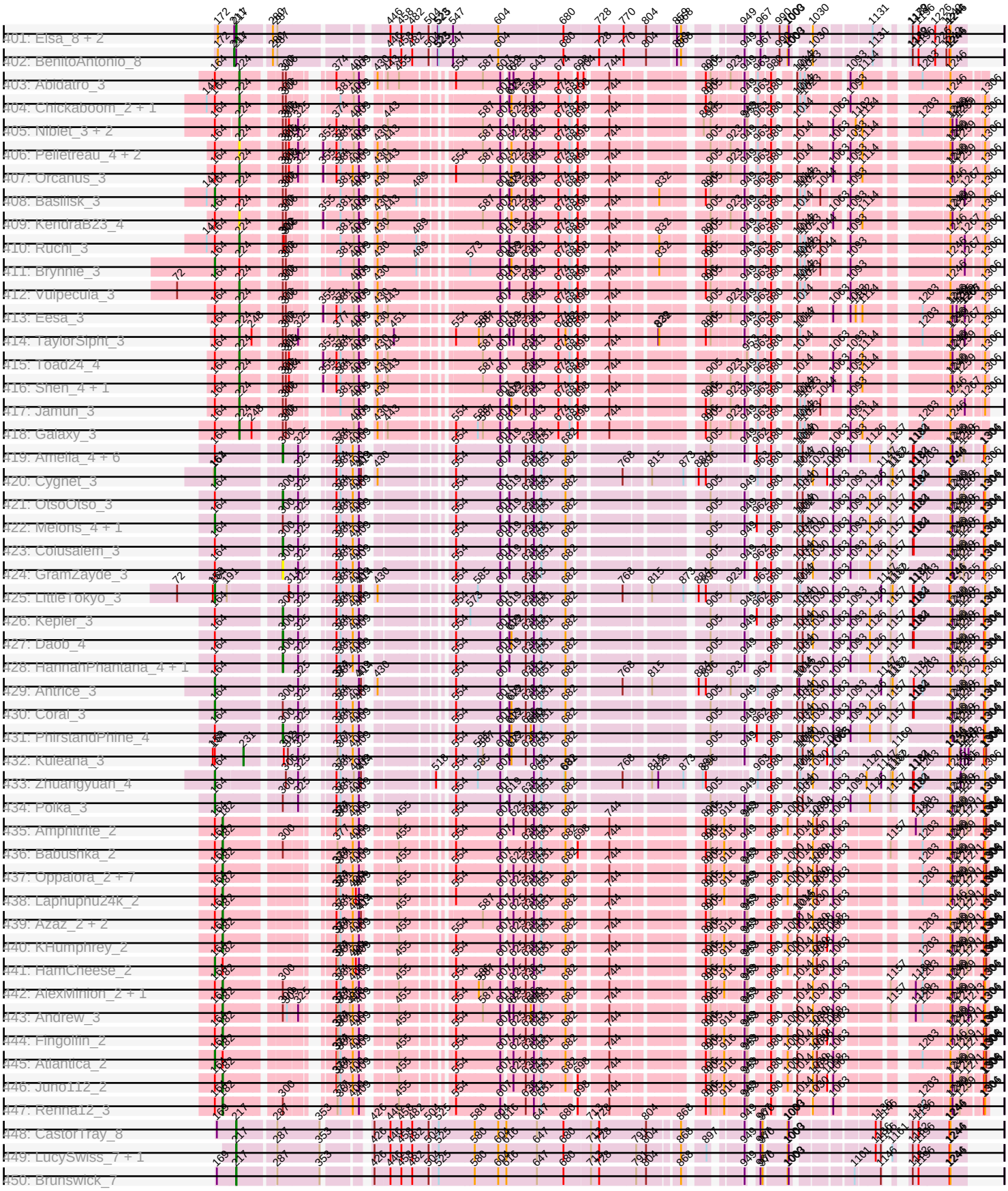
Pham 347007


301: Saintus_9
302: NearlyHeadless_9
303: Phillis_9
304: Tubs_13 + 17
305: Anissahae_11
306: BogosyJay_13
307: Rahalelujah_11 + 4
308: Scherzo_13 + 4
309: LoneWolf_13
310: Darrell_14
311: Toaka_11
312: Onglai_12
313: Vanisoa_11
314: Pioneer_13 + 5
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: Salvus_6 + 1
324: 8UZL_5 + 1
325: JacoRen57_2
326: Muddy_5
327: NoSnow_2
328: Maco6_3
329: Farewell_2 + 1
330: Nergal_5
331: MalagasyRose_7
332: JustASign_2
333: Weirdo19_2
334: Misaeng_5
335: HunterDalle_2 + 1
336: Aledel_2 + 3
337: ChewChew_2
338: Maria1952_2 + 4
339: DrRobert_2
340: Bodacious_2 + 4
341: Huckleberry_2 + 1
342: Supakev_2 + 1
343: DreamTeam_2 + 2
344: Greenhouse_5
345: Makoto_2
346: Fluke_5
347: Oxyrhinus_5
348: WonderBoy_2
349: MamaPearl_2 + 1
350: Kittykat_2

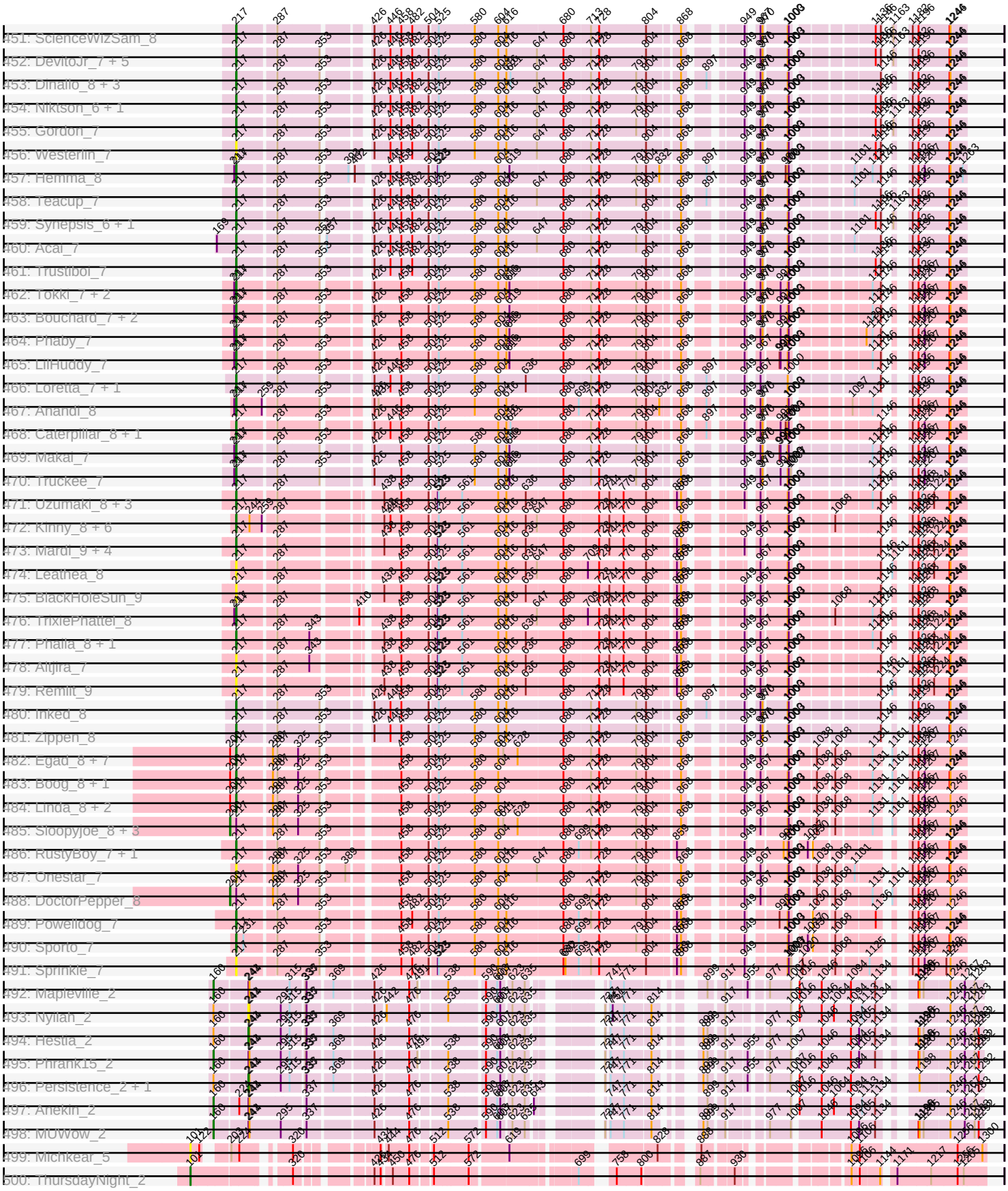
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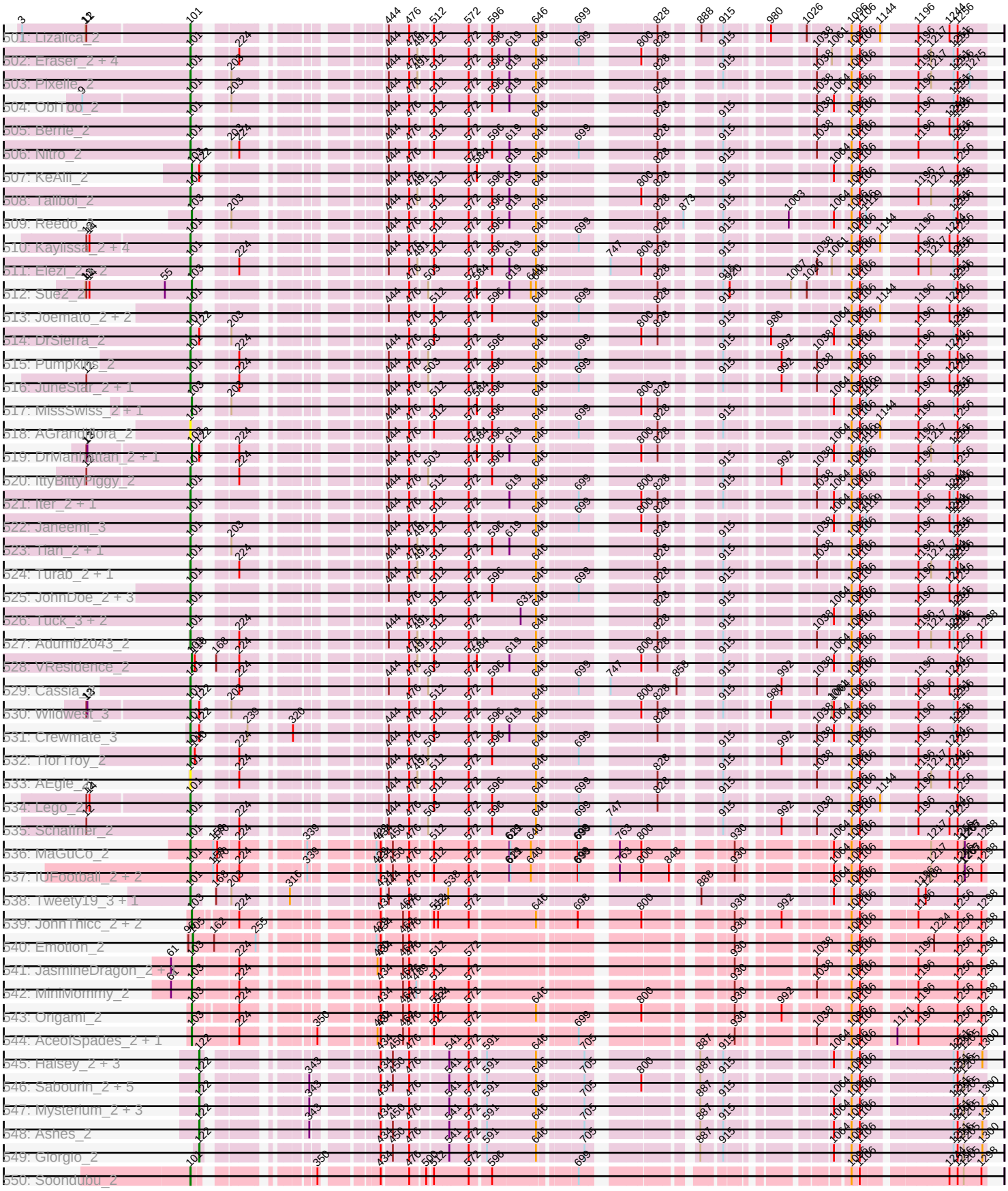
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401: Elsa_8 + 2
402: BenitoAntonio_8
403: Abidatro_3
404: Chickaboom_2 + 1
405: Niblet_3 + 2
406: Pelletreau_4 + 2
407: Orcanus_3
408: Basilisk_3
409: KendraB23_4
410: Ruchi_3
411: Brynnie_3
412: Vulpecula_3
413: Eesa_3
414: TaylorSipht_3
415: Toad24_4
416: Shen_4 + 1
417: Jamun_3
418: Galaxy_3
419: Amelia_4 + 6
420: Cygnet_3
421: OtsoOtso_3
422: Melons_4 + 1
423: Colusalem_3
424: GramZayde_3
425: LittleTokyo_3
426: Kepler_3
427: Daob_4
428: HannahPhantana_4 + 1
429: Antrice_3
430: Coral_3
431: PhirstandPhine_4
432: Kuleana_3
433: Zhuangyuan_4
434: Polka_3
435: Amphitrite_2
436: Babushka_2
437: Oppalora_2 + 7
438: Laphuphu24k_2
439: Azaz_2 + 2
440: KHumphrey_2
441: HamCheese_2
442: AlexMinion_2 + 1
443: Andrew_3
444: Fingolfin_2
445: Atlantica_2
446: Juno112_2
447: Renna12_3
448: CastorTray_8
449: LucySwiss_7 + 1
450: Brunswick_7

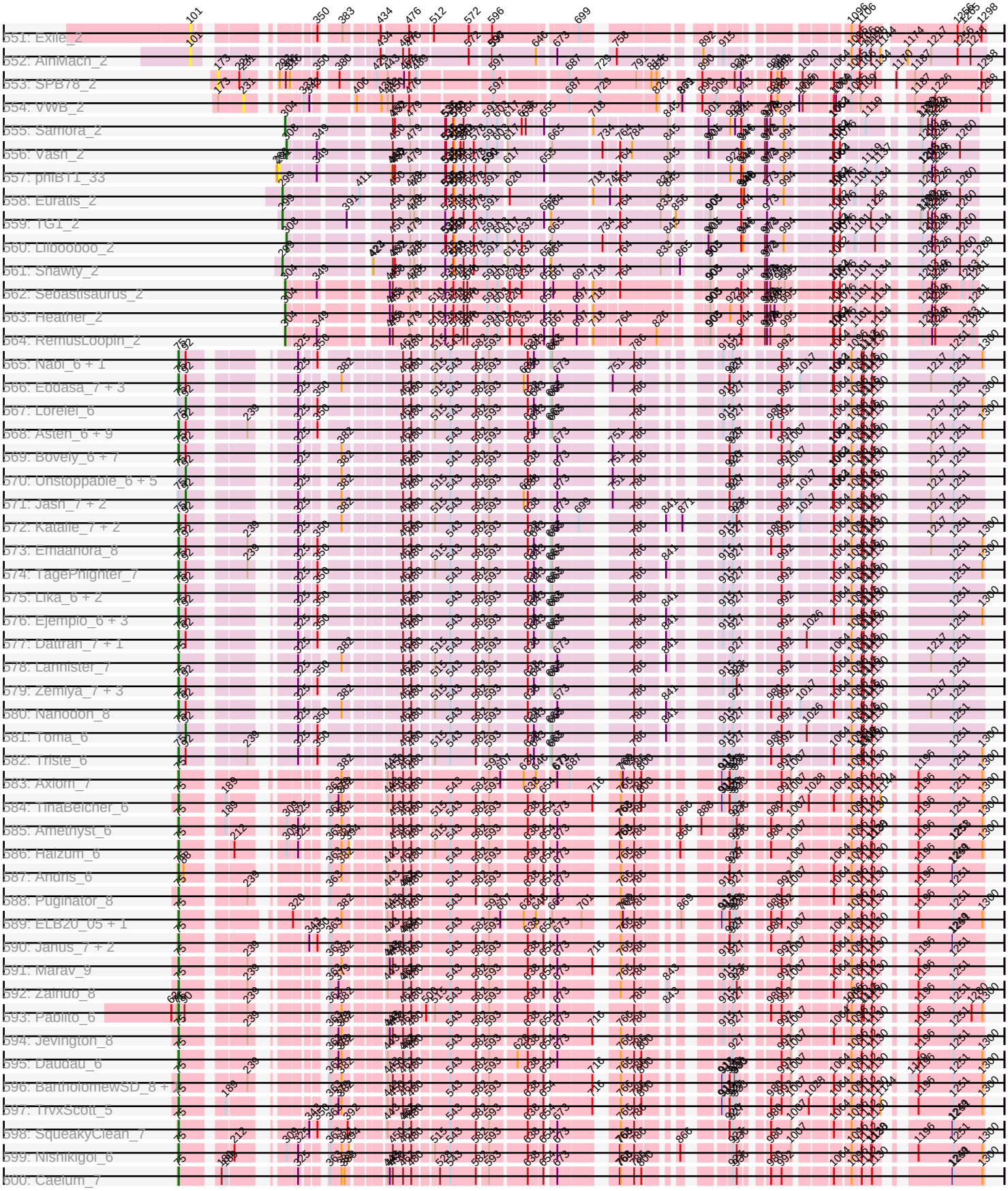
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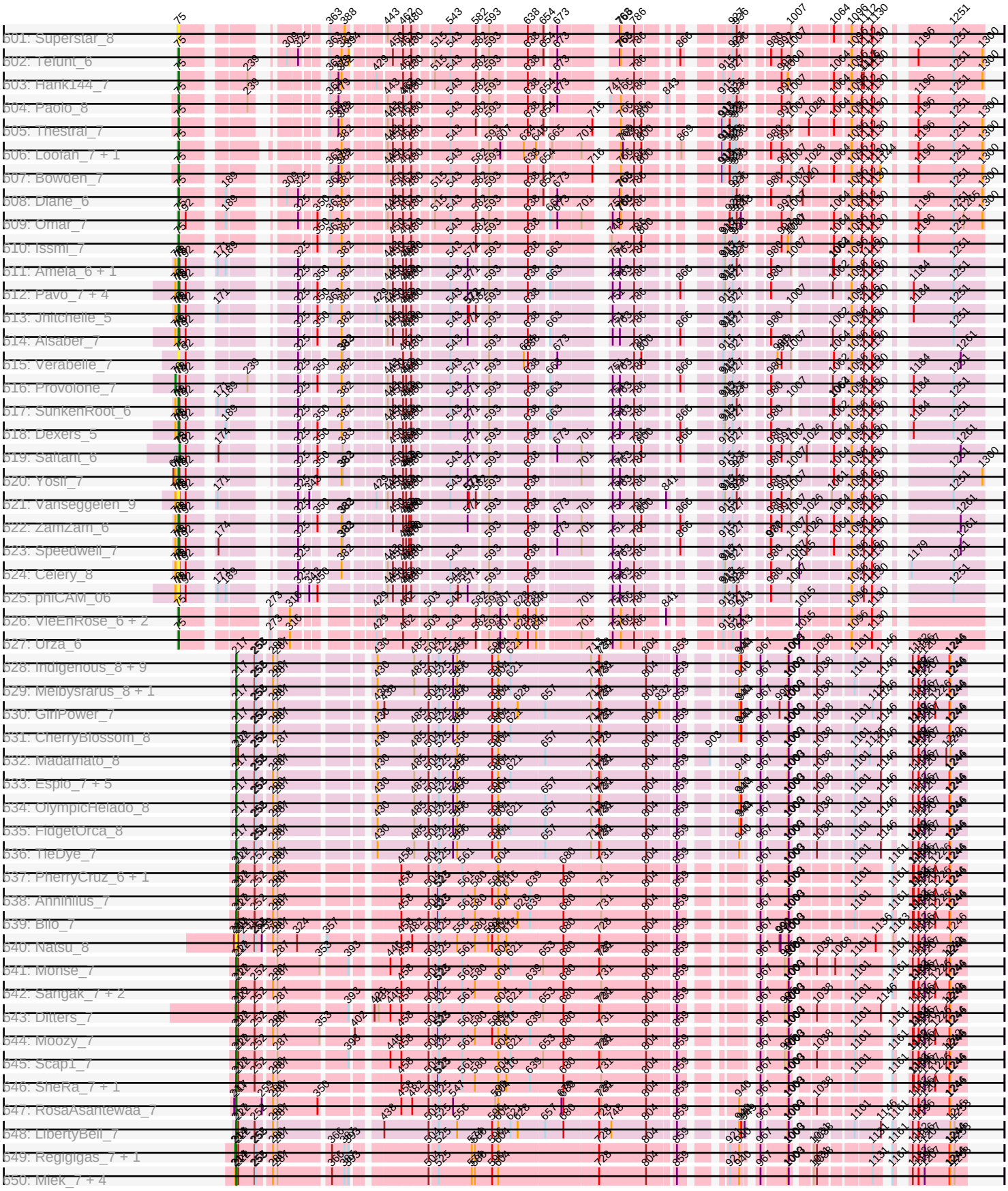
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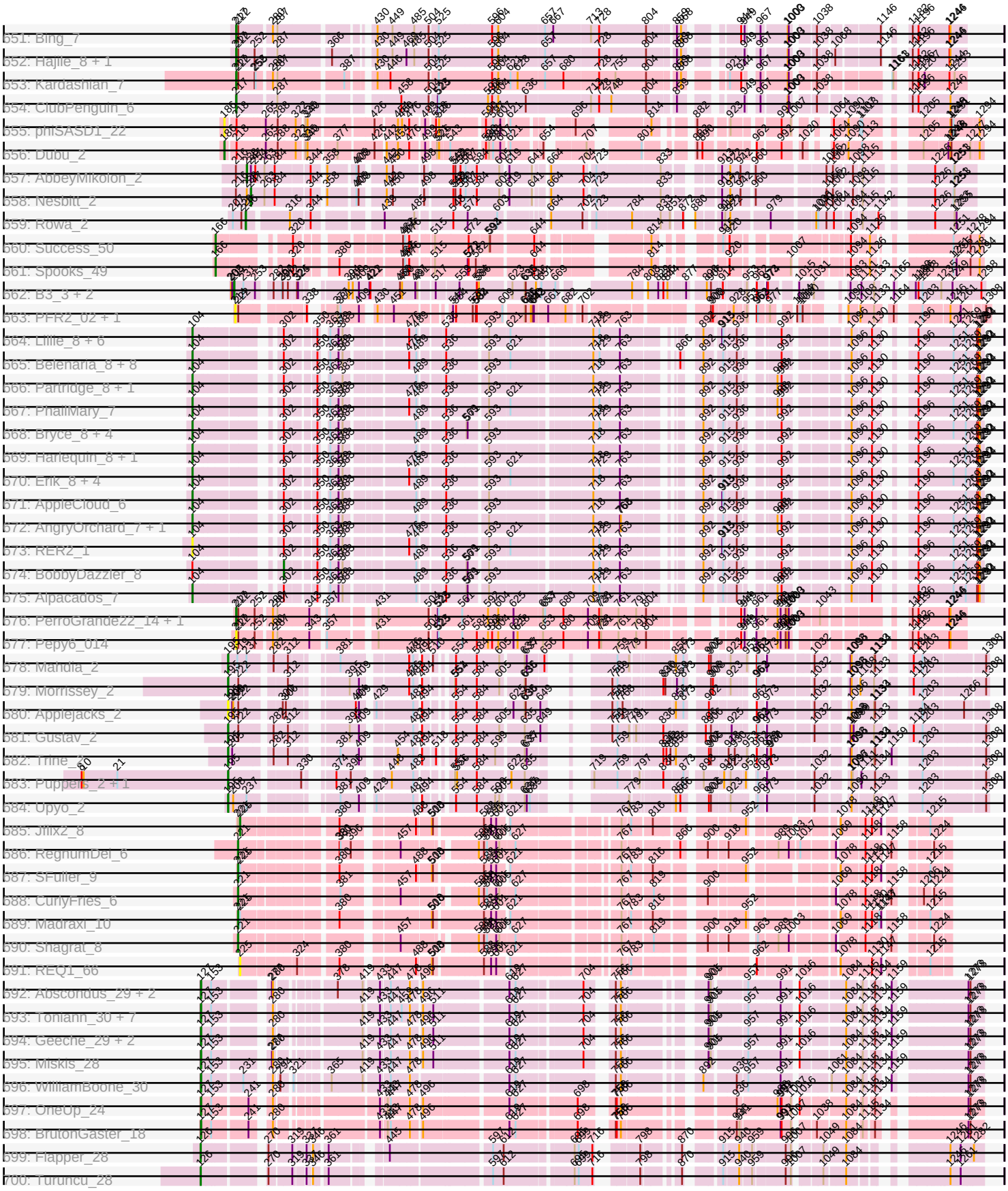
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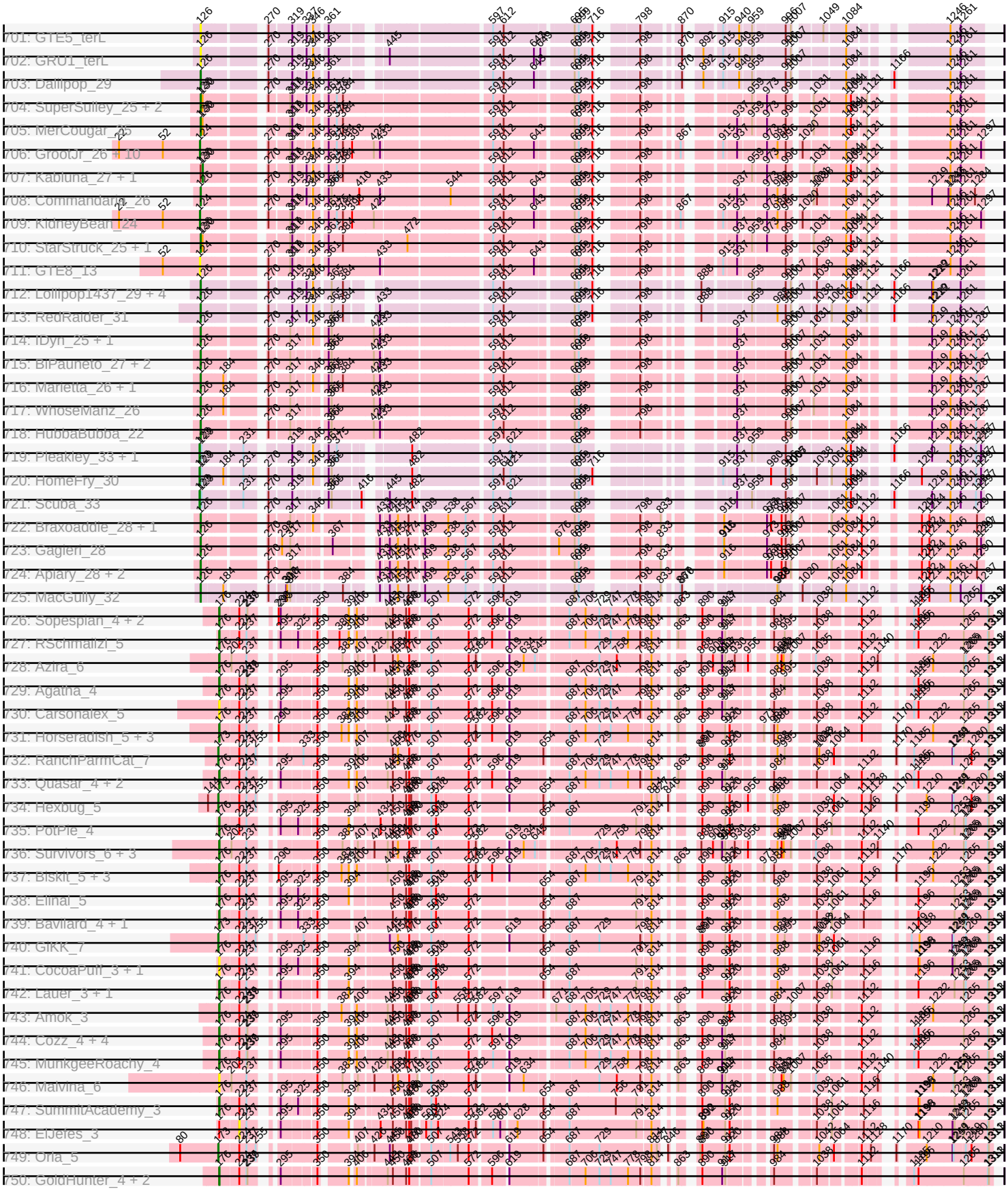
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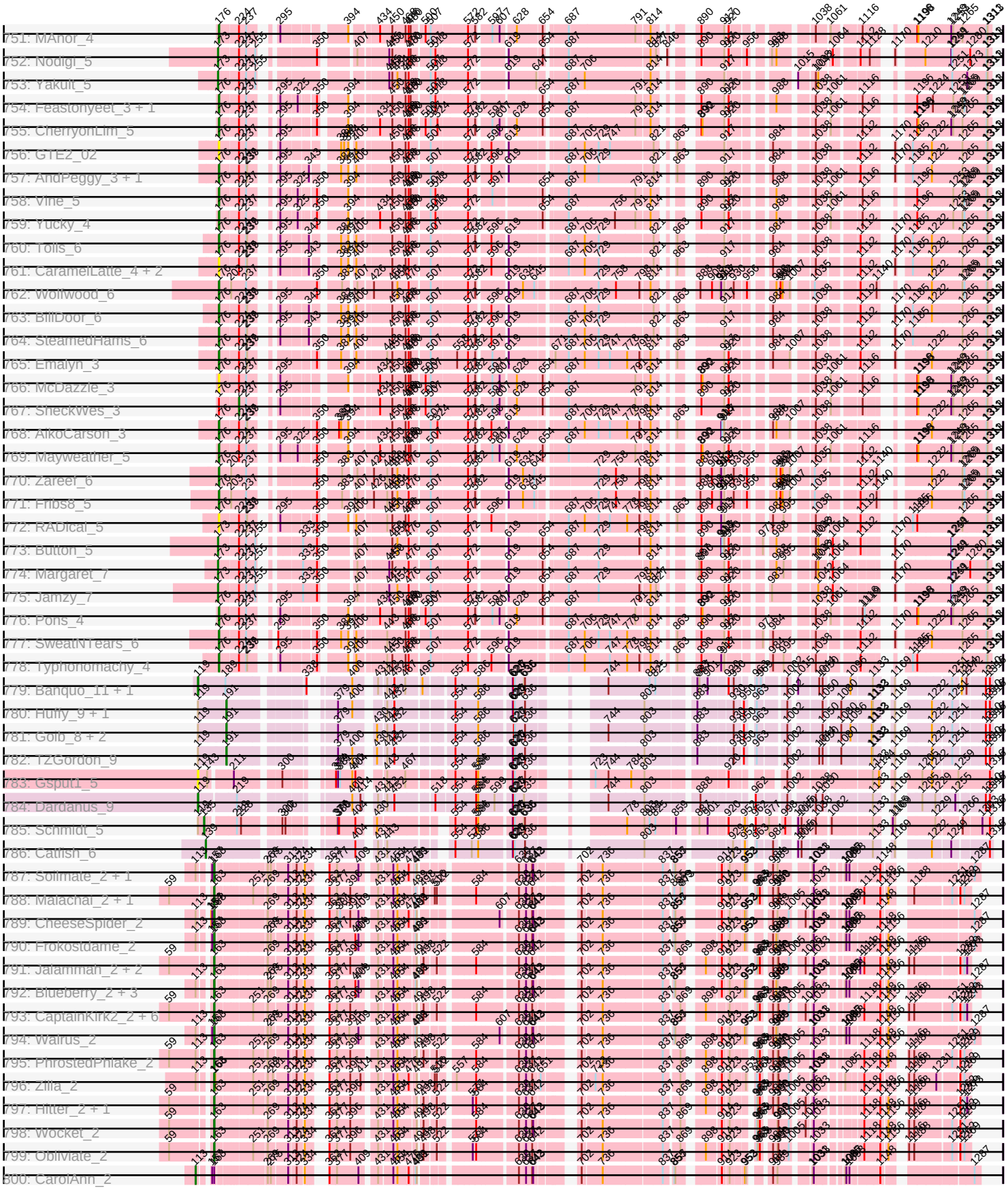
Pham 347007


651: Bing_7
652: Hallie_8 + 1
653: Kardashian_7
654: ClubPenguin_6
655: phiSASD1_22
656: Dubu_2
657: AbbeyMikolon_2
658: Nesbitt_2
659: Rowa_2
660: Success_50
661: Spooks_49
662: B3_3 + 2
663: PFR2_02 + 1
664: Lillie_8 + 6
665: Belenaria_8 + 8
666: Partridge_8 + 1
667: PhallMary_7
668: Bryce_8 + 4
669: Harlequin_8 + 1
670: Erik_8 + 4
671: AppleCloud_6
672: AngryOrchard_7 + 1
673: RER2_1
674: BobbyDazzler_8
675: Alpacados_7
676: PerroGrande22_14 + 1
677: Pepy6_014
678: Mandla_2
679: Morrissey_2
680: Applejacks_2
681: Gustav_2
682: Trine_2
683: Puppers_2 + 1
684: Opyo_2
685: Jflix2_8
686: RegnumDei_6
687: SFuller_9
688: CurlyFries_6
689: Madraxi_10
690: Shagrat_8
691: REQ1_66
692: Abscondus_29 + 2
693: Toniann_30 + 7
694: Geeche_29 + 2
695: Miskis_28
696: WilliamBoone_30
697: OneUp_24
698: BrutonGaster_18
699: Flapper_28
700: Turuncu_28

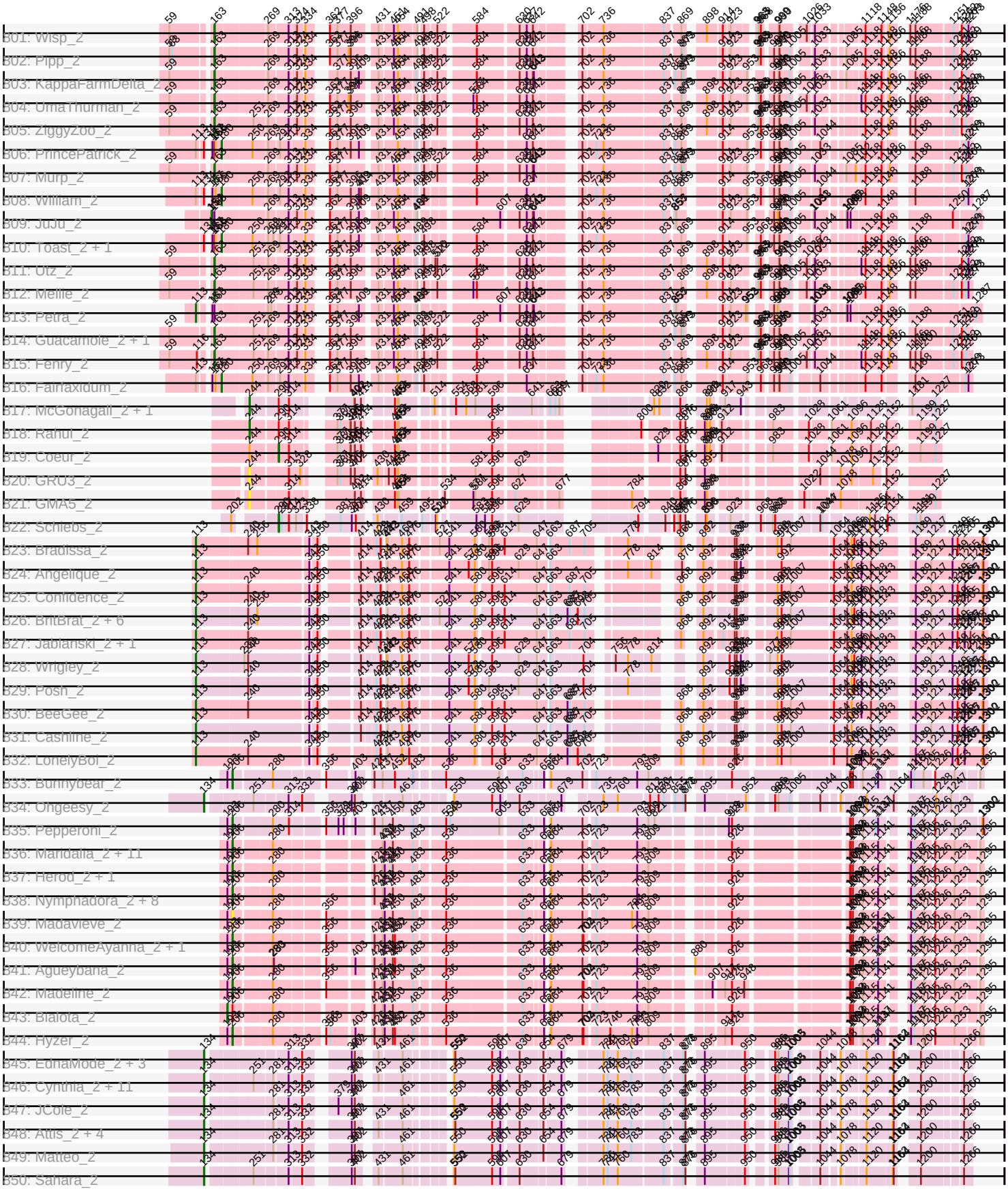
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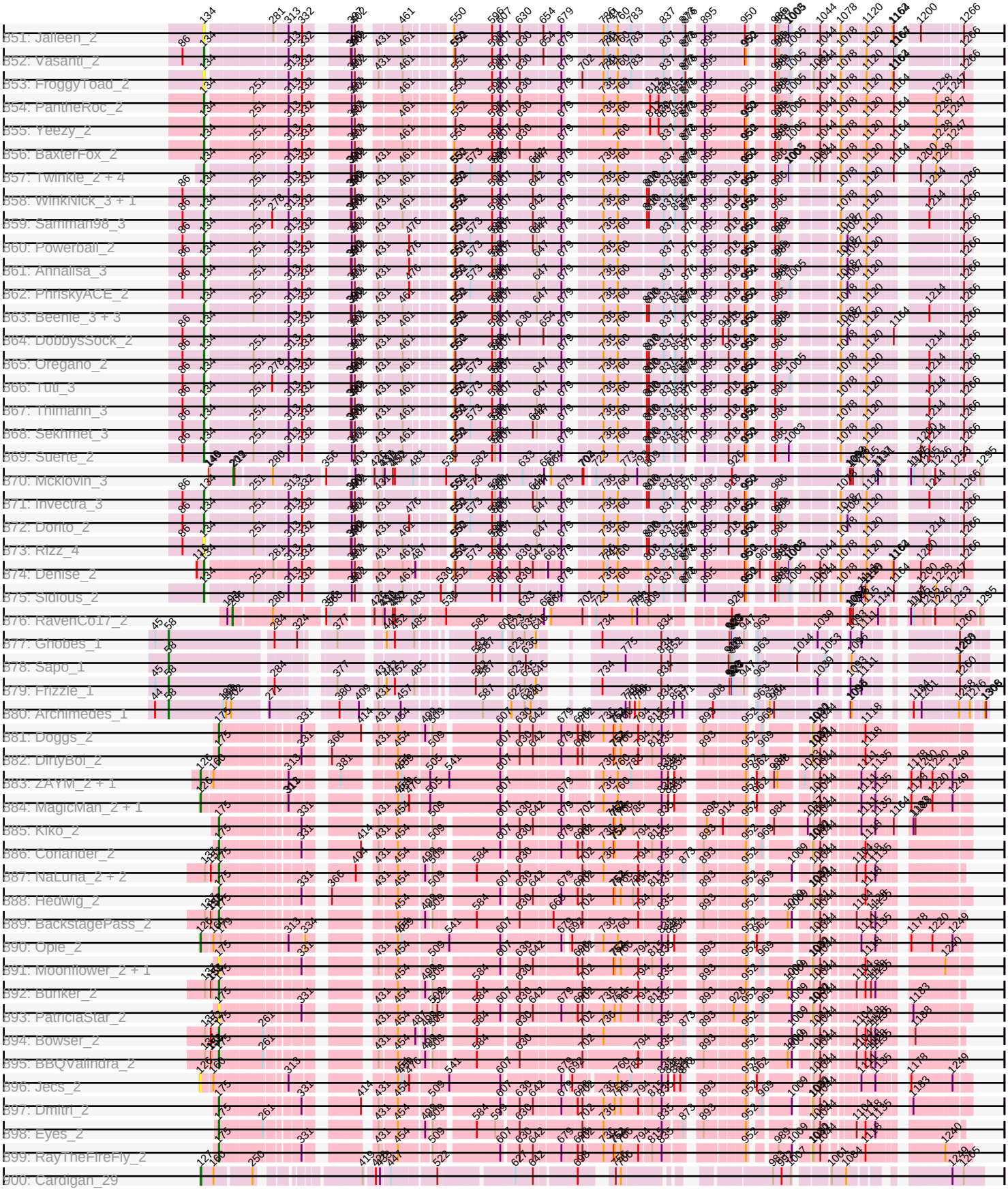
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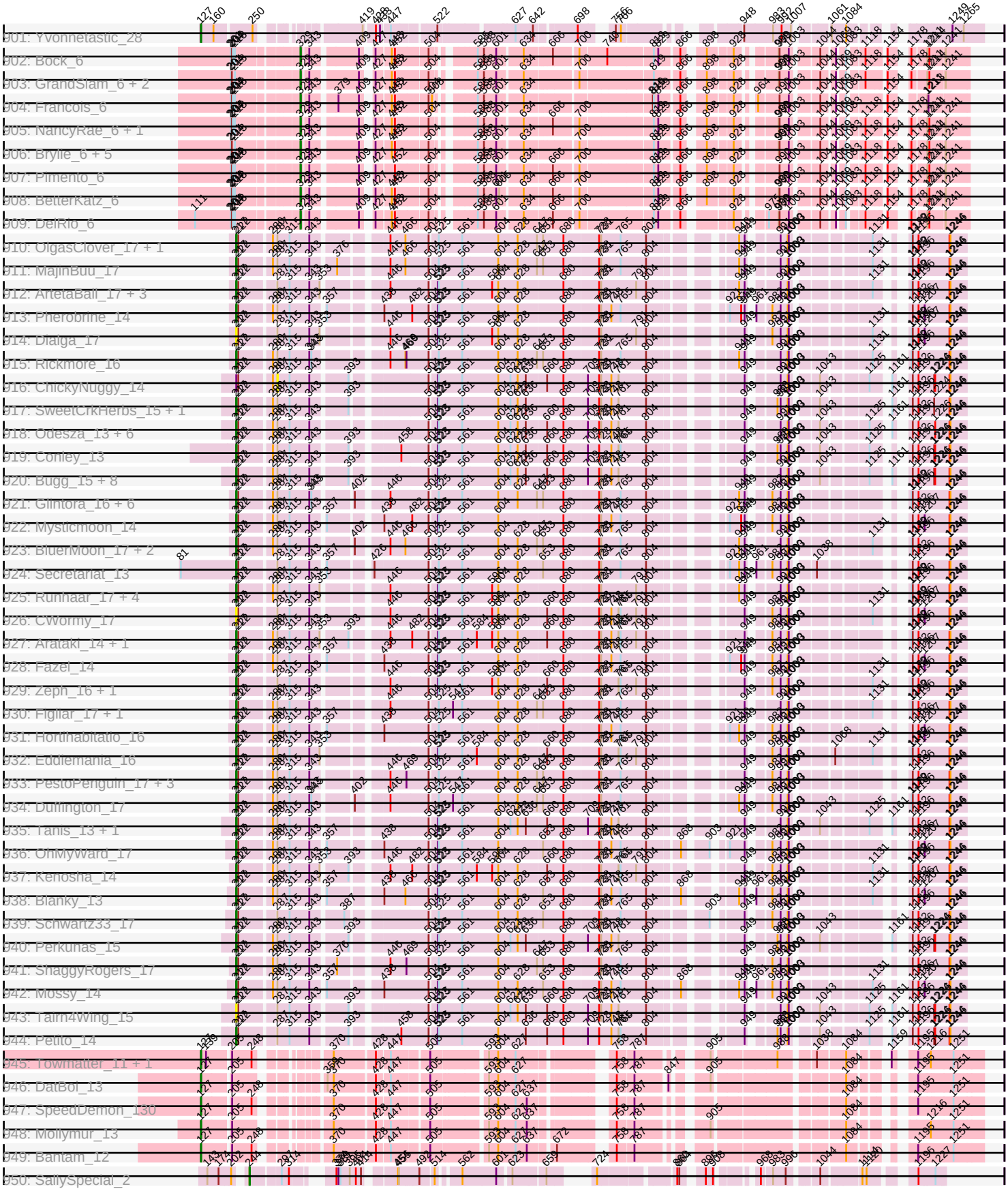
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B01: Wisp_2
B02: Pipp_2
B03: KappaFarmDelta_2
B04: UmaThurman_2
B05: ZiggyZoo_2
B06: PrincePatrick_2
B07: Murp_2
B08: William_2
B09: JuJu_2
B10: Toast_2 + 1
B11: Otz_2
B12: Mellie_2
B13: Petra_2
B14: Guacamole_2 + 1
B15: Fenry_2
B16: Fairaxidum_2
B17: McGonagall_2 + 1
B18: Rahul_2
B19: Coeur_2
B20: GRU3_2
B21: GMA5_2
B22: Schiebs_2
B23: Bradissa_2
B24: Angelique_2
B25: Confidence_2
B26: BritBrat_2 + 6
B27: Jablanski_2 + 1
B28: Wrigley_2
B29: Posh_2
B30: BeeGee_2
B31: Cashline_2
B32: LonelyBoi_2
B33: Bunnybear_2
B34: Ongeesy_2
B35: Pepperoni_2
B36: Mandalla_2 + 11
B37: Herod_2 + 1
B38: Nymphadora_2 + 8
B39: Madavieve_2
B40: WelcomeAyanna_2 + 1
B41: Agueybana_2
B42: Madeline_2
B43: Bialota_2
B44: Hyzer_2
B45: EdnaMode_2 + 3
B46: Cynthia_2 + 11
B47: JCole_2
B48: Attis_2 + 4
B49: Matteo_2
B50: Sahara_2

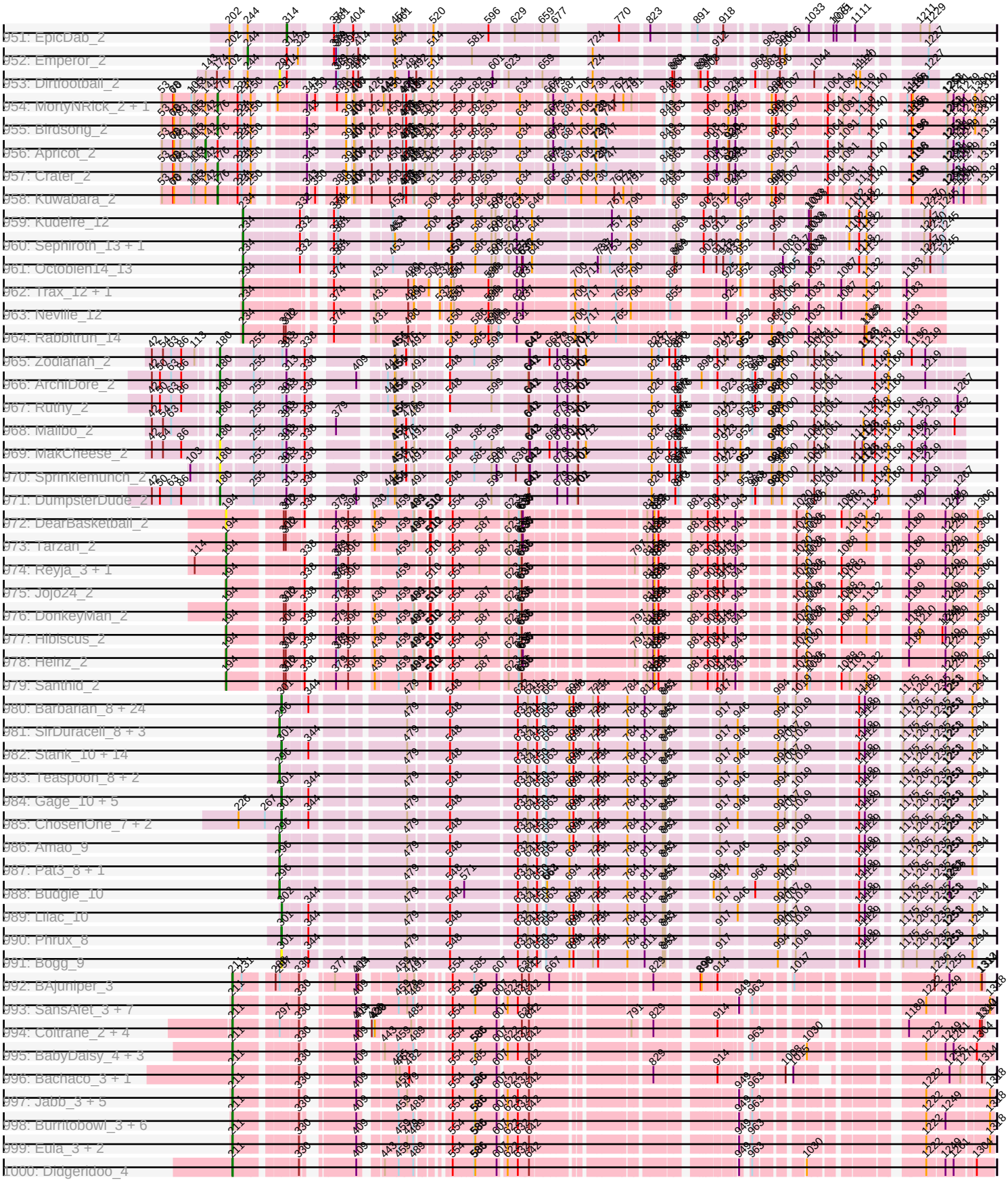
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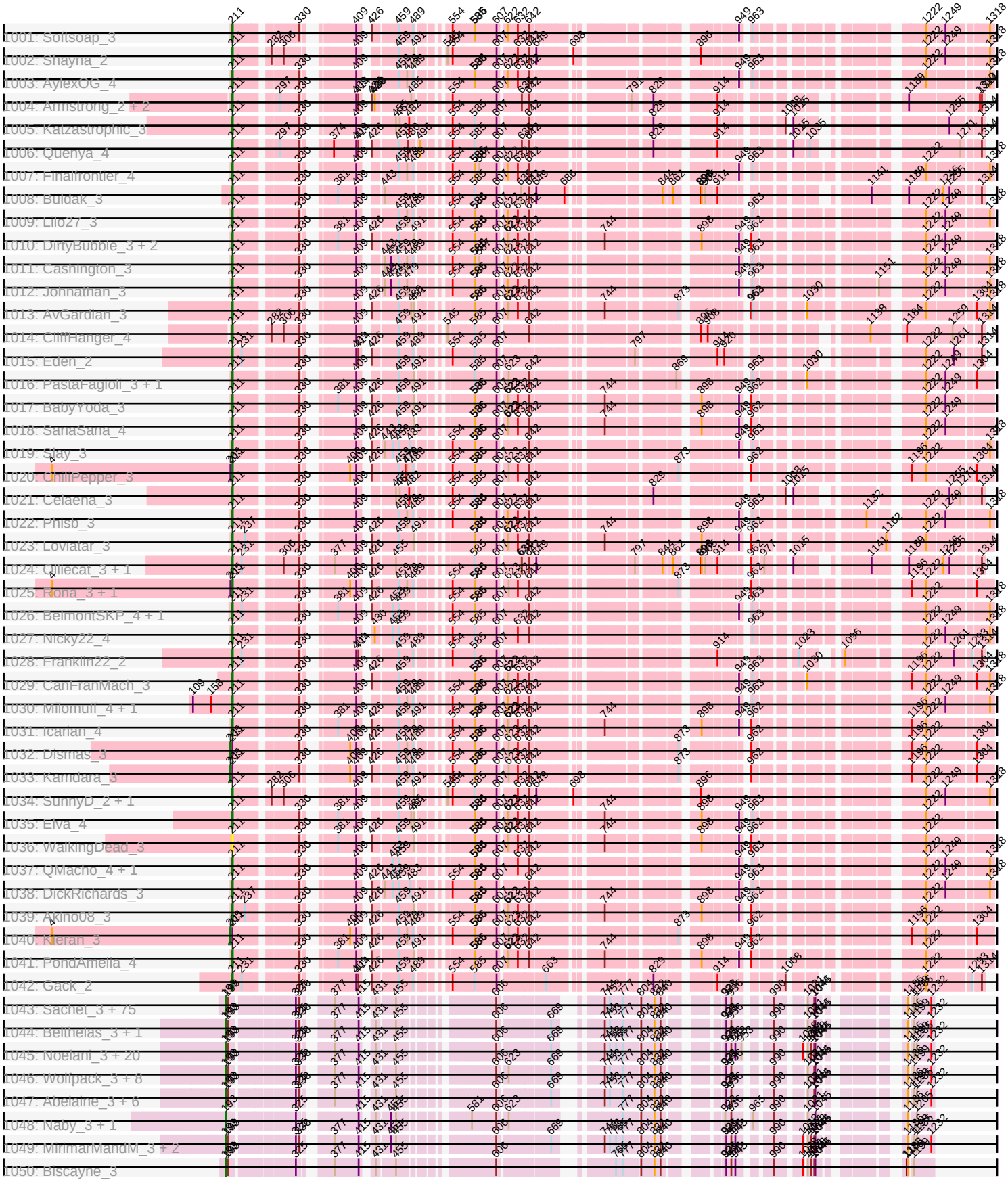
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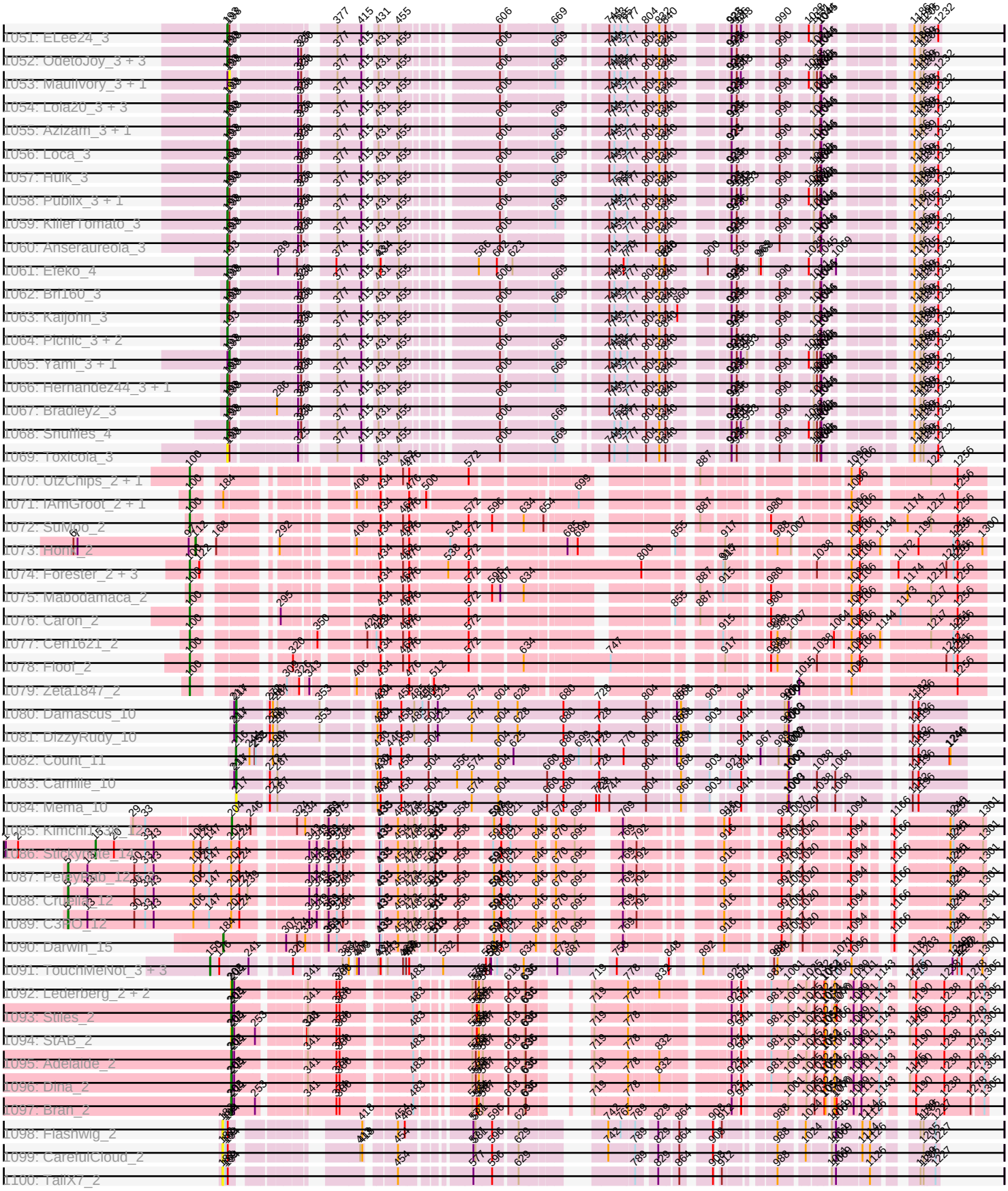
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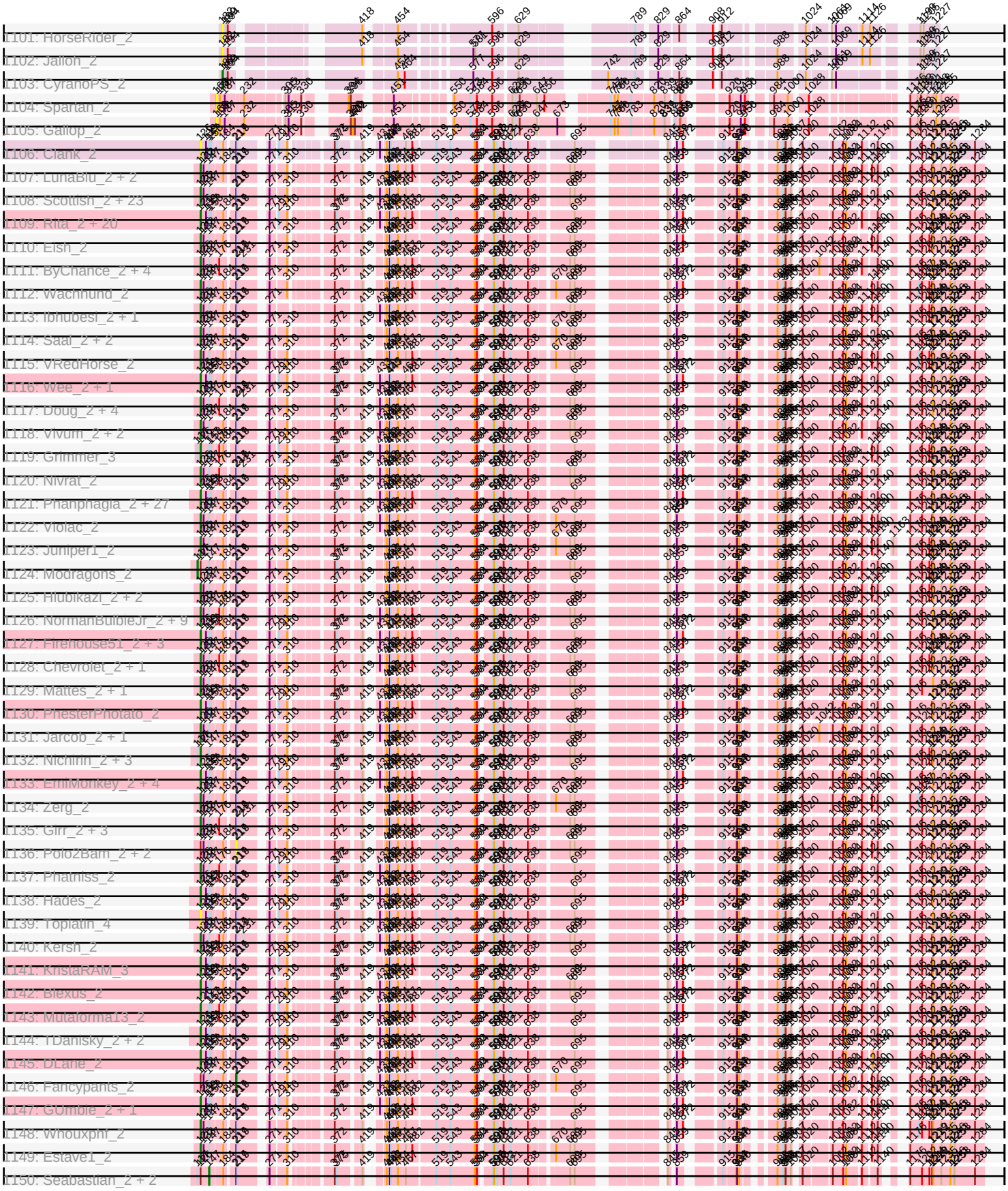
Pham 347007


1001: Softsoap_3
1002: Shayna_2
1003: AylexOG_4
1004: Armstrong_2 + 2
1005: Katzastrophic_3
1006: Quenya_4
1007: FinalFrontier_4
1008: Buldak_3
1009: Lil027_3
1010: DirtyBubbble_3 + 2
1011: Cashington_3
1012: Johnathan_3
1013: AvGardian_3
1014: CliffHanger_4
1015: Eden_2
1016: PastaFagioli_3 + 1
1017: BabyYoda_3
1018: SanaSana_4
1019: Slay_3
1020: ChiliPepper_3
1021: Celaena_3
1022: Phisb_3
1023: Loviatar_3
1024: Gilecat_3 + 1
1025: Rona_3 + 1
1026: BelmontSKP_4 + 1
1027: Nicky22_4
1028: Franklin22_2
1029: CanFranMach_3
1030: Milomuff_4 + 1
1031: Icarian_4
1032: Dismas_3
1033: Kamdara_3
1034: SunnyD_2 + 1
1035: Elva_4
1036: WalkingDead_3
1037: QMacho_4 + 1
1038: DickRichards_3
1039: Akino08_3
1040: Kieran_3
1041: PondAmelia_4
1042: Gack_2
1043: Sachet_3 + 75
1044: Belthelas_3 + 1
1045: Noelani_3 + 20
1046: Wolfpack_3 + 8
1047: Abelaine_3 + 6
1048: Naby_3 + 1
1049: MinmarMandM_3 + 2
1050: Biscayne_3

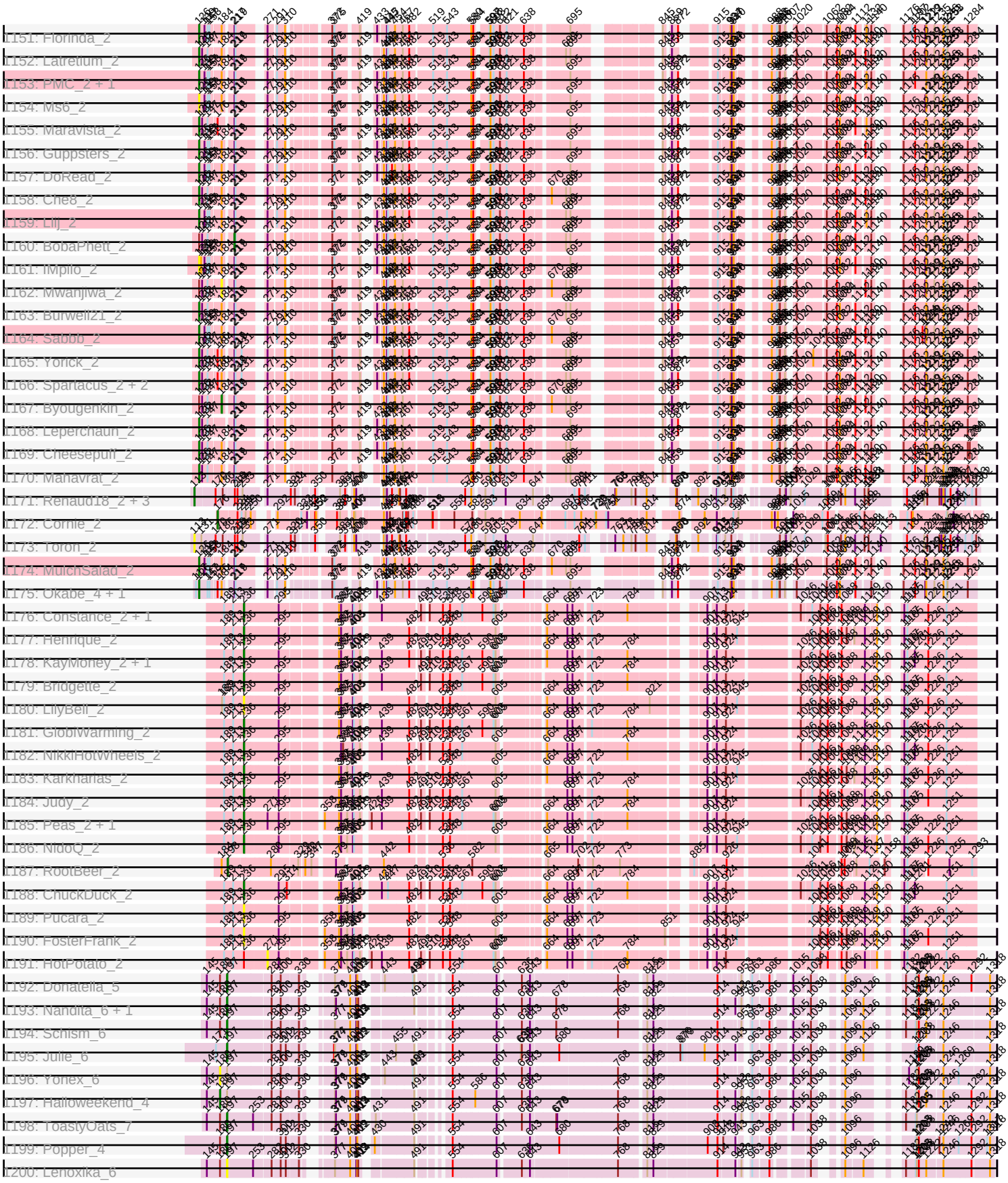
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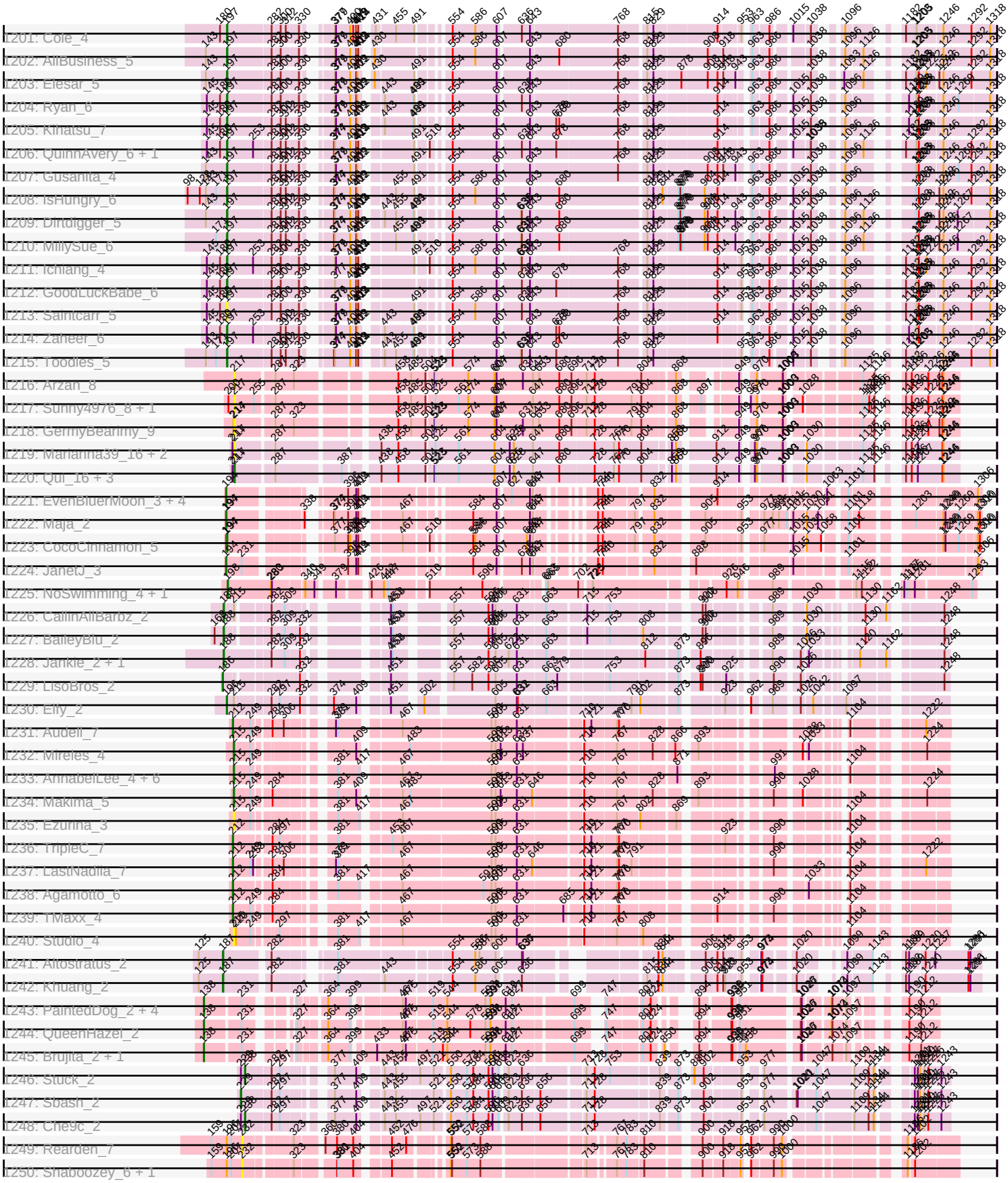
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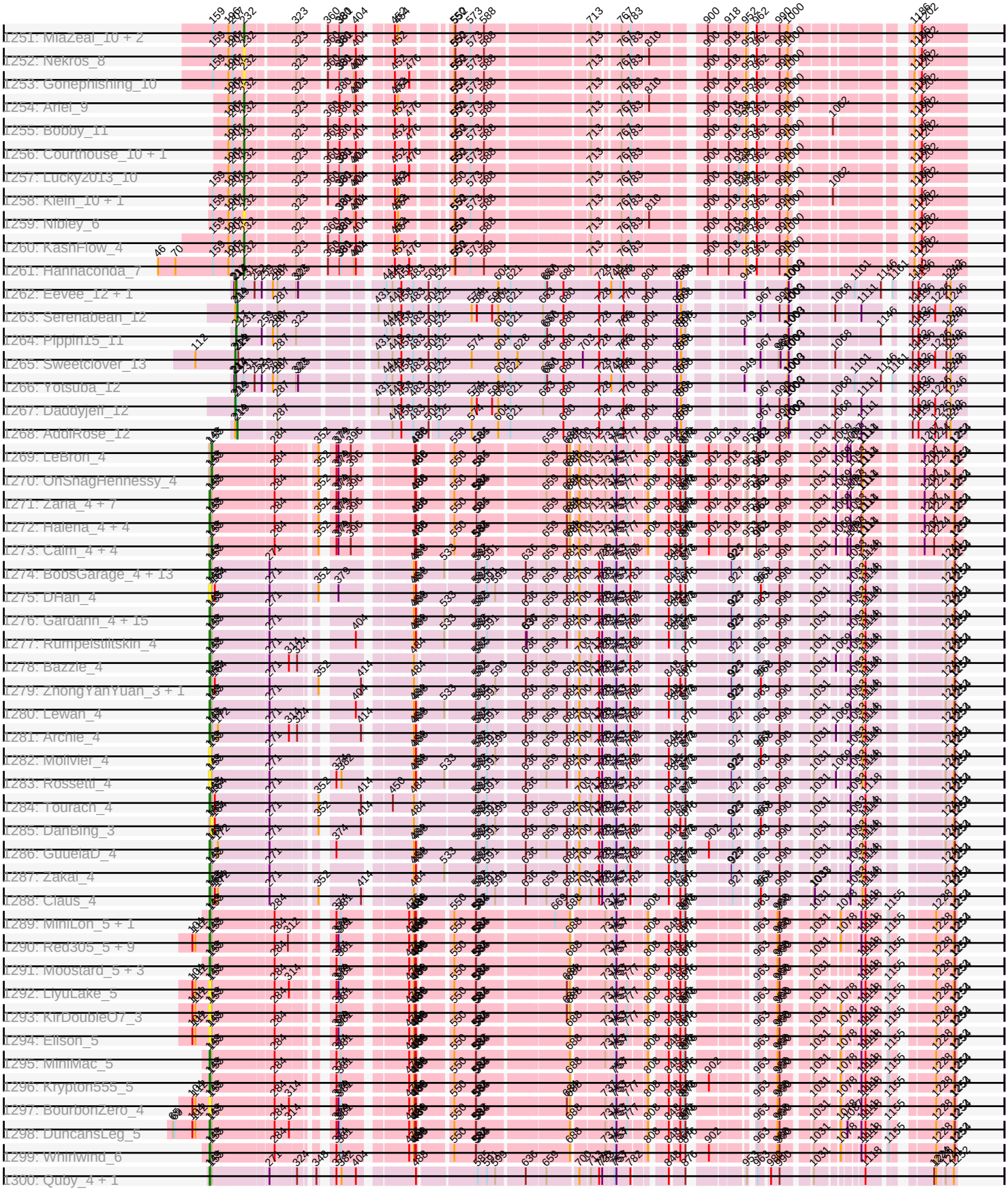
Pham 347007


I151: Florinda_2
I152: Latretium_2
I153: PMC_2 + 1
I154: Ms6_2
I155: Maravista_2
I156: Guppsters_2
I157: DoRead_2
I158: Che8_2
I159: Lily_2
I160: BobaPhett_2
I161: Implio_2
I162: Mwanjiwa_2
I163: Burwell21_2
I164: Sabbo_2
I165: Yorick_2
I166: Spartacus_2 + 2
I167: Byougenkin_2
I168: Leperchaun_2
I169: Cheesepuff_2
I170: Manavrat_2
I171: Renaud18_2 + 3
I172: Cornie_2
I173: Toron_2
I174: MulchSalad_2
I175: Okabe_4 + 1
I176: Constance_2 + 1
I177: Henrique_2
I178: KayMoney_2 + 1
I179: Bridgette_2
I180: LilyBell_2
I181: GlobalWarming_2
I182: NikkiHotWheels_2
I183: Karkhanas_2
I184: Judy_2
I185: Peas_2 + 1
I186: NidoQ_2
I187: RootBeer_2
I188: ChuckDuck_2
I189: Pucara_2
I190: FosterFrank_2
I191: HotPotato_2
I192: Donatella_5
I193: Nandita_6 + 1
I194: Schism_6
I195: Julie_6
I196: Yonex_6
I197: Halloweekend_4
I198: ToastyOats_7
I199: Popper_4
I200: Lenoxika_6

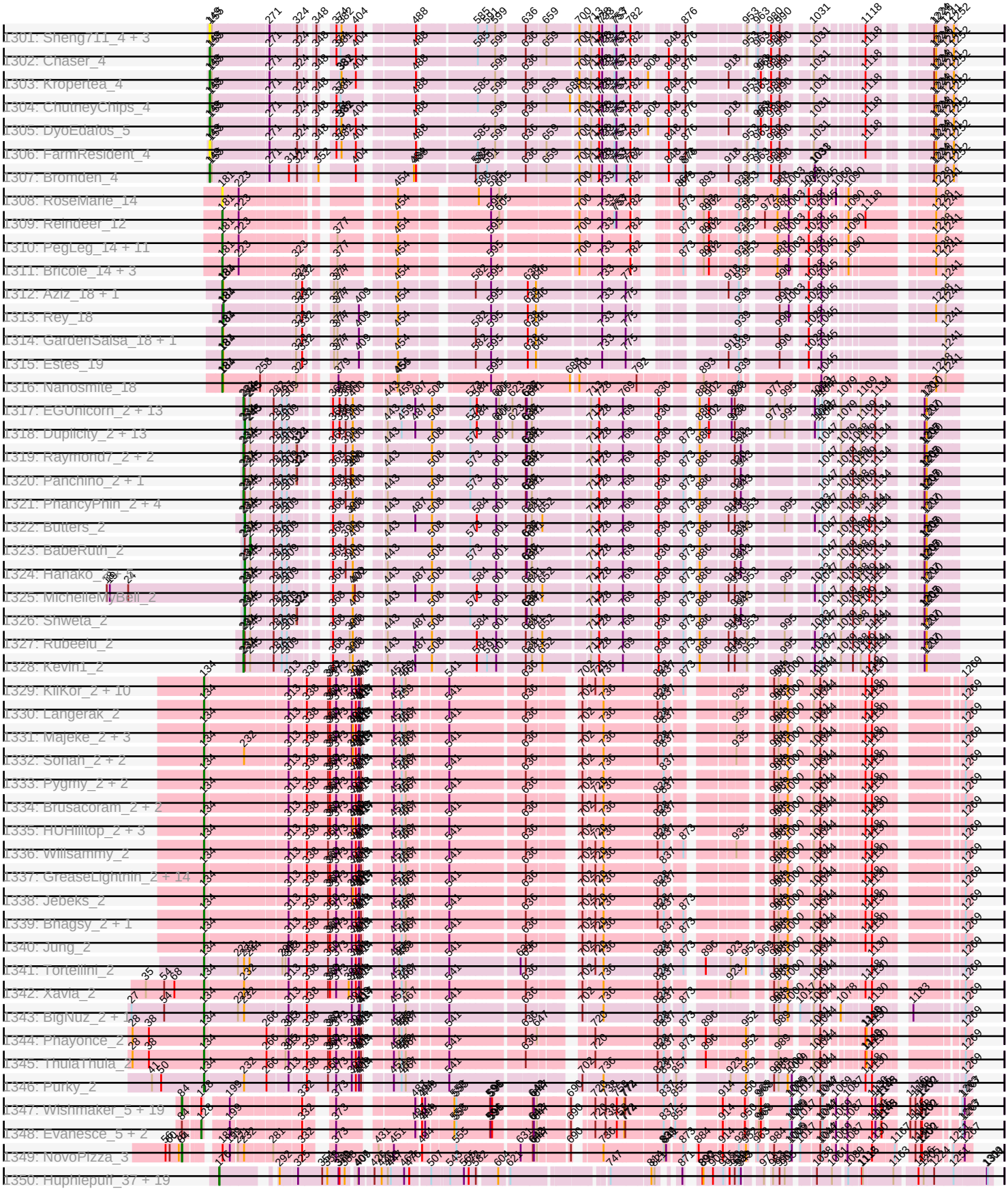
Pham 347007


t201: Cole_4
t202: AllBusiness_5
t203: Elesar_5
t204: Ryan_6
t205: Kinatsu_7
t206: QuinnAvery_6 + 1
t207: Gusanita_4
t208: IsHungry_6
t209: Dirtdigger_5
t210: MillySue_6
t211: Ichiang_4
t212: GoodLuckBabe_6
t213: Saintcarr_5
t214: Zaheer_6
t215: Toodles_5
t216: Arzan_8
t217: Sunny4976_8 + 1
t218: GermyBearmy_9
t219: Marianna39_16 + 2
t220: Qui_16 + 3
t221: EvenBluerMoon_3 + 4
t222: Maja_2
t223: CocoCinnamon_5
t224: JanetJ_3
t225: NoSwimming_4 + 1
t226: CallinAllBarbz_2
t227: BaileyBlu_2
t228: Jankie_2 + 1
t229: LisoBros_2
t230: Elly_2
t231: Audell_7
t232: Mireles_4
t233: AnnabelLee_4 + 6
t234: Makima_5
t235: Ezurina_3
t236: TripleC_7
t237: LastNadilla_7
t238: Agamotto_6
t239: TMaxx_4
t240: Studio_4
t241: Altostratus_2
t242: Khuang_2
t243: PaintedDog_2 + 4
t244: QueenHazel_2
t245: Brujita_2 + 1
t246: Stuck_2
t247: Sbash_2
t248: Che9c_2
t249: Rearden_7
t250: Shaboozey_6 + 1

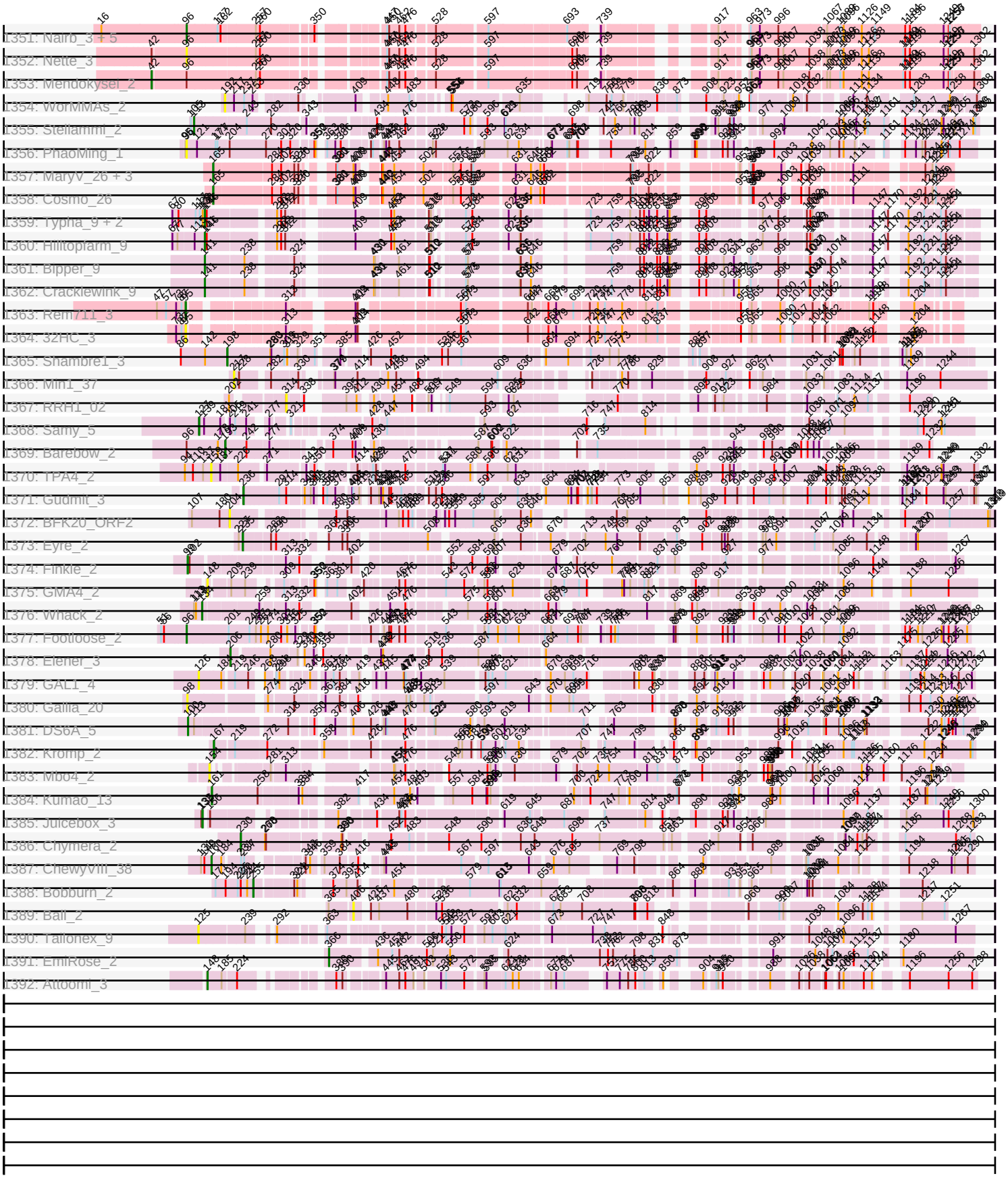
Pham 347007


I251: MiaZeal_10 + 2
I252: Nekros_8
I253: Gonephishing_10
I254: Ariel_9
I255: Bobby_11
I256: Courthouse_10 + 1
I257: Lucky2013_10
I258: Klein_10 + 1
I259: Nibley_6
I260: KashFlow_4
I261: Hannaconda_7
I262: Eevee_12 + 1
I263: Serenabean_12
I264: Pippin15_11
I265: Sweetclover_13
I266: Yotsuba_12
I267: Daddyjeff_12
I268: AddiRose_12
I269: LeBron_4
I270: OhSnagHennessy_4
I271: Zaria_4 + 7
I272: Halena_4 + 4
I273: Calm_4 + 4
I274: BobsGarage_4 + 13
I275: DHan_4
I276: Gardann_4 + 15
I277: Rumpelstiltskin_4
I278: Bazzle_4
I279: ZhongYanYuan_3 + 1
I280: Lewan_4
I281: Archie_4
I282: Mollvier_4
I283: Rossetti_4
I284: Tourach_4
I285: DanBing_3
I286: GuuelaD_4
I287: Zakai_4
I288: Claus_4
I289: MiniLon_5 + 1
I290: Red305_5 + 9
I291: Moostard_5 + 3
I292: LilyLake_5
I293: KirDoubleO7_3
I294: Ellson_5
I295: MiniMac_5
I296: Krypton555_5
I297: BourbonZero_4
I298: DuncansLeg_5
I299: Whirlwind_6
I300: Quby_4 + 1

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I301: Sheng711_4 + 3
I302: Chaser_4
I303: Kropentea_4
I304: ChutneyChips_4
I305: DyoEdafos_5
I306: FarmResident_4
I307: Bromden_4
I308: RoseMarie_14
I309: Reindeer_12
I310: PegLeg_14 + 11
I311: Bricole_14 + 3
I312: Aziz_18 + 1
I313: Rey_18
I314: GardenSalsa_18 + 1
I315: Estes_19
I316: Nanosmite_18
I317: EGUnicorn_2 + 13
I318: Duplicity_2 + 13
I319: Raymond7_2 + 2
I320: Panchino_2 + 1
I321: PhancyPhin_2 + 4
I322: Butters_2
I323: BabeRuth_2
I324: Hanako_2 + 15
I325: MichelleMyBell_2
I326: Shweta_2
I327: Rubeetu_2
I328: Kevin1_2
I329: KliKor_2 + 10
I330: Langerak_2
I331: Majeke_2 + 3
I332: Sonan_2 + 2
I333: Pygmy_2 + 2
I334: Brusacoram_2 + 2
I335: HOHilltop_2 + 3
I336: Wilsammy_2
I337: GreaseLightnin_2 + 14
I338: Jebeks_2
I339: Bhagsy_2 + 1
I340: Jung_2
I341: Tortellini_2
I342: Xavia_2
I343: BigNuz_2 + 1
I344: Phayonce_2
I345: ThulaThula_2
I346: Purky_2
I347: Wishmaker_5 + 19
I348: Evanesce_5 + 2
I349: NovoPizza_3
I350: Huphiepun_37 + 19

Pham 347007


I351: Nairb_3 + 5
I352: Nette_3
I353: Mendokysei_2
I354: WorMMAs_2
I355: Stellammi_2
I356: PhaoMing_1
I357: MaryV_26 + 3
I358: Cosmo_26
I359: Typha_9 + 2
I360: Hilltopfarm_9
I361: Bipper_9
I362: Cracklewink_9
I363: Rem711_3
I364: 32HC_3
I365: Shambre1_3
I366: Mim1_37
I367: RRH1_02
I368: Samy_5
I369: Barebow_2
I370: TPA4_2
I371: Gudmit_3
I372: BFK20_ORF2
I373: Eyre_2
I374: Finkie_2
I375: GMA4_2
I376: Whack_2
I377: Footloose_2
I378: Elener_3
I379: GALI_4
I380: Gallia_20
I381: DS6A_5
I382: Kromp_2
I383: Mibo4_2
I384: Kumao_13
I385: Juicebox_3
I386: Chymera_2
I387: ChewyVIII_38
I388: Bobburn_2
I389: Ball_2
I390: Tallonex_9
I391: EmiRose_2
I392: 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 347007 Report

This analysis was run 11/14/26 on database version 672.

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 347007 has 3017 members, 302 are drafts.

Phages represented in each track:
• Track 1 : Paraselene_10, Smeagol_12, Ringer_11, StewieG_10, Marsha_11, Sorpresa_11, Sandaddy_10, KyMonks1A_13, AFIS_11, Nhonho_11
• Track 2 : Molly_12, BPBiebs31_12
• Track 3 : Francis47_11, Alvin_12, Gompeii16_11, Aeneas_13, ChristmasHams_11, Eyeball_11, PascalRango_10, Bircsak_11, Magnito_10, HermioneGrange_12, ConceptII_11, PhrostyMug_11, MPlant7149_10, Abrogate_120, 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 : Bigfoot_10, CactusRose_10, Fascinus_10
• Track 15 : Petruchio_11, Froghopper_12
• Track 16 : TheloniousMonk_13
• Track 17 : Pelly_12
• Track 18 : Marchy_10, Ajay_11, Snazzy_9, Bones_11, Payneful_11, Graduation_13, BarrowTuph_10, LunarLander_11
• Track 19 : Lockley_11, DD5_12
• Track 20 : A6_09, BK1_09, Papez_13
• Track 21 : Ichabod_12, Briton15_13
• Track 22 : Fajezeel_13, Greg_13

• Track 23 : Crispicous1_10, Doom_11, Watermelon_13, Ruotula_10, Lesedi_10, MrGordo_11
• Track 24 : EnzoK_12, Dexes_12, Altman_12, Traft412_13, Kanely_12, Wheeler_11, Solon_11, Gachnar_11, Sagefire_12
• Track 25 : Mkhuseli_12
• Track 26 : Perseus_12, Blackflame_11, Jasper_12, Moose_10, Turj99_10, ShortQueendom_11, Forsytheast_10, Dreamboat_12, SwissCheese_11
• Track 27 : McGuire_12, Dynamix_12
• Track 28 : Applejack_11, Sunshine924_10, Rhynn_11, ILeeKay_13
• Track 29 : STLscum_12
• Track 30 : Dulcie_10
• Track 31 : Slagathor_12, HarryOW_12
• Track 32 : QTRlifeCrisis_11
• Track 33 : Kenmech_14
• Track 34 : Smairt_12, PacerPaul_11, Gandalf20_12, KBG_12, Agaliana_11
• Track 35 : Gwendoluna_13
• Track 36 : Nerujay_12, Maroc7_10, Arlo_10, Puppet_11
• Track 37 : Lamina13_11
• Track 38 : Pepe_12, Rajelicia_11, Arcanine_12, Hope4ever_11, Parliament_10, Killigrew_9
• Track 39 : Squee_12
• Track 40 : Topgun_11, Teodoridan_9, SkiPole_13
• Track 41 : Rohr_12, Buttons_12
• Track 42 : GMonster_10, TwoPeat_12
• Track 43 : Magnar_11
• Track 44 : HanShotFirst_11, Homines_11
• Track 45 : BillKnuckles_12
• Track 46 : Gyzlar_13, Bruns_10, Treddle_13
• Track 47 : GrecoEtereo_12
• Track 48 : Rufus_12
• Track 49 : Ashballer_10
• Track 50 : IgnatiusPatJac_10, BluSpix_11
• Track 51 : Tripl3t_12
• Track 52 : Whitspit_12
• Track 53 : Bxb1_10
• Track 54 : Target_13, Kykar_9
• Track 55 : Seabiscuit_13
• Track 56 : JackSparrow_12
• Track 57 : MaryBeth_11, MetalQZJ_11, Corvo_11
• Track 58 : Seanderson_12, JC27_13, Trouble_11
• Track 59 : Barriga_11
• Track 60 : Wilkins_11
• Track 61 : Edtherson_12
• Track 62 : Niza_13
• Track 63 : NEHalo_11
• Track 64 : McSinger_12
• Track 65 : ProMouse_12
• Track 66 : Chanagan_10
• Track 67 : Sanya_11
• Track 68 : DreamCatcher_14
• Track 69 : Raid_11
• Track 70 : Blesser_11
• Track 71 : Pari_12

• Track 72 : Manatee_12
• Track 73 : Atkinbua_12
• Track 74 : Michley_11
• Track 75 : Cueylyss_11, Zeeculate_10
• Track 76 : Mryolo_10
• Track 77 : Blue_11
• Track 78 : Hami1_13
• Track 79 : PherrisBueller_12, Jorgensen_11
• Track 80 : Kugel_12
• Track 81 : Ciao_11
• Track 82 : Tasp14_12
• Track 83 : Inyanga_10
• Track 84 : Paphu_10
• Track 85 : Rutherferd_13
• Track 86 : Espresso_11
• Track 87 : PinkPlastic_10
• Track 88 : Ohno789_10
• Track 89 : Peterson_14
• Track 90 : Norz_13
• Track 91 : Oogway_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 : Twister_11, Topanga_11, Edison31_11, WalterMcMickey_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, Snape_12, Mulciber_12
• Track 106 : Et2Brutus_11, Bachome_12, Petersenfast_12, Ebony_12, Bud_12, Munch_12, MaCh_12, Orange_12, Bowtie_12, Sham4_12, Gilberta_12, Joselito_12, Wolpertinger_11, TinyTimmy_12, Mabel_12, Aneem_12
• Track 107 : Timothy_12, Hutc2_12, Fibonacci_12
• Track 108 : Saskia_12
• Track 109 : Lucivia_12, Jabith_12, Flaverint_12, Insomnia_12, Kimba_12
• Track 110 : Refuge_15
• Track 111 : DarthPhader_13
• Track 112 : Pharaoh_12
• Track 113 : Zimmer_14
• Track 114 : Steamy_13
• Track 115 : Phlei_8
• Track 116 : Jeeves_11
• Track 117 : Luchador_12
• Track 118 : Gail_11
• Track 119 : SororFago_11
• Track 120 : Sunhee_11
• Track 121 : Switzerland_14, LastResort_14, ReMo_14, MinecraftSteve_15, Anaysia_14, 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 : Landor_13, Bactobuster_13, Tristan_13, Jaan_15, IronMan_14, Phaded_15
• Track 136 : AN9_15, VC3_15, ANI8_15, C3_10
• Track 137 : Equemioh13_14, Gratitude_14, WideWale_14, Updawg_14
• Track 138 : AnnaL29_15
• Track 139 : SwirlSquare_13
• Track 140 : Rachaly_15
• Track 141 : Koduck_13, L5_13
• Track 142 : Serenity_11, Bradman_11, Quokka_10, MajorMajor_11
• Track 143 : TarsusIV_12
• Track 144 : Changeling_15
• Track 145 : JoshKayV_14
• Track 146 : Drake55_14, Piro94_13, Flare16_12, HarryHoudini_14
• Track 147 : First_0012, 20ES_12
• Track 148 : Crucio_12, QueenBeesly_12, Georgie2_13, Retro23_12, Dalmatian_12, FiringLine_12, SemperFi_14, DudeLittle_12, SnapTap_12
• Track 149 : Jsquared_11
• Track 150 : AN3_12
• Track 151 : Che12_13
• Track 152 : TipsytheTRex_11
• Track 153 : Whabigail7_14, LilTurb_14, Jerm_14, Bugsy_14, Leviathan_14, Turbido_14, Dignity_14, AbbyPaige_14, Agape74_14
• Track 154 : EZMoney23_16
• Track 155 : Fameo_12, QueenB2_12, Heffalump_14
• Track 156 : NicoleTera_16
• Track 157 : Smeagan_14
• Track 158 : Colin_15
• Track 159 : MissWhite_12, Journey13_10
• Track 160 : RedRock_15
• Track 161 : Sknot_12
• Track 162 : Loser_15
• Track 163 : WeiHuaDA_17, Trixie_15
• Track 164 : Kalpine_15
• Track 165 : HippoHollow_13
• Track 166 : ArcherNM_14
• Track 167 : Benvolio_12, Echild_12
• Track 168 : MiculUcigas_12

• Track 169 : Anselm_12
• Track 170 : Trooper_12
• Track 171 : Herbertwm_10
• Track 172 : NaSiaTalie_12
• Track 173 : VA6_12
• Track 174 : Prudy_15
• Track 175 : KingCyrus_14
• Track 176 : LionsBait_13
• Track 177 : XianYue_12
• Track 178 : Pukovnik_14
• Track 179 : BengiVuitton_13
• Track 180 : Centaur_14
• Track 181 : Lokk_15, BobSwaget_15
• Track 182 : DeerParkTS_13
• Track 183 : Acolyte_12
• Track 184 : Odin_11
• Track 185 : Larenn_13
• Track 186 : EvilGenius_14, ChipMunk_14
• Track 187 : Leogania_14, BiancaTri92_14
• Track 188 : Caraxes_11, Superchunk_11
• Track 189 : CRB1_12
• Track 190 : Power_12
• Track 191 : Adzzy_13, Ph8s_13
• Track 192 : ForesterFrank_14
• Track 193 : SweetiePie_12
• Track 194 : Deloris_13
• Track 195 : Baehexic_13
• Track 196 : Iwokeuplikedis_12
• Track 197 : Pomar16_15
• Track 198 : Terrific_14
• Track 199 : NothingSpecial_14
• Track 200 : LadyBird_12
• 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, Lambert1_12, Todacoro_12, Hookmount_12
• Track 206 : Lowa_13, Malinsilva_15, SoYo_13, StepMih_13, Grub_13, KADY_14, Misomonster_15, Dieselweasel_13, MuchMore_15, Phoebe_13, LBerry_13, Tiffany_13, MarQuardt_13, Jobu08_13, Sabia_13, Hercules11_13, LarryKay_13, P28Green_13, TinyPebbles_13, HashRod_14, Aglet_13, Croquant_14, Colbster_13, Grum1_13, Grif_13, Beauxregard13_13, BuzzBuzz_12, Stagni_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, Watson_13, Lilith_13, Snickers_13, Spike509_13, SoilDragon_13, Mainiac_13, Pembroke_13, 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, Fernando_13, JenCasNa_13, MoneyMay_13, Bigflo_13, Cullens_13
• Track 210 : ACFishhook_13
• Track 211 : Goose1X_11, Goose1D_11, Scout_11, Fred313_11, Shep_11
• Track 212 : Zetzy_12
• Track 213 : BabyJohn_10, Chiqui_10
• Track 214 : Clammy_12, Giroux_12, TNguyen7_11, Puppy_12, Idleandcovert_11, Bugatti_12, Pistachio_12, SaturnRing_11, BlueBird_12
• 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, Citius_11, MeeZee_11, ICleared_11, Commander_11, Sultana_11, Bartimeaus_11, Burger_10, SteMason_11, Flux_11, Medusa_11, Annyong_11, JoongJeon_11, TygerBlood_11, Wilbur_11, Sabertooth_11, Thanksgivukkah_11, LappelDuVide_11, Bruiser_11, Scamp_11, Baby16_11, Romney_11, Cocoaberry_11, Maverick_11, NorthStar_11, SenorClean_11, Mazhar510_11, Funston_11, Deano_11, Florean_11, Dhanush_11, Eros_11, Clarenza_11, Sparxx_11, Skadoosh_11, Koreni_10, Ruin_11, PeterPeter_11, RockieBear_11, Tinybot_10, Maxo_11, Pipcraft_11, Broseidon_11, Druantia_11, Kratark_11, Kampy_11, Bombshell_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, Pumbaa_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, Happiness_11, Palestino_11, Iceman_11, Rocksand_11, Iracema64_11, Albee_11, Houdini22_11, Junimo_10, TiroTheta9_11, Eapen_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, Eurydice_11, Ohfah_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 : Phontbonne_11, LittleGuy_11
• Track 245 : LittleB_11
• Track 246 : Arturo_10
• Track 247 : Camperdownii_10
• Track 248 : AbbysRanger_11
• Track 249 : Nemo27_11
• Track 250 : Kremtemulon_11
• Track 251 : Obama12_11, LHTSCC_11
• Track 252 : LochMonster_11
• Track 253 : OKaNui_11
• Track 254 : Stink_11, AvatarAhPeg_11
• Track 255 : Mundrea_11
• Track 256 : Cindaradix_10
• Track 257 : Perplexer_11, Morpher26_11
• Track 258 : LeoAvram_11
• Track 259 : Morrow_11
• Track 260 : Cintron_11
• Track 261 : Millski_11
• Track 262 : Micasa_9
• Track 263 : Airmid_9
• Track 264 : Midas2_9, Coog_9
• Track 265 : George_8, Cuco_9
• Track 266 : Chadwick_10, Scorpia_10
• Track 267 : Florence4_10, Florence1_9
• Track 268 : Tiger_9, Lev2_9
• Track 269 : Conspiracy_9, ForGetIt_9, Archetta_9, AgentM_9, PickleBack_9, Phlorence_9
• Track 270 : UnionJack_9
• Track 271 : Naca_9
• Track 272 : Dublin_8, Theia_8
• Track 273 : Milcery_9, Prinashe11_9, Swirley_9
• Track 274 : Discoknowium_9
• Track 275 : Twigg_9, HuhtaEnerson15_9, LittleCherry_9
• Track 276 : Jabiru_9
• Track 277 : Bluefalcon_8
• Track 278 : Ghoulboy_9
• Track 279 : SydNat_9, Zolita_8
• Track 280 : ElTiger69_9
• Track 281 : Jovo_9
• Track 282 : Aragog_9
• Track 283 : Benedict_9, PetterN_10
• Track 284 : Bonamassa_9
• Track 285 : MarysWell_8
• Track 286 : Tarynearal_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_15, Hoot_15, BennyP_15, CloudWang3_15,

GreedyLawyer_15
• Track 289 : Hammer_15, Temprado_15, ToneTone_14, Artemis2UCLA_15, Lilbunny_15, Koko_15, Blue7_15, Roksolana_15, Indra_15, Wiks_15, BlessJoy_15, Yokurt_15, WunderPhul_15, Hexamo_15, Zaka_15, Tucker_15, Helmet_15, Zulu_15, Garak_16
• Track 290 : Cookiedough_15, Neeharika16_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, Lilleskat_13, Priya_13, Myxus_13, Holex_13, HortumSL17_13, Alma_13, RyeScarlet_13, Eidsmoe_13, Ugenie5_10, Sachima_13, Hanray_13, EdogawaKiddo_13, Jiawan_13, 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, Phonnegut_13, Qobbit_13, Beemo_13, 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, Phaeder_13, 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 : Salvus_6, LongHai_6
• Track 324 : 8UZL_5, FF47_05
• Track 325 : JacoRen57_2
• Track 326 : Muddy_5
• Track 327 : NoShow_2
• Track 328 : Maco6_3
• Track 329 : Farewell_2, Sparky_2
• Track 330 : Nergal_5
• Track 331 : MalagasyRose_7

• Track 332 : JustASigh_2
• Track 333 : Weirdo19_2
• Track 334 : Misaeng_5
• Track 335 : HunterDalle_2, Vulture_2
• Track 336 : Aledel_2, Riovina_2, OMalley_2, Eunoia_2
• Track 337 : ChewChew_2
• Track 338 : Maria1952_2, Herb_2, Temper16_2, KingBob_2, Sergei_2
• Track 339 : DrRobert_2
• Track 340 : Bodacious_2, CristinaYang_2, Nancia_2, Lasagna_2, LilStuart_2
• Track 341 : Huckleberry_2, HeadNerd_2
• Track 342 : Supakev_2, Pumancara_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 : WonderBoy_2
• Track 349 : MamaPearl_2, EstebanJulior_2
• Track 350 : Kittykat_2
• Track 351 : BrotherBLo_5, Kalizoi_5
• Track 352 : GreenHearts_5
• Track 353 : OurGirlNessie_2
• Track 354 : Jumboset_5
• Track 355 : Riverdale_5, Beethoven_5
• Track 356 : Nubia_5
• Track 357 : MrBoss_5
• Track 358 : Albanese_5
• Track 359 : Immaculata_5
• Track 360 : Savage2526_5
• Track 361 : Huntingdon_5, RcigaStruga_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 : Lakshmi_5
• Track 366 : PartyCup_5
• Track 367 : Litotes_5
• Track 368 : Wayne_5, Suppi_5, Canowicakte_5
• Track 369 : PinkFriday_2
• Track 370 : Urla_2
• Track 371 : Scuttle_5
• Track 372 : MrGloopy_5
• Track 373 : Moki_2
• Track 374 : PitaDog_2
• Track 375 : BigMack_2
• Track 376 : CallieOMalley_5
• Track 377 : AppleCider_5
• Track 378 : Christian_2
• Track 379 : Glenn_5, Wawa_5
• Track 380 : Chridison_2
• Track 381 : Joann_5
• 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 : Benllo_7
• Track 392 : Mooshroom_8
• Track 393 : Correa_8, Cheesy_8, Xenomorph_7
• Track 394 : KeaneyLin_7, GoCrazy_7, Circum_8
• Track 395 : Mudcat_8, Heisenberger_8
• Track 396 : Bowling_8, Dynamite_8, Kardesai_7, NapoleonB_8, Tribby_8
• Track 397 : YoshiYama_7
• Track 398 : Stardom_7
• Track 399 : Hankly_7
• Track 400 : JEGGS_8
• Track 401 : Elsa_8, Arcadia_8, Nason_8
• Track 402 : BenitoAntonio_8
• Track 403 : Abidatro_3
• Track 404 : Chickaboom_2, WileyE_2
• Track 405 : Niblet_3, Chicken_3, Zixiang_3
• Track 406 : Pelletreau_4, Westrich_4, Gravel_4
• Track 407 : Orcanus_3
• Track 408 : Basilisk_3
• Track 409 : KendraB23_4
• Track 410 : Ruchi_3
• Track 411 : Brynnie_3
• Track 412 : Vulpecula_3
• Track 413 : Eesa_3
• Track 414 : TaylorSipht_3
• Track 415 : Toad24_4
• Track 416 : Shen_4, Amanises_4
• Track 417 : Jamun_3
• Track 418 : Galaxy_3
• Track 419 : Amelia_4, Damocles_4, Bedetta_4, Pineda_4, Cote_4, Jerole_4, BadWillHunting_4
• Track 420 : Cygnet_3
• Track 421 : OtsoOtso_3
• Track 422 : Melons_4, Lunar_4
• Track 423 : Colusalem_3
• Track 424 : GramZayde_3
• Track 425 : LittleTokyo_3
• Track 426 : Kepler_3
• Track 427 : Daob_4
• Track 428 : HannahPhantana_4, Bibble12_4
• Track 429 : Antrice_3
• Track 430 : Coral_3
• Track 431 : PhirstandPhine_4
• Track 432 : Kuleana_3
• Track 433 : Zhuangyuan_4
• Track 434 : Polka_3
• Track 435 : Amphitrite_2
• Track 436 : Babushka_2

• Track 437 : Oppalora_2, AdoptaAdorbs_2, PhluffyCoco_2, AmiCi24_2, DanHam62_2, RedFox_2, Camara_2, Glotell_2
• Track 438 : Laphuphu24k_2
• Track 439 : Azaz_2, Leona_2, Rattail_2
• Track 440 : KHumphrey_2
• Track 441 : HamCheese_2
• Track 442 : AlexMinion_2, StuartMinion_2
• Track 443 : Andrew_3
• Track 444 : Fingolfin_2
• Track 445 : Atlantica_2
• Track 446 : Juno112_2
• Track 447 : Renna12_3
• Track 448 : CastorTray_8
• Track 449 : LucySwiss_7, Issa_7
• Track 450 : Brunswick_7
• Track 451 : ScienceWizSam_8
• Track 452 : DevitoJr_7, Darby_7, Nivinsha_7, Breylor17_7, Nightmare_7, AreFloNak_7
• Track 453 : Dinallo_8, CapnMurica_7, MiniBagel_7, Tenno_8
• Track 454 : Niktson_6, ElephantMan_6
• Track 455 : Gordon_7
• Track 456 : Westerlin_7
• Track 457 : Hemma_8
• Track 458 : Teacup_7
• Track 459 : Synepsis_6, Tatanka_6
• Track 460 : Acai_7
• Track 461 : Trustiboi_7
• Track 462 : Tokki_7, Shepard_7, Giantsbane_7
• Track 463 : Bouchard_7, Chlochlo_7, Tipton_7
• Track 464 : Phaby_7
• Track 465 : LilHuddy_7
• Track 466 : Loretta_7, Ingrid_7
• Track 467 : Anandi_8
• Track 468 : Caterpillar_8, MediumFry_8
• Track 469 : Makai_7
• Track 470 : Truckee_7
• Track 471 : Uzumaki_8, PoeMe_8, Tenney120_8, GantcherGoblin_7
• Track 472 : Kinny_8, Lewando_8, Biscute_7, Renaldo_9, BarbieDoll_8, Barbonzobean_7, Muglass_7
• Track 473 : Mardi_9, Argan_7, KevinMinion_7, Stardrop_8, Navi1117_8
• Track 474 : Leathea_8
• Track 475 : BlackHoleSun_9
• Track 476 : TrixiePhattel_8
• Track 477 : Phaila_8, Zeina_8
• Track 478 : Altjira_7
• Track 479 : Remlit_9
• Track 480 : Inked_8
• Track 481 : Zippen_8
• Track 482 : Egad_8, ProfFrink_8, Djungelskog_8, StarLord_8, Spain_7, Shiba_8, Raunak_8, MrAaronian_8
• Track 483 : Boog_8, HerbBucket_7
• Track 484 : Linda_8, Salk_8, Jeremy4pt0_8
• Track 485 : Sloopyjoe_8, Stayer_8, BronxBay_8, Michelle_8

• Track 486 : RustyBoy_7, Natasha_7
• Track 487 : Onestar_7
• Track 488 : DoctorPepper_8
• Track 489 : Powelldog_7
• Track 490 : Sporto_7
• Track 491 : Sprinkle_7
• Track 492 : Mapleville_2
• Track 493 : Nyilah_2
• Track 494 : Hestia_2
• Track 495 : Phrank15_2
• Track 496 : Persistence_2, CosmicBrownie_2
• Track 497 : Anekin_2
• Track 498 : MUWow_2
• Track 499 : Michkear_5
• Track 500 : ThursdayNight_2
• Track 501 : Lizalica_2
• Track 502 : Eraser_2, Niobe_2, Asa16_2, London_2, Jstan_2
• Track 503 : Pixelle_2
• Track 504 : ObiToo_2
• Track 505 : Berrie_2
• Track 506 : Nitro_2
• Track 507 : KeAlii_2
• Track 508 : Tallboi_2
• Track 509 : Reedo_2
• Track 510 : Kaylissa_2, Tutumahutu_2, Powerpuff_2, Cyan_2, YesChef_2
• Track 511 : Elezi_2, Subaru_2, Skelbel_2
• Track 512 : Sue2_2
• Track 513 : Joemato_2, Flutur_2, Simpson_2
• Track 514 : DrSierra_2
• Track 515 : Pumpkins_2
• Track 516 : JuneStar_2, Yang_2
• Track 517 : MissSwiss_2, PandaPo_2
• Track 518 : AGrandiflora_2
• Track 519 : DrManhattan_2, Adolin_2
• Track 520 : IttyBittyPiggy_2
• Track 521 : Iter_2, Ascela_2
• Track 522 : Janeemi_3
• Track 523 : Tian_2, Amyev_2
• Track 524 : Turab_2, Amploria_2
• Track 525 : JohnDoe_2, Tbone_2, Mudpuppy_2, Warda_2
• Track 526 : Tuck_3, Phives_3, Community_3
• Track 527 : Adumb2043_2
• Track 528 : VResidence_2
• Track 529 : Cassia_2
• Track 530 : Wildwest_3
• Track 531 : Crewmate_3
• Track 532 : TforTroy_2
• Track 533 : AEgle_2
• Track 534 : Lego_2
• Track 535 : Schaffner_2
• Track 536 : MaGuCo_2
• Track 537 : IUFootball_2, Maureen_2, Liebe_2
• Track 538 : Tweety19_3, Snek_3

• Track 539 : JohnThicc_2, LadyAstra_2, FiveHead_2
• Track 540 : Emotion_2
• Track 541 : JasmineDragon_2, ShakeItOph_2
• Track 542 : MiniMommy_2
• Track 543 : Origami_2
• Track 544 : AceofSpades_2, VroomVroom_2
• Track 545 : Halsey_2, Moss_2, SpecialK_2, RockScotty_2
• Track 546 : Sabourin_2, Kalimba_2, Cappuccino_2, Gambol_2, Donkey_2, Sooty_2
• Track 547 : Mysterium_2, Beaupre_2, Gumpizza_2, Stuu_2
• Track 548 : Ashes_2
• Track 549 : Giorgio_2
• Track 550 : Soondubu_2
• Track 551 : Exile_2
• Track 552 : AinMach_2
• Track 553 : SPB78_2
• Track 554 : VWB_2
• Track 555 : Samora_2
• Track 556 : Vash_2
• Track 557 : phiBT1_33
• Track 558 : Euratis_2
• Track 559 : TG1_2
• Track 560 : Lilbooboo_2
• Track 561 : Shawty_2
• Track 562 : Sebastisaurus_2
• Track 563 : Heather_2
• Track 564 : RemusLoopin_2
• Track 565 : Nabi_6, Rana_6
• Track 566 : Eddasa_7, Izzy_7, BryanRecycles_7, Oliynyk_7
• Track 567 : Lorelei_6
• Track 568 : Asten_6, Dwayne_6, Chucky_6, SarahRose_6, Werner_6, OzzyJ_7, Snorlax_6, BarryBee_8, Whatever_6, Hippo_6
• Track 569 : Bovely_6, Phettuccine_6, Aaronocolus_6, Legacy_6, Hydra_8, Nerdos_6, Indigo_6, Caliburn_6
• Track 570 : Unstoppable_6, Ozzie_6, BeardedLady_7, Esperer_6, SunsetPointe_6, Leviticus_6
• Track 571 : Jash_7, Rusticus_7, EnochSoames_7
• Track 572 : Katalie_7, RedBear_8, South40_7
• Track 573 : Emaanora_8
• Track 574 : TagePhighter_7
• Track 575 : Lika_6, Godpower_7, Sujidade_7
• Track 576 : Ejemplo_6, Maneekul_6, TuanPN_6, Yasdnil_6
• Track 577 : Dattran_7, Goby_6
• Track 578 : Lannister_7
• Track 579 : Zemlya_7, Brataylor_7, Celeste_6, Danzina_7
• Track 580 : Nanodon_8
• Track 581 : Toma_6
• Track 582 : Triste_6
• Track 583 : Axiom_7
• Track 584 : TinaBelcher_6
• Track 585 : Amethyst_6
• Track 586 : Haizum_6
• Track 587 : Andris_6
• Track 588 : Puginator_8

• Track 589 : ELB20_05, R4_6
• Track 590 : Janus_7, GirlDinner_6, Animus_7
• Track 591 : Marav_9
• Track 592 : Zainub_8
• Track 593 : Pablito_6
• Track 594 : Jevington_8
• Track 595 : Daudau_6
• Track 596 : BartholomewSD_8, Alvy_8
• Track 597 : TrvxScott_5
• Track 598 : SqueakyClean_7
• Track 599 : Nishikigoi_6
• Track 600 : Caelum_7
• Track 601 : Superstar_8
• Track 602 : Tefunt_6
• Track 603 : Hank144_7
• Track 604 : Paolo_8
• Track 605 : Thestral_7
• Track 606 : Loofah_7, Paedore_6
• Track 607 : Bowden_7
• Track 608 : Diane_6
• Track 609 : Omar_7
• Track 610 : Issmi_7
• Track 611 : Amela_6, Verse_6
• Track 612 : Pavo_7, ElGato_7, Kaine_6, Conan_7, Sudan_6
• Track 613 : Jhitchelle_5
• Track 614 : Alsaber_7
• Track 615 : Verabelle_7
• Track 616 : Provolone_7
• Track 617 : SunkenRoot_6
• Track 618 : Dexers_5
• Track 619 : Saftant_6
• Track 620 : Yosif_7
• Track 621 : Vanseggelen_9
• Track 622 : ZamZam_6
• Track 623 : Speedwell_7
• Track 624 : Celery_8
• Track 625 : phiCAM_06
• Track 626 : VieEnRose_6, Celia_6, Itza_6
• Track 627 : Urza_6
• Track 628 : Indigenous_8, IceWarrior_8, Namo_8, TaidaOne_8, Spectropatronm_8, Jaylociraptor_8, TonyStarch_8, Rima_8, Hoshi_8, Maya_8
• Track 629 : Meibysrarus_8, Esketit_8
• Track 630 : GirlPower_7
• Track 631 : CherryBlossom_8
• Track 632 : Madamato_8
• Track 633 : Espio_7, Popy_7, HazuAndZazu_7, FrodoSwaggins_7, Soshi_7, DrGrey_7
• Track 634 : OlympicHelado_8
• Track 635 : FidgetOrca_8
• Track 636 : TieDye_7
• Track 637 : PherryCruz_6, RavenPuff_6
• Track 638 : Annihilus_7
• Track 639 : Bilo_7

• Track 640 : Natsu_8
• Track 641 : Monse_7
• Track 642 : Sangak_7, Doxi13_7, GoblinVoyage_7
• Track 643 : Ditters_7
• Track 644 : Moozy_7
• Track 645 : Scap1_7
• Track 646 : SheRa_7, HotFries_6
• Track 647 : RosaAsantewaa_7
• Track 648 : LibertyBell_7
• Track 649 : Regigigas_7, Rainydai_7
• Track 650 : Miek_7, FromIndy_7, SendItCS_7, CricKo_7, Thiqqums_7
• Track 651 : Bing_7
• Track 652 : Hajile_8, Wigberry_7
• Track 653 : Kardashian_7
• Track 654 : ClubPenguin_6
• Track 655 : phiSASD1_22
• Track 656 : Dubu_2
• Track 657 : AbbeyMikolon_2
• Track 658 : Nesbitt_2
• Track 659 : Rowa_2
• Track 660 : Success_50
• Track 661 : Spooks_49
• Track 662 : B3_3, Anatole_3, E1_3
• Track 663 : PFR2_02, PFR1_02
• Track 664 : Lillie_8, Swann_8, CosmicSans_8, Bradshaw_8, Phrankenstein_8, TWAMP_8, Rhodalysa_8
• Track 665 : Belenaria_8, Naiad_8, Natosaleda_8, StCroix_8, Espica_8, Krishelle_8, Nancinator_8, UhSalsa_8, Alatin_8
• Track 666 : Partridge_8, Dinger_8
• Track 667 : PhailMary_7
• Track 668 : Bryce_8, Yoncess_8, Bonanza_8, Yogi_8, Hiro_8
• Track 669 : Harlequin_8, Jester_8
• Track 670 : Erik_8, Shuman_8, Rasputin_8, Gollum_8, RexFury_8
• Track 671 : AppleCloud_6
• Track 672 : AngryOrchard_7, Takoda_8
• Track 673 : RER2_1
• Track 674 : BobbyDazzler_8
• Track 675 : Alpacados_7
• Track 676 : PerroGrande22_14, Poco6_016
• Track 677 : Pepy6_014
• Track 678 : Mahdia_2
• Track 679 : Morrissey_2
• Track 680 : Applejacks_2
• Track 681 : Gustav_2
• Track 682 : Trine_2
• Track 683 : Puppers_2, Widow_2
• Track 684 : Upyo_2
• Track 685 : Jflix2_8
• Track 686 : RegnumDei_6
• Track 687 : SFuller_9
• Track 688 : CurlyFries_6
• Track 689 : Madraxi_10
• Track 690 : Shagrat_8

• Track 691 : REQ1_66
• Track 692 : Abscondus_29, Culver_30, Dusty_29
• Track 693 : Toniann_30, ClubL_30, Cucurbita_32, Engineer_31, PhinkBoden_30, Aphelion_30, Lozinak_30, Smoothie_31
• Track 694 : Geeche_29, Bachita_32, Norvs_31
• Track 695 : Miskis_28
• Track 696 : WilliamBoone_30
• Track 697 : OneUp_24
• Track 698 : BrutonGaster_18
• Track 699 : Flapper_28
• Track 700 : Turuncu_28
• Track 701 : GTE5_terL
• Track 702 : GRU1_terL
• Track 703 : Dalilpop_29
• Track 704 : SuperSulley_25, Bonum_27, Buggaboo_25
• Track 705 : MerCougar_25
• Track 706 : GrootJr_26, Phomeo_23, Kurt_24, Emianna_24, Foxboro_25, Wheezy_24, Tracker_24, Jifall16_23, Arti_24, NatB6_24, NovumRegina_24
• Track 707 : Kabluna_27, NosilaM_27
• Track 708 : Commandaria_26
• Track 709 : KidneyBean_24
• Track 710 : StarStruck_25, Outis_25
• Track 711 : GTE8_13
• Track 712 : Lollipop1437_29, Skysand_26, Patio_27, Ennea_30, Float294_26
• Track 713 : RedRaider_31
• Track 714 : IDyn_25, Pemberton_27
• Track 715 : BiPauneto_27, Sukkupi_26, Yndexa_26
• Track 716 : Marietta_26, NadineRae_24
• Track 717 : WhoseManz_26
• Track 718 : HubbaBubba_22
• Track 719 : Pleakley_33, Fury_33
• Track 720 : HomeFry_30
• Track 721 : Scuba_33
• Track 722 : Braxoaddie_28, Polyyuki_28
• Track 723 : Gagieri_28
• Track 724 : Apiary_28, Maselop_28, CoffeeBean_28
• Track 725 : MacGully_32
• Track 726 : Sopespian_4, Eliott_4, PsychoKiller_4
• Track 727 : RSchmailzl_5
• Track 728 : Azira_6
• Track 729 : Agatha_4
• Track 730 : Carsonalex_5
• Track 731 : Horseradish_5, MScarn_6, Yummy_5, Blondies_5
• Track 732 : RanchParmCat_7
• Track 733 : Quasar_4, Bubble_4, Nina_4
• Track 734 : Hexbug_5
• Track 735 : PotPie_4
• Track 736 : Survivors_6, Nibbles_6, MaVan_6, Wallaby_7
• Track 737 : Biskit_5, Buttrmlkdreams_4, Troje_4, SketchMex_3
• Track 738 : Elinal_5
• Track 739 : Bavilard_4, KayGee_4
• Track 740 : GiKK_7
• Track 741 : CocoaPuff_3, Balloona_3

• Track 742 : Lauer_3, Tarnish_4
• Track 743 : Amok_3
• Track 744 : Cozz_4, Starburst_5, ChickenTender_6, Axym_4, Burnsey_4
• Track 745 : MunkgeeRoachy_4
• Track 746 : Malvina_6
• Track 747 : SummitAcademy_3
• Track 748 : ElJefes_3
• Track 749 : Orla_5
• Track 750 : GoldHunter_4, RedBaron_6, Socotra_5
• Track 751 : MAnor_4
• Track 752 : Nodigi_5
• Track 753 : Yakult_5
• Track 754 : Feastonyeet_3, BigChungus_3
• Track 755 : CherryonLim_5
• Track 756 : GTE2_02
• Track 757 : AndPeggy_3, Yarn_3
• Track 758 : Vine_5
• Track 759 : Yucky_4
• Track 760 : Tolls_6
• Track 761 : CaramelLatte_4, CanesSauce_4, ChocoMunchkin_4
• Track 762 : Wolfwood_6
• Track 763 : BillDoor_6
• Track 764 : SteamedHams_6
• Track 765 : Emalyn_3
• Track 766 : McDazzle_3
• Track 767 : SheckWes_3
• Track 768 : AikoCarson_3
• Track 769 : Mayweather_5
• Track 770 : Zareef_6
• Track 771 : Fribs8_5
• Track 772 : RADical_5
• Track 773 : Button_5
• Track 774 : Margaret_7
• Track 775 : Jamzy_7
• Track 776 : Pons_4
• Track 777 : SweatNTears_6
• Track 778 : Typhonomachy_4
• Track 779 : Banquo_11, TinaLin_10
• Track 780 : Huffy_9, DinoDaryn_9
• Track 781 : Goib_8, Splinter_7, Vendetta_7
• Track 782 : TZGordon_9
• Track 783 : Gsput1_5
• Track 784 : Dardanus_9
• Track 785 : Schmidt_5
• Track 786 : Catfish_6
• Track 787 : Soilmate_2, Blino_2
• Track 788 : Malachai_2, Begonia_2
• Track 789 : CheeseSpider_2
• Track 790 : Frokostdame_2
• Track 791 : Jalammah_2, Samba_2, Lysidious_2
• Track 792 : Blueberry_2, MissRona_2, Azula_2, Gambino_2
• Track 793 : CaptainKirk2_2, MintFen_2, Barco_2, Zarbodnamra_2, Archis_2, Melba_2, Delian_2

• Track 794 : Walrus_2
• Track 795 : PhrostedPhlake_2
• Track 796 : Zilla_2
• Track 797 : Hitter_2, BlingBling_2
• Track 798 : Wocket_2
• Track 799 : Obliviate_2
• Track 800 : CarolAnn_2
• Track 801 : Wisp_2
• Track 802 : Pipp_2
• Track 803 : KappaFarmDelta_2
• Track 804 : UmaThurman_2
• Track 805 : ZiggyZoo_2
• Track 806 : PrincePatrick_2
• Track 807 : Murp_2
• Track 808 : William_2
• Track 809 : JuJu_2
• Track 810 : Toast_2, PCoral7_2
• Track 811 : Utz_2
• Track 812 : Mellie_2
• Track 813 : Petra_2
• Track 814 : Guacamole_2, JasperJr_2
• Track 815 : Fenry_2
• Track 816 : Fairfaxidum_2
• Track 817 : McGonagall_2, Jeanie_2
• Track 818 : Rahul_2
• Track 819 : Coeur_2
• Track 820 : GRU3_2
• Track 821 : GMA5_2
• Track 822 : Schiebs_2
• Track 823 : Bradissa_2
• Track 824 : Angelique_2
• Track 825 : Confidence_2
• Track 826 : BritBrat_2, EnalisNailo_2, Marteena_2, EMsquaredA_2, Lilas_2, Floral_2, Pollux_2
• Track 827 : Jablanski_2, Pytheas_2
• Track 828 : Wrigley_2
• Track 829 : Posh_2
• Track 830 : BeeGee_2
• Track 831 : Cashline_2
• Track 832 : LonelyBoi_2
• Track 833 : Bunnybear_2
• Track 834 : Ohgeesy_2
• Track 835 : Pepperoni_2
• Track 836 : Maridalia_2, Tayonia_2, Manasvini_2, Zameen_2, Neobush_2, Kita_2, Suscepit_2, Trumpet_2, Antonio_2, Polly_2, Dillpickles_2, Eudoria_2
• Track 837 : Herod_2, Hugley_2
• Track 838 : Nymphadora_2, BoyNamedSue_2, Zirinka_2, TimTam_2, Bosnia_2, BatStarr_2, SushiChef_2, Eviarto_2, AlumE_2
• Track 839 : Madavieve_2
• Track 840 : WelcomeAyanna_2, ThankyouJordi_2
• Track 841 : Agueybana_2
• Track 842 : Madeline_2
• Track 843 : Bialota_2

• Track 844 : Hyzer_2
• Track 845 : EdnaMode_2, Lamberg_2, Nettuno_2, Pickett_2
• Track 846 : Cynthia_2, Clap_2, Sproutie_2, Haley23_2, Ebert_2, Mocha12_2, GemG_2, TuertoX_2, Whiteclaw_2, Gizermo_2, Yinzer_2, Savage_2
• Track 847 : JCole_2
• Track 848 : Attis_2, Yeet412_2, Bjanes7_2, LordFarquaad_2, SoilAssassin_2
• Track 849 : Matteo_2
• Track 850 : Sahara_2
• Track 851 : Jalleen_2
• Track 852 : Vasanti_2
• Track 853 : FroggyToad_2
• Track 854 : PantheRoc_2
• Track 855 : Yeezy_2
• Track 856 : BaxterFox_2
• Track 857 : Twinkle_2, Hortense_2, Adora_2, Howe_2, Shlim410_2
• Track 858 : WinkNick_3, Dolores_3
• Track 859 : Samman98_3
• Track 860 : Powerball_2
• Track 861 : Annalisa_3
• Track 862 : PhriskyACE_2
• Track 863 : Beenie_3, MichaelScott_3, Easley_3, Clark_3
• Track 864 : DobbysSock_2
• Track 865 : Oregano_2
• Track 866 : Tuti_3
• Track 867 : Thimann_3
• Track 868 : Sekhmet_3
• Track 869 : Suerte_2
• Track 870 : Mcklovin_3
• Track 871 : Invectra_3
• Track 872 : Dorito_2
• Track 873 : Rizz_4
• Track 874 : Denise_2
• Track 875 : Sidious_2
• Track 876 : RavenCo17_2
• Track 877 : Ghobes_1
• Track 878 : Sapo_1
• Track 879 : Frizzle_1
• Track 880 : Archimedes_1
• Track 881 : Doggs_2
• Track 882 : DirtyBoi_2
• Track 883 : ZAYM_2, TaronosaurasRx_2
• Track 884 : MagicMan_2, Schnabeltier_2
• Track 885 : Kiko_2
• Track 886 : Coriander_2
• Track 887 : NaLuna_2, GEazy_2, HannahD_2
• Track 888 : Hedwig_2
• Track 889 : BackstagePass_2
• Track 890 : Opie_2
• Track 891 : Moonflower_2, Chipko_2
• Track 892 : Bunker_2
• Track 893 : PatriciaStar_2
• Track 894 : Bowser_2
• Track 895 : BBQValindra_2

• Track 896 : Jecs_2
• Track 897 : Dmitri_2
• Track 898 : Eyes_2
• Track 899 : RayTheFireFly_2
• Track 900 : Cardigan_29
• Track 901 : Yvonnetastic_28
• Track 902 : Bock_6
• Track 903 : GrandSlam_6, Chop_6, Hamood_6
• Track 904 : Francois_6
• Track 905 : NancyRae_6, Ayotoya_6
• Track 906 : Brylie_6, Mulch_6, Nadeem_6, SussRoloMann_6, Parada_6, WheatThin_6
• Track 907 : Pimento_6
• Track 908 : BetterKatz_6
• Track 909 : DelRio_6
• Track 910 : OlgasClover_17, Tonaltzin_17
• Track 911 : MajinBuu_17
• Track 912 : ArtetaBall_17, Phepper_17, Untouchable_16, Crocheter_16
• Track 913 : Pherobrine_14
• Track 914 : Dialga_17
• Track 915 : Rickmore_16
• Track 916 : ChickyNuggy_14
• Track 917 : SweetCrkHerbs_15, Talon44_14
• Track 918 : Odesza_13, Gravy_13, Capybara_13, Roney_13, Magel_13, Kerry_13, NoPickles_13
• Track 919 : Conley_13
• Track 920 : Bugg_15, Captrips_13, JulesRay_13, Avazak_13, Dancer_13, Artorias_13, FortCran_13, Football_14, Trufflozitus_13
• Track 921 : Glintora_16, AlainaMarie_17, Nithya_17, Luthien_17, EndAve_17, Citrus_16, Chikenjars_17
• Track 922 : Mysticmoon_14
• Track 923 : BluerMoon_17, Jodelie19_17, TenaciousP_17
• Track 924 : Secretariat_13
• Track 925 : Runhaar_17, Nadmeg_17, Madvan_17, Burley_17, Vardy_17
• Track 926 : CWormy_17
• Track 927 : Arataki_14, Demure_14
• Track 928 : Fazel_14
• Track 929 : Zeph_16, Hydrus_16
• Track 930 : Figliar_17, Aflac_17
• Track 931 : Hortihabitatio_16
• Track 932 : Eddiemania_16
• Track 933 : PestoPenguin_17, Aloe25_17, Gusicorn_17, BetterYeti_17
• Track 934 : Duffington_17
• Track 935 : Tanis_13, Gill_13
• Track 936 : OhMyWard_17
• Track 937 : Kenosha_14
• Track 938 : Blanky_13
• Track 939 : Schwartz33_17
• Track 940 : Perkunas_15
• Track 941 : ShaggyRogers_17
• Track 942 : Mossy_14
• Track 943 : Tairn4Wing_15
• Track 944 : Petito_14

• Track 945 : Towmatter_11, Daredevil_12
• Track 946 : DatBoi_13
• Track 947 : SpeedDemon_130
• Track 948 : Mollymur_13
• Track 949 : Bantam_12
• Track 950 : SallySpecial_2
• Track 951 : EpicDab_2
• Track 952 : Emperor_2
• Track 953 : Dirtfootball_2
• Track 954 : MortyNRick_2, BearBQ_2
• Track 955 : Birdsong_2
• Track 956 : Apricot_2
• Track 957 : Crater_2
• Track 958 : Kuwabara_2
• Track 959 : Kudefre_12
• Track 960 : Sephiroth_13, Syleon_13
• Track 961 : Octobien14_13
• Track 962 : Trax_12, LilJank_12
• Track 963 : Neville_12
• Track 964 : Rabbitrun_14
• Track 965 : Zodiariah_2
• Track 966 : ArchiDore_2
• Track 967 : Ruthy_2
• Track 968 : Malibo_2
• Track 969 : MakCheese_2
• Track 970 : Sprinklemunch_2
• Track 971 : DumpsterDude_2
• Track 972 : DearBasketball_2
• Track 973 : Tarzan_2
• Track 974 : Reyja_3, DinoNuggs_3
• Track 975 : Jojo24_2
• Track 976 : DonkeyMan_2
• Track 977 : Hibiscus_2
• Track 978 : Heinz_2
• Track 979 : Santhid_2
• Track 980 : Barbarian_8, Filch_9, Stark_9, Maxxinista_9, Dumbo_8, Holt_10, HanKaySha_9, Ukulele_8, Pumpkin_9, NoSleep_9, Lilizi_10, PaddyBaddy_9, MadamMonkfish_8, Hopey_9, Moldemort_9, Thimble_9, Asriel_8, Bench_10, DoctorDiddles_9, Czyszczon1_9, RiverMonster_8, 244_9, Elph10_9, Murphy_8, Simpliphy_9
• Track 981 : SirDuracell_8, BigBubba_8, ChotaBhai_8, Bask21_8
• Track 982 : Stank_10, Goldilocks_10, NonchalantPear_8, Kimchi_10, Wiggin_10, Gemini_10, Adnama_10, Hoonter_10, Highbury_9, Ptowny_8, Xandras_10, TBrady12_10, AmericanBeauty_10, Saints25_9, Argent26_10
• Track 983 : Teaspoon_8, Emmina_8, Porky_7
• Track 984 : Gage_10, GoldenSpark_10, GooberAzure_10, OrionPax_9, Cactus_10, StolenFromERC_10
• Track 985 : ChosenOne_7, Elite2014_7, Lilpickle_7
• Track 986 : Amao_9
• Track 987 : Pat3_8, Inca_8
• Track 988 : Budgie_10
• Track 989 : Lilac_10
• Track 990 : Phrux_8

• Track 991 : Bogg_9
• Track 992 : BAjuniper_3
• Track 993 : SansAfet_3, BubbaBear_3, PhigPhack_3, CroZenni_3, Albedo_3, SirBeanington_3, Lynlen_3, Kenzers_3
• Track 994 : Coltrane_2, Rollins_2, Skylord_2, Brahms_2, Bernstein_2
• Track 995 : BabyDaisy_4, Grist_3, IndyLu_3, Kate33_3
• Track 996 : Bachaco_3, FlameThrower_3
• Track 997 : Jabb_3, TukTuk_3, MsUbiquitous_3, CupcakePrincess_3, SarBear_3, Swervy_3
• Track 998 : Burritobowl_3, Doobus_3, LimaBean_3, Albright_3, Avocadoman_3, Bengal_3, Abigail_3
• Track 999 : Eula_3, Pecas_3, Jovita_3
• Track 1000 : Didgeridoo_4
• Track 1001 : Softsoap_3
• Track 1002 : Shayna_2
• Track 1003 : AylexOG_4
• Track 1004 : Armstrong_2, Clayda5_2, Vitas_2
• Track 1005 : Katzastrophic_3
• Track 1006 : Quenya_4
• Track 1007 : Finalfrontier_4
• Track 1008 : Buldak_3
• Track 1009 : Lilo27_3
• Track 1010 : DirtyBubble_3, Stromboli_3, Stoor_3
• Track 1011 : Cashington_3
• Track 1012 : Johnathan_3
• Track 1013 : AvGardian_3
• Track 1014 : CliffHanger_4
• Track 1015 : Eden_2
• Track 1016 : PastaFagioli_3, Lahqtemish_3
• Track 1017 : BabyYoda_3
• Track 1018 : SanaSana_4
• Track 1019 : Slay_3
• Track 1020 : ChiliPepper_3
• Track 1021 : Celaena_3
• Track 1022 : Phisb_3
• Track 1023 : Loviatar_3
• Track 1024 : Olliecat_3, Squircle_3
• Track 1025 : Rona_3, Sharkboy_3
• Track 1026 : BelmontSKP_4, AnnaLie_4
• Track 1027 : Nicky22_4
• Track 1028 : Franklin22_2
• Track 1029 : CanFranMach_3
• Track 1030 : Milomuff_4, Solea_4
• Track 1031 : Icarian_4
• Track 1032 : Dismas_3
• Track 1033 : Kamdara_3
• Track 1034 : SunnyD_2, Teagster_2
• Track 1035 : Elva_4
• Track 1036 : WalkingDead_3
• Track 1037 : QMacho_4, Arroyo_4
• Track 1038 : DickRichards_3
• Track 1039 : Akino08_3
• Track 1040 : Kieran_3

• Track 1041 : PondAmelia_4
• Track 1042 : Gack_2
• Track 1043 : 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, Danno_3, Rhysand_3, Alucard_3, Jahseh_3, GoldenBlanche_3, Otwor_3, Myram_3, NeumannU_3, PaoPu_3, Jella_3, Godfather_3, Aries55_3, Majesty_3, LaviMo_3, Ciel_3, Goobery_3, Eightball_3, Aztec_3, Gillker_3, Charbie_3, Picconator_3, Cheesecake_3, Owens_3, Dooby_3, Jannah_3, Josuke_3, Sage7_3, HeadMave_3, Luxx_3, Erin_3, DirtPie_3, LionelHutz_3, BurtonThePup_3, SeaWolves_3, Dongwon_3, TeddyBoy_3, Rhogar_3, YertPhresh_3, Scrunchy_3, Tyrellus_3, Grayscar_3, Avvas_3, LemonPepper_3, ManAs_3, RoscoWindex_3, MasterPitts_3, Zahlia_3, Yubaba_3, EdElric_3, Witch_3, BarBear_3
• Track 1044 : Belthelas_3, Concrete_3
• Track 1045 : Noelani_3, Nobel_3, JooneeDee_3, Slizam_3, Ekko14_3, Bintii_3, TomBrady12_3, Niffler_3, Stem_3, TinyTruffula_3, Trackstar_3, Elspeth_3, Lunatic_3, PuffyCat_3, HarperAnne_3, Miaurora_3, Bullzi2019_3, Clownery_3, Rira_3, Trireme_3, IzzyPants24_3
• Track 1046 : Wolfpack_3, MelBee03_3, Livingwater_3, Kevanna_3, Sippinontea_3, KayPaulus_3, Douggie_3, Quaker_3, Bodhi17_3
• Track 1047 : Abelaine_3, McShie_3, Leafy_3, BrokMonster_3, BoomRoasted_3, MrGreen_3, JRok_3
• Track 1048 : Naby_3, BonaeVitae_3
• Track 1049 : MirimarMandM_3, PoRanda_3, Upsilon_3
• Track 1050 : Biscayne_3
• Track 1051 : ELee24_3
• Track 1052 : OdetoJoy_3, Madebyisha_3, Jerky_3, VitulaEligans_3
• Track 1053 : MauiIvory_3, TlaliMex_3
• Track 1054 : Lola20_3, Yasuo_3, Cayde6_3, Baine_3
• Track 1055 : Azizam_3, Oaklynn_3
• Track 1056 : Loca_3
• Track 1057 : Hulk_3
• Track 1058 : Publix_3, Namsahir_3
• Track 1059 : KillerTomato_3
• Track 1060 : Anseraureola_3
• Track 1061 : Efeko_4
• Track 1062 : Bri160_3
• Track 1063 : Kaijohn_3
• Track 1064 : Picnic_3, Puddles3_3, Duggle_3
• Track 1065 : Yami_3, Cazares_3
• Track 1066 : Hernandez44_3, Gabbspett_3
• Track 1067 : Bradley2_3
• Track 1068 : Snuffles_4
• Track 1069 : Toxicola_3
• Track 1070 : UtzChips_2, Barnstormer_2
• Track 1071 : IAmGroot_2, GardenState_2
• Track 1072 : SuMoo_2
• Track 1073 : Honk_2
• Track 1074 : Forester_2, Gretchen_2, SuperHands_2, Percival_2
• Track 1075 : Mabodamaca_2
• Track 1076 : Caron_2
• Track 1077 : Cen1621_2

• Track 1078 : Floof_2
• Track 1079 : Zeta1847_2
• Track 1080 : Damascus_10
• Track 1081 : DizzyRudy_10
• Track 1082 : Count_11
• Track 1083 : Camille_10
• Track 1084 : Mema_10
• Track 1085 : Kimchi1738_12
• Track 1086 : Stickynote_14
• Track 1087 : PeteyPab_12, Zion_12, PotatoChip_12
• Track 1088 : Cruella_12
• Track 1089 : C3PO_12
• Track 1090 : Darwin_15
• Track 1091 : TouchMeNot_3, Colleen_3, Poushou_3, Arianna_3
• Track 1092 : Lederberg_2, Troy_2, SamW_2
• Track 1093 : Stiles_2
• Track 1094 : StAB_2
• Track 1095 : Adelaide_2
• Track 1096 : Dina_2
• Track 1097 : Bran_2
• Track 1098 : Flashwig_2
• Track 1099 : CarefulCloud_2
• Track 1100 : TailX7_2
• Track 1101 : HorseRider_2
• Track 1102 : Jalloh_2
• Track 1103 : CyranoPS_2
• Track 1104 : Spartan_2
• Track 1105 : Gallop_2
• Track 1106 : Clank_2
• Track 1107 : LunaBlu_2, NewHope4_2, Galactic_2
• Track 1108 : Scottish_2, KingMidas_2, IbOuu_2, OldBen_2, Empress_2, Deb65_2, BlueCrab_2, Poenanya_2, Inventum_2, Doomphist_2, RedBird_2, Daenerys_2, RitaG_2, BodEinwohner17_2, JoeyJr_2, Spoonbill_2, Dorothy_2, Pacc40_2, Nimbo_2, DaddyRickover_2, Radiance_2, PHappiness_2, Sassafras_2, Geralt_2
• Track 1109 : 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 1110 : Eish_2
• Track 1111 : ByChance_2, ShowerHandel_2, Lizziana_2, SwagPigglett_2, Martik_2
• Track 1112 : Wachhund_2
• Track 1113 : Ibhubesi_2, Harley_2
• Track 1114 : Saal_2, Brocalys_2, Gorge_2
• Track 1115 : VRedHorse_2
• Track 1116 : Wee_2, DeadP_2
• Track 1117 : Doug_2, Philus_2, LilMoolah_2, Moonbeam_2, Eradicator_2
• Track 1118 : Vivum_2, James_2, Polka14_2
• Track 1119 : Grimmer_3
• Track 1120 : Nivrat_2
• Track 1121 : Phanphagia_2, Zizzle_2, Bipolar_2, Fastidio_2, Medindi_2, MadMen_2, Melissauren88_2, Aubs_2, Kenuha5_2, MilleniumForce_3, Bubbles123_2, DillTech15_2, Chuckly_2, KingJulian_2, Taj_2, SuperGrey_2, EleanorGeorge_2, Donkeykong_2, Karhdo_2, Shauna1_2, StAnnes_2, XFactor_2,

Corium_2, Fruitloop_2, Batiatus_2, Whatsapiecost_2, ShroomBoi_2, Filuzino_2
• Track 1122 : Violac_2
• Track 1123 : Juniper1_2
• Track 1124 : Modragons_2
• Track 1125 : Hlubikazi_2, Mandlovu_2, Strokeseat_2
• Track 1126 : NormanBulbieJr_2, OlympiaSaint_2, Pippy_2, Priscilla_2, Clifton_2, Crumble_2, LastJedi_2, Cabrinians_2, Koella_2, FreddyB_2
• Track 1127 : Firehouse51_2, Akhila_3, Royals2015_2, MilanaBonita_3
• Track 1128 : Chevrolet_2, ArcusAngelus_2
• Track 1129 : Mattes_2, Jennelsea_2
• Track 1130 : PhesterPhotato_2
• Track 1131 : Jarcob_2, ShiLan_2
• Track 1132 : Nichirin_2, Llama_2, Jinglebell_2, Ochi17_2
• Track 1133 : EmiMonkey_2, Gandalph_2, GigiOuiOui_2, Mantra_2, PhlipPhlop_2
• Track 1134 : Zerg_2
• Track 1135 : Girr_2, MisterCuddles_2, Ruby_2, SiSi_2
• Track 1136 : Polo2Bam_2, SeaLumen_2, Enzomatic_2
• Track 1137 : Phatniss_2
• Track 1138 : Hades_2
• Track 1139 : Topiatin_4
• Track 1140 : Kersh_2
• Track 1141 : KristaRAM_3
• Track 1142 : Blexus_2
• Track 1143 : Mutaforma13_2
• Track 1144 : TDanisky_2, Sparkdehlily_2, DRBy19_2
• Track 1145 : DLane_2
• Track 1146 : Fancypants_2
• Track 1147 : GUmbie_2, Veteran_2
• Track 1148 : Whouxphf_2
• Track 1149 : Estave1_2
• Track 1150 : Seabastian_2, AlpineSix_2, OfUltron_2
• Track 1151 : Florinda_2
• Track 1152 : Latretium_2
• Track 1153 : PMC_2, Rockne_2
• Track 1154 : Ms6_2
• Track 1155 : Maravista_2
• Track 1156 : Guppsters_2
• Track 1157 : DoRead_2
• Track 1158 : Che8_2
• Track 1159 : Llij_2
• Track 1160 : BobaPhett_2
• Track 1161 : IMpilo_2
• Track 1162 : Mwanjiwa_2
• Track 1163 : Burwell21_2
• Track 1164 : Sabbb_2
• Track 1165 : Yorick_2
• Track 1166 : Spartacus_2, IrishSherpFalk_2, WillSterrel_2
• Track 1167 : Byougenkin_2
• Track 1168 : Leperchaun_2
• Track 1169 : Cheesepuff_2
• Track 1170 : Mahavrat_2
• Track 1171 : Renaud18_2, TChen_2, ThetaBob_2, LunaStella_2
• Track 1172 : Cornie_2

- Track 1173 : Toron_2
- Track 1174 : MulchSalad_2
- Track 1175 : Okabe_4, Nitzel_3
- Track 1176 : Constance_2, PeggyLeg03_2
- Track 1177 : Henrique_2
- Track 1178 : KayMoney_2, LittleRon_2
- Track 1179 : Bridgette_2
- Track 1180 : LilyBell_2
- Track 1181 : GlobiWarming_2
- Track 1182 : NikkiHotWheels_2
- Track 1183 : Karkharias_2
- Track 1184 : Judy_2
- Track 1185 : Peas_2, Eileen_2
- Track 1186 : NidoQ_2
- Track 1187 : RootBeer_2
- Track 1188 : ChuckDuck_2
- Track 1189 : Pucara_2
- Track 1190 : FosterFrank_2
- Track 1191 : HotPotato_2
- Track 1192 : Donatella_5
- Track 1193 : Nandita_6, Guinevere_6
- Track 1194 : Schism_6
- Track 1195 : Julie_6
- Track 1196 : Yonex_6
- Track 1197 : Halloweekend_4
- Track 1198 : ToastyOats_7
- Track 1199 : Popper_4
- Track 1200 : Lenoxika_6
- Track 1201 : Cole_4
- Track 1202 : AllBusiness_5
- Track 1203 : Elesar_5
- Track 1204 : Ryan_6
- Track 1205 : Kihatsu_7
- Track 1206 : QuinnAvery_6, BigSherm_6
- Track 1207 : Gusanita_4
- Track 1208 : IsHungry_6
- Track 1209 : Dirtdigger_5
- Track 1210 : MillySue_6
- Track 1211 : Ichiang_4
- Track 1212 : GoodLuckBabe_6
- Track 1213 : Saintcarr_5
- Track 1214 : Zaheer_6
- Track 1215 : Toodles_5
- Track 1216 : Arzan_8
- Track 1217 : Sunny4976_8, Jazzy4900_9
- Track 1218 : GermyBearimy_9
- Track 1219 : Marianna39_16, Gandionco_15, Kureo_17
- Track 1220 : Qui_16, JeNeSaisPas_15, Elver_16, Paella_16
- Track 1221 : EvenBluerMoon_3, Hereford_4, Aoka_3, PrairieDogTown_3, Morrey_4
- Track 1222 : Maja_2
- Track 1223 : CocoCinnamon_5
- Track 1224 : JanetJ_3
- Track 1225 : NoSwimming_4, Scotia_4

• Track 1226 : CallinAllBarbz_2
• Track 1227 : BaileyBlu_2
• Track 1228 : Jankie_2, GrimEater_2
• Track 1229 : LisoBros_2
• Track 1230 : Elfy_2
• Track 1231 : Audell_7
• Track 1232 : Mireles_4
• Track 1233 : AnnabelLee_4, ChamoyPickle_4, Gerri43_4, ChipsNGuac_4, CardboardBox_4, Neuvillette_4, Roberts_4
• Track 1234 : Makima_5
• Track 1235 : Ezurina_3
• Track 1236 : TripleC_7
• Track 1237 : LastNadiia_7
• Track 1238 : Agamotto_6
• Track 1239 : TMaxx_4
• Track 1240 : Studio_4
• Track 1241 : Altostratus_2
• Track 1242 : Khuang_2
• Track 1243 : PaintedDog_2, HC_02, Xula_2, Babsiella_2, Bluvara_2
• Track 1244 : QueenHazel_2
• Track 1245 : Brujita_2, Island3_2
• Track 1246 : Stuck_2
• Track 1247 : Sbash_2
• Track 1248 : Che9c_2
• Track 1249 : Rearden_7
• Track 1250 : Shaboozey_6, BronnyJames_6
• Track 1251 : MiaZeal_10, Squint_10, Porcelain_10
• Track 1252 : Nekros_8
• Track 1253 : Gonephishing_10
• Track 1254 : Ariel_9
• Track 1255 : Bobby_11
• Track 1256 : Courthouse_10, Superphikiman_10
• Track 1257 : Lucky2013_10
• Track 1258 : Klein_10, Wanda_10
• Track 1259 : Nibley_6
• Track 1260 : KashFlow_4
• Track 1261 : Hannaconda_7
• Track 1262 : Eevee_12, JoyLin_12
• Track 1263 : Serenabean_12
• Track 1264 : Pippin15_11
• Track 1265 : Sweetclover_13
• Track 1266 : Yotsuba_12
• Track 1267 : Daddyjeff_12
• Track 1268 : AddiRose_12
• Track 1269 : LeBron_4
• Track 1270 : OhShagHennessy_4
• Track 1271 : Zaria_4, AvadaKedavra_4, Wamburgrxpress_4, Acquire49_4, Silverleaf_4, Wyatt2_4, Tyson_4, Rose5_4
• Track 1272 : Halena_4, DirkDirk_4, Appletree2_4, MAckerman_4, Enceladus_4
• Track 1273 : Calm_4, CicholasNage_4, JoeDirt_4, UPIE_4, Poochiewood_4
• Track 1274 : 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 1275 : DHan_4
• Track 1276 : Gardann_4, Vetrix_4, OverPar_4, ChengKai98_4, Sarshaun_4, Loadrie_4, MkaliMitinis3_4, Finemlucis_4, Wigglewiggle_4, Nicholasp3_4, Underpass_4, Soap141_4, Hafay_4, Kahlid_4, Wilder_4, Crossroads_4
• Track 1277 : Rumpelstiltskin_4
• Track 1278 : Bazzle_4
• Track 1279 : ZhongYanYuan_3, Baoshan_3
• Track 1280 : Lewan_4
• Track 1281 : Archie_4
• Track 1282 : Molivier_4
• Track 1283 : Rossetti_4
• Track 1284 : Tourach_4
• Track 1285 : DanBing_3
• Track 1286 : GuuelaD_4
• Track 1287 : Zakai_4
• Track 1288 : Claus_4
• Track 1289 : MiniLon_5, Lolly9_5
• Track 1290 : Red305_5, Jobypre_5, Jubie_5, MsGreen_5, Nicholas_5, TriFive_5, Kingsolomon_5, Snenia_5, Clautastrophe_5, Lumos_5
• Track 1291 : Moostard_5, Bellis_5, Samty_5, Finnry_5
• Track 1292 : LiyuLake_5
• Track 1293 : KirDoubleO7_3
• Track 1294 : Ellson_5
• Track 1295 : MiniMac_5
• Track 1296 : Krypton555_5
• Track 1297 : BourbonZero_4
• Track 1298 : DuncansLeg_5
• Track 1299 : Whirlwind_6
• Track 1300 : Quby_4, Douge_4
• Track 1301 : Sheng711_4, BrainDrainer_4, Douzhi_4, PYPDinur_4
• Track 1302 : Chaser_4
• Track 1303 : Kropertea_4
• Track 1304 : ChutneyChips_4
• Track 1305 : DyoEdafos_5
• Track 1306 : FarmResident_4
• Track 1307 : Bromden_4
• Track 1308 : RoseMarie_14
• Track 1309 : Reindeer_12
• Track 1310 : 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 1311 : Bricole_14, KleverKiS_14, SlimJimmy_13, Skinny_15
• Track 1312 : Aziz_18, GenevaB15_18
• Track 1313 : Rey_18
• Track 1314 : GardenSalsa_18, MrMagoo_18
• Track 1315 : Estes_19
• Track 1316 : Nanosmite_18
• Track 1317 : EGUnicorn_2, Andies_2, Pipsqueaks_2, Xeno_2, Chewbacca_2, Philonius_2, Fulbright_2, Parmesanjohn_2, Schnauzer_2, Xerxes_2, Silvafighter_2, Aggie_2, Bosection6_2, Tortoise12_2
• Track 1318 : Duplicity_2, Melville_2, Tapioca_2, Phloss_2, Cubone_2, Magsby_2, Gex_2, Journey_2, Carcharodon_2, Tessdabest_1, Scitech_2, Silvy_2, Charlie_2, Smurph_2

• Track 1319 : Raymond7_2, Phrann_2, Impisi_2
• Track 1320 : Panchino_2, SkinnyPete_2
• Track 1321 : PhancyPhin_2, Jamie19_2, Nenae_2, Rebel_2, SpongeBob_2
• Track 1322 : Butters_2
• Track 1323 : BabeRuth_2
• Track 1324 : Hanako_2, Spinach_2, Snekmaggedon_2, Redi_2, Purgamenstris_2, ShrimpFriedEgg_2
• Track 1325 : MichelleMyBell_2
• Track 1326 : Shweta_2
• Track 1327 : Rubeelu_2
• Track 1328 : Kevin1_2
• Track 1329 : KilKor_2, Megiddo_2, StevieRay_2, CactusJack_2, Glaske_2, Ksquared_2, StressBall_2, Phalm_2, Polkaroo_2, Gavriela_2, Bunnies_2
• Track 1330 : Langerak_2
• Track 1331 : Majeke_2, Phegasus_2, Arib1_2, Mangethe_2
• Track 1332 : Sonah_2, Donovan_2, Juniormint_2
• Track 1333 : Pygmy_2, Bogie_2, Shipwreck_2
• Track 1334 : Brusacoram_2, Atcoo_2, Thespis_2
• Track 1335 : HUHilltop_2, GaloreK_2, Techage_2, BronnyJr_2
• Track 1336 : Willsammy_2
• Track 1337 : GreaseLightnin_2, Zilizebeth_2, Malithi_2, Fishburne_2, Necropolis_2, Etoile_2, Camster_2, Vidya_2, Phineas_2, Bartholomew_2, Kari_2, Dynamo_2, Chubbello_2, FirstPlacePfu_2, Venti_2
• Track 1338 : Jebeks_2
• Track 1339 : Bhagsy_2, PeanutPie_2
• Track 1340 : Jung_2
• Track 1341 : Tortellini_2
• Track 1342 : Xavia_2
• Track 1343 : BigNuz_2, Nazo_2
• Track 1344 : Phayonce_2
• Track 1345 : ThulaThula_2
• Track 1346 : Purky_2
• Track 1347 : Wishmaker_5, OBUpride_5, Ein37_5, Luna22_5, Dewey_5, Gravaillia_5, Forge_5, HH92_5, DeepSoil15_5, LilHazelnut_5, Webster2_5, Daegal_6, Amymech_5, Gancho_4, Hail_5, Ubuntu_5, BloominB_5, Giles_5, Kinbote_5, Amochick_5
• Track 1348 : Evanesce_5, Luke_5, Hadrien_5
• Track 1349 : NovoPizza_3
• Track 1350 : 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 1351 : Nairb_3, RonRayGun_3, ZenTime222_3, Whitty_3, Ibrahim_3, Bernal13_3
• Track 1352 : Nette_3
• Track 1353 : Mendokysei_2
• Track 1354 : WorMMAs_2
• Track 1355 : Stellammi_2
• Track 1356 : PhaoMing_1
• Track 1357 : MaryV_26, EniyanLRS_23, Wildcat_26, Azrael100_25
• Track 1358 : Cosmo_26
• Track 1359 : Typha_9, Faiyaz_9, AuntGwenStacy_9
• Track 1360 : Hilltopfarm_9

• Track 1361 : Bipper_9
• Track 1362 : Cracklewink_9
• Track 1363 : Rem711_3
• Track 1364 : 32HC_3
• Track 1365 : Shambre1_3
• Track 1366 : Min1_37
• Track 1367 : RRH1_02
• Track 1368 : Samy_5
• Track 1369 : Barebow_2
• Track 1370 : TPA4_2
• Track 1371 : Gudmit_3
• Track 1372 : BFK20_ORF2
• Track 1373 : Eyre_2
• Track 1374 : Finkle_2
• Track 1375 : GMA4_2
• Track 1376 : Whack_2
• Track 1377 : Footloose_2
• Track 1378 : Elener_3
• Track 1379 : GAL1_4
• Track 1380 : Gallia_20
• Track 1381 : DS6A_5
• Track 1382 : Kromp_2
• Track 1383 : Mbo4_2
• Track 1384 : Kumao_13
• Track 1385 : Juicebox_3
• Track 1386 : Chymera_2
• Track 1387 : ChewyVIII_38
• Track 1388 : Bobburn_2
• Track 1389 : Ball_2
• Track 1390 : Tailonex_9
• Track 1391 : EmiRose_2
• Track 1392 : Attoomi_3

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

The start number called the most often in the published annotations is 102, it was called in 391 of the 2715 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• A6_09, AFIS_11, AbbysRanger_11, Abbyshoes_12, Abdiel_11, Abrogate_120, Achebe_11, Adahisdi_12, Aeneas_13, Agaliana_11, Ajay_11, Albee_11, Alberto7_12, Aldrich_12, Alsfro_15, Altman_12, Alvin_12, Annyong_11, Applejack_11, Arcanine_12, Arlo_10, Arturo_10, Atkinbua_12, AvatarAhPeg_11, Avle17_11, B1_09, BK1_09, BPBiebs31_12, Baby16_11, BabyJohn_10, BabyRay_11, Backyardigan_11, BaconJack_13, Badger_11, BangNhom_10, Barriga_11, BarrowTuph_10, Bartimeaus_11, BeesKnees_12, BellusTerra_11, BigPaolini_12, Bigchungi_11, Bigfoot_10, BillKnuckles_12, Bircsak_11, Blackflame_11, Blackmoor_11, Blesser_11, BluSpix_11, BlueBird_12, Blue_11, Bob3_10, Bombshell_11, Bones_11, Briton15_13, Broseidon_11, Bruiser_11, BubbleTrouble_11, Buckaroo_10, Bugatti_12, Bumblebee11_11, Burger_10, Buttons_12, Bxb1_10, CactusRose_10, Caelakin_11,

Camperdownii_10, Carlyle_13, 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_12, Clarenza_11, Cocoaberry_11, Commander_11, ConceptII_11, Connomayer_11, Corvo_11, Crispicous1_10, Cueylyss_11, DD5_12, Datway_11, Deano_11, Dexes_12, Dhanush_11, DirtDevil_12, DirtyDunning_11, DontArgue_10, Doom_11, DrFeelGood_10, Drake94_10, Dreamboat_12, DroogsArmy_12, DropBear_11, Druantia_11, Dulcie_10, Dussy_12, DustyMartin_14, Dynamix_12, Eagle_10, Eaglepride_12, Eapen_11, Edison31_11, Edtherson_12, EnzoK_12, Eris_11, Eros_11, Espresso_11, EtoileNova_12, Euphoria_11, Eurydice_11, Eyeball_11, Fascinus_10, Florean_11, 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, Iceman_11, Ichabod_12, Idleandcovert_11, IgnatiusPatJac_10, Inyanga_10, Iqorha_10, Iracema64_11, Isca_11, JC27_13, JF2_11, JF4_11, JackSparrow_12, Jasper_12, Jaykayelowell_11, JetBlade_11, JoongJeon_11, Jorgensen_11, JuliaChild_13, Junimo_10, KBG_12, KFPoly_11, KSSJEB_11, Kachowdy_11, Kampy_11, Kanely_12, Katalie136_11, 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, Lemur_11, Lesedi_10, Licorice_13, LilBib_12, LittleB_11, LittleGuy_11, LochMonster_11, Lockley_11, Lorenzo_11, LunarLander_11, Lunsford_12, MA5_11, MK4_11, MPlant7149_10, Magnar_11, Magnito_10, Manatee_12, Marcell_11, Marchesa_11, Marchy_10, Marco3_11, Margo_12, Maroc7_10, Marsha_11, MaryBeth_11, Maverick_11, Maxo_11, Mayonnaise_11, Mazhar510_11, McGuire_12, McSinger_12, Medusa_11, MeeZee_11, Melvin_11, MetalQZJ_11, Michley_11, MilleFeuille_10, Miramae_11, Molly_12, Moose_10, Morpher26_11, MrGordo_11, Mryolo_10, Mule_11, Mundrea_11, NEHalo_11, Nebs_11, Nerujay_12, Nhonho_11, Noella_12, Noelle_11, Norbert_11, NorthStar_11, Northrop_11, Norz_13, NotAPhaseMom_11, Noxious_13, Nyxis_11, OKCentral2016_11, OKaNui_11, Obama12_11, Ohfah_11, Ohno789_10, Oogway_10, PP_21, PSullivan_13, PacerPaul_11, Palestino_11, Panamaxus_12, Papez_13, Paphu_10, Paraselene_10, Pari_12, Parliament_10, PascalRango_10, Payneful_11, PeaceMeal1_10, Peaches_11, Pelly_12, Pepe_12, Perplexer_11, Perseus_12, PeterPeter_11, Peterson_14, PetiteSangsue_11, Petruchio_11, Phacado_11, Phantastic_11, Phelipe_11, PherrisBueller_12, Phighter1804_11, Phontbonne_11, PhrostyMug_11, PinkPlastic_10, Pinto_13, Pipcraft_11, Pistachio_12, Pita2_13, Pocahontas_12, Polymorphads_11, Poompha_10, Popcicle_12, PowerRanger_11, ProMouse_12, Pumbaa_11, Puppet_11, Puppy_12, QTRlifeCrisis_11, QuinnKiro_11, Raid_11, Rajelicia_11, Rebeuca_12, Relief_11, ResDef_12, RhynO_12, Rhynn_11, RidgeCB_11, Ringer_11, RockieBear_11, 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, 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, Skadoosh_11, SkiPole_13, Slagathor_12, Smairt_12, Smeagol_12, Snazzy_9, Solon_11, Sorpresa_11, Sparxx_11, Spino_11,

Squee_12, Stasia_12, SteMason_11, StewieG_10, Stink_11, Sultana_11, Sumter_10, Sunshine924_10, SwissCheese_11, Switzer_12, Swole_13, TNguyen7_11, Taquarus_11, Target_13, Tasp14_12, Teodoridan_9, Texage_11, Thanksgivukkah_11, TheloniousMonk_13, Thor_11, Timshel_12, TinaFeyge_11, Tinybot_10, TiroTheta9_11, Todacoro_12, Topanga_11, Topgun_11, Toro_14, Tote_13, Traft412_13, Trike_9, Tripl3t_12, Trouble_11, TroyPia_11, Turj99_10, Twister_11, TwoPeat_12, TygerBlood_11, U2_11, Ulysses_10, Veracruz_11, WalterMcMickey_11, Wander_11, Watermelon_13, Wheeler_11, Whitspit_12, Wilbur_11, Wile_11, Wilkins_11, Wizard007_11, Xena_11, YoSam321_11, Zarafa_11, Zeeculate_10, Zephyr_11, Zeuska_12,

Genes that have the "Most Annotated" start but do not call it:
• Finkle_2, 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, AEgle_2, AGrandiflora_2, AN3_12, AN9_15, ANI8_15, Aaronocolus_6, AbbeyMikolon_2, AbbyPaige_14, Abelaine_3, Abidatro_3, Abigail_3, Abscondus_29, Acai_7, AceofSpades_2, Acme_13, Acolyte_12, Acquire49_4, AddiRose_12, Adelaide_2, Adnama_10, Adolin_2, AdoptaAdorbs_2, Adora_2, Adumb2043_2, Adzzy_13, Aflac_17, Agamotto_6, Agape74_14, Agatha_4, AgentM_9, Aggie_2, Aglet_13, AgronaGT15_13, Agueybana_2, AikoCarson_3, AinMach_2, 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, Amploria_2, Amyev_2, Amymech_5, Anandi_8, Anatole_3, Anaysia_14, AndPeggy_3, Andies_2, Andrew_3, Andris_6, Aneem_12, Anekin_2, Angelique_2, AngryOrchard_7, Animus_7, AnnaL29_15, AnnaLie_4, AnnabelLee_4, Annalisa_3, Annihilus_7, Anon_12, Anselm_12, Anseraureola_3, Anthony_11, Antonio_2, Antrice_3, Anubis_15, Aoka_3, Aphelion_30, Apiary_28, AppleCider_5, AppleCloud_6, Applejacks_2, Appletree2_4, Apricot_2, Aragog_9, Arataki_14, Arcadia_8, ArcherNM_14, Archetta_9, ArchiDore_2, Archie_4, Archimedes_1, Archis_2, ArcusAngelus_2, Ardmore_2, AreFloNak_7, Argan_7, Argent26_10, Arianna_3, Arib1_2, Ariel_9, Aries55_3, Arissanae_11, Armstrong_2, Arroyo_4, Artemis2UCLA_15, ArtetaBall_17, Arti_24, Artorias_13, Arzan_8, Asa16_2, Ascela_2, Ashballer_10, Ashes_2, Asriel_8, Asten_6, Astro16_3, Astro_9, Atcoo_2, Atlantica_2, Attis_2, Attoomi_3, Aubs_2, Audell_7, 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, Ayotoya_6, Azaz_2, Azira_6, Aziz_18, Azizam_3, Azrael100_25, Aztec_3, Azula_2, B3_3, BABullseye_15, BAjuniper_3, BBQValindra_2, BFK20_ORF2, BabeRuth_2, Babsiella_2, Babushka_2, BabyBack_14, BabyDaisy_4, BabyYoda_3, Bachaco_3, Bachita_32, Bachome_12, BackstagePass_2, Bactobuster_13, BadWillHunting_4, Baehexic_13, BaileyBlu_2, Baine_3, Ball_2, Balloona_3, Banquo_11, Bantam_12, Baoshan_3, BarBear_3, Barbarian_8, BarbieDoll_8, Barbonzobean_7, Barco_2, Barebow_2, Barnstormer_2, BarryBee_8, BartholomewSD_8, Bartholomew_2, Basilisk_3, Bask21_8, BatStarr_2, Batiatus_2, Battleship_15, Bavilard_4, BaxterFox_2, Bazzle_4, BearBQ_2, BeardedLady_7, Beaupre_2, Beauxregard13_13, Bedetta_4, BeeGee_2, Beelzebub_39, Beemo_13, Beenie_3, Beethoven_5, Begonia_2, 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, Berrie_2, BetterKatz_6, BetterYeti_17, Bhagsy_2, BiPauneto_27, Bialota_2, BiancaTri92_14, Bibble12_4, BigBubba_8, BigCheese_4, BigChungus_3, BigMack_2, BigMau_13, BigNuz_2, BigSherm_6, Bigflo_13, BillDoor_6, Bilo_7, Bing_7, BinkBonk_3, Bintii_3, Bipolar_2, Bipper_9, Birdsong_2, Biscayne_3, Biscute_7, Biskit_5, Bjanes7_2, BlackHoleSun_9, Blackbeetle_35, Blanky_13, BlessJoy_15, Blexus_2, BlingBling_2, Blinn1_15, Blino_2, Blondies_5, BloominB_5, Blue7_15, BlueCrab_2, Blueberry_2, Bluefalcon_8, BluerMoon_17, Bluvara_2, BobSwaget_15, BobaPhett_2, Bobburn_2, BobbyDazzler_8, Bobby_11, BobsGarage_4, Bock_6, BodEinwohner17_2, Bodacious_2, Bodhi17_3, Bogg_9, Bogie_2, BogosyJay_13, BonaeVitae_3, Bonamassa_9, Bonanza_8, Bongo_14, Bonum_27, Boog_8, Boohoo_14, BoomRoasted_3, Bosection6_2, Bosnia_2, Bouchard_7, BourbonZero_4, Bovely_6, Bowden_7, Bowling_8, Bowser_2, Bowtie_12, BoyNamedSue_2, Bradissa_2, Bradley2_3, Bradman_11, Bradshaw_8, Brahms_2, BrainDrainer_4, Bran_2, Brataylor_7, Braxoaddie_28, BreSam8_13, Breezona_4, Breylor17_7, Bri160_3, Bricole_14, Bridgette_2, BritBrat_2, Brocalys_2, BrokMonster_3, Bromden_4, BronnyJames_6, BronnyJr_2, BronxBay_8, BrotherBLo_5, Brujita_2, Bruns_10, Brunswick_7, Brusacoram_2, BrutonGaster_18, BryanRecycles_7, Bryce_8, Brylie_6, Brynnie_3, BubbaBear_3, Bubble_4, Bubbles123_2, Bud_12, Budgie_10, Bugg_15, Buggaboo_25, Bugsy_14, Buldak_3, Bullzi2019_3, Bunker_2, Bunnies_2, Bunnybear_2, Burgy_3, Burley_17, Burnsey_4, Burritobowl_3, BurtonThePup_3, Burton_12, Burwell21_2, Butters_2, Button_5, Buttrmlkdreams_4, BuzzBuzz_12, Bxz2_13, ByChance_2, Byougenkin_2, C3PO_12, C3_10, CRB1_12, CWormy_17, Cabrinians_2, CactusJack_2, Cactus_10, Caelum_7, Caitlin_9, Caliburn_6, CallieOMalley_5, CallinAllBarbz_2, Calm_4, Calvinny_13, Camara_2, Camille_10, Camster_2, CanFranMach_3, Candra_15, CanesSauce_4, Canowicakte_5, CapnMurica_7, Cappuccino_2, Caprice_34, CaptainKirk2_2, CaptainTrips_3, Captrips_13, Capybara_13, CaramelLatte_4, Caraxes_11, Carcharodon_2, CardboardBox_4, Cardigan_29, CarefulCloud_2, CarolAnn_2, Caron_2, Carpal_5, Carsonalex_5, Cashington_3, Cashline_2, Cassia_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, ChamoyPickle_4, Changeling_15, Charbie_3, Chargerpower_12, Charlie_2, Charm_12, Chartreuse_15, Chaser_4, Chatham_3, Che12_13, Che8_2, Che9c_2, CheeseSpider_2, Cheesecake_3, Cheesepuff_2, Cheesy_8, ChengKai98_4, CherryBlossom_8, CherryonLim_5, Chevrolet_2, ChewChew_2, Chewbacca_2, ChewyVIII_38, Chickaboom_2, ChickenTender_6, Chicken_3, ChickyNuggy_14, Chikenjars_17, ChiliPepper_3, ChipMunk_14, Chipko_2, ChipsNGuac_4, Chlochlo_7, ChocoMunchkin_4, Cholula_5, Chop_6, ChosenOne_7, ChotaBhai_8, Chridison_2, Christian_2, Chubbello_2, ChuckDuck_2, Chuckly_2, Chucky_6, ChutneyChips_4, Chymera_2, CicholasNage_4, Ciel_3, Circum_8, Citrus_16, Clank_2, Clap_2, Clark_3, Clarkson_36, Claus_4, Clautastrophe_5, Clayda5_2, CliffHanger_4, Clifton_2, CloudWang3_15, ClownCar_13, Clownery_3, ClubL_30, ClubPenguin_6, CocoCinnamon_5, CocoaPuff_3, Coeur_2, CoffeeBean_28, CogOmlette_10, Colbster_13, Cole_4, Colin_15, Colleen_3, Coltrane_2, Colusalem_3, Commandaria_26, Community_3, Conan_7, Concrete_3, Confidence_2, Conley_13, Conquerage_13, Conspiracy_9, Constance_2, Coog_9, Cookiedough_15, Coral_3, Corazon_33, Coriander_2, Corium_2, Cornie_2, Correa_8, CosmicBrownie_2, CosmicSans_8, Cosmo_26, Cote_4, Count_11, Courthouse_10, Cozz_4, Cracklewink_9, Crater_2, Crewmate_3, CricKo_7, CristinaYang_2, CroZenni_3, Crocheter_16, Croquant_14, Crossroads_4, Crucio_12, Cruella_12, Crumble_2, Cubone_2, Cuco_9, Cucurbita_32, Cullens_13, Culver_30, CupcakePrincess_3, CurlyFries_6, Cyan_2, Cygnet_3, Cynthia_2, CyranoPS_2, Czyszczon1_9, D29_13, D32_15, DBQu4n_15, DHan_4, DLane_2,

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Summary by start number:

Start 5:
• Found in 5 of 3017 (0.2%) of genes in pham
• Manual Annotations of this start: 5 of 2715
• 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 15:
• Found in 1 of 3017 (0.0%) of genes in pham
• Manual Annotations of this start: 1 of 2715
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Stickynote_14 (EN),

Start 42:
• Found in 8 of 3017 (0.3%) of genes in pham
• Manual Annotations of this start: 1 of 2715
• Called 12.5% of time when present
• Phage (with cluster) where this start called: Mendokysei_2 (T),

Start 53:
• Found in 48 of 3017 (1.6%) of genes in pham
• Manual Annotations of this start: 20 of 2715
• Called 41.7% of time when present
• Phage (with cluster) where this start called: AgentM_9 (A5), Archetta_9 (A5), Bluefalcon_8 (A5), Conspiracy_9 (A5), Cuco_9 (A5), Discoknowium_9 (A5), Dublin_8 (A5), ElTiger69_9 (A5), ForGetIt_9 (A5), George_8 (A5), Ghoulboy_9 (A5), Milcery_9 (A5), Naca_9 (A5), Phlorence_9 (A5), PickleBack_9 (A5), Prinashe11_9 (A5), Swirley_9 (A5), Tarynearal_8 (A5), Theia_8 (A5), UnionJack_9 (A5),

Start 58:
• Found in 4 of 3017 (0.1%) of genes in pham
• Manual Annotations of this start: 4 of 2715
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Archimedes_1 (DA), Frizzle_1 (DA), Ghobes_1 (DA), Sapo_1 (DA),

Start 63:
• Found in 60 of 3017 (2.0%) of genes in pham
• Manual Annotations of this start: 32 of 2715
• Called 56.7% 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), 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 70:
• Found in 25 of 3017 (0.8%) of genes in pham
• Manual Annotations of this start: 1 of 2715
• Called 4.0% of time when present
• Phage (with cluster) where this start called: Provolone_7 (BD3),

Start 75:
• Found in 113 of 3017 (3.7%) of genes in pham
• Manual Annotations of this start: 95 of 2715
• 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 76:
• Found in 2 of 3017 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 2715
• Called 50.0% of time when present
• Phage (with cluster) where this start called: JustASigh_2 (AH),

Start 78:
• Found in 19 of 3017 (0.6%) of genes in pham
• Manual Annotations of this start: 1 of 2715
• Called 5.3% of time when present
• Phage (with cluster) where this start called: Saftant_6 (BD3),

Start 79:

• Found in 1 of 3017 (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: Weirdo19_2 (AH),

Start 84:
• Found in 24 of 3017 (0.8%) of genes in pham
• Manual Annotations of this start: 21 of 2715
• Called 87.5% 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), Wishmaker_5 (Q),

Start 89:
• Found in 1 of 3017 (0.0%) of genes in pham
• Manual Annotations of this start: 1 of 2715
• Called 100.0% of time when present
• Phage (with cluster) where this start called: MalagasyRose_7 (AG),

Start 91:
• Found in 1 of 3017 (0.0%) of genes in pham
• Manual Annotations of this start: 1 of 2715
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Nergal_5 (AG),

Start 92:
• Found in 76 of 3017 (2.5%) of genes in pham
• Manual Annotations of this start: 10 of 2715
• Called 14.5% 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 95:
• Found in 3 of 3017 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 2715
• Called 66.7% of time when present
• Phage (with cluster) where this start called: 32HC_3 (Z), Rem711_3 (Z),

Start 96:
• Found in 12 of 3017 (0.4%) of genes in pham
• Manual Annotations of this start: 7 of 2715
• Called 75.0% 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 98:
• Found in 2 of 3017 (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: Gallia_20 (singleton),

Start 99:
• Found in 1 of 3017 (0.0%) of genes in pham
• Manual Annotations of this start: 1 of 2715
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Finkle_2 (singleton),

Start 100:
• Found in 15 of 3017 (0.5%) of genes in pham
• Manual Annotations of this start: 15 of 2715
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Barnstormer_2 (EH), Caron_2 (EH), Cen1621_2 (EH), DS6A_5 (singleton), Floof_2 (EH), Forester_2 (EH), GardenState_2 (EH), Gretchen_2 (EH), IAmGroot_2 (EH), Mabodamaca_2 (EH), Percival_2 (EH), SuMoo_2 (EH), SuperHands_2 (EH), UtzChips_2 (EH), Zeta1847_2 (EH),

Start 101:
• Found in 62 of 3017 (2.1%) of genes in pham
• Manual Annotations of this start: 50 of 2715
• Called 98.4% of time when present
• Phage (with cluster) where this start called: AEgle_2 (AZ1), AGrandiflora_2 (AZ1), Adumb2043_2 (AZ1), AinMach_2 (AZ7), Amploria_2 (AZ1), Amyev_2 (AZ1), Asa16_2 (AZ1), Ascela_2 (AZ1), Berrie_2 (AZ1), Cassia_2 (AZ1), Community_3 (AZ1), Crewmate_3 (AZ1), Cyan_2 (AZ1), DrSierra_2 (AZ1), Elezi_2 (AZ1), Eraser_2 (AZ1), Exile_2 (AZ6), Flutur_2 (AZ), IUFootball_2 (AZ2), Iter_2 (AZ1), IttyBittyPiggy_2 (AZ1), Janeemi_3 (AZ1), Joemato_2 (AZ1), JohnDoe_2 (AZ1), Jstan_2 (AZ1), JuneStar_2 (AZ1), Kaylissa_2 (AZ1), Lego_2 (AZ1), Liebe_2 (AZ2), Lizalica_2 (AZ1), London_2 (AZ1), MaGuCo_2 (AZ2), Maureen_2 (AZ2), Michkear_5 (AZ), Mudpuppy_2 (AZ1), Niobe_2 (AZ1), Nitro_2 (AZ1), ObiToo_2 (AZ1), Phives_3 (AZ1), Pixelle_2 (AZ1), Powerpuff_2 (AZ1), Pumpkins_2 (AZ1), Schaffner_2 (AZ1), Simpson_2 (AZ1), Skelbel_2 (AZ1), Snek_3 (AZ3), Soondubu_2 (AZ6), Subaru_2 (AZ1), Tallboi_2 (AZ1), Tbone_2 (AZ1), TforTroy_2 (AZ1), ThursdayNight_2 (AZ), Tian_2 (AZ1), Tuck_3 (AZ1), Turab_2 (AZ1), Tutumahutu_2 (AZ1), Tweety19_3 (AZ3), Warda_2 (AZ1), Wildwest_3 (AZ1), Yang_2 (AZ1), YesChef_2 (AZ1),

Start 102:
• Found in 430 of 3017 (14.3%) of genes in pham
• Manual Annotations of this start: 391 of 2715
• Called 99.1% of time when present
• Phage (with cluster) where this start called: A6_09 (A1), AFIS_11 (A1), AbbysRanger_11 (A4), Abbyshoes_12 (A1), Abdiel_11 (A4), Abrogate_120 (A1), Achebe_11 (A4), Adahisdi_12 (A1), Aeneas_13 (A1), Agaliana_11 (A1), Ajay_11 (A1), Albee_11 (A4), Alberto7_12 (A4), Aldrich_12 (A1), Alsfro_15 (A1), Altman_12 (A1), Alvin_12 (A1), Annyong_11 (A4), Applejack_11 (A1), Arcanine_12 (A1), Arlo_10 (A1), Arturo_10 (A4), Atkinbua_12 (A1), AvatarAhPeg_11 (A4), Avle17_11 (A4), B1_09 (A3), BK1_09 (A1), BPBiebs31_12 (A1), Baby16_11 (A4), BabyJohn_10 (A3), BabyRay_11 (A3), Backyardigan_11 (A4), BaconJack_13 (A1), Badger_11 (A4), BangNhom_10 (A4), Barriga_11 (A1), BarrowTuph_10 (A1), Bartimeaus_11 (A4), BeesKnees_12 (A1), BellusTerra_11 (A4), BigPaolini_12 (A1), Bigchungi_11 (A1), Bigfoot_10 (A1), BillKnuckles_12 (A1), Bircsak_11 (A1), Blackflame_11 (A1), Blackmoor_11 (A4), Blesser_11 (A1), 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_12 (A3), Bumblebee11_11 (A4), Burger_10 (A4), Buttons_12 (A1), Bxb1_10 (A1), CactusRose_10 (A1), Caelakin_11 (A4), Camperdownii_10 (A4), Carlyle_13 (A1), CatBus_12 (A1), 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_12 (A3), Clarenza_11 (A4), Cocoaberry_11 (A4), Commander_11 (A4), ConceptII_11 (A1), Connomayer_11 (A4), Corvo_11 (A1), Crispicous1_10 (A1), Cueylyss_11 (A1), DD5_12 (A1), 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), 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), EnzoK_12 (A1), Eris_11 (A4), Eros_11 (A4), Espresso_11 (A1), EtoileNova_12 (A3), Euphoria_11 (A1), Eurydice_11 (A4), Eyeball_11 (A1), Fascinus_10 (A1), Florean_11 (A4), Flux_11 (A4), FlyCatcher_15 (A7), 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), Iceman_11 (A4), Ichabod_12 (A1), Idleandcovert_11 (A3), IgnatiusPatJac_10 (A1), Inyanga_10 (A1), Iqorha_10 (A1), Iracema64_11 (A4), Isca_11 (A3), JC27_13 (A1), JF2_11 (A3), JF4_11 (A3), JackSparrow_12 (A1), Jasper_12 (A1), Jaykayelowell_11 (A4), JetBlade_11 (A4), JoongJeon_11 (A4), Jorgensen_11 (A1), JuliaChild_13 (A1), Junimo_10 (A4), KBG_12 (A1), KFPoly_11 (A4), KSSJEB_11 (A1), Kachowdy_11 (A3), Kampy_11 (A4), Kanely_12 (A1), Katalie136_11 (A4), KekoraPapaka_10 (A4), KikiBouba_13 (A1), Killigrew_9 (A1), Kimona_8 (A19), Kingmustik0402_11 (A4), KittenMittens_10 (A10), Koan_11 (A4), Koreni_10 (A4), Kratark_11 (A4), Kremtemulon_11 (A4), Kristoff_12 (A10), Kugel_12 (A1), KyMonks1A_13 (A1), Kyee_11 (A4), Kykar_9 (A1), LHTSCC_11 (A4), Lambert1_12 (A3), Lamina13_11 (A1), LappelDuVide_11 (A4), Lemur_11 (A4), Lesedi_10 (A1), Licorice_13 (A1), LilBib_12 (A1), LittleB_11 (A4), LittleGuy_11 (A4), LochMonster_11 (A4), Lockley_11 (A1), Lorenzo_11 (A4), LunarLander_11 (A1), Lunsford_12 (A4), MA5_11 (A3), MK4_11 (A3), MPlant7149_10 (A1), Magnar_11 (A1), Magnito_10 (A1), Manatee_12 (A1), Marcell_11 (A1), Marchesa_11 (A3), Marchy_10 (A1), Marco3_11 (A1), Margo_12 (A3), Maroc7_10 (A1), Marsha_11 (A1), MaryBeth_11 (A1), Maverick_11 (A4), Maxo_11 (A4), Mayonnaise_11 (A4), Mazhar510_11 (A4), McGuire_12 (A1), McSinger_12 (A1), Medusa_11 (A4), MeeZee_11 (A4), Melvin_11 (A4), MetalQZJ_11 (A1), Michley_11 (A1), MilleFeuille_10 (A1), Miramae_11 (A4), Molly_12 (A1), Moose_10 (A1), Morpher26_11 (A4), MrGordo_11 (A1), Mryolo_10 (A1), Mule_11 (A1), Mundrea_11 (A4), NEHalo_11 (A1), Nebs_11 (A4), Nerujay_12 (A1), Nhonho_11 (A1), Noella_12 (A3), Noelle_11 (A4), Norbert_11 (A3), NorthStar_11 (A4), Northrop_11 (A4), Norz_13 (A1), NotAPhaseMom_11 (A4), Noxious_13 (A1), Nyxis_11 (A4), OKCentral2016_11 (A10), OKaNui_11 (A4), Obama12_11 (A4), Ohfah_11 (A4), Ohno789_10 (A1), Oogway_10 (A1), PP_21 (A7), PSullivan_13 (A1), PacerPaul_11 (A1), Palestino_11 (A4), Panamaxus_12 (A3), Papez_13 (A1),

Paphu_10 (A1), Paraselene_10 (A1), Pari_12 (A1), Parliament_10 (A1), PascalRango_10 (A1), Payneful_11 (A1), PeaceMeal1_10 (A10), Peaches_11 (A4), Pelly_12 (A1), Pepe_12 (A1), Perplexer_11 (A4), Perseus_12 (A1), PeterPeter_11 (A4), Peterson_14 (A1), PetiteSangsue_11 (A4), Petruchio_11 (A1), Phacado_11 (A4), Phantastic_11 (A3), Phelipe_11 (A4), PherrisBueller_12 (A1), Phighter1804_11 (A4), Phontbonne_11 (A4), PhrostyMug_11 (A1), PinkPlastic_10 (A1), Pinto_13 (A1), Pipcraft_11 (A4), Pistachio_12 (A3), Pita2_13 (A1), Pocahontas_12 (A3), Polymorphads_11 (A4), Poompha_10 (A10), Popcicle_12 (A3), PowerRanger_11 (A1), ProMouse_12 (A1), Pumbaa_11 (A4), Puppet_11 (A1), Puppy_12 (A3), QTRlifeCrisis_11 (A1), QuinnKiro_11 (A3), Raid_11 (A1), Rajelicia_11 (A1), Rebeuca_12 (A10), Relief_11 (A4), ResDef_12 (A3), RhynO_12 (A10), Rhynn_11 (A1), RidgeCB_11 (A1), Ringer_11 (A1), RockieBear_11 (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), 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), Skadoosh_11 (A4), SkiPole_13 (A1), Slagathor_12 (A1), Smairt_12 (A1), Smeagol_12 (A1), Snazzy_9 (A1), Solon_11 (A1), Sorpresa_11 (A1), Sparxx_11 (A4), Spino_11 (A4), Squee_12 (A1), Stasia_12 (A4), SteMason_11 (A4), StewieG_10 (A1), Stink_11 (A4), Sultana_11 (A4), Sumter_10 (A1), Sunshine924_10 (A1), SwissCheese_11 (A1), Switzer_12 (A1), Swole_13 (A1), TNguyen7_11 (A3), Taquarus_11 (A4), Target_13 (A1), Tasp14_12 (A1), Teodoridan_9 (A1), Texage_11 (A3), Thanksgivukkah_11 (A4), TheloniousMonk_13 (A1), Thor_11 (A1), Timshel_12 (A7), TinaFeyge_11 (A4), Tinybot_10 (A4), TiroTheta9_11 (A4), Todacoro_12 (A3), Topanga_11 (A10), Topgun_11 (A1), Toro_14 (A7), Tote_13 (A1), Traft412_13 (A1), Trike_9 (A10), Tripl3t_12 (A1), Trouble_11 (A1), TroyPia_11 (A4), Turj99_10 (A1), Twister_11 (A10), TwoPeat_12 (A1), TygerBlood_11 (A4), U2_11 (A1), Ulysses_10 (A4), Veracruz_11 (A3), WalterMcMickey_11 (A10), Wander_11 (A4), Watermelon_13 (A1), Wheeler_11 (A1), Whitspit_12 (A1), Wilbur_11 (A4), Wile_11 (A4), Wilkins_11 (A1), Wizard007_11 (A4), Xena_11 (A4), YoSam321_11 (A4), Zarafa_11 (A3), Zeeculate_10 (A1), Zephyr_11 (A1), Zeuska_12 (A1),

Start 103:
• Found in 314 of 3017 (10.4%) of genes in pham
• Manual Annotations of this start: 278 of 2715
• Called 93.9% 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), AceofSpades_2 (AZ4), Acolyte_12 (A2), Adolin_2 (AZ1), 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_15 (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), DrManhattan_2 (AZ1), Drake55_14 (A2), DudeLittle_12 (A2), Duplo_15 (A2), EZMoney23_16 (A2), EagleEye_14 (A16), Ebony_12 (A11), Echild_12 (A2), EdogawaKiddo_13 (A9), Eidsmoe_13 (A9), Elephantoon_13 (A9), Elle_12 (A15), Epsocamisio_14 (A15), Equemioh13_14 (A2), EricB_15 (A6), Et2Brutus_11 (A11), EvilGenius_14 (A2), Fameo_12 (A2), Fayely_13 (A9), Fibonacci_12 (A11), FiringLine_12 (A2), First_0012 (A2), FiveHead_2 (AZ4), Flare16_12 (A2), Flaverint_12 (A11), ForesterFrank_14 (A2), Gail_11 (A14), Garak_16 (A6), GaugeLDP_14 (A2), Georgie2_13 (A2), Gilberta_12 (A11), Gladiator_15 (A6), Gratitude_14 (A2), GreedyLawyer_15 (A6), Gruunaga_15 (A6), Hammer_15 (A6), Hanray_13 (A9), HarryHoudini_14 (A2), Heffalump_14 (A2), Helmet_15 (A6), Herbertwm_10 (A2), Hexamo_15 (A6), HippoHollow_13 (A2), Holex_13 (A9), Hoot_15 (A6), HortumSL17_13 (A9), Hutc2_12 (A11), Imbriano_15 (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), JasmineDragon_2 (AZ4), Jeeves_11 (A14), Jeffabunny_15 (A6), Jerm_14 (A2), JewelBug_15 (A6), Jiawan_13 (A9), JohnThicc_2 (AZ4), Jordennis_15 (A6), Joselito_12 (A11), JoshKayV_14 (A2), Journey13_10 (A2), Jsquared_11 (A2), Kalpine_15 (A2), KatherineG_14 (A15), Kazan_15 (A6), KeAlii_2 (AZ1), Kerberos_15 (A2), Keziacharles14_11 (A9), Kimba_12 (A11), KingCyrus_14 (A2), Kipper29_15 (A6), Koduck_13 (A2), Koko_15 (A6), L5_13 (A2), LadyAstra_2 (AZ4), LadyBird_12 (A2), Landor_13 (A2), Larenn_13 (A2), LastResort_14 (A15), Leogania_14 (A2), Leviathan_14 (A2), LilTurb_14 (A2), Lilbunny_15 (A6), Lilleskat_13 (A9), 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), MiniMommy_2 (AZ4), Minispark_10 (A9), MissSwiss_2 (AZ1), 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), Onglai_12 (A9), Oofda_14 (A15), Orange_12 (A11), Origami_2 (AZ4), PackMan_13 (A9), PainterBoy_13 (A16), PandaPo_2 (AZ1), 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_15 (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), Reedo_2 (AZ1), Refuge_15 (A12), Remus_14 (A15), Retro23_12 (A2), Rifter_15 (A6), Roksolana_15 (A6), Rosalind_14 (A15), RyeScarlet_13 (A9), Sachima_13 (A9), Salz_12 (A11), Saskia_12 (A11), SemperFi_14 (A2), Serenity_11 (A2), ShakeItOph_2 (AZ4), 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), Sue2_2 (AZ1), 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_14 (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), VResidence_2 (AZ1), Vanisoa_11 (A9), VohminGhazi_15 (A6), VroomVroom_2 (AZ4), Waits_14 (A15), Warrior24_14 (A15), WeiHuaDA_17 (A2),

Whabigail7_14 (A2), WideWale_14 (A2), Wiks_15 (A6), Wolpertinger_11 (A11), WorldCup_10 (A9), WunderPhul_15 (A6), XianYue_12 (A2), Yokurt_15 (A6), Zaka_15 (A6), Zimmer_14 (A12), Zulu_15 (A6),

Start 104:
• Found in 144 of 3017 (4.8%) of genes in pham
• Manual Annotations of this start: 125 of 2715
• Called 88.9% of time when present
• Phage (with cluster) where this start called: ACFishhook_13 (A3), Aglet_13 (A3), AgronaGT15_13 (A3), Alatin_8 (CA), Alpacados_7 (CA), AngryOrchard_7 (CA), Anubis_15 (A3), AppleCloud_6 (CA), AugsMagnumOpus_15 (A3), Beauxregard13_13 (A3), Belenaria_8 (CA), Bigflo_13 (A3), Bonanza_8 (CA), Bradshaw_8 (CA), BreSam8_13 (A3), Bryce_8 (CA), BuzzBuzz_12 (A3), Bxz2_13 (A3), Calvinny_13 (A3), ClownCar_13 (A3), Colbster_13 (A3), CosmicSans_8 (CA), Croquant_14 (A3), Cullens_13 (A3), DaHudson_13 (A3), Daishi_12 (A3), Dieselweasel_13 (A3), Dinger_8 (CA), EpicPhail_13 (A3), Erik_8 (CA), Espica_8 (CA), Farber_13 (A3), Fernando_13 (A3), Gemma_13 (A3), GingkoMaracino_13 (A3), Gollum_8 (CA), Grif_13 (A3), Groupthink_14 (A3), Grub_13 (A3), Grum1_13 (A3), GtownJaz_13 (A3), Gwennie_13 (A3), Harlequin_8 (CA), HashRod_14 (A3), HaveUMetTed_14 (A3), Heliosoles_13 (A3), Hercules11_13 (A3), Hiro_8 (CA), JHC117_13 (A3), JenCasNa_13 (A3), JeppNRM_14 (A3), Jester_8 (CA), Jobu08_13 (A3), KADY_14 (A3), Kalb97_14 (A3), Kalnoky_14 (A3), Krishelle_8 (CA), LBerry_13 (A3), LarryKay_13 (A3), Lilith_13 (A3), Lillie_8 (CA), 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), Naiad_8 (CA), Nancinator_8 (CA), Natosaleda_8 (CA), OlanP_13 (A3), Ollie_13 (A3), P28Green_13 (A3), PGHhamlin_15 (A3), Partridge_8 (CA), Pawn_13 (A3), Pembroke_13 (A3), Penny1_13 (A3), PhailMary_7 (CA), PhishRPhriends_12 (A3), Phoebe_13 (A3), Phoxy_13 (A3), Phrankenstein_8 (CA), Phranny_14 (A3), PotatoSplit_14 (A3), PurpleHaze_13 (A3), RER2_1 (CA), Rasputin_8 (CA), Reba_14 (A3), RexFury_8 (CA), Rhodalysa_8 (CA), Rummer_13 (A3), Sabia_13 (A3), Sabinator_13 (A3), Shuman_8 (CA), Snickers_13 (A3), SoYo_13 (A3), SoilDragon_13 (A3), Soshari_15 (A3), Spike509_13 (A3), StCroix_8 (CA), Stagni_13 (A3), StepMih_13 (A3), Swann_8 (CA), TWAMP_8 (CA), Takoda_8 (CA), Taurus_13 (A3), Tiffany_13 (A3), TinyPebbles_13 (A3), UhSalsa_8 (CA), Vix_13 (A3), Watson_13 (A3), Wooldri_15 (A3), Yogi_8 (CA), Yoncess_8 (CA), Zetzy_12 (A3),

Start 105:
• Found in 16 of 3017 (0.5%) of genes in pham
• Manual Annotations of this start: 1 of 2715
• Called 6.2% of time when present
• Phage (with cluster) where this start called: Emotion_2 (AZ4),

Start 106:
• Found in 8 of 3017 (0.3%) of genes in pham
• Manual Annotations of this start: 2 of 2715
• Called 25.0% of time when present
• Phage (with cluster) where this start called: Anthony_11 (A20), FatCactus_10 (A20),

Start 107:
• Found in 2 of 3017 (0.1%) of genes in pham

• Manual Annotations of this start: 1 of 2715
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Kinmap_11 (A21),

Start 108:
• Found in 26 of 3017 (0.9%) of genes in pham
• Manual Annotations of this start: 24 of 2715
• Called 92.3% 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 110:
• Found in 5 of 3017 (0.2%) of genes in pham
• Manual Annotations of this start: 2 of 2715
• Called 40.0% of time when present
• Phage (with cluster) where this start called: Farewell_2 (AF), Sparky_2 (AF),

Start 111:
• Found in 3 of 3017 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 2715
• Called 33.3% of time when present
• Phage (with cluster) where this start called: MyraDee_9 (A18),

Start 112:
• Found in 17 of 3017 (0.6%) of genes in pham
• Manual Annotations of this start: 1 of 2715
• Called 5.9% of time when present
• Phage (with cluster) where this start called: Honk_2 (EH),

Start 113:
• Found in 48 of 3017 (1.6%) of genes in pham
• Manual Annotations of this start: 24 of 2715
• Called 52.1% of time when present
• Phage (with cluster) where this start called: Angelique_2 (CY1), BeeGee_2 (CY5), Bradissa_2 (CY1), BritBrat_2 (CY2), CarolAnn_2 (CV), 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), Petra_2 (CV), 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 117:
• Found in 59 of 3017 (2.0%) of genes in pham
• Manual Annotations of this start: 12 of 2715
• Called 22.0% 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), ExplosioNervosa_13 (A9), Klodlith_12 (A9), LoneWolf_13 (A9), Modragons_2 (F1), Phaeder_13 (A9), Pioneer_13 (A9), SheaKeira_12 (A9), Yecey3_12 (A9),

Start 119:
• Found in 13 of 3017 (0.4%) of genes in pham
• Manual Annotations of this start: 3 of 2715
• Called 30.8% of time when present
• Phage (with cluster) where this start called: Banquo_11 (CU1), Dardanus_9 (CU3), Gsput1_5 (CU2), TinaLin_10 (CU1),

Start 122:
• Found in 27 of 3017 (0.9%) of genes in pham
• Manual Annotations of this start: 16 of 2715
• 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 123:
• Found in 77 of 3017 (2.6%) of genes in pham
• Manual Annotations of this start: 9 of 2715
• Called 11.7% of time when present
• Phage (with cluster) where this start called: Beemo_13 (A9), EmyBug_13 (A9), Fury_33 (CR5), HomeFry_30 (CR5), Phonnegut_13 (A9), Pleakley_33 (CR5), Qobbit_13 (A9), Scherzo_13 (A9), Scuba_33 (CR5),

Start 124:
• Found in 13 of 3017 (0.4%) of genes in pham
• Manual Annotations of this start: 12 of 2715
• Called 100.0% 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 125:
• Found in 15 of 3017 (0.5%) of genes in pham
• No Manual Annotations of this start.
• Called 6.7% of time when present
• Phage (with cluster) where this start called: Tailonex_9 (singleton),

Start 126:
• Found in 431 of 3017 (14.3%) of genes in pham
• Manual Annotations of this start: 206 of 2715
• Called 51.5% 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), 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), Jecs_2 (DB), 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), MagicMan_2 (DB), Mahavrat_2 (F1), Mandlovu_2 (F1), Mantra_2 (F1), Maravista_2 (F1), Marietta_26 (CR4), Martik_2 (F1), Maselop_28 (CR6), Mattes_2 (F1), Medindi_2 (F1), Melissauren88_2 (F1), MerCougar_25 (CR2), MilanaBonita_3 (F1), MilleniumForce_3 (F1), MinionDave_3 (F1), Minnie_2 (F1), MisterCuddles_2 (F1), Moonbeam_2 (F1), Ms6_2 (F1), MulchSalad_2 (F7), Mutaforma13_2 (F1), NadineRae_24 (CR4), Nemo27_11 (A4), 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), Opie_2 (DB), 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), Schnabeltier_2 (DB), 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), TaronosaurasRx_2 (DB), 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), ZAYM_2 (DB), Zerg_2 (F1), Zizzle_2 (F1),

Start 127:
• Found in 27 of 3017 (0.9%) of genes in pham
• Manual Annotations of this start: 26 of 2715
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Abscondus_29 (CQ1), Aphelion_30 (CQ1), Bachita_32 (CQ1), Bantam_12 (DL), BrutonGaster_18 (CQ2), Cardigan_29 (DD), ClubL_30 (CQ1), Cucurbita_32 (CQ1), Culver_30 (CQ1), Daredevil_12 (DL), DatBoi_13 (DL), Dusty_29 (CQ1), Engineer_31 (CQ1), Geeche_29 (CQ1), Lozinak_30 (CQ1), Miskis_28 (CQ1), Mollymur_13 (DL), Norvs_31 (CQ1), OneUp_24 (CQ2), PhinkBoden_30 (CQ1), Samy_5 (singleton), Smoothie_31 (CQ1),

SpeedDemon_130 (DL), Toniann_30 (CQ1), Towmatter_11 (DL), WilliamBoone_30 (CQ1), Yvonnetastic_28 (DD),

Start 128:
• Found in 24 of 3017 (0.8%) of genes in pham
• Manual Annotations of this start: 3 of 2715
• Called 12.5% of time when present
• Phage (with cluster) where this start called: Evanesce_5 (Q), Hadrien_5 (Q), Luke_5 (Q),

Start 130:
• Found in 9 of 3017 (0.3%) of genes in pham
• Manual Annotations of this start: 2 of 2715
• Called 22.2% of time when present
• Phage (with cluster) where this start called: Kabluna_27 (CR2), NosilaM_27 (CR2),

Start 134:
• Found in 118 of 3017 (3.9%) of genes in pham
• Manual Annotations of this start: 105 of 2715
• Called 96.6% of time when present
• Phage (with cluster) where this start called: Adora_2 (CZ4), Annalisa_3 (CZ4), Arib1_2 (P1), Atcoo_2 (P1), Attis_2 (CZ2), Bartholomew_2 (P1), BaxterFox_2 (CZ3), Beenie_3 (CZ4), Bhagsy_2 (P1), BigNuz_2 (P4), Bjanes7_2 (CZ2), Bogie_2 (P1), BronnyJr_2 (P1), Brusacoram_2 (P1), Bunnies_2 (P1), CactusJack_2 (P1), Camster_2 (P1), Chubbello_2 (P1), Clap_2 (CZ2), Clark_3 (CZ4), Cynthia_2 (CZ2), Denise_2 (CZ5), DobbysSock_2 (CZ4), Dolores_3 (CZ4), Donovan_2 (P1), Dorito_2 (CZ4), Dynamo_2 (P1), Easley_3 (CZ4), Ebert_2 (CZ2), EdnaMode_2 (CZ2), Etoile_2 (P1), FirstPlacePfu_2 (P1), Fishburne_2 (P1), FroggyToad_2 (CZ2), GaloreK_2 (P1), Gavriela_2 (P1), GemG_2 (CZ2), Gizermo_2 (CZ2), Glaske_2 (P1), GreaseLightnin_2 (P1), HUHilltop_2 (P1), Haley23_2 (CZ2), Hortense_2 (CZ4), Howe_2 (CZ4), Invectra_3 (CZ4), JCole_2 (CZ2), Jalleen_2 (CZ2), Jebeks_2 (P1), Jung_2 (P1), Juniormint_2 (P1), Kari_2 (P1), KilKor_2 (P1), Ksquared_2 (P1), Lamberg_2 (CZ2), Langerak_2 (P1), LordFarquaad_2 (CZ2), Majeke_2 (P1), Malithi_2 (P1), Mangethe_2 (P1), Matteo_2 (CZ2), Megiddo_2 (P1), MichaelScott_3 (CZ4), Mocha12_2 (CZ2), Nazo_2 (P4), Necropolis_2 (P1), Nettuno_2 (CZ2), Ohgeesy_2 (CZ), Oregano_2 (CZ4), PantheRoc_2 (CZ3), PeanutPie_2 (P1), Phalm_2 (P1), Phayonce_2 (P5), Phegasus_2 (P1), Phineas_2 (P1), PhriskyACE_2 (CZ4), Pickett_2 (CZ2), Polkaroo_2 (P1), Powerball_2 (CZ4), Purky_2 (P6), Pygmy_2 (P1), Rizz_4 (CZ4), Sahara_2 (CZ2), Samman98_3 (CZ4), Savage_2 (CZ2), Sekhmet_3 (CZ4), Shipwreck_2 (P1), Shlim410_2 (CZ4), Sidious_2 (CZ7), SoilAssassin_2 (CZ2), Sonah_2 (P1), Sproutie_2 (CZ2), StevieRay_2 (P1), StressBall_2 (P1), Suerte_2 (CZ4), Techage_2 (P1), Thespis_2 (P1), Thimann_3 (CZ4), ThulaThula_2 (P5), Tortellini_2 (P2), TuertoX_2 (CZ2), Tuti_3 (CZ4), Twinkle_2 (CZ4), Vasanti_2 (CZ2), Venti_2 (P1), Vidya_2 (P1), Whack_2 (singleton), Whiteclaw_2 (CZ2), Willsammy_2 (P1), WinkNick_3 (CZ4), Xavia_2 (P3), Yeet412_2 (CZ2), Yeezy_2 (CZ3), Yinzer_2 (CZ2), Zilizebeth_2 (P1),

Start 135:
• Found in 2 of 3017 (0.1%) of genes in pham
• Manual Annotations of this start: 2 of 2715
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Juicebox_3 (singleton), Schmidt_5 (CU4),

Start 138:
• Found in 8 of 3017 (0.3%) of genes in pham
• Manual Annotations of this start: 6 of 2715
• 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 139:
• Found in 86 of 3017 (2.9%) of genes in pham
• Manual Annotations of this start: 1 of 2715
• Called 1.2% of time when present
• Phage (with cluster) where this start called: Catfish_6 (CU5),

Start 141:
• Found in 10 of 3017 (0.3%) of genes in pham
• Manual Annotations of this start: 6 of 2715
• Called 60.0% of time when present
• Phage (with cluster) where this start called: AuntGwenStacy_9 (Y), Bipper_9 (Y), Cracklewink_9 (Y), Faiyaz_9 (Y), Hilltopfarm_9 (Y), Typha_9 (Y),

Start 142:
• Found in 7 of 3017 (0.2%) of genes in pham
• Manual Annotations of this start: 1 of 2715
• Called 14.3% of time when present
• Phage (with cluster) where this start called: Apricot_2 (DN3),

Start 147:
• Found in 197 of 3017 (6.5%) of genes in pham
• Manual Annotations of this start: 3 of 2715
• Called 1.5% of time when present
• Phage (with cluster) where this start called: AlpineSix_2 (F1), OfUltron_2 (F1), Seabastian_2 (F1),

Start 148:
• Found in 2 of 3017 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 2715
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Attoomi_3 (singleton), GMA4_2 (singleton),

Start 149:
• Found in 101 of 3017 (3.3%) of genes in pham
• Manual Annotations of this start: 70 of 2715
• Called 91.1% of time when present
• Phage (with cluster) where this start called: Acquire49_4 (L1), Appletree2_4 (L1), Archie_4 (L2), AvadaKedavra_4 (L1), Baoshan_3 (L2), Bazzle_4 (L2), Bellis_5 (L3), BigCheese_4 (L2), BobsGarage_4 (L2), BourbonZero_4 (L3), BrainDrainer_4 (L4), Breezona_4 (L2), Bromden_4 (L4), 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), Faith1_4

(L2), FarmResident_4 (L4), Finemlucis_4 (L2), Finnry_5 (L3), Gabriela_4 (L2), Gardann_4 (L2), GuuelaD_4 (L2), Hafay_4 (L2), Halena_4 (L1), Hiraya_4 (L2), Itos_4 (L2), Jobypre_5 (L3), Jubie_5 (L3), Kahlid_4 (L2), Kingsolomon_5 (L3), KirDoubleO7_3 (L3), Kropertea_4 (L4), Krypton555_5 (L3), Lewan_4 (L2), LilDestine_4 (L2), LiyuLake_5 (L3), Loadrie_4 (L2), Lolly9_5 (L3), Lumos_5 (L3), Lynnae_4 (L2), MAckerman_4 (L1), Miley16_4 (L2), MiniLon_5 (L3), MiniMac_5 (L3), MkaliMitinis3_4 (L2), Molivier_4 (L2), Moostard_5 (L3), MsGreen_5 (L3), Netyap_4 (L2), Nicholas_5 (L3), Nicholasp3_4 (L2), OverPar_4 (L2), PYPDinur_4 (L4), Quby_4 (L4), Red305_5 (L3), Rose5_4 (L1), Rossetti_4 (L2), Rumpelstiltskin_4 (L2), Samty_5 (L3), Sarshaun_4 (L2), Sheng711_4 (L4), Silverleaf_4 (L1), Snenia_5 (L3), SoJulia_4 (L2), Soap141_4 (L2), Tourach_4 (L2), TriFive_5 (L3), Tyson_4 (L1), Underpass_4 (L2), Vetrix_4 (L2), Wamburgrxpress_4 (L1), Whirlwind_6 (L3), Wigglewiggle_4 (L2), Wilder_4 (L2), Winky_4 (L2), Wyatt2_4 (L1), Zakai_4 (L2), Zaria_4 (L1), ZhongYanYuan_3 (L2),

Start 150:
• Found in 4 of 3017 (0.1%) of genes in pham
• Manual Annotations of this start: 4 of 2715
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Arianna_3 (EO), Colleen_3 (EO), Poushou_3 (EO), TouchMeNot_3 (EO),

Start 154:
• Found in 24 of 3017 (0.8%) of genes in pham
• Manual Annotations of this start: 1 of 2715
• Called 12.5% of time when present
• Phage (with cluster) where this start called: JuJu_2 (CV), Mbo4_2 (singleton), Phlei_8 (A13),

Start 155:
• Found in 189 of 3017 (6.3%) of genes in pham
• Manual Annotations of this start: 82 of 2715
• Called 44.4% of time when present
• Phage (with cluster) where this start called: Albanese_5 (AK), Aledel_2 (AK), AppleCider_5 (AK), Beethoven_5 (AK), Bennie_2 (AK), BigMack_2 (AK), Bodacious_2 (AK), CallieOMalley_5 (AK), Calm_4 (L1), Canowicakte_5 (AK), Carpal_5 (AK), ChewChew_2 (AK), Cholula_5 (AK), Chridison_2 (AK), Christian_2 (AK), CicholasNage_4 (L1), CristinaYang_2 (AK), Daiboju_2 (AK), DanBing_3 (L2), 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), JoeDirt_4 (L1), KingBob_2 (AK), Kittykat_2 (AK), Korra_5 (AK), Lasagna_2 (AK), LeBron_4 (L1), 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), OhShagHennessy_4 (L1), OurGirlNessie_2 (AK), Oxynfrius_5 (AK), PartyCup_5 (AK), PitaDog_2 (AK), Poochiewood_4 (L1), Potatoes_5 (AK), Preamble_2 (AK), Pterodactyl_2 (AK), Pumancara_2 (AK), RAP15_5 (AK), RcigaStruga_5 (AK), Riovina_2 (AK), Riverdale_5 (AK), Rozby_5 (AK), Savage2526_5 (AK), Sergei_2 (AK), Supakev_2 (AK), Suppi_5 (AK), TattModd_5 (AK), Temper16_2 (AK), UPIE_4 (L1), Urla_2 (AK), Vallejo_5 (AK), Vulture_2 (AK), Wawa_5 (AK), Wayne_5 (AK), WonderBoy_2 (AK), Zorro_5 (AK),

Start 159:
• Found in 18 of 3017 (0.6%) of genes in pham
• No Manual Annotations of this start.
• Called 5.6% of time when present
• Phage (with cluster) where this start called: TPA4_2 (singleton),

Start 160:
• Found in 15 of 3017 (0.5%) of genes in pham
• Manual Annotations of this start: 5 of 2715
• Called 33.3% of time when present
• Phage (with cluster) where this start called: Anekin_2 (AY), ChewyVIII_38 (singleton), MUWow_2 (AY), Mapleville_2 (AY), Phrank15_2 (AY),

Start 161:
• Found in 2 of 3017 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 2715
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Kumao_13 (singleton),

Start 163:
• Found in 44 of 3017 (1.5%) of genes in pham
• Manual Annotations of this start: 37 of 2715
• Called 86.4% of time when present
• Phage (with cluster) where this start called: Archis_2 (CV), Azula_2 (CV), Barco_2 (CV), Begonia_2 (CV), BlingBling_2 (CV), Blino_2 (CV), Blueberry_2 (CV), CaptainKirk2_2 (CV), CheeseSpider_2 (CV), Delian_2 (CV), Fenry_2 (CV), Frokostdame_2 (CV), Gambino_2 (CV), Guacamole_2 (CV), Hitter_2 (CV), Jalammah_2 (CV), JasperJr_2 (CV), KappaFarmDelta_2 (CV), Lysidious_2 (CV), Malachai_2 (CV), Melba_2 (CV), Mellie_2 (CV), MintFen_2 (CV), MissRona_2 (CV), Murp_2 (CV), Obliviate_2 (CV), PhrostedPhlake_2 (CV), Pipp_2 (CV), Samba_2 (CV), Soilmate_2 (CV), UmaThurman_2 (CV), Utz_2 (CV), Walrus_2 (CV), Wisp_2 (CV), Wocket_2 (CV), Zarbodnamra_2 (CV), ZiggyZoo_2 (CV), Zilla_2 (CV),

Start 164:
• Found in 75 of 3017 (2.5%) of genes in pham
• Manual Annotations of this start: 12 of 2715
• Called 16.0% of time when present
• Phage (with cluster) where this start called: Antrice_3 (AS2), Atlantica_2 (AS3), Basilisk_3 (AS1), Brynnie_3 (AS1), Coral_3 (AS2), Cygnet_3 (AS2), HamCheese_2 (AS3), LittleTokyo_3 (AS2), Lunar_4 (AS2), Melons_4 (AS2), Polka_3 (AS2), Zhuangyuan_4 (AS2),

Start 165:
• Found in 5 of 3017 (0.2%) of genes in pham
• Manual Annotations of this start: 5 of 2715
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Azrael100_25 (V), Cosmo_26 (V), EniyanLRS_23 (V), MaryV_26 (V), Wildcat_26 (V),

Start 166:
• Found in 13 of 3017 (0.4%) of genes in pham
• Manual Annotations of this start: 2 of 2715

• Called 15.4% of time when present
• Phage (with cluster) where this start called: Spooks_49 (BT), Success_50 (BT),

Start 167:
• Found in 1 of 3017 (0.0%) of genes in pham
• Manual Annotations of this start: 1 of 2715
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Kromp_2 (singleton),

Start 169:
• Found in 5 of 3017 (0.2%) of genes in pham
• No Manual Annotations of this start.
• Called 40.0% of time when present
• Phage (with cluster) where this start called: Gallop_2 (ES), Spartan_2 (ES),

Start 173:
• Found in 11 of 3017 (0.4%) of genes in pham
• Manual Annotations of this start: 9 of 2715
• Called 90.9% 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 175:
• Found in 18 of 3017 (0.6%) of genes in pham
• Manual Annotations of this start: 14 of 2715
• Called 100.0% of time when present
• Phage (with cluster) where this start called: BBQValindra_2 (DB), BackstagePass_2 (DB), Bowser_2 (DB), Bunker_2 (DB), Chipko_2 (DB), Coriander_2 (DB), DirtyBoi_2 (DB), Dmitri_2 (DB), Doggs_2 (DB), Eyes_2 (DB), GEazy_2 (DB), HannahD_2 (DB), Hedwig_2 (DB), Kiko_2 (DB), Moonflower_2 (DB), NaLuna_2 (DB), PatriciaStar_2 (DB), RayTheFireFly_2 (DB),

Start 176:
• Found in 147 of 3017 (4.9%) of genes in pham
• Manual Annotations of this start: 83 of 2715
• Called 69.4% 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 180:
• Found in 32 of 3017 (1.1%) of genes in pham
• Manual Annotations of this start: 11 of 2715
• Called 43.8% of time when present
• Phage (with cluster) where this start called: ArchiDore_2 (DW), DumpsterDude_2 (DW), Fairfaxidum_2 (CV), Halloweekend_4 (FF), MakCheese_2 (DW), Malibo_2 (DW), PCoral7_2 (CV), PrincePatrick_2 (CV), Ruthy_2 (DW), Sprinklemunch_2 (DW), Toast_2 (CV), William_2 (CV), Yonex_6 (FF), Zodiariah_2 (DW),

Start 181:
• Found in 27 of 3017 (0.9%) of genes in pham
• Manual Annotations of this start: 21 of 2715
• Called 88.9% 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 182:
• Found in 36 of 3017 (1.2%) of genes in pham
• Manual Annotations of this start: 18 of 2715
• Called 75.0% of time when present
• Phage (with cluster) where this start called: AdoptaAdorbs_2 (AS3), AlexMinion_2 (AS3), AmiCi24_2 (AS3), Amphitrite_2 (AS3), Andrew_3 (AS3), Azaz_2 (AS3), Babushka_2 (AS3), Camara_2 (AS3), CarefulCloud_2 (ER), CyranoPS_2 (ER), DanHam62_2 (AS3), Fingolfin_2 (AS3), Flashwig_2 (ER), Glotell_2 (AS3), HorseRider_2 (ER), Jalloh_2 (ER), Juno112_2 (AS3), KHumphrey_2 (AS3), Laphuphu24k_2 (AS3), Leona_2 (AS3), Oppalora_2 (AS3), PhluffyCoco_2 (AS3), Rattail_2 (AS3), RedFox_2 (AS3), Renna12_3 (AS3), StuartMinion_2 (AS3), TailX7_2 (ER),

Start 184:
• Found in 167 of 3017 (5.5%) of genes in pham
• Manual Annotations of this start: 3 of 2715
• Called 2.4% of time when present
• Phage (with cluster) where this start called: Byougenkin_2 (F1), Darwin_15 (EN), Mwanjiwa_2 (F1), Rey_18 (M2),

Start 186:
• Found in 8 of 3017 (0.3%) of genes in pham
• Manual Annotations of this start: 2 of 2715

• Called 37.5% of time when present
• Phage (with cluster) where this start called: Dubu_2 (BJ), LisoBros_2 (FP), phiSASD1_22 (BJ),

Start 187:
• Found in 4 of 3017 (0.1%) of genes in pham
• Manual Annotations of this start: 2 of 2715
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Altostratus_2 (FS), Khuang_2 (FS),

Start 188:
• Found in 6 of 3017 (0.2%) of genes in pham
• Manual Annotations of this start: 4 of 2715
• Called 66.7% of time when present
• Phage (with cluster) where this start called: BaileyBlu_2 (FP), CallinAllBarbz_2 (FP), GrimEater_2 (FP), Jankie_2 (FP),

Start 191:
• Found in 9 of 3017 (0.3%) of genes in pham
• Manual Annotations of this start: 6 of 2715
• Called 66.7% 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 192:
• Found in 1 of 3017 (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: WorMMAs_2 (UNK),

Start 193:
• Found in 187 of 3017 (6.2%) of genes in pham
• Manual Annotations of this start: 146 of 2715
• Called 80.7% of time when present
• Phage (with cluster) where this start called: Abelaine_3 (EE), Alucard_3 (EE), Anseraureola_3 (EE), Aries55_3 (EE), Astro16_3 (EE), Avvas_3 (EE), Azizam_3 (EE), Aztec_3 (EE), Baine_3 (EE), BarBear_3 (EE), Barebow_2 (singleton), Belthelas_3 (EE), Bialota_2 (CZ1), BinkBonk_3 (EE), Bintii_3 (EE), Biscayne_3 (EE), Bodhi17_3 (EE), BonaeVitae_3 (EE), BoomRoasted_3 (EE), Bradley2_3 (EE), Bri160_3 (EE), BrokMonster_3 (EE), Bullzi2019_3 (EE), Burgy_3 (EE), BurtonThePup_3 (EE), Cayde6_3 (EE), Charbie_3 (EE), Chatham_3 (EE), Cheesecake_3 (EE), Ciel_3 (EE), Clownery_3 (EE), Concrete_3 (EE), DaftyDuck_3 (EE), Danimal_3 (EE), Danno_3 (EE), DirtPie_3 (EE), Dongwon_3 (EE), Dooby_3 (EE), Douggie_3 (EE), Duggle_3 (EE), ELee24_3 (EE), EdElric_3 (EE), Efeko_4 (EE), Eightball_3 (EE), Ekko14_3 (EE), Elspeth_3 (EE), Erin_3 (EE), Gabbspett_3 (EE), Gardevoir_3 (EE), Gillker_3 (EE), Godfather_3 (EE), GoldenBlanche_3 (EE), Goobery_3 (EE), Goulash_3 (EE), Grayscar_3 (EE), HarperAnne_3 (EE), HeadMave_3 (EE), Hernandez44_3 (EE), Horacetta_3 (EE), Hulk_3 (EE), IzzyPants24_3 (EE), JRok_3 (EE), Jahseh_3 (EE), JaimeB_3 (EE), Jannah_3 (EE), Jella_3 (EE), Jerky_3 (EE), JoBros_3 (EE), JooneeDee_3 (EE), Josuke_3 (EE), Kaijohn_3 (EE), KayPaulus_3 (EE), Kevanna_3 (EE), KillerTomato_3 (EE), Kojax4_3 (EE), KyriosFaba_3 (EE), LaviMo_3 (EE), Leafy_3 (EE), LemonPepper_3 (EE), LionelHutz_3 (EE), Livingwater_3 (EE), Loca_3 (EE), Lola20_3 (EE), Lunatic_3 (EE),

Luxx_3 (EE), Madebyisha_3 (EE), Majesty_3 (EE), ManAs_3 (EE), Maneater_3 (EE), Marichuy_3 (EE), MasterPitts_3 (EE), McShie_3 (EE), MelBee03_3 (EE), Miaurora_3 (EE), Minima_3 (EE), MirimarMandM_3 (EE), MrGreen_3 (EE), Myram_3 (EE), Naby_3 (EE), Namsahir_3 (EE), NeumannU_3 (EE), Niffler_3 (EE), Nobel_3 (EE), Noelani_3 (EE), Oaklynn_3 (EE), Octopus_3 (EE), OdetoJoy_3 (EE), Otwor_3 (EE), Owens_3 (EE), PaoPu_3 (EE), Picconator_3 (EE), Picnic_3 (EE), PoRanda_3 (EE), Pondwater_3 (EE), Publix_3 (EE), Puddles3_3 (EE), PuffyCat_3 (EE), Quaker_3 (EE), Rhogar_3 (EE), Rhysand_3 (EE), Rira_3 (EE), RoscoWindex_3 (EE), Sachet_3 (EE), Sage7_3 (EE), SantasSleigh_3 (EE), Sara_3 (EE), Scamander_3 (EE), Scrunchy_3 (EE), SeaWolves_3 (EE), Sippinontea_3 (EE), Slentz_3 (EE), Slizam_3 (EE), Snuffles_4 (EE), Stem_3 (EE), TeddyBoy_3 (EE), TimoTea_3 (EE), TinyTruffula_3 (EE), TomBrady12_3 (EE), Toxicola_3 (EE), Trackstar_3 (EE), Trireme_3 (EE), Tyrellus_3 (EE), Upsilon_3 (EE), Vanisius_3 (EE), VitulaEligans_3 (EE), Witch_3 (EE), Wolfpack_3 (EE), Yasuo_3 (EE), YertPhresh_3 (EE), Yubaba_3 (EE), Zahlia_3 (EE),

Start 194:
• Found in 24 of 3017 (0.8%) of genes in pham
• Manual Annotations of this start: 13 of 2715
• Called 66.7% 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 195:
• Found in 8 of 3017 (0.3%) of genes in pham
• Manual Annotations of this start: 7 of 2715
• 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 196:
• Found in 19 of 3017 (0.6%) of genes in pham
• Manual Annotations of this start: 1 of 2715
• Called 5.3% of time when present
• Phage (with cluster) where this start called: Elfy_2 (FP),

Start 197:
• Found in 28 of 3017 (0.9%) of genes in pham
• Manual Annotations of this start: 23 of 2715
• Called 89.3% of time when present
• Phage (with cluster) where this start called: AllBusiness_5 (FF), BigSherm_6 (FF), CocoCinnamon_5 (FO), Cole_4 (FF), Dirtdigger_5 (FF), Donatella_5 (FF), Elesar_5 (FF), GoodLuckBabe_6 (FF), Guinevere_6 (FF), Gusanita_4 (FF), Ichiang_4 (FF), IsHungry_6 (FF), Julie_6 (FF), Kihatsu_7 (FF), Lenoxika_6 (FF), MillySue_6 (FF), Nandita_6 (FF), Popper_4 (FF), QuinnAvery_6 (FF), Ryan_6 (FF), Saintcarr_5 (FF), Schism_6 (FF), ToastyOats_7 (FF), Toodles_5 (FF), Zaheer_6 (FF),

Start 198:
• Found in 151 of 3017 (5.0%) of genes in pham

• Manual Annotations of this start: 6 of 2715
• Called 5.3% of time when present
• Phage (with cluster) where this start called: Cazares_3 (EE), MauiIvory_3 (EE), NoSwimming_4 (FO), RootBeer_2 (FA), Scotia_4 (FO), Shambre1_3 (singleton), TlaliMex_3 (EE), Yami_3 (EE),

Start 200:
• Found in 20 of 3017 (0.7%) of genes in pham
• Manual Annotations of this start: 5 of 2715
• 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 202:
• Found in 24 of 3017 (0.8%) of genes in pham
• Manual Annotations of this start: 4 of 2715
• Called 16.7% of time when present
• Phage (with cluster) where this start called: Adelaide_2 (EP), Bran_2 (EP), Dina_2 (EP), Stiles_2 (EP),

Start 204:
• Found in 19 of 3017 (0.6%) of genes in pham
• Manual Annotations of this start: 1 of 2715
• Called 10.5% of time when present
• Phage (with cluster) where this start called: BFK20_ORF2 (singleton), Kimchi1738_12 (EN),

Start 205:
• Found in 26 of 3017 (0.9%) of genes in pham
• Manual Annotations of this start: 7 of 2715
• Called 26.9% of time when present
• Phage (with cluster) where this start called: Dismas_3 (EB), Kamdara_3 (EB), Kieran_3 (EB), Lederberg_2 (EP), SamW_2 (EP), StAB_2 (EP), Troy_2 (EP),

Start 206:
• Found in 154 of 3017 (5.1%) of genes in pham
• Manual Annotations of this start: 29 of 2715
• Called 21.4% of time when present
• Phage (with cluster) where this start called: Agueybana_2 (CZ1), AlumE_2 (CZ1), Antonio_2 (CZ1), BatStarr_2 (CZ1), Bosnia_2 (CZ1), BoyNamedSue_2 (CZ1), Bunnybear_2 (CZ), Dillpickles_2 (CZ1), Elener_3 (singleton), Eudoria_2 (CZ1), Eviarto_2 (CZ1), Herod_2 (CZ1), Hugley_2 (CZ1), Hyzer_2 (CZ1), Kita_2 (CZ1), Madavieve_2 (CZ1), Madeline_2 (CZ1), Manasvini_2 (CZ1), Maridalia_2 (CZ1), Neobush_2 (CZ1), Nymphadora_2 (CZ1), Pepperoni_2 (CZ), Polly_2 (CZ1), RavenCo17_2 (CZ8), 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 209:
• Found in 2 of 3017 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 2715
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Mcklovin_3 (CZ4),

Start 211:
• Found in 152 of 3017 (5.0%) of genes in pham
• Manual Annotations of this start: 88 of 2715
• Called 60.5% of time when present
• Phage (with cluster) where this start called: Abigail_3 (EB), Akino08_3 (EB), Albedo_3 (EB), Albright_3 (EB), Anatole_3 (BV), AnnaLie_4 (EB), Armstrong_2 (EB), Arroyo_4 (EB), AvGardian_3 (EB), Avocadoman_3 (EB), AylexOG_4 (EB), B3_3 (BV), BAjuniper_3 (EB), BabyDaisy_4 (EB), BabyYoda_3 (EB), Bachaco_3 (EB), BelmontSKP_4 (EB), Bengal_3 (EB), BenitoAntonio_8 (AM), 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), 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), Mooshroom_8 (AM), 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 212:
• Found in 22 of 3017 (0.7%) of genes in pham
• Manual Annotations of this start: 5 of 2715
• Called 22.7% of time when present
• Phage (with cluster) where this start called: Agamotto_6 (FR), Audell_7 (FR), LastNadiia_7 (FR), TMaxx_4 (FR), TripleC_7 (FR),

Start 214:
• Found in 17 of 3017 (0.6%) of genes in pham
• Manual Annotations of this start: 4 of 2715
• Called 41.2% of time when present
• Phage (with cluster) where this start called: Daddyjeff_12 (JA), PFR1_02 (BX), PFR2_02 (BX), Rainydai_7 (BI4), Regigigas_7 (BI4), Sweetclover_13 (JA), Yotsuba_12 (JA),

Start 215:
• Found in 13 of 3017 (0.4%) of genes in pham
• Manual Annotations of this start: 6 of 2715
• Called 84.6% of time when present
• Phage (with cluster) where this start called: AnnabelLee_4 (FR), CardboardBox_4 (FR), ChamoyPickle_4 (FR), ChipsNGuac_4 (FR), Ezurina_3 (FR), Gerri43_4 (FR), Makima_5 (FR), Mireles_4 (FR), Neuvillette_4 (FR), Roberts_4 (FR), Studio_4 (FR),

Start 216:
• Found in 4 of 3017 (0.1%) of genes in pham
• Manual Annotations of this start: 2 of 2715

• Called 50.0% of time when present
• Phage (with cluster) where this start called: Count_11 (EL), Ditters_7 (BI2),

Start 217:
• Found in 451 of 3017 (14.9%) of genes in pham
• Manual Annotations of this start: 209 of 2715
• Called 55.7% 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), BobaPhett_2 (F1), 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), Enzomatic_2 (F1), Esketit_8 (BI1), Espio_7 (BI1), Fancypants_2 (F1), 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 (BI5), 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_17 (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), Min1_37 (singleton), 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), Polo2Bam_2 (F1), Popy_7 (BI1), Powelldog_7 (AW), ProfFrink_8 (AW), Qui_16 (FK), Raunak_8 (AW), RavenPuff_6 (BI2), Remlit_9 (AU6), 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), SeaLumen_2 (F1), 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 219:
• Found in 201 of 3017 (6.7%) of genes in pham
• Manual Annotations of this start: 2 of 2715
• Called 1.0% of time when present
• Phage (with cluster) where this start called: AddiRose_12 (JA), Serenabean_12 (JA),

Start 221:
• Found in 10 of 3017 (0.3%) of genes in pham
• Manual Annotations of this start: 5 of 2715
• Called 50.0% of time when present
• Phage (with cluster) where this start called: CurlyFries_6 (CF), Madraxi_10 (CF), RegnumDei_6 (CF), SFuller_9 (CF), Shagrat_8 (CF),

Start 224:
• Found in 171 of 3017 (5.7%) of genes in pham
• Manual Annotations of this start: 17 of 2715
• Called 12.9% of time when present
• Phage (with cluster) where this start called: Abidatro_3 (AS1), Amanises_4 (AS1), Chickaboom_2 (AS1), Chicken_3 (AS1), Eesa_3 (AS1), ElJefes_3 (CT), Galaxy_3 (AS1), Gravel_4 (AS1), Jamun_3 (AS1), KendraB23_4 (AS1), Niblet_3 (AS1), Orcanus_3 (AS1), Pelletreau_4 (AS1), Ruchi_3 (AS1), SheckWes_3 (CT), Shen_4 (AS1), TaylorSipht_3 (AS1), Toad24_4 (AS1), Vulpecula_3 (AS1), Westrich_4 (AS1), WileyE_2 (AS1), Zixiang_3 (AS1),

Start 225:
• Found in 5 of 3017 (0.2%) of genes in pham
• Manual Annotations of this start: 1 of 2715
• Called 40.0% of time when present
• Phage (with cluster) where this start called: Jflix2_8 (CF), REQ1_66 (CF),

Start 229:
• Found in 3 of 3017 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 2715
• Called 33.3% of time when present
• Phage (with cluster) where this start called: Sbash_2 (I2),

Start 230:
• Found in 2 of 3017 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 2715

• Called 50.0% of time when present
• Phage (with cluster) where this start called: Chymera_2 (singleton),

Start 231:
• Found in 279 of 3017 (9.2%) of genes in pham
• Manual Annotations of this start: 26 of 2715
• Called 10.4% of time when present
• Phage (with cluster) where this start called: Aggie_2 (N), Andies_2 (N), Bosection6_2 (N), Chewbacca_2 (N), EGUnicorn_2 (N), Fulbright_2 (N), Impisi_2 (N), Jamie19_2 (N), Kevin1_2 (N), Kuleana_3 (AS2), MegTheThird_11 (A9), Nenae_2 (N), Panchino_2 (N), Parmesanjohn_2 (N), PhancyPhin_2 (N), Philonius_2 (N), Phrann_2 (N), Pipsqueaks_2 (N), Raymond7_2 (N), Rebel_2 (N), Rubeelu_2 (N), Schnauzer_2 (N), Silvafighter_2 (N), SkinnyPete_2 (N), SpongeBob_2 (N), Tortoise12_2 (N), VWB_2 (BA), Xeno_2 (N), Xerxes_2 (N),

Start 232:
• Found in 29 of 3017 (1.0%) of genes in pham
• Manual Annotations of this start: 12 of 2715
• Called 62.1% of time when present
• Phage (with cluster) where this start called: Ariel_9 (J), Bobby_11 (J), BronnyJames_6 (J), Courthouse_10 (J), Gonephishing_10 (J), Hannaconda_7 (J), KashFlow_4 (J), Klein_10 (J), Lucky2013_10 (J), MiaZeal_10 (J), Nekros_8 (J), Nibley_6 (J), Porcelain_10 (J), Rearden_7 (J), Shaboozey_6 (J), Squint_10 (J), Superphikiman_10 (J), Wanda_10 (J),

Start 234:
• Found in 58 of 3017 (1.9%) of genes in pham
• Manual Annotations of this start: 29 of 2715
• Called 53.4% of time when present
• Phage (with cluster) where this start called: Butters_2 (N), Carcharodon_2 (N), Charlie_2 (N), Cubone_2 (N), Duplicity_2 (N), Gex_2 (N), Hanako_2 (N), Journey_2 (N), Kudefre_12 (DU1), LilJank_12 (DU2), Magsby_2 (N), Melville_2 (N), MichelleMyBell_2 (N), Neville_12 (DU2), Octobien14_13 (DU1), Phloss_2 (N), Purgamenstris_2 (N), Rabbitrun_14 (DU2), Redi_2 (N), Scitech_2 (N), Sephiroth_13 (DU1), ShrimpFriedEgg_2 (N), Shweta_2 (N), Silvy_2 (N), Smurph_2 (N), Snekmaggedon_2 (N), Spinach_2 (N), Syleon_13 (DU1), Tapioca_2 (N), Tessdabest_1 (N), Trax_12 (DU2),

Start 235:
• Found in 1 of 3017 (0.0%) of genes in pham
• Manual Annotations of this start: 1 of 2715
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Eyre_2 (singleton),

Start 236:
• Found in 20 of 3017 (0.7%) of genes in pham
• Manual Annotations of this start: 15 of 2715
• Called 95.0% of time when present
• Phage (with cluster) where this start called: Bridgette_2 (FA), ChuckDuck_2 (FA), Constance_2 (FA), Eileen_2 (FA), FosterFrank_2 (FA), GlobiWarming_2 (FA), Gudmit_3 (singleton), Henrique_2 (FA), Judy_2 (FA), Karkharias_2 (FA), KayMoney_2 (FA), LilyBell_2 (FA), LittleRon_2 (FA), NidoQ_2 (FA), NikkiHotWheels_2 (FA), Peas_2 (FA), PeggyLeg03_2 (FA), Pucara_2 (FA), Rowa_2

(BL),

Start 238:
• Found in 6 of 3017 (0.2%) of genes in pham
• Manual Annotations of this start: 3 of 2715
• Called 50.0% of time when present
• Phage (with cluster) where this start called: AbbeyMikolon_2 (BL), Che9c_2 (I2), Stuck_2 (I2),

Start 239:
• Found in 223 of 3017 (7.4%) of genes in pham
• Manual Annotations of this start: 2 of 2715
• Called 0.9% of time when present
• Phage (with cluster) where this start called: LeoAvram_11 (A4), Skipitt_11 (A4),

Start 241:
• Found in 15 of 3017 (0.5%) of genes in pham
• Manual Annotations of this start: 2 of 2715
• Called 26.7% of time when present
• Phage (with cluster) where this start called: CosmicBrownie_2 (AY), Hestia_2 (AY), Nyilah_2 (AY), Persistence_2 (AY),

Start 244:
• Found in 28 of 3017 (0.9%) of genes in pham
• Manual Annotations of this start: 5 of 2715
• Called 25.0% of time when present
• Phage (with cluster) where this start called: Emperor_2 (DM), GMA5_2 (CW2), GRU3_2 (CW2), Jeanie_2 (CW1), McGonagall_2 (CW1), Rahul_2 (CW2), SallySpecial_2 (DM),

Start 245:
• Found in 50 of 3017 (1.7%) of genes in pham
• Manual Annotations of this start: 1 of 2715
• Called 2.0% of time when present
• Phage (with cluster) where this start called: BabeRuth_2 (N),

Start 247:
• Found in 2 of 3017 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 2715
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Nesbitt_2 (BL),

Start 255:
• Found in 54 of 3017 (1.8%) of genes in pham
• Manual Annotations of this start: 1 of 2715
• Called 1.9% of time when present
• Phage (with cluster) where this start called: Bobburn_2 (singleton),

Start 271:
• Found in 277 of 3017 (9.2%) of genes in pham
• No Manual Annotations of this start.
• Called 0.4% of time when present
• Phage (with cluster) where this start called: HotPotato_2 (FA),

Start 280:
• Found in 215 of 3017 (7.1%) of genes in pham
• No Manual Annotations of this start.
• Called 0.9% of time when present
• Phage (with cluster) where this start called: Stardom_7 (AM), YoshiYama_7 (AM),

Start 287:
• Found in 264 of 3017 (8.8%) of genes in pham
• No Manual Annotations of this start.
• Called 0.4% of time when present
• Phage (with cluster) where this start called: ChickyNuggy_14 (DJ),

Start 290:
• Found in 19 of 3017 (0.6%) of genes in pham
• Manual Annotations of this start: 2 of 2715
• Called 10.5% of time when present
• Phage (with cluster) where this start called: Coeur_2 (CW2), Schiebs_2 (CW3),

Start 291:
• Found in 89 of 3017 (2.9%) of genes in pham
• No Manual Annotations of this start.
• Called 1.1% of time when present
• Phage (with cluster) where this start called: phiBT1_33 (BB1),

Start 296:
• Found in 11 of 3017 (0.4%) of genes in pham
• Manual Annotations of this start: 11 of 2715
• Called 100.0% 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 297:
• Found in 90 of 3017 (3.0%) of genes in pham
• Manual Annotations of this start: 2 of 2715
• Called 3.3% of time when present
• Phage (with cluster) where this start called: AustinPowers_2 (AK), Dirtfootball_2 (DM), PinkFriday_2 (AK),

Start 299:
• Found in 5 of 3017 (0.2%) of genes in pham
• Manual Annotations of this start: 3 of 2715
• Called 60.0% of time when present
• Phage (with cluster) where this start called: Euratis_2 (BB1), Shawty_2 (BB1), TG1_2 (BB1),

Start 300:
• Found in 88 of 3017 (2.9%) of genes in pham
• Manual Annotations of this start: 12 of 2715
• Called 19.3% 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 301:
• Found in 51 of 3017 (1.7%) of genes in pham
• Manual Annotations of this start: 48 of 2715
• Called 100.0% of time when present
• Phage (with cluster) where this start called: 244_9 (E), Adnama_10 (E), AmericanBeauty_10 (E), Argent26_10 (E), Asriel_8 (E), Barbarian_8 (E), Bench_10 (E), Bogg_9 (E), Cactus_10 (E), ChosenOne_7 (E), Czyszczon1_9 (E), DoctorDiddles_9 (E), Dumbo_8 (E), Elite2014_7 (E), Elph10_9 (E), Filch_9 (E), Gage_10 (E), Gemini_10 (E), GoldenSpark_10 (E), Goldilocks_10 (E), GooberAzure_10 (E), HanKaySha_9 (E), Highbury_9 (E), Holt_10 (E), Hoonter_10 (E), Hopey_9 (E), Kimchi_10 (E), Lilizi_10 (E), Lilpickle_7 (E), MadamMonkfish_8 (E), Maxxinista_9 (E), Moldemort_9 (E), Murphy_8 (E), NoSleep_9 (E), NonchalantPear_8 (E), OrionPax_9 (E), PaddyBaddy_9 (E), Phrux_8 (E), Ptowny_8 (E), Pumpkin_9 (E), RiverMonster_8 (E), Saints25_9 (E), Simpliphy_9 (E), Stank_10 (E), Stark_9 (E), StolenFromERC_10 (E), TBrady12_10 (E), Thimble_9 (E), Ukulele_8 (E), Wiggin_10 (E), Xandras_10 (E),

Start 302:
• Found in 186 of 3017 (6.2%) of genes in pham
• Manual Annotations of this start: 3 of 2715
• Called 1.6% of time when present
• Phage (with cluster) where this start called: Ashballer_10 (A1), BobbyDazzler_8 (CA), Lilac_10 (E),

Start 304:
• Found in 4 of 3017 (0.1%) of genes in pham
• Manual Annotations of this start: 4 of 2715
• 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 306:
• Found in 50 of 3017 (1.7%) of genes in pham
• No Manual Annotations of this start.
• Called 4.0% of time when present
• Phage (with cluster) where this start called: Graynor_5 (AK), MrBoss_5 (AK),

Start 308:
• Found in 2 of 3017 (0.1%) of genes in pham
• Manual Annotations of this start: 2 of 2715
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Lilbooboo_2 (BB1), Vash_2 (BB1),

Start 314:
• Found in 33 of 3017 (1.1%) of genes in pham
• Manual Annotations of this start: 1 of 2715
• Called 6.1% of time when present
• Phage (with cluster) where this start called: EpicDab_2 (DM), RRH1_02 (singleton),

Start 324:
• Found in 137 of 3017 (4.5%) of genes in pham
• Manual Annotations of this start: 4 of 2715
• Called 2.9% of time when present
• Phage (with cluster) where this start called: BrotherBLo_5 (AK), Jumboset_5 (AK), Kalizoi_5 (AK), Scuttle_5 (AK),

Start 329:
• Found in 19 of 3017 (0.6%) of genes in pham
• Manual Annotations of this start: 15 of 2715
• Called 84.2% of time when present
• Phage (with cluster) where this start called: Ayotoya_6 (DI), BetterKatz_6 (DI), Bock_6 (DI), Brylie_6 (DI), Chop_6 (DI), DelRio_6 (DI), Francois_6 (DI), GrandSlam_6 (DI), Hamood_6 (DI), Mulch_6 (DI), Nadeem_6 (DI), NancyRae_6 (DI), Parada_6 (DI), Pimento_6 (DI), SussRoloMann_6 (DI), WheatThin_6 (DI),

Start 363:
• Found in 532 of 3017 (17.6%) 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 366:
• Found in 13 of 3017 (0.4%) of genes in pham
• Manual Annotations of this start: 1 of 2715
• Called 7.7% of time when present
• Phage (with cluster) where this start called: EmiRose_2 (singleton),

Start 406:
• Found in 381 of 3017 (12.6%) of genes in pham
• No Manual Annotations of this start.
• Called 0.3% of time when present
• Phage (with cluster) where this start called: Ball_2 (singleton),

Summary by clusters:

There are 171 clusters represented in this pham: CW2, BA, BL, FR, BJ, BT, BV, BX, JA, Z, BI6, CQ2, CQ1, A21, T, CZ8, Y, P3, CZ2, CZ3, CZ1, CZ7, CZ4, CZ5, EN, M1, M3, M2, CY7, CY5, CY4, BD6, BD1, BD3, BD2, P2, EL, EO, P1, P6, EH, P4, P5, EE, EB, S, CU4, EP, ES, ER, CR2, CR3, CR1, CR6, CR7, CR4, CR5, FP, singleton, FS, CW3, FA, FF, FI, FK, FO, CU5, AZ, CU3, CU2, CU1, BI5, AU1, DN4, AU3, AU2, AU5, AU4, DN3, AU6, DU1, DU2, BB2, BB1, AS3, AS2, AS1, AU7, F, CC, CA, J, CF, CD, CZ, V, UNK, CV, CT, A20, F1, A22, F4, F5, F6, F7, F8, DN, DL, DM, DJ, DI, DD, DB, DA, DY, DW, A15, A14, A17, A16, A11, A10, A13, A12, I1, I3, I2, A19, A18, A1, A3, A2, A5, A4, A7, A6, A9, A8, CY3, CY2, CY1, AB, E, CY6, AG, AF, AH, AK, AM, Q, L4, L2, L3, AW, L1, AY, BI7, BI4, N, BI2, BI3, BI1, CW1, AZ1, AZ2, AZ3, AZ4, AZ5, AZ6, AZ7,

Info for manual annotations of cluster A1:
•Start number 102 was manually annotated 192 times for cluster A1.
•Start number 108 was manually annotated 24 times for cluster A1.
•Start number 302 was manually annotated 1 time for cluster A1.

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

Info for manual annotations of cluster A11:
•Start number 103 was manually annotated 28 times for cluster A11.

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

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

Info for manual annotations of cluster A15:
•Start number 103 was manually annotated 25 times for cluster A15.

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

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

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

Info for manual annotations of cluster A2:
•Start number 103 was manually annotated 117 times for cluster A2.

Info for manual annotations of cluster A20:
•Start number 106 was manually annotated 2 times for cluster A20.

Info for manual annotations of cluster A21:
•Start number 107 was manually annotated 1 time for cluster A21.

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

Info for manual annotations of cluster A3:
•Start number 102 was manually annotated 37 times for cluster A3.
•Start number 104 was manually annotated 88 times for cluster A3.

Info for manual annotations of cluster A4:
•Start number 102 was manually annotated 139 times for cluster A4.
•Start number 104 was manually annotated 2 times for cluster A4.
•Start number 126 was manually annotated 1 time for cluster A4.
•Start number 239 was manually annotated 2 times for cluster A4.

Info for manual annotations of cluster A5:
•Start number 53 was manually annotated 20 times for cluster A5.
•Start number 63 was manually annotated 20 times for cluster A5.

Info for manual annotations of cluster A6:

•Start number 103 was manually annotated 50 times for cluster A6.

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

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

Info for manual annotations of cluster A9:
•Start number 103 was manually annotated 30 times for cluster A9.
•Start number 117 was manually annotated 11 times for cluster A9.
•Start number 123 was manually annotated 5 times for cluster A9.

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

Info for manual annotations of cluster AF:
•Start number 110 was manually annotated 2 times for cluster AF.

Info for manual annotations of cluster AG:
•Start number 89 was manually annotated 1 time for cluster AG.
•Start number 91 was manually annotated 1 time for cluster AG.

Info for manual annotations of cluster AH:
•Start number 76 was manually annotated 1 time for cluster AH.

Info for manual annotations of cluster AK:
•Start number 155 was manually annotated 76 times for cluster AK.
•Start number 297 was manually annotated 2 times for cluster AK.
•Start number 300 was manually annotated 2 times for cluster AK.
•Start number 324 was manually annotated 4 times for cluster AK.

Info for manual annotations of cluster AM:
•Start number 211 was manually annotated 2 times for cluster AM.
•Start number 217 was manually annotated 19 times for cluster AM.

Info for manual annotations of cluster AS1:
•Start number 164 was manually annotated 2 times for cluster AS1.
•Start number 224 was manually annotated 16 times for cluster AS1.

Info for manual annotations of cluster AS2:
•Start number 164 was manually annotated 8 times for cluster AS2.
•Start number 231 was manually annotated 1 time for cluster AS2.
•Start number 300 was manually annotated 10 times for cluster AS2.

Info for manual annotations of cluster AS3:
•Start number 164 was manually annotated 2 times for cluster AS3.
•Start number 182 was manually annotated 17 times for cluster AS3.

Info for manual annotations of cluster AU1:
•Start number 217 was manually annotated 21 times for cluster AU1.

Info for manual annotations of cluster AU2:

•Start number 217 was manually annotated 8 times for cluster AU2.

Info for manual annotations of cluster AU3:
•Start number 217 was manually annotated 2 times for cluster AU3.

Info for manual annotations of cluster AU4:
•Start number 217 was manually annotated 3 times for cluster AU4.

Info for manual annotations of cluster AU5:
•Start number 217 was manually annotated 2 times for cluster AU5.

Info for manual annotations of cluster AU6:
•Start number 217 was manually annotated 16 times for cluster AU6.

Info for manual annotations of cluster AU7:
•Start number 217 was manually annotated 2 times for cluster AU7.

Info for manual annotations of cluster AW:
•Start number 200 was manually annotated 5 times for cluster AW.
•Start number 217 was manually annotated 15 times for cluster AW.

Info for manual annotations of cluster AY:
•Start number 160 was manually annotated 4 times for cluster AY.
•Start number 241 was manually annotated 2 times for cluster AY.

Info for manual annotations of cluster AZ:
•Start number 101 was manually annotated 1 time for cluster AZ.

Info for manual annotations of cluster AZ1:
•Start number 101 was manually annotated 42 times for cluster AZ1.
•Start number 103 was manually annotated 7 times for cluster AZ1.

Info for manual annotations of cluster AZ2:
•Start number 101 was manually annotated 4 times for cluster AZ2.

Info for manual annotations of cluster AZ3:
•Start number 101 was manually annotated 2 times for cluster AZ3.

Info for manual annotations of cluster AZ4:
•Start number 103 was manually annotated 7 times for cluster AZ4.
•Start number 105 was manually annotated 1 time for cluster AZ4.

Info for manual annotations of cluster AZ5:
•Start number 122 was manually annotated 16 times for cluster AZ5.

Info for manual annotations of cluster AZ6:
•Start number 101 was manually annotated 1 time for cluster AZ6.

Info for manual annotations of cluster BB1:
•Start number 299 was manually annotated 3 times for cluster BB1.
•Start number 304 was manually annotated 1 time for cluster BB1.

•Start number 308 was manually annotated 2 times for cluster BB1.

Info for manual annotations of cluster BB2:
•Start number 304 was manually annotated 3 times for cluster BB2.

Info for manual annotations of cluster BD1:
•Start number 75 was manually annotated 45 times for cluster BD1.
•Start number 92 was manually annotated 10 times for cluster BD1.

Info for manual annotations of cluster BD2:
•Start number 75 was manually annotated 32 times for cluster BD2.

Info for manual annotations of cluster BD3:
•Start number 70 was manually annotated 1 time for cluster BD3.
•Start number 75 was manually annotated 14 times for cluster BD3.
•Start number 78 was manually annotated 1 time for cluster BD3.

Info for manual annotations of cluster BD6:
•Start number 75 was manually annotated 4 times for cluster BD6.

Info for manual annotations of cluster BI1:
•Start number 217 was manually annotated 24 times for cluster BI1.

Info for manual annotations of cluster BI2:
•Start number 216 was manually annotated 1 time for cluster BI2.
•Start number 217 was manually annotated 12 times for cluster BI2.

Info for manual annotations of cluster BI3:
•Start number 217 was manually annotated 1 time for cluster BI3.

Info for manual annotations of cluster BI4:
•Start number 214 was manually annotated 1 time for cluster BI4.
•Start number 217 was manually annotated 4 times for cluster BI4.

Info for manual annotations of cluster BI5:
•Start number 217 was manually annotated 2 times for cluster BI5.

Info for manual annotations of cluster BI6:
•Start number 217 was manually annotated 1 time for cluster BI6.

Info for manual annotations of cluster BI7:
•Start number 217 was manually annotated 1 time for cluster BI7.

Info for manual annotations of cluster BJ:
•Start number 186 was manually annotated 1 time for cluster BJ.

Info for manual annotations of cluster BL:
•Start number 236 was manually annotated 1 time for cluster BL.
•Start number 238 was manually annotated 1 time for cluster BL.
•Start number 247 was manually annotated 1 time for cluster BL.

Info for manual annotations of cluster BT:
•Start number 166 was manually annotated 2 times for cluster BT.

Info for manual annotations of cluster BV:
•Start number 211 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 302 was manually annotated 1 time for cluster CA.

Info for manual annotations of cluster CC:
•Start number 217 was manually annotated 1 time for cluster CC.

Info for manual annotations of cluster CD:
•Start number 195 was manually annotated 7 times for cluster CD.

Info for manual annotations of cluster CF:
•Start number 221 was manually annotated 5 times for cluster CF.
•Start number 225 was manually annotated 1 time for cluster CF.

Info for manual annotations of cluster CQ1:
•Start number 127 was manually annotated 15 times for cluster CQ1.

Info for manual annotations of cluster CQ2:
•Start number 127 was manually annotated 2 times for cluster CQ2.

Info for manual annotations of cluster CR1:
•Start number 126 was manually annotated 3 times for cluster CR1.

Info for manual annotations of cluster CR2:
•Start number 124 was manually annotated 12 times for cluster CR2.
•Start number 126 was manually annotated 7 times for cluster CR2.
•Start number 130 was manually annotated 2 times for cluster CR2.

Info for manual annotations of cluster CR3:
•Start number 126 was manually annotated 6 times for cluster CR3.

Info for manual annotations of cluster CR4:
•Start number 126 was manually annotated 9 times for cluster CR4.

Info for manual annotations of cluster CR5:
•Start number 123 was manually annotated 4 times for cluster CR5.

Info for manual annotations of cluster CR6:
•Start number 126 was manually annotated 6 times for cluster CR6.

Info for manual annotations of cluster CR7:
•Start number 126 was manually annotated 1 time for cluster CR7.

Info for manual annotations of cluster CT:
•Start number 173 was manually annotated 9 times for cluster CT.
•Start number 176 was manually annotated 53 times for cluster CT.
•Start number 224 was manually annotated 1 time for cluster CT.

Info for manual annotations of cluster CU1:
•Start number 119 was manually annotated 2 times for cluster CU1.
•Start number 191 was manually annotated 6 times for cluster CU1.

Info for manual annotations of cluster CU3:
•Start number 119 was manually annotated 1 time for cluster CU3.

Info for manual annotations of cluster CU4:
•Start number 135 was manually annotated 1 time for cluster CU4.

Info for manual annotations of cluster CU5:
•Start number 139 was manually annotated 1 time for cluster CU5.

Info for manual annotations of cluster CV:
•Start number 113 was manually annotated 2 times for cluster CV.
•Start number 154 was manually annotated 1 time for cluster CV.
•Start number 163 was manually annotated 37 times for cluster CV.
•Start number 180 was manually annotated 5 times for cluster CV.

Info for manual annotations of cluster CW1:
•Start number 244 was manually annotated 2 times for cluster CW1.

Info for manual annotations of cluster CW2:
•Start number 244 was manually annotated 1 time for cluster CW2.
•Start number 290 was manually annotated 1 time for cluster CW2.

Info for manual annotations of cluster CW3:
•Start number 290 was manually annotated 1 time for cluster CW3.

Info for manual annotations of cluster CY1:
•Start number 113 was manually annotated 9 times for cluster CY1.

Info for manual annotations of cluster CY2:
•Start number 113 was manually annotated 1 time for cluster CY2.

Info for manual annotations of cluster CY3:
•Start number 113 was manually annotated 2 times for cluster CY3.

Info for manual annotations of cluster CY4:
•Start number 113 was manually annotated 2 times for cluster CY4.

Info for manual annotations of cluster CY5:
•Start number 113 was manually annotated 1 time for cluster CY5.

Info for manual annotations of cluster CY6:
•Start number 113 was manually annotated 1 time for cluster CY6.

Info for manual annotations of cluster CY7:
•Start number 113 was manually annotated 1 time for cluster CY7.

Info for manual annotations of cluster CZ:
•Start number 134 was manually annotated 1 time for cluster CZ.

•Start number 206 was manually annotated 2 times for cluster CZ.

Info for manual annotations of cluster CZ1:
•Start number 193 was manually annotated 1 time for cluster CZ1.
•Start number 206 was manually annotated 25 times for cluster CZ1.

Info for manual annotations of cluster CZ2:
•Start number 134 was manually annotated 24 times for cluster CZ2.

Info for manual annotations of cluster CZ3:
•Start number 134 was manually annotated 3 times for cluster CZ3.

Info for manual annotations of cluster CZ4:
•Start number 134 was manually annotated 23 times for cluster CZ4.
•Start number 209 was manually annotated 1 time for cluster CZ4.

Info for manual annotations of cluster CZ5:
•Start number 134 was manually annotated 1 time for cluster CZ5.

Info for manual annotations of cluster CZ7:
•Start number 134 was manually annotated 1 time for cluster CZ7.

Info for manual annotations of cluster CZ8:
•Start number 206 was manually annotated 1 time for cluster CZ8.

Info for manual annotations of cluster DA:
•Start number 58 was manually annotated 4 times for cluster DA.

Info for manual annotations of cluster DB:
•Start number 126 was manually annotated 4 times for cluster DB.
•Start number 175 was manually annotated 14 times for cluster DB.

Info for manual annotations of cluster DD:
•Start number 127 was manually annotated 2 times for cluster DD.

Info for manual annotations of cluster DI:
•Start number 329 was manually annotated 15 times for cluster DI.

Info for manual annotations of cluster DJ:
•Start number 217 was manually annotated 63 times for cluster DJ.

Info for manual annotations of cluster DL:
•Start number 127 was manually annotated 6 times for cluster DL.

Info for manual annotations of cluster DM:
•Start number 244 was manually annotated 2 times for cluster DM.
•Start number 314 was manually annotated 1 time for cluster DM.

Info for manual annotations of cluster DN:
•Start number 176 was manually annotated 3 times for cluster DN.

Info for manual annotations of cluster DN3:
•Start number 142 was manually annotated 1 time for cluster DN3.

•Start number 176 was manually annotated 1 time for cluster DN3.

Info for manual annotations of cluster DN4:
•Start number 176 was manually annotated 1 time for cluster DN4.

Info for manual annotations of cluster DU1:
•Start number 234 was manually annotated 4 times for cluster DU1.

Info for manual annotations of cluster DU2:
•Start number 234 was manually annotated 4 times for cluster DU2.

Info for manual annotations of cluster DW:
•Start number 180 was manually annotated 5 times for cluster DW.

Info for manual annotations of cluster DY:
•Start number 194 was manually annotated 7 times for cluster DY.

Info for manual annotations of cluster E:
•Start number 296 was manually annotated 11 times for cluster E.
•Start number 301 was manually annotated 48 times for cluster E.
•Start number 302 was manually annotated 1 time for cluster E.

Info for manual annotations of cluster EB:
•Start number 205 was manually annotated 3 times for cluster EB.
•Start number 211 was manually annotated 83 times for cluster EB.

Info for manual annotations of cluster EE:
•Start number 193 was manually annotated 144 times for cluster EE.
•Start number 198 was manually annotated 2 times for cluster EE.

Info for manual annotations of cluster EH:
•Start number 100 was manually annotated 14 times for cluster EH.
•Start number 112 was manually annotated 1 time for cluster EH.

Info for manual annotations of cluster EL:
•Start number 216 was manually annotated 1 time for cluster EL.
•Start number 217 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 15 was manually annotated 1 time for cluster EN.
•Start number 184 was manually annotated 1 time for cluster EN.
•Start number 204 was manually annotated 1 time for cluster EN.

Info for manual annotations of cluster EO:
•Start number 150 was manually annotated 4 times for cluster EO.

Info for manual annotations of cluster EP:
•Start number 202 was manually annotated 4 times for cluster EP.
•Start number 205 was manually annotated 4 times for cluster EP.

Info for manual annotations of cluster ER:
•Start number 182 was manually annotated 1 time for cluster ER.

Info for manual annotations of cluster F1:
•Start number 117 was manually annotated 1 time for cluster F1.
•Start number 126 was manually annotated 168 times for cluster F1.
•Start number 147 was manually annotated 3 times for cluster F1.
•Start number 184 was manually annotated 1 time for cluster F1.
•Start number 217 was manually annotated 2 times for cluster F1.

Info for manual annotations of cluster F4:
•Start number 113 was manually annotated 4 times for cluster F4.

Info for manual annotations of cluster F5:
•Start number 176 was manually annotated 1 time for cluster F5.

Info for manual annotations of cluster F7:
•Start number 126 was manually annotated 1 time for cluster F7.

Info for manual annotations of cluster FA:
•Start number 198 was manually annotated 1 time for cluster FA.
•Start number 236 was manually annotated 13 times for cluster FA.

Info for manual annotations of cluster FF:
•Start number 180 was manually annotated 1 time for cluster FF.
•Start number 197 was manually annotated 22 times for cluster FF.

Info for manual annotations of cluster FK:
•Start number 217 was manually annotated 4 times for cluster FK.

Info for manual annotations of cluster FO:
•Start number 194 was manually annotated 6 times for cluster FO.
•Start number 197 was manually annotated 1 time for cluster FO.
•Start number 198 was manually annotated 2 times for cluster FO.

Info for manual annotations of cluster FP:
•Start number 186 was manually annotated 1 time for cluster FP.
•Start number 188 was manually annotated 4 times for cluster FP.
•Start number 196 was manually annotated 1 time for cluster FP.

Info for manual annotations of cluster FR:
•Start number 212 was manually annotated 5 times for cluster FR.
•Start number 215 was manually annotated 6 times for cluster FR.

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

Info for manual annotations of cluster I1:
•Start number 138 was manually annotated 6 times for cluster I1.

Info for manual annotations of cluster I2:
•Start number 229 was manually annotated 1 time for cluster I2.
•Start number 238 was manually annotated 2 times for cluster I2.

Info for manual annotations of cluster J:
•Start number 232 was manually annotated 12 times for cluster J.

Info for manual annotations of cluster JA:
•Start number 214 was manually annotated 3 times for cluster JA.
•Start number 217 was manually annotated 3 times for cluster JA.
•Start number 219 was manually annotated 2 times for cluster JA.

Info for manual annotations of cluster L1:
•Start number 149 was manually annotated 13 times for cluster L1.
•Start number 155 was manually annotated 6 times for cluster L1.

Info for manual annotations of cluster L2:
•Start number 149 was manually annotated 32 times for cluster L2.

Info for manual annotations of cluster L3:
•Start number 149 was manually annotated 19 times for cluster L3.

Info for manual annotations of cluster L4:
•Start number 149 was manually annotated 6 times for cluster L4.

Info for manual annotations of cluster M1:
•Start number 181 was manually annotated 15 times for cluster M1.

Info for manual annotations of cluster M2:
•Start number 181 was manually annotated 5 times for cluster M2.
•Start number 184 was manually annotated 1 time for cluster M2.

Info for manual annotations of cluster M3:
•Start number 181 was manually annotated 1 time for cluster M3.

Info for manual annotations of cluster N:
•Start number 231 was manually annotated 25 times for cluster N.
•Start number 234 was manually annotated 21 times for cluster N.
•Start number 245 was manually annotated 1 time for cluster N.

Info for manual annotations of cluster P1:
•Start number 134 was manually annotated 44 times for cluster P1.

Info for manual annotations of cluster P2:
•Start number 134 was manually annotated 1 time for cluster P2.

Info for manual annotations of cluster P3:
•Start number 134 was manually annotated 1 time for cluster P3.

Info for manual annotations of cluster P4:
•Start number 134 was manually annotated 2 times for cluster P4.

Info for manual annotations of cluster P5:
•Start number 134 was manually annotated 2 times for cluster P5.

Info for manual annotations of cluster P6:
•Start number 134 was manually annotated 1 time for cluster P6.

Info for manual annotations of cluster Q:
•Start number 84 was manually annotated 21 times for cluster Q.
•Start number 128 was manually annotated 3 times for cluster Q.

Info for manual annotations of cluster S:
•Start number 176 was manually annotated 20 times for cluster S.

Info for manual annotations of cluster T:
•Start number 42 was manually annotated 1 time for cluster T.
•Start number 96 was manually annotated 6 times for cluster T.

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

Info for manual annotations of cluster V:
•Start number 165 was manually annotated 5 times for cluster V.

Info for manual annotations of cluster Y:
•Start number 141 was manually annotated 6 times for cluster Y.

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

Gene Information:

Gene: 20ES_12 Start: 7443, Stop: 9233, Start Num: 103
Candidate Starts for 20ES_12:
(25, 7269), (Start: 103 @7443 has 278 MA's), (Start: 206 @7551 has 29 MA's), (226, 7572), (288, 7680), (473, 7965), (476, 7968), (558, 8076), (593, 8166), (603, 8190), (663, 8307), (673, 8322), (857, 8622), (992, 8808), (1007, 8835), (1026, 8856), (1096, 8952), (1269, 9189), (1290, 9216), (1292, 9219),

Gene: 244_9 Start: 2277, Stop: 3947, Start Num: 301
Candidate Starts for 244_9:
(Start: 301 @2277 has 48 MA's), (344, 2340), (479, 2574), (548, 2676), (632, 2856), (641, 2880), (650, 2898), (663, 2910), (694, 2973), (698, 2985), (725, 3030), (734, 3045), (784, 3123), (811, 3168), (845, 3222), (851, 3228), (917, 3342), (994, 3486), (1019, 3522), (1118, 3675), (1129, 3687), (1175, 3744), (1205, 3780), (1235, 3831), (1251, 3867), (1253, 3870), (1294, 3936),

Gene: 32HC_3 Start: 878, Stop: 2545, Start Num: 95
Candidate Starts for 32HC_3:
(73, 851), (87, 866), (Start: 95 @878 has 1 MA's), (313, 1085), (409, 1238), (414, 1244), (566, 1460), (573, 1472), (642, 1631), (668, 1676), (679, 1694), (720, 1781), (736, 1802), (747, 1823), (778, 1868), (815, 1931), (837, 1958), (956, 2120), (965, 2129), (1000, 2192), (1017, 2207), (1044, 2252), (1062, 2276), (1148, 2378), (1204, 2447),

Gene: 40AC_15 Start: 9493, Stop: 11244, Start Num: 103
Candidate Starts for 40AC_15:
(Start: 103 @9493 has 278 MA's), (120, 9511), (Start: 231 @9622 has 26 MA's), (266, 9688), (288, 9721), (Start: 290 @9724 has 2 MA's), (476, 10006), (503, 10045), (558, 10114), (569, 10138), (571, 10141), (593, 10204), (603, 10228), (646, 10327), (671, 10357), (673, 10360), (766, 10528), (778, 10546), (915, 10720), (928, 10744), (988, 10807), (1026, 10867), (1096, 10963), (1182, 11053), (1251, 11167), (1253, 11170), (1269, 11200), (1290, 11227), (1292, 11230),

Gene: 8UZL_5 Start: 1795, Stop: 3459, Start Num: 176
Candidate Starts for 8UZL_5:
(Start: 176 @1795 has 83 MA's), (Start: 212 @1834 has 5 MA's), (Start: 231 @1858 has 26 MA's), (350, 1987), (436, 2119), (443, 2134), (450, 2149), (476, 2194), (507, 2242), (537, 2278), (571, 2335), (582, 2359), (597, 2395), (699, 2593), (706, 2608), (729, 2647), (821, 2794), (915, 2914), (992, 3019), (1064, 3127), (1091, 3157), (1112, 3184), (1119, 3196), (1170, 3232), (1171, 3235), (1234, 3328), (1261, 3385),

Gene: A6_09 Start: 6581, Stop: 8269, Start Num: 102
Candidate Starts for A6_09:
(Start: 102 @6581 has 391 MA's), (Start: 302 @6761 has 3 MA's), (363, 6845), (383, 6881), (406, 6908), (476, 7031), (500, 7064), (558, 7139), (593, 7229), (603, 7253), (621, 7280), (637, 7328), (720, 7484), (760, 7544), (939, 7778), (952, 7790), (988, 7832), (995, 7853), (1020, 7880), (1096, 7988), (1182, 8078), (1246, 8183),

Gene: ACFishhook_13 Start: 7110, Stop: 8810, Start Num: 104
Candidate Starts for ACFishhook_13:
(Start: 104 @7110 has 125 MA's), (151, 7158), (292, 7293), (476, 7572), (593, 7770), (634, 7860), (671, 7923), (687, 7962), (760, 8085), (915, 8283), (928, 8307), (930, 8310), (988, 8373), (992, 8385), (995, 8394), (1026, 8433), (1096, 8529), (1134, 8583), (1182, 8619), (1269, 8766), (1292, 8796), (1294, 8799),

Gene: AEgle_2 Start: 537, Stop: 2243, Start Num: 101
Candidate Starts for AEgle_2:
(Start: 101 @537 has 50 MA's), (Start: 224 @624 has 17 MA's), (444, 909), (476, 966), (491, 987), (512, 1014), (572, 1104), (646, 1278), (828, 1530), (915, 1653), (1038, 1833), (1096, 1908), (1106, 1923), (1196, 2058), (1217, 2094), (1244, 2142), (1256, 2166),

Gene: AFIS_11 Start: 6918, Stop: 8606, Start Num: 102
Candidate Starts for AFIS_11:
(Start: 102 @6918 has 391 MA's), (Start: 302 @7098 has 3 MA's), (363, 7182), (383, 7218), (406, 7245), (476, 7368), (558, 7476), (593, 7566), (603, 7590), (621, 7617), (637, 7665), (720, 7821), (760, 7881), (930, 8106), (939, 8115), (952, 8127), (988, 8169), (995, 8190), (1020, 8217), (1096, 8325), (1182, 8415), (1246, 8520),

Gene: AGrandiflora_2 Start: 533, Stop: 2239, Start Num: 101
Candidate Starts for AGrandiflora_2:
(Start: 101 @533 has 50 MA's), (444, 905), (476, 962), (512, 1010), (572, 1100), (596, 1154), (646, 1274), (699, 1364), (828, 1526), (915, 1649), (1096, 1904), (1106, 1919), (1144, 1973), (1196, 2054), (1256, 2162),

Gene: AN3_12 Start: 7428, Stop: 9218, Start Num: 103
Candidate Starts for AN3_12:

(Start: 103 @7428 has 278 MA's), (Start: 206 @7536 has 29 MA's), (226, 7557), (288, 7665), (476, 7953), (558, 8061), (593, 8151), (603, 8175), (663, 8292), (673, 8307), (857, 8607), (992, 8793), (1007, 8820), (1026, 8841), (1096, 8937), (1269, 9174), (1290, 9201), (1292, 9204),

Gene: AN9_15 Start: 7374, Stop: 9164, Start Num: 103
Candidate Starts for AN9_15:
(52, 7296), (83, 7347), (Start: 103 @7374 has 278 MA's), (Start: 206 @7482 has 29 MA's), (226, 7503), (262, 7569), (288, 7611), (309, 7635), (406, 7773), (473, 7893), (476, 7896), (558, 8007), (593, 8097), (603, 8121), (634, 8187), (647, 8223), (671, 8250), (673, 8253), (857, 8553), (915, 8640), (936, 8673), (992, 8739), (1007, 8766), (1026, 8787), (1086, 8871), (1096, 8883), (1184, 8976), (1198, 8991), (1269, 9120), (1290, 9147), (1292, 9150),

Gene: ANI8_15 Start: 7374, Stop: 9164, Start Num: 103
Candidate Starts for ANI8_15:
(52, 7296), (83, 7347), (Start: 103 @7374 has 278 MA's), (Start: 206 @7482 has 29 MA's), (226, 7503), (262, 7569), (288, 7611), (309, 7635), (406, 7773), (473, 7893), (476, 7896), (558, 8007), (593, 8097), (603, 8121), (634, 8187), (647, 8223), (671, 8250), (673, 8253), (857, 8553), (915, 8640), (936, 8673), (992, 8739), (1007, 8766), (1026, 8787), (1086, 8871), (1096, 8883), (1184, 8976), (1198, 8991), (1269, 9120), (1290, 9147), (1292, 9150),

Gene: Aaronocolus_6 Start: 2402, Stop: 4048, Start Num: 75
Candidate Starts for Aaronocolus_6:
(Start: 75 @2402 has 95 MA's), (Start: 92 @2420 has 10 MA's), (325, 2624), (382, 2705), (462, 2840), (480, 2861), (543, 2948), (582, 3020), (593, 3044), (638, 3143), (673, 3197), (751, 3296), (786, 3356), (920, 3518), (927, 3527), (992, 3617), (1007, 3644), (1062, 3722), (1064, 3725), (1096, 3764), (1112, 3785), (1116, 3791), (1130, 3809), (1217, 3905), (1251, 3965),

Gene: AbbeyMikolon_2 Start: 631, Stop: 2349, Start Num: 238
Candidate Starts for AbbeyMikolon_2:
(Start: 216 @601 has 2 MA's), (Start: 238 @631 has 3 MA's), (Start: 247 @643 has 1 MA's), (254, 655), (263, 682), (284, 712), (344, 802), (358, 832), (405, 901), (408, 907), (442, 967), (450, 985), (498, 1063), (548, 1135), (552, 1141), (560, 1156), (567, 1168), (584, 1195), (605, 1261), (619, 1276), (641, 1333), (664, 1360), (704, 1447), (723, 1471), (833, 1645), (913, 1759), (922, 1780), (942, 1810), (960, 1840), (1056, 2017), (1062, 2032), (1098, 2080), (1115, 2101), (1226, 2233), (1251, 2287), (1253, 2290),

Gene: AbbyPaige_14 Start: 7888, Stop: 9675, Start Num: 103
Candidate Starts for AbbyPaige_14:
(Start: 103 @7888 has 278 MA's), (Start: 206 @7996 has 29 MA's), (226, 8017), (262, 8083), (264, 8089), (288, 8125), (309, 8149), (350, 8212), (473, 8407), (476, 8410), (558, 8518), (593, 8608), (603, 8632), (637, 8707), (663, 8749), (673, 8764), (857, 9064), (992, 9250), (1007, 9277), (1026, 9298), (1096, 9394), (1269, 9631), (1292, 9661),

Gene: AbbysRanger_11 Start: 6893, Stop: 8590, Start Num: 102
Candidate Starts for AbbysRanger_11:
(Start: 102 @6893 has 391 MA's), (Start: 126 @6917 has 206 MA's), (363, 7163), (429, 7268), (473, 7346), (476, 7349), (503, 7388), (558, 7457), (569, 7481), (593, 7547), (634, 7637), (720, 7802), (778, 7889), (798, 7922), (888, 8015), (915, 8063), (928, 8087), (988, 8153), (1007, 8192), (1026, 8213), (1096, 8309), (1267, 8543), (1269, 8546), (1292, 8576), (1294, 8579),

Gene: Abbyshoes_12 Start: 7007, Stop: 8695, Start Num: 102
Candidate Starts for Abbyshoes_12:

(Start: 102 @7007 has 391 MA's), (Start: 302 @7187 has 3 MA's), (363, 7271), (383, 7307), (406, 7334), (476, 7457), (558, 7565), (593, 7655), (603, 7679), (621, 7706), (637, 7754), (679, 7823), (720, 7910), (760, 7970), (930, 8195), (939, 8204), (952, 8216), (988, 8258), (995, 8279), (1020, 8306), (1096, 8414), (1182, 8504), (1246, 8609),

Gene: Abdiel_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Abdiel_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Abelaine_3 Start: 1092, Stop: 2552, Start Num: 193
Candidate Starts for Abelaine_3:
(Start: 193 @1092 has 146 MA's), (Start: 198 @1098 has 6 MA's), (325, 1260), (330, 1269), (377, 1329), (415, 1398), (431, 1419), (455, 1470), (606, 1674), (669, 1809), (744, 1887), (753, 1902), (777, 1938), (804, 1980), (832, 2013), (840, 2031), (923, 2151), (925, 2154), (936, 2166), (990, 2241), (1031, 2304), (1044, 2322), (1045, 2325), (1186, 2487), (1199, 2496), (1205, 2505), (1232, 2544),

Gene: Abidatro_3 Start: 758, Stop: 2338, Start Num: 224
Candidate Starts for Abidatro_3:
(Start: 164 @692 has 12 MA's), (Start: 224 @758 has 17 MA's), (Start: 300 @854 has 12 MA's), (306, 863), (374, 944), (401, 995), (409, 1010), (430, 1034), (443, 1055), (455, 1088), (554, 1193), (587, 1256), (607, 1307), (619, 1319), (625, 1331), (643, 1388), (674, 1448), (698, 1487), (704, 1496), (744, 1550), (896, 1766), (905, 1778), (923, 1817), (949, 1844), (963, 1859), (980, 1889), (1014, 1928), (1017, 1937), (1023, 1946), (1093, 2036), (1114, 2063), (1203, 2177), (1246, 2246),

Gene: Abigail_3 Start: 689, Stop: 2317, Start Num: 211
Candidate Starts for Abigail_3:
(Start: 211 @689 has 88 MA's), (330, 845), (409, 953), (459, 1037), (489, 1079), (554, 1136), (585, 1187), (586, 1190), (607, 1250), (622, 1268), (632, 1298), (642, 1328), (949, 1784), (963, 1799), (1222, 2150), (1249, 2198), (1318, 2306),

Gene: Abrogate_120 Start: 7663, Stop: 9351, Start Num: 102
Candidate Starts for Abrogate_120:
(Start: 102 @7663 has 391 MA's), (363, 7927), (379, 7951), (476, 8113), (500, 8146), (558, 8221), (593, 8311), (603, 8335), (621, 8362), (637, 8410), (720, 8566), (760, 8626), (930, 8851), (939, 8860), (952, 8872), (988, 8914), (995, 8935), (1020, 8962), (1096, 9070), (1182, 9160), (1246, 9265),

Gene: Abscondus_29 Start: 8433, Stop: 10181, Start Num: 127
Candidate Starts for Abscondus_29:
(Start: 127 @8433 has 26 MA's), (153, 8463), (277, 8589), (280, 8592), (378, 8706), (419, 8778), (433, 8817), (447, 8841), (478, 8889), (496, 8916), (619, 9138), (627, 9156), (704, 9318), (756, 9366), (766, 9381), (901, 9564), (905, 9570), (957, 9654), (991, 9741), (1016, 9774), (1084, 9888), (1115, 9924), (1134, 9948), (1159, 9963), (1273, 10137), (1278, 10143),

Gene: Acai_7 Start: 3707, Stop: 5446, Start Num: 217
Candidate Starts for Acai_7:
(169, 3653), (Start: 217 @3707 has 209 MA's), (287, 3806), (353, 3926), (357, 3929), (426, 4025), (446, 4067), (458, 4097), (482, 4127), (504, 4175), (525, 4196), (580, 4298), (604, 4367), (616, 4391), (647, 4481), (680, 4553), (713, 4628), (728, 4652), (791, 4757), (804, 4781), (868, 4862), (949, 4976), (967, 4994), (970, 5000), (1000, 5063), (1003, 5066), (1101, 5204), (1146, 5270), (1182, 5294), (1196,

5306), (1244, 5396), (1246, 5399),

Gene: AceofSpades_2 Start: 553, Stop: 2283, Start Num: 103
Candidate Starts for AceofSpades_2:
(Start: 103 @553 has 278 MA's), (Start: 224 @667 has 17 MA's), (350, 811), (430, 931), (434, 940), (462, 991), (476, 1009), (512, 1057), (572, 1150), (699, 1414), (930, 1726), (1038, 1879), (1096, 1954), (1106, 1969), (1171, 2047), (1196, 2098), (1256, 2206), (1298, 2269),

Gene: Achebe_11 Start: 6881, Stop: 8578, Start Num: 102
Candidate Starts for Achebe_11:
(Start: 102 @6881 has 391 MA's), (Start: 126 @6905 has 206 MA's), (363, 7151), (429, 7256), (473, 7334), (476, 7337), (503, 7376), (558, 7445), (569, 7469), (593, 7535), (634, 7625), (720, 7790), (751, 7835), (778, 7877), (798, 7910), (864, 7976), (913, 8048), (915, 8051), (928, 8075), (988, 8141), (1007, 8180), (1026, 8201), (1096, 8297), (1267, 8531), (1269, 8534), (1292, 8564), (1294, 8567),

Gene: Acme_13 Start: 7354, Stop: 9042, Start Num: 108
Candidate Starts for Acme_13:
(Start: 108 @7354 has 24 MA's), (292, 7525), (Start: 302 @7534 has 3 MA's), (363, 7618), (380, 7645), (383, 7654), (476, 7804), (500, 7837), (558, 7912), (593, 8002), (603, 8026), (621, 8053), (637, 8101), (720, 8257), (760, 8317), (930, 8542), (939, 8551), (952, 8563), (988, 8605), (995, 8626), (1020, 8653), (1096, 8761), (1182, 8851), (1246, 8956),

Gene: Acolyte_12 Start: 7615, Stop: 9396, Start Num: 103
Candidate Starts for Acolyte_12:
(Start: 103 @7615 has 278 MA's), (Start: 231 @7747 has 26 MA's), (262, 7804), (288, 7846), (406, 8008), (445, 8077), (473, 8128), (476, 8131), (503, 8170), (558, 8239), (593, 8329), (603, 8353), (646, 8452), (673, 8485), (992, 8971), (1007, 8998), (1026, 9019), (1096, 9115), (1269, 9352), (1290, 9379), (1292, 9382),

Gene: Acquire49_4 Start: 1052, Stop: 2635, Start Num: 149
Candidate Starts for Acquire49_4:
(Start: 149 @1052 has 70 MA's), (Start: 155 @1058 has 82 MA's), (284, 1229), (352, 1316), (374, 1334), (379, 1340), (396, 1376), (486, 1514), (488, 1517), (550, 1592), (582, 1646), (584, 1649), (585, 1652), (659, 1820), (684, 1874), (688, 1883), (700, 1898), (713, 1919), (737, 1958), (753, 1979), (757, 1985), (777, 2012), (808, 2054), (848, 2078), (866, 2096), (873, 2105), (876, 2111), (902, 2144), (918, 2177), (953, 2216), (962, 2222), (963, 2225), (990, 2270), (1031, 2336), (1069, 2387), (1087, 2402), (1093, 2411), (1111, 2426), (1114, 2429), (1207, 2531), (1224, 2558), (1252, 2609), (1254, 2612),

Gene: Adahisdi_12 Start: 7246, Stop: 8934, Start Num: 102
Candidate Starts for Adahisdi_12:
(Start: 102 @7246 has 391 MA's), (363, 7510), (379, 7534), (476, 7696), (500, 7729), (558, 7804), (593, 7894), (603, 7918), (621, 7945), (637, 7993), (720, 8149), (760, 8209), (930, 8434), (939, 8443), (952, 8455), (988, 8497), (995, 8518), (1020, 8545), (1096, 8653), (1182, 8743), (1246, 8848),

Gene: AddiRose_12 Start: 7437, Stop: 9197, Start Num: 219
Candidate Starts for AddiRose_12:
(Start: 214 @7431 has 4 MA's), (Start: 219 @7437 has 2 MA's), (287, 7533), (449, 7809), (458, 7833), (483, 7866), (504, 7911), (525, 7932), (574, 8025), (604, 8103), (621, 8139), (680, 8289), (728, 8388), (765, 8451), (770, 8460), (804, 8517), (859, 8601), (868, 8613), (967, 8745), (990, 8790), (1000, 8814), (1003, 8817), (1068, 8910), (1111, 8967), (1182, 9045), (1196, 9057), (1226, 9105), (1242, 9138), (1246, 9150),

Gene: Adelaide_2 Start: 371, Stop: 1957, Start Num: 202

Candidate Starts for Adelaide_2:
(Start: 202 @371 has 4 MA's), (Start: 205 @374 has 7 MA's), (Start: 211 @380 has 88 MA's), (341, 551), (374, 629), (380, 638), (483, 812), (575, 914), (582, 920), (586, 929), (587, 938), (618, 998), (635, 1046), (636, 1049), (719, 1112), (778, 1205), (832, 1271), (925, 1427), (944, 1445), (981, 1490), (1001, 1532), (1025, 1568), (1032, 1583), (1052, 1610), (1054, 1613), (1066, 1628), (1099, 1661), (1111, 1676), (1143, 1724), (1190, 1772), (1238, 1847), (1278, 1922), (1305, 1946),

Gene: Adnama_10 Start: 2509, Stop: 4179, Start Num: 301
Candidate Starts for Adnama_10:
(Start: 301 @2509 has 48 MA's), (344, 2572), (479, 2806), (548, 2908), (632, 3088), (641, 3112), (650, 3130), (663, 3142), (694, 3205), (698, 3217), (725, 3262), (734, 3277), (784, 3355), (811, 3400), (845, 3454), (851, 3460), (917, 3574), (946, 3622), (994, 3718), (1007, 3739), (1019, 3754), (1118, 3907), (1129, 3919), (1175, 3976), (1205, 4012), (1235, 4063), (1251, 4099), (1253, 4102), (1294, 4168),

Gene: Adolin_2 Start: 534, Stop: 2240, Start Num: 103
Candidate Starts for Adolin_2:
(12, 240), (13, 243), (Start: 103 @534 has 278 MA's), (Start: 122 @555 has 16 MA's), (Start: 224 @621 has 17 MA's), (444, 906), (476, 963), (572, 1101), (584, 1125), (596, 1155), (619, 1200), (646, 1275), (800, 1488), (828, 1527), (1064, 1869), (1096, 1905), (1106, 1920), (1119, 1938), (1196, 2055), (1217, 2091), (1251, 2151), (1256, 2163),

Gene: AdoptaAdorbs_2 Start: 370, Stop: 1992, Start Num: 182
Candidate Starts for AdoptaAdorbs_2:
(Start: 164 @349 has 12 MA's), (Start: 182 @370 has 18 MA's), (374, 601), (377, 604), (381, 613), (400, 649), (409, 667), (455, 745), (554, 850), (607, 964), (625, 988), (636, 1024), (643, 1045), (651, 1060), (682, 1120), (744, 1204), (896, 1420), (905, 1432), (916, 1459), (949, 1498), (953, 1504), (980, 1543), (1000, 1570), (1014, 1582), (1030, 1615), (1038, 1627), (1063, 1660), (1203, 1831), (1246, 1900), (1249, 1906), (1259, 1927), (1271, 1948), (1304, 1978), (1306, 1981), (1308, 1984),

Gene: Adora_2 Start: 318, Stop: 1901, Start Num: 134
Candidate Starts for Adora_2:
(Start: 134 @318 has 105 MA's), (251, 426), (313, 504), (332, 537), (396, 618), (397, 621), (402, 630), (431, 666), (461, 726), (550, 816), (552, 819), (573, 855), (596, 912), (599, 921), (607, 936), (642, 1008), (647, 1020), (679, 1071), (736, 1137), (760, 1179), (837, 1293), (873, 1338), (876, 1344), (895, 1365), (950, 1455), (952, 1458), (986, 1500), (1003, 1536), (1005, 1539), (1031, 1575), (1044, 1593), (1078, 1629), (1120, 1680), (1164, 1743), (1200, 1785), (1228, 1827),

Gene: Adumb2043_2 Start: 537, Stop: 2243, Start Num: 101
Candidate Starts for Adumb2043_2:
(Start: 101 @537 has 50 MA's), (Start: 224 @624 has 17 MA's), (444, 909), (476, 966), (491, 987), (512, 1014), (572, 1104), (646, 1278), (828, 1530), (915, 1653), (1038, 1833), (1096, 1908), (1106, 1923), (1196, 2058), (1217, 2094), (1244, 2142), (1251, 2154), (1256, 2166), (1298, 2229),

Gene: Adzzy_13 Start: 6261, Stop: 8045, Start Num: 103
Candidate Starts for Adzzy_13:
(Start: 103 @6261 has 278 MA's), (288, 6492), (350, 6579), (450, 6732), (473, 6774), (476, 6777), (558, 6888), (569, 6912), (571, 6915), (593, 6978), (603, 7002), (673, 7134), (1007, 7647), (1026, 7668), (1086, 7752), (1096, 7764), (1184, 7857), (1198, 7872), (1269, 8001), (1290, 8028), (1292, 8031),

Gene: Aeneas_13 Start: 7341, Stop: 9029, Start Num: 102
Candidate Starts for Aeneas_13:

(Start: 102 @7341 has 391 MA's), (363, 7605), (379, 7629), (476, 7791), (500, 7824), (558, 7899), (593, 7989), (603, 8013), (621, 8040), (637, 8088), (720, 8244), (760, 8304), (930, 8529), (939, 8538), (952, 8550), (988, 8592), (995, 8613), (1020, 8640), (1096, 8748), (1182, 8838), (1246, 8943),

Gene: Aflac_17 Start: 10511, Stop: 12256, Start Num: 217
Candidate Starts for Aflac_17:
(Start: 217 @10511 has 209 MA's), (222, 10517), (280, 10604), (287, 10610), (315, 10646), (343, 10700), (446, 10877), (504, 10985), (525, 11006), (547, 11048), (561, 11075), (604, 11177), (628, 11234), (647, 11291), (653, 11303), (680, 11363), (728, 11462), (731, 11468), (765, 11525), (804, 11591), (949, 11786), (991, 11852), (1000, 11873), (1003, 11876), (1131, 12056), (1179, 12101), (1182, 12104), (1196, 12116), (1244, 12206), (1246, 12209),

Gene: Agaliana_11 Start: 7055, Stop: 8743, Start Num: 102
Candidate Starts for Agaliana_11:
(Start: 102 @7055 has 391 MA's), (Start: 302 @7235 has 3 MA's), (363, 7319), (383, 7355), (406, 7382), (476, 7505), (558, 7613), (593, 7703), (603, 7727), (637, 7802), (720, 7958), (760, 8018), (930, 8243), (939, 8252), (952, 8264), (988, 8306), (995, 8327), (1020, 8354), (1096, 8462), (1182, 8552), (1246, 8657),

Gene: Agamotto_6 Start: 4384, Stop: 5916, Start Num: 212
Candidate Starts for Agamotto_6:
(Start: 212 @4384 has 5 MA's), (284, 4471), (381, 4591), (417, 4654), (467, 4741), (591, 4951), (599, 4975), (605, 4987), (631, 5044), (710, 5200), (721, 5221), (767, 5287), (770, 5293), (1033, 5653), (1104, 5719),

Gene: Agape74_14 Start: 7888, Stop: 9675, Start Num: 103
Candidate Starts for Agape74_14:
(Start: 103 @7888 has 278 MA's), (Start: 206 @7996 has 29 MA's), (226, 8017), (262, 8083), (264, 8089), (288, 8125), (309, 8149), (350, 8212), (473, 8407), (476, 8410), (558, 8518), (593, 8608), (603, 8632), (637, 8707), (663, 8749), (673, 8764), (857, 9064), (992, 9250), (1007, 9277), (1026, 9298), (1096, 9394), (1269, 9631), (1292, 9661),

Gene: Agatha_4 Start: 1113, Stop: 2792, Start Num: 176
Candidate Starts for Agatha_4:
(Start: 176 @1113 has 83 MA's), (Start: 224 @1164 has 17 MA's), (237, 1185), (Start: 239 @1188 has 2 MA's), (295, 1230), (350, 1311), (394, 1377), (406, 1386), (443, 1458), (450, 1473), (468, 1509), (476, 1518), (507, 1569), (572, 1668), (596, 1722), (619, 1758), (687, 1902), (706, 1938), (729, 1977), (747, 2010), (798, 2091), (814, 2115), (863, 2148), (890, 2181), (913, 2238), (917, 2247), (984, 2331), (995, 2358), (1038, 2418), (1112, 2514), (1185, 2586), (1196, 2598), (1265, 2718), (1311, 2778), (1313, 2781),

Gene: AgentM_9 Start: 6239, Stop: 8017, Start Num: 53
Candidate Starts for AgentM_9:
(Start: 53 @6239 has 20 MA's), (Start: 63 @6266 has 32 MA's), (114, 6335), (Start: 154 @6374 has 1 MA's), (228, 6449), (Start: 231 @6455 has 26 MA's), (350, 6587), (406, 6662), (407, 6665), (489, 6800), (521, 6839), (536, 6863), (593, 6971), (613, 7016), (643, 7094), (646, 7100), (743, 7265), (763, 7298), (778, 7319), (915, 7493), (928, 7517), (930, 7520), (988, 7580), (992, 7592), (1007, 7619), (1026, 7640), (1086, 7724), (1096, 7736), (1269, 7973), (1294, 8006), (1299, 8012),

Gene: Aggie_2 Start: 501, Stop: 2036, Start Num: 231
Candidate Starts for Aggie_2:
(Start: 231 @501 has 26 MA's), (Start: 234 @504 has 29 MA's), (243, 516), (Start: 245 @519 has 1 MA's), (282, 576), (Start: 297 @594 has 2 MA's), (309, 606), (368, 678), (380, 696), (390, 714), (400,

735), (443, 798), (459, 837), (487, 870), (508, 918), (573, 1002), (584, 1017), (601, 1068), (605, 1077), (623, 1101), (636, 1140), (637, 1143), (641, 1155), (713, 1281), (728, 1305), (769, 1368), (830, 1452), (886, 1524), (902, 1548), (925, 1590), (930, 1599), (977, 1656), (995, 1695), (1033, 1752), (1041, 1758), (1047, 1761), (1079, 1782), (1109, 1830), (1134, 1866), (1207, 1947), (1210, 1953),

Gene: Aglet_13 Start: 6958, Stop: 8658, Start Num: 104
Candidate Starts for Aglet_13:
(Start: 104 @6958 has 125 MA's), (151, 7006), (292, 7141), (426, 7333), (476, 7420), (593, 7618), (634, 7708), (671, 7771), (760, 7933), (915, 8131), (928, 8155), (930, 8158), (988, 8221), (995, 8242), (1026, 8281), (1096, 8377), (1134, 8431), (1182, 8467), (1269, 8614), (1292, 8644), (1294, 8647),

Gene: AgronaGT15_13 Start: 6865, Stop: 8565, Start Num: 104
Candidate Starts for AgronaGT15_13:
(Start: 104 @6865 has 125 MA's), (151, 6913), (292, 7048), (426, 7240), (476, 7327), (593, 7525), (634, 7615), (671, 7678), (760, 7840), (915, 8038), (928, 8062), (930, 8065), (988, 8128), (995, 8149), (1026, 8188), (1096, 8284), (1134, 8338), (1182, 8374), (1269, 8521), (1292, 8551), (1294, 8554),

Gene: Agueybana_2 Start: 498, Stop: 2222, Start Num: 206
Candidate Starts for Agueybana_2:
(Start: 193 @483 has 146 MA's), (Start: 206 @498 has 29 MA's), (280, 588), (283, 591), (356, 702), (403, 771), (426, 804), (437, 828), (439, 834), (450, 858), (452, 864), (483, 915), (536, 987), (633, 1185), (655, 1227), (664, 1233), (702, 1317), (723, 1344), (793, 1455), (809, 1482), (880, 1575), (926, 1659), (1092, 1932), (1094, 1935), (1098, 1941), (1115, 1962), (1137, 1995), (1141, 2001), (1177, 2049), (1185, 2058), (1205, 2082), (1226, 2100), (1253, 2157), (1295, 2214),

Gene: AikoCarson_3 Start: 805, Stop: 2487, Start Num: 176
Candidate Starts for AikoCarson_3:
(Start: 176 @805 has 83 MA's), (Start: 224 @856 has 17 MA's), (237, 877), (Start: 239 @880 has 2 MA's), (350, 1003), (380, 1042), (382, 1048), (394, 1069), (450, 1165), (468, 1201), (476, 1210), (507, 1261), (524, 1279), (572, 1360), (582, 1381), (596, 1414), (619, 1450), (687, 1594), (706, 1630), (729, 1669), (747, 1702), (778, 1750), (798, 1783), (814, 1807), (863, 1840), (913, 1930), (915, 1933), (917, 1939), (984, 2023), (988, 2029), (1007, 2068), (1038, 2110), (1222, 2329), (1265, 2410), (1311, 2473), (1313, 2476),

Gene: AinMach_2 Start: 571, Stop: 2274, Start Num: 101
Candidate Starts for AinMach_2:
(Start: 101 @571 has 50 MA's), (434, 928), (462, 979), (476, 997), (572, 1138), (596, 1192), (597, 1195), (646, 1312), (673, 1345), (758, 1459), (892, 1645), (915, 1687), (1096, 1942), (1106, 1957), (1119, 1975), (1128, 1984), (1144, 2011), (1174, 2059), (1217, 2125), (1256, 2197), (1278, 2230),

Gene: Airmid_9 Start: 6013, Stop: 7764, Start Num: 63
Candidate Starts for Airmid_9:
(Start: 53 @5986 has 20 MA's), (Start: 63 @6013 has 32 MA's), (Start: 105 @6073 has 1 MA's), (114, 6082), (Start: 154 @6121 has 1 MA's), (228, 6196), (Start: 231 @6202 has 26 MA's), (406, 6409), (407, 6412), (521, 6586), (593, 6718), (613, 6763), (643, 6841), (646, 6847), (743, 7012), (763, 7045), (778, 7066), (915, 7240), (928, 7264), (1007, 7366), (1026, 7387), (1061, 7441), (1086, 7471), (1096, 7483), (1134, 7537), (1267, 7717), (1269, 7720), (1294, 7753), (1299, 7759),

Gene: Ajay_11 Start: 7051, Stop: 8739, Start Num: 102
Candidate Starts for Ajay_11:
(Start: 102 @7051 has 391 MA's), (363, 7315), (379, 7339), (476, 7501), (500, 7534), (558, 7609), (593, 7699), (603, 7723), (637, 7798), (720, 7954), (727, 7963), (758, 8011), (760, 8014), (930, 8239), (939, 8248), (952, 8260), (988, 8302), (995, 8323), (1020, 8350), (1096, 8458), (1182, 8548), (1246,

8653),

Gene: Akhila_3 Start: 1235, Stop: 2872, Start Num: 126
Candidate Starts for Akhila_3:
(Start: 126 @1235 has 206 MA's), (Start: 139 @1250 has 1 MA's), (Start: 147 @1259 has 3 MA's), (153, 1265), (Start: 184 @1292 has 3 MA's), (Start: 217 @1316 has 209 MA's), (Start: 219 @1319 has 2 MA's), (271, 1382), (291, 1400), (310, 1421), (372, 1508), (375, 1514), (419, 1568), (433, 1580), (445, 1601), (447, 1604), (454, 1625), (467, 1646), (482, 1661), (519, 1718), (543, 1757), (580, 1826), (584, 1832), (597, 1862), (598, 1865), (603, 1874), (612, 1889), (621, 1907), (638, 1958), (695, 2060), (845, 2231), (859, 2243), (872, 2261), (915, 2327), (934, 2357), (937, 2360), (940, 2363), (988, 2420), (993, 2435), (995, 2441), (996, 2444), (1007, 2459), (1020, 2468), (1062, 2537), (1082, 2567), (1084, 2576), (1112, 2609), (1140, 2642), (1176, 2669), (1202, 2702), (1219, 2729), (1222, 2732), (1235, 2753), (1246, 2777), (1251, 2786), (1253, 2789), (1284, 2846),

Gene: Akino08_3 Start: 952, Stop: 2577, Start Num: 211
Candidate Starts for Akino08_3:
(Start: 211 @952 has 88 MA's), (237, 988), (330, 1108), (409, 1216), (426, 1231), (459, 1300), (491, 1345), (585, 1450), (586, 1453), (607, 1513), (622, 1531), (623, 1534), (632, 1561), (642, 1591), (744, 1753), (898, 1969), (949, 2044), (962, 2056), (1222, 2410),

Gene: AlainaMarie_17 Start: 10501, Stop: 12246, Start Num: 217
Candidate Starts for AlainaMarie_17:
(Start: 217 @10501 has 209 MA's), (222, 10507), (280, 10594), (287, 10600), (315, 10636), (343, 10690), (345, 10696), (402, 10792), (446, 10867), (504, 10975), (525, 10996), (561, 11065), (604, 11167), (628, 11224), (647, 11281), (653, 11293), (680, 11353), (728, 11452), (731, 11458), (765, 11515), (804, 11581), (940, 11767), (949, 11776), (982, 11818), (991, 11842), (1000, 11863), (1003, 11866), (1179, 12091), (1182, 12094), (1196, 12106), (1244, 12196), (1246, 12199),

Gene: Alatin_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Alatin_8:
(Start: 104 @3156 has 125 MA's), (Start: 302 @3342 has 3 MA's), (350, 3414), (363, 3426), (379, 3450), (383, 3462), (476, 3615), (489, 3630), (536, 3690), (593, 3798), (621, 3855), (718, 4053), (729, 4071), (763, 4125), (866, 4236), (892, 4269), (915, 4311), (936, 4344), (992, 4413), (1096, 4557), (1130, 4602), (1196, 4662), (1251, 4761), (1269, 4794), (1290, 4821), (1292, 4824), (1294, 4827),

Gene: Albanese_5 Start: 3132, Stop: 4697, Start Num: 155
Candidate Starts for Albanese_5:
(Start: 155 @3132 has 82 MA's), (Start: 300 @3306 has 12 MA's), (Start: 324 @3342 has 4 MA's), (374, 3396), (396, 3438), (409, 3462), (489, 3588), (573, 3702), (584, 3717), (586, 3723), (607, 3783), (636, 3843), (740, 3942), (759, 3972), (797, 4035), (815, 4068), (883, 4155), (923, 4230), (953, 4263), (977, 4299), (1030, 4374), (1044, 4395), (1093, 4416), (1141, 4485), (1222, 4563), (1244, 4602), (1264, 4632), (1272, 4644), (1308, 4683), (1315, 4692),

Gene: Albedo_3 Start: 677, Stop: 2305, Start Num: 211
Candidate Starts for Albedo_3:
(Start: 211 @677 has 88 MA's), (330, 833), (409, 941), (459, 1025), (479, 1049), (489, 1067), (554, 1124), (585, 1175), (586, 1178), (607, 1238), (622, 1256), (632, 1286), (642, 1316), (949, 1772), (963, 1787), (1222, 2138), (1249, 2186), (1318, 2294),

Gene: Albee_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Albee_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472),

(593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Alberto7_12 Start: 7189, Stop: 8886, Start Num: 102
Candidate Starts for Alberto7_12:
(Start: 102 @7189 has 391 MA's), (Start: 126 @7213 has 206 MA's), (Start: 239 @7336 has 2 MA's), (339, 7426), (363, 7459), (426, 7558), (473, 7642), (476, 7645), (503, 7684), (558, 7753), (569, 7777), (593, 7843), (634, 7933), (720, 8098), (778, 8185), (798, 8218), (864, 8284), (913, 8356), (915, 8359), (928, 8383), (980, 8434), (988, 8449), (1007, 8488), (1026, 8509), (1096, 8605), (1269, 8842), (1292, 8872), (1294, 8875),

Gene: Albright_3 Start: 689, Stop: 2317, Start Num: 211
Candidate Starts for Albright_3:
(Start: 211 @689 has 88 MA's), (330, 845), (409, 953), (459, 1037), (489, 1079), (554, 1136), (585, 1187), (586, 1190), (607, 1250), (622, 1268), (632, 1298), (642, 1328), (949, 1784), (963, 1799), (1222, 2150), (1249, 2198), (1318, 2306),

Gene: Aldrich_12 Start: 7559, Stop: 9247, Start Num: 102
Candidate Starts for Aldrich_12:
(Start: 102 @7559 has 391 MA's), (Start: 302 @7739 has 3 MA's), (363, 7823), (383, 7859), (406, 7886), (476, 8009), (500, 8042), (558, 8117), (593, 8207), (603, 8231), (621, 8258), (637, 8306), (679, 8375), (714, 8450), (720, 8462), (727, 8471), (760, 8522), (930, 8747), (939, 8756), (952, 8768), (988, 8810), (995, 8831), (1020, 8858), (1096, 8966), (1182, 9056), (1246, 9161),

Gene: Aledel_2 Start: 429, Stop: 1994, Start Num: 155
Candidate Starts for Aledel_2:
(Start: 155 @429 has 82 MA's), (Start: 297 @600 has 2 MA's), (374, 693), (409, 759), (430, 783), (455, 837), (554, 966), (607, 1080), (636, 1140), (647, 1170), (759, 1269), (768, 1284), (815, 1365), (883, 1452), (923, 1527), (925, 1530), (953, 1560), (1015, 1644), (1044, 1692), (1096, 1716), (1182, 1806), (1222, 1860), (1272, 1941), (1308, 1980),

Gene: AlexMinion_2 Start: 373, Stop: 1995, Start Num: 182
Candidate Starts for AlexMinion_2:
(Start: 164 @352 has 12 MA's), (Start: 182 @373 has 18 MA's), (Start: 300 @514 has 12 MA's), (374, 604), (381, 616), (400, 652), (409, 670), (455, 748), (554, 853), (586, 907), (587, 916), (607, 967), (625, 991), (636, 1027), (643, 1048), (682, 1123), (744, 1207), (896, 1423), (905, 1435), (916, 1462), (949, 1501), (953, 1507), (980, 1546), (1014, 1585), (1030, 1618), (1063, 1663), (1157, 1780), (1189, 1816), (1203, 1834), (1246, 1903), (1249, 1909), (1259, 1930), (1304, 1981), (1306, 1984),

Gene: Aliter_13 Start: 8037, Stop: 9824, Start Num: 103
Candidate Starts for Aliter_13:
(Start: 103 @8037 has 278 MA's), (Start: 117 @8052 has 12 MA's), (Start: 123 @8058 has 9 MA's), (Start: 231 @8169 has 26 MA's), (288, 8268), (406, 8430), (445, 8502), (476, 8556), (503, 8595), (558, 8667), (593, 8757), (603, 8781), (663, 8898), (673, 8913), (727, 9021), (776, 9096), (798, 9132), (837, 9192), (920, 9312), (936, 9333), (980, 9372), (1007, 9426), (1015, 9429), (1026, 9447), (1061, 9501), (1086, 9531), (1096, 9543), (1182, 9633), (1198, 9651), (1269, 9780), (1290, 9807), (1292, 9810),

Gene: AllBusiness_5 Start: 1989, Stop: 3686, Start Num: 197
Candidate Starts for AllBusiness_5:
(143, 1929), (Start: 197 @1989 has 23 MA's), (282, 2109), (Start: 300 @2130 has 12 MA's), (330, 2178), (377, 2223), (379, 2226), (400, 2268), (409, 2286), (412, 2289), (414, 2292), (430, 2310), (554, 2469), (586, 2523), (607, 2583), (643, 2664), (680, 2739), (768, 2895), (815, 2961), (829, 2976), (908,

3123), (918, 3156), (963, 3204), (986, 3246), (1038, 3318), (1096, 3360), (1126, 3402), (1203, 3477), (1205, 3480), (1246, 3549), (1292, 3627), (1318, 3675),

Gene: Alma_13 Start: 8116, Stop: 9903, Start Num: 103
Candidate Starts for Alma_13:
(Start: 103 @8116 has 278 MA's), (Start: 117 @8131 has 12 MA's), (Start: 123 @8137 has 9 MA's), (Start: 231 @8248 has 26 MA's), (288, 8347), (406, 8509), (445, 8581), (476, 8635), (503, 8674), (558, 8746), (593, 8836), (603, 8860), (663, 8977), (673, 8992), (727, 9100), (776, 9175), (798, 9211), (837, 9271), (920, 9391), (936, 9412), (980, 9451), (1007, 9505), (1015, 9508), (1026, 9526), (1061, 9580), (1086, 9610), (1096, 9622), (1182, 9712), (1198, 9730), (1269, 9859), (1290, 9886), (1292, 9889),

Gene: Aloe25_17 Start: 10301, Stop: 12046, Start Num: 217
Candidate Starts for Aloe25_17:
(Start: 217 @10301 has 209 MA's), (222, 10307), (280, 10394), (287, 10400), (315, 10436), (343, 10490), (446, 10667), (469, 10712), (504, 10775), (525, 10796), (561, 10865), (604, 10967), (628, 11024), (647, 11081), (653, 11093), (680, 11153), (728, 11252), (731, 11258), (765, 11315), (804, 11381), (949, 11576), (982, 11618), (991, 11642), (1000, 11663), (1003, 11666), (1182, 11894), (1196, 11906), (1244, 11996), (1246, 11999),

Gene: Alpacados_7 Start: 3118, Stop: 4800, Start Num: 104
Candidate Starts for Alpacados_7:
(Start: 104 @3118 has 125 MA's), (Start: 302 @3304 has 3 MA's), (350, 3376), (363, 3388), (379, 3412), (383, 3424), (489, 3592), (536, 3652), (569, 3709), (571, 3712), (593, 3760), (718, 4015), (729, 4033), (763, 4087), (892, 4231), (915, 4273), (936, 4306), (988, 4363), (992, 4375), (1096, 4519), (1130, 4564), (1196, 4624), (1251, 4723), (1269, 4756), (1290, 4783), (1292, 4786), (1294, 4789),

Gene: AlpineSix_2 Start: 605, Stop: 2218, Start Num: 147
Candidate Starts for AlpineSix_2:
(Start: 117 @578 has 12 MA's), (Start: 126 @581 has 206 MA's), (Start: 147 @605 has 3 MA's), (Start: 184 @638 has 3 MA's), (Start: 217 @662 has 209 MA's), (Start: 219 @665 has 2 MA's), (271, 728), (310, 767), (372, 854), (375, 860), (419, 914), (442, 938), (445, 947), (447, 950), (454, 971), (467, 992), (519, 1064), (543, 1103), (580, 1172), (584, 1178), (597, 1208), (598, 1211), (603, 1220), (612, 1235), (621, 1253), (638, 1304), (689, 1397), (695, 1406), (845, 1577), (859, 1589), (915, 1673), (934, 1703), (937, 1706), (940, 1709), (988, 1766), (993, 1781), (995, 1787), (996, 1790), (1007, 1805), (1020, 1814), (1062, 1883), (1082, 1913), (1084, 1922), (1112, 1955), (1140, 1988), (1176, 2015), (1202, 2048), (1214, 2069), (1219, 2075), (1222, 2078), (1235, 2099), (1246, 2123), (1251, 2132), (1253, 2135), (1284, 2192),

Gene: Alsaber_7 Start: 2515, Stop: 4161, Start Num: 75
Candidate Starts for Alsaber_7:
(Start: 70 @2506 has 1 MA's), (Start: 75 @2515 has 95 MA's), (Start: 78 @2518 has 1 MA's), (Start: 92 @2533 has 10 MA's), (325, 2737), (350, 2773), (382, 2818), (443, 2911), (450, 2926), (462, 2953), (468, 2962), (480, 2974), (543, 3061), (571, 3109), (593, 3157), (638, 3256), (663, 3295), (751, 3409), (763, 3430), (786, 3469), (866, 3550), (915, 3619), (917, 3625), (927, 3640), (980, 3703), (1062, 3835), (1096, 3877), (1116, 3904), (1130, 3922), (1251, 4078),

Gene: Alsfro_15 Start: 7794, Stop: 9482, Start Num: 102
Candidate Starts for Alsfro_15:
(Start: 102 @7794 has 391 MA's), (363, 8058), (379, 8082), (476, 8244), (500, 8277), (558, 8352), (593, 8442), (603, 8466), (621, 8493), (637, 8541), (679, 8610), (720, 8697), (727, 8706), (758, 8754), (760, 8757), (939, 8991), (952, 9003), (988, 9045), (995, 9066), (1020, 9093), (1096, 9201), (1182, 9291), (1246, 9396),

Gene: Altjira_7 Start: 3413, Stop: 5146, Start Num: 217
Candidate Starts for Altjira_7:
(Start: 217 @3413 has 209 MA's), (287, 3512), (343, 3602), (438, 3749), (458, 3797), (504, 3875), (523, 3893), (525, 3896), (561, 3965), (604, 4067), (616, 4091), (636, 4148), (680, 4253), (728, 4352), (744, 4382), (770, 4424), (804, 4481), (859, 4550), (868, 4562), (949, 4676), (967, 4694), (1000, 4763), (1003, 4766), (1146, 4970), (1182, 4994), (1196, 5006), (1203, 5018), (1224, 5051), (1244, 5096), (1246, 5099),

Gene: Altman_12 Start: 7589, Stop: 9277, Start Num: 102
Candidate Starts for Altman_12:
(Start: 102 @7589 has 391 MA's), (363, 7853), (379, 7877), (476, 8039), (500, 8072), (558, 8147), (593, 8237), (603, 8261), (621, 8288), (637, 8336), (720, 8492), (760, 8552), (939, 8786), (952, 8798), (988, 8840), (995, 8861), (1020, 8888), (1096, 8996), (1182, 9086), (1246, 9191),

Gene: Altostratus_2 Start: 390, Stop: 1988, Start Num: 187
Candidate Starts for Altostratus_2:
(125, 318), (Start: 187 @390 has 2 MA's), (282, 507), (381, 630), (554, 918), (586, 972), (587, 981), (605, 1029), (636, 1092), (637, 1095), (836, 1371), (844, 1383), (906, 1470), (914, 1494), (918, 1503), (953, 1542), (973, 1569), (974, 1572), (1020, 1632), (1099, 1704), (1143, 1767), (1182, 1788), (1189, 1797), (1220, 1836), (1237, 1863), (1286, 1950), (1291, 1956),

Gene: Alucard_3 Start: 1074, Stop: 2534, Start Num: 193
Candidate Starts for Alucard_3:
(Start: 193 @1074 has 146 MA's), (Start: 198 @1080 has 6 MA's), (325, 1242), (330, 1251), (377, 1311), (415, 1380), (431, 1401), (455, 1452), (606, 1656), (744, 1869), (753, 1884), (777, 1920), (804, 1962), (832, 1995), (840, 2013), (923, 2133), (925, 2136), (936, 2148), (990, 2223), (1031, 2286), (1044, 2304), (1045, 2307), (1186, 2469), (1199, 2478), (1205, 2487), (1232, 2526),

Gene: AlumE_2 Start: 498, Stop: 2222, Start Num: 206
Candidate Starts for AlumE_2:
(Start: 193 @483 has 146 MA's), (Start: 206 @498 has 29 MA's), (280, 588), (426, 804), (437, 828), (439, 834), (450, 858), (483, 915), (536, 987), (633, 1185), (655, 1227), (664, 1233), (702, 1317), (723, 1344), (793, 1455), (809, 1482), (926, 1659), (1092, 1932), (1094, 1935), (1098, 1941), (1115, 1962), (1141, 2001), (1177, 2049), (1185, 2058), (1205, 2082), (1226, 2100), (1253, 2157), (1295, 2214),

Gene: Alvin_12 Start: 7262, Stop: 8950, Start Num: 102
Candidate Starts for Alvin_12:
(Start: 102 @7262 has 391 MA's), (363, 7526), (379, 7550), (476, 7712), (500, 7745), (558, 7820), (593, 7910), (603, 7934), (621, 7961), (637, 8009), (720, 8165), (760, 8225), (930, 8450), (939, 8459), (952, 8471), (988, 8513), (995, 8534), (1020, 8561), (1096, 8669), (1182, 8759), (1246, 8864),

Gene: Alvy_8 Start: 2347, Stop: 3993, Start Num: 75
Candidate Starts for Alvy_8:
(Start: 75 @2347 has 95 MA's), (Start: 239 @2497 has 2 MA's), (363, 2617), (382, 2650), (443, 2743), (450, 2758), (462, 2785), (480, 2806), (543, 2893), (582, 2965), (593, 2989), (638, 3088), (654, 3124), (716, 3229), (766, 3265), (786, 3301), (800, 3319), (913, 3448), (915, 3451), (920, 3463), (927, 3472), (930, 3478), (933, 3481), (992, 3562), (1007, 3589), (1064, 3670), (1096, 3709), (1112, 3730), (1130, 3754), (1179, 3796), (1196, 3814), (1251, 3910), (1300, 3988),

Gene: Amanises_4 Start: 958, Stop: 2538, Start Num: 224
Candidate Starts for Amanises_4:
(Start: 164 @892 has 12 MA's), (Start: 224 @958 has 17 MA's), (Start: 300 @1054 has 12 MA's), (306, 1063), (Start: 314 @1072 has 1 MA's), (355, 1117), (374, 1144), (381, 1156), (401, 1195), (409, 1210),

(430, 1234), (443, 1255), (587, 1456), (607, 1507), (636, 1567), (643, 1588), (674, 1648), (687, 1678), (698, 1687), (744, 1750), (905, 1978), (923, 2017), (949, 2044), (963, 2059), (980, 2089), (1014, 2128), (1063, 2206), (1093, 2236), (1114, 2263), (1246, 2446), (1249, 2452), (1259, 2473), (1306, 2527),

Gene: Amao_9 Start: 2303, Stop: 3973, Start Num: 296
Candidate Starts for Amao_9:
(Start: 296 @2303 has 11 MA's), (479, 2600), (548, 2702), (632, 2882), (641, 2906), (650, 2924), (663, 2936), (694, 2999), (698, 3011), (725, 3056), (734, 3071), (784, 3149), (811, 3194), (845, 3248), (851, 3254), (917, 3368), (994, 3512), (1019, 3548), (1118, 3701), (1129, 3713), (1175, 3770), (1205, 3806), (1235, 3857), (1251, 3893), (1253, 3896), (1294, 3962),

Gene: Amela_6 Start: 2575, Stop: 4221, Start Num: 75
Candidate Starts for Amela_6:
(Start: 70 @2566 has 1 MA's), (Start: 75 @2575 has 95 MA's), (Start: 78 @2578 has 1 MA's), (Start: 92 @2593 has 10 MA's), (171, 2647), (189, 2671), (325, 2797), (382, 2878), (443, 2971), (450, 2986), (462, 3013), (468, 3022), (480, 3034), (543, 3121), (571, 3169), (593, 3217), (638, 3316), (663, 3355), (751, 3469), (763, 3490), (786, 3529), (915, 3679), (917, 3685), (927, 3700), (936, 3712), (980, 3763), (1007, 3817), (1062, 3895), (1064, 3898), (1096, 3937), (1116, 3964), (1130, 3982), (1251, 4138),

Gene: Amelia_4 Start: 1013, Stop: 2494, Start Num: 300
Candidate Starts for Amelia_4:
(Start: 164 @848 has 12 MA's), (Start: 300 @1013 has 12 MA's), (325, 1052), (374, 1103), (381, 1115), (400, 1151), (409, 1169), (554, 1352), (607, 1466), (619, 1478), (636, 1526), (643, 1547), (651, 1562), (682, 1619), (905, 1934), (949, 2000), (962, 2012), (980, 2045), (1014, 2084), (1017, 2093), (1020, 2096), (1063, 2162), (1093, 2192), (1126, 2237), (1157, 2279), (1182, 2306), (1184, 2309), (1246, 2402), (1249, 2408), (1259, 2429), (1265, 2441), (1304, 2480), (1306, 2483),

Gene: AmericanBeauty_10 Start: 2506, Stop: 4176, Start Num: 301
Candidate Starts for AmericanBeauty_10:
(Start: 301 @2506 has 48 MA's), (344, 2569), (479, 2803), (548, 2905), (632, 3085), (641, 3109), (650, 3127), (663, 3139), (694, 3202), (698, 3214), (725, 3259), (734, 3274), (784, 3352), (811, 3397), (845, 3451), (851, 3457), (917, 3571), (946, 3619), (994, 3715), (1007, 3736), (1019, 3751), (1118, 3904), (1129, 3916), (1175, 3973), (1205, 4009), (1235, 4060), (1251, 4096), (1253, 4099), (1294, 4165),

Gene: Amethyst_6 Start: 2142, Stop: 3791, Start Num: 75
Candidate Starts for Amethyst_6:
(Start: 75 @2142 has 95 MA's), (189, 2241), (309, 2340), (325, 2367), (363, 2415), (382, 2448), (450, 2556), (462, 2583), (480, 2604), (515, 2649), (543, 2691), (582, 2763), (593, 2787), (638, 2886), (654, 2922), (673, 2940), (763, 3060), (766, 3063), (786, 3099), (866, 3180), (888, 3201), (927, 3270), (936, 3282), (980, 3333), (1007, 3387), (1096, 3507), (1112, 3528), (1130, 3552), (1196, 3612), (1251, 3708), (1300, 3786),

Gene: AmiCi24_2 Start: 370, Stop: 1992, Start Num: 182
Candidate Starts for AmiCi24_2:
(Start: 164 @349 has 12 MA's), (Start: 182 @370 has 18 MA's), (374, 601), (377, 604), (381, 613), (400, 649), (409, 667), (455, 745), (554, 850), (607, 964), (625, 988), (636, 1024), (643, 1045), (651, 1060), (682, 1120), (744, 1204), (896, 1420), (905, 1432), (916, 1459), (949, 1498), (953, 1504), (980, 1543), (1000, 1570), (1014, 1582), (1030, 1615), (1038, 1627), (1063, 1660), (1203, 1831), (1246, 1900), (1249, 1906), (1259, 1927), (1271, 1948), (1304, 1978), (1306, 1981), (1308, 1984),

Gene: Amochick_5 Start: 1855, Stop: 3489, Start Num: 84
Candidate Starts for Amochick_5:

(Start: 84 @1855 has 21 MA's), (Start: 128 @1894 has 3 MA's), (199, 1942), (332, 2113), (373, 2152), (487, 2332), (494, 2341), (499, 2350), (550, 2413), (555, 2419), (594, 2503), (595, 2506), (596, 2509), (642, 2605), (643, 2608), (647, 2617), (690, 2683), (720, 2713), (738, 2740), (758, 2773), (772, 2794), (774, 2797), (837, 2893), (855, 2914), (914, 3004), (950, 3046), (965, 3064), (968, 3070), (1005, 3133), (1009, 3139), (1017, 3142), (1044, 3187), (1047, 3193), (1069, 3220), (1087, 3235), (1130, 3286), (1135, 3295), (1145, 3310), (1148, 3313), (1176, 3352), (1188, 3367), (1200, 3382), (1202, 3385), (1263, 3463), (1267, 3469),

Gene: Amok_3 Start: 806, Stop: 2488, Start Num: 176
Candidate Starts for Amok_3:
(Start: 176 @806 has 83 MA's), (Start: 224 @857 has 17 MA's), (237, 878), (Start: 239 @881 has 2 MA's), (382, 1049), (406, 1079), (443, 1151), (450, 1166), (468, 1202), (476, 1211), (480, 1214), (507, 1262), (558, 1331), (572, 1361), (582, 1382), (597, 1418), (619, 1451), (671, 1556), (687, 1595), (706, 1631), (729, 1670), (747, 1703), (778, 1751), (798, 1784), (814, 1808), (863, 1841), (917, 1940), (920, 1946), (984, 2024), (1007, 2069), (1038, 2111), (1112, 2207), (1222, 2330), (1265, 2411), (1311, 2474), (1313, 2477),

Gene: Amphitrite_2 Start: 368, Stop: 1990, Start Num: 182
Candidate Starts for Amphitrite_2:
(Start: 164 @347 has 12 MA's), (Start: 182 @368 has 18 MA's), (374, 599), (377, 602), (381, 611), (400, 647), (409, 665), (455, 743), (554, 848), (607, 962), (625, 986), (636, 1022), (643, 1043), (651, 1058), (682, 1118), (744, 1202), (896, 1418), (905, 1430), (916, 1457), (949, 1496), (953, 1502), (980, 1541), (1000, 1568), (1014, 1580), (1030, 1613), (1038, 1625), (1063, 1658), (1189, 1811), (1203, 1829), (1246, 1898), (1249, 1904), (1259, 1925), (1271, 1946), (1304, 1976), (1306, 1979), (1308, 1982),

Gene: Amploria_2 Start: 537, Stop: 2243, Start Num: 101
Candidate Starts for Amploria_2:
(Start: 101 @537 has 50 MA's), (Start: 224 @624 has 17 MA's), (444, 909), (476, 966), (491, 987), (512, 1014), (572, 1104), (646, 1278), (828, 1530), (915, 1653), (1038, 1833), (1096, 1908), (1106, 1923), (1196, 2058), (1217, 2094), (1244, 2142), (1251, 2154), (1256, 2166),

Gene: Amyev_2 Start: 533, Stop: 2239, Start Num: 101
Candidate Starts for Amyev_2:
(Start: 101 @533 has 50 MA's), (203, 599), (444, 905), (476, 962), (491, 983), (512, 1010), (572, 1100), (596, 1154), (619, 1199), (646, 1274), (828, 1526), (915, 1649), (1038, 1829), (1096, 1904), (1106, 1919), (1196, 2054), (1251, 2150), (1256, 2162),

Gene: Amymech_5 Start: 1855, Stop: 3489, Start Num: 84
Candidate Starts for Amymech_5:
(Start: 84 @1855 has 21 MA's), (Start: 128 @1894 has 3 MA's), (199, 1942), (332, 2113), (373, 2152), (487, 2332), (494, 2341), (499, 2350), (550, 2413), (555, 2419), (594, 2503), (595, 2506), (596, 2509), (642, 2605), (643, 2608), (647, 2617), (690, 2683), (720, 2713), (738, 2740), (758, 2773), (772, 2794), (774, 2797), (837, 2893), (855, 2914), (914, 3004), (950, 3046), (965, 3064), (968, 3070), (1005, 3133), (1009, 3139), (1017, 3142), (1044, 3187), (1047, 3193), (1069, 3220), (1087, 3235), (1130, 3286), (1135, 3295), (1145, 3310), (1148, 3313), (1176, 3352), (1188, 3367), (1200, 3382), (1202, 3385), (1263, 3463), (1267, 3469),

Gene: Anandi_8 Start: 3773, Stop: 5515, Start Num: 217
Candidate Starts for Anandi_8:
(Start: 211 @3767 has 88 MA's), (Start: 217 @3773 has 209 MA's), (259, 3848), (287, 3872), (353, 3992), (426, 4091), (431, 4103), (458, 4163), (504, 4241), (525, 4262), (580, 4364), (604, 4433), (616, 4457), (680, 4619), (699, 4664), (713, 4694), (728, 4718), (791, 4823), (804, 4847), (832, 4886), (868,

4931), (897, 4979), (949, 5045), (967, 5063), (970, 5069), (1000, 5132), (1003, 5135), (1097, 5267), (1131, 5315), (1182, 5363), (1196, 5375), (1244, 5465), (1246, 5468),

Gene: Anatole_3 Start: 1202, Stop: 2782, Start Num: 211
Candidate Starts for Anatole_3:
(Start: 202 @1193 has 4 MA's), (Start: 205 @1196 has 7 MA's), (Start: 211 @1202 has 88 MA's), (Start: 231 @1229 has 26 MA's), (253, 1262), (282, 1292), (Start: 297 @1310 has 2 MA's), (Start: 300 @1313 has 12 MA's), (312, 1328), (Start: 324 @1349 has 4 MA's), (325, 1352), (394, 1439), (400, 1451), (409, 1469), (421, 1499), (422, 1502), (456, 1574), (460, 1580), (487, 1616), (491, 1622), (517, 1655), (559, 1712), (584, 1754), (586, 1760), (623, 1841), (635, 1877), (636, 1880), (646, 1907), (651, 1916), (669, 1952), (784, 2096), (808, 2126), (829, 2153), (836, 2168), (844, 2180), (877, 2222), (898, 2264), (906, 2273), (914, 2297), (953, 2345), (962, 2351), (973, 2372), (974, 2375), (1015, 2429), (1031, 2459), (1093, 2498), (1111, 2522), (1133, 2555), (1165, 2573), (1189, 2600), (1196, 2606), (1203, 2618), (1235, 2666), (1249, 2696), (1298, 2771),

Gene: Anaysia_14 Start: 6686, Stop: 8383, Start Num: 103
Candidate Starts for Anaysia_14:
(Start: 103 @6686 has 278 MA's), (121, 6704), (292, 6866), (406, 7022), (445, 7091), (476, 7145), (558, 7253), (571, 7280), (593, 7343), (603, 7367), (928, 7883), (988, 7946), (1015, 7988), (1096, 8102), (1196, 8207), (1269, 8339), (1290, 8366), (1292, 8369), (1294, 8372),

Gene: AndPeggy_3 Start: 1120, Stop: 2799, Start Num: 176
Candidate Starts for AndPeggy_3:
(Start: 176 @1120 has 83 MA's), (Start: 224 @1171 has 17 MA's), (237, 1192), (Start: 239 @1195 has 2 MA's), (295, 1237), (343, 1303), (382, 1363), (394, 1384), (406, 1393), (450, 1480), (468, 1516), (476, 1525), (507, 1576), (572, 1675), (582, 1696), (596, 1729), (619, 1765), (687, 1909), (706, 1945), (729, 1984), (821, 2131), (863, 2155), (917, 2254), (984, 2338), (1038, 2425), (1112, 2521), (1170, 2569), (1185, 2593), (1222, 2644), (1265, 2725), (1311, 2785), (1313, 2788),

Gene: Andies_2 Start: 501, Stop: 2036, Start Num: 231
Candidate Starts for Andies_2:
(Start: 231 @501 has 26 MA's), (Start: 234 @504 has 29 MA's), (243, 516), (Start: 245 @519 has 1 MA's), (282, 576), (Start: 297 @594 has 2 MA's), (309, 606), (368, 678), (380, 696), (390, 714), (400, 735), (443, 798), (459, 837), (487, 870), (508, 918), (573, 1002), (584, 1017), (601, 1068), (605, 1077), (623, 1101), (636, 1140), (637, 1143), (641, 1155), (713, 1281), (728, 1305), (769, 1368), (830, 1452), (886, 1524), (902, 1548), (925, 1590), (930, 1599), (977, 1656), (995, 1695), (1033, 1752), (1041, 1758), (1047, 1761), (1079, 1782), (1109, 1830), (1134, 1866), (1207, 1947), (1210, 1953),

Gene: Andrew_3 Start: 741, Stop: 2363, Start Num: 182
Candidate Starts for Andrew_3:
(Start: 164 @720 has 12 MA's), (Start: 182 @741 has 18 MA's), (Start: 300 @882 has 12 MA's), (309, 894), (325, 921), (374, 972), (377, 975), (381, 984), (395, 1011), (400, 1020), (409, 1038), (455, 1116), (554, 1221), (587, 1284), (607, 1335), (619, 1347), (625, 1359), (636, 1395), (640, 1407), (643, 1416), (651, 1431), (682, 1491), (744, 1575), (896, 1791), (905, 1803), (949, 1869), (953, 1875), (980, 1914), (1014, 1953), (1030, 1986), (1063, 2031), (1157, 2148), (1189, 2184), (1203, 2202), (1246, 2271), (1249, 2277), (1259, 2298), (1273, 2322), (1304, 2349), (1306, 2352),

Gene: Andris_6 Start: 2176, Stop: 3822, Start Num: 75
Candidate Starts for Andris_6:
(Start: 75 @2176 has 95 MA's), (88, 2188), (363, 2446), (382, 2479), (443, 2572), (462, 2614), (480, 2635), (543, 2722), (582, 2794), (593, 2818), (638, 2917), (654, 2953), (673, 2971), (766, 3094), (786, 3130), (920, 3292), (927, 3301), (1007, 3418), (1064, 3499), (1096, 3538), (1112, 3559), (1130, 3583), (1196, 3643), (1249, 3736), (1251, 3739),

Gene: Aneem_12 Start: 8024, Stop: 9787, Start Num: 103
Candidate Starts for Aneem_12:
(Start: 103 @8024 has 278 MA's), (Start: 123 @8045 has 9 MA's), (Start: 206 @8132 has 29 MA's), (288, 8261), (309, 8285), (350, 8348), (445, 8492), (473, 8543), (476, 8546), (558, 8657), (569, 8681), (571, 8684), (593, 8747), (596, 8756), (603, 8771), (663, 8888), (673, 8903), (701, 8963), (751, 9047), (920, 9275), (928, 9287), (980, 9335), (988, 9350), (1007, 9389), (1026, 9410), (1049, 9449), (1086, 9494), (1096, 9506), (1269, 9743), (1290, 9770),

Gene: Anekin_2 Start: 597, Stop: 2330, Start Num: 160
Candidate Starts for Anekin_2:
(Start: 160 @597 has 5 MA's), (Start: 224 @663 has 17 MA's), (Start: 241 @690 has 2 MA's), (Start: 244 @693 has 5 MA's), (337, 846), (426, 1014), (476, 1101), (538, 1188), (590, 1278), (603, 1311), (607, 1320), (623, 1341), (635, 1377), (643, 1389), (747, 1518), (771, 1557), (814, 1626), (899, 1704), (917, 1740), (1007, 1881), (1016, 1884), (1046, 1944), (1064, 1980), (1094, 2028), (1113, 2061), (1134, 2094), (1246, 2235), (1267, 2277), (1283, 2304),

Gene: Angelique_2 Start: 485, Stop: 2281, Start Num: 113
Candidate Starts for Angelique_2:
(Start: 113 @485 has 24 MA's), (343, 779), (350, 794), (414, 878), (434, 920), (443, 929), (460, 968), (476, 989), (541, 1073), (572, 1127), (580, 1145), (593, 1172), (596, 1181), (629, 1256), (647, 1307), (663, 1328), (778, 1487), (814, 1544), (870, 1589), (892, 1613), (930, 1682), (936, 1688), (943, 1697), (992, 1766), (1064, 1904), (1086, 1940), (1096, 1952), (1111, 1976), (1128, 2003), (1189, 2090), (1217, 2132), (1249, 2189), (1265, 2219), (1281, 2243), (1300, 2267), (1302, 2270),

Gene: AngryOrchard_7 Start: 3101, Stop: 4783, Start Num: 104
Candidate Starts for AngryOrchard_7:
(Start: 104 @3101 has 125 MA's), (Start: 302 @3287 has 3 MA's), (350, 3359), (363, 3371), (379, 3395), (383, 3407), (489, 3575), (536, 3635), (593, 3743), (718, 3998), (763, 4070), (766, 4073), (892, 4214), (915, 4256), (936, 4289), (988, 4346), (992, 4358), (1096, 4502), (1130, 4547), (1196, 4607), (1251, 4706), (1269, 4739), (1290, 4766), (1292, 4769), (1294, 4772),

Gene: Animus_7 Start: 2523, Stop: 4169, Start Num: 75
Candidate Starts for Animus_7:
(Start: 75 @2523 has 95 MA's), (343, 2766), (350, 2781), (363, 2793), (443, 2919), (462, 2961), (465, 2967), (480, 2982), (543, 3069), (582, 3141), (593, 3165), (638, 3264), (654, 3300), (673, 3318), (766, 3441), (786, 3477), (920, 3639), (927, 3648), (980, 3711), (1007, 3765), (1064, 3846), (1096, 3885), (1112, 3906), (1130, 3930), (1249, 4083), (1251, 4086),

Gene: AnnaL29_15 Start: 9319, Stop: 11079, Start Num: 103
Candidate Starts for AnnaL29_15:
(49, 9235), (Start: 103 @9319 has 278 MA's), (Start: 206 @9427 has 29 MA's), (226, 9448), (271, 9532), (288, 9556), (350, 9643), (388, 9697), (445, 9787), (476, 9841), (558, 9949), (593, 10039), (603, 10063), (673, 10195), (751, 10339), (857, 10471), (915, 10555), (980, 10627), (988, 10642), (1007, 10681), (1015, 10684), (1026, 10702), (1096, 10798), (1144, 10867), (1269, 11035), (1290, 11062), (1292, 11065), (1294, 11068), (1296, 11071),

Gene: AnnaLie_4 Start: 1038, Stop: 2663, Start Num: 211
Candidate Starts for AnnaLie_4:
(Start: 211 @1038 has 88 MA's), (Start: 231 @1065 has 26 MA's), (330, 1194), (381, 1248), (409, 1302), (426, 1317), (453, 1371), (459, 1386), (554, 1485), (585, 1536), (586, 1539), (607, 1599), (642, 1677), (949, 2130), (963, 2145), (1222, 2496), (1318, 2652),

Gene: AnnabelLee_4 Start: 1251, Stop: 2789, Start Num: 215
Candidate Starts for AnnabelLee_4:
(Start: 215 @1251 has 6 MA's), (249, 1296), (381, 1455), (417, 1518), (467, 1605), (599, 1845), (605, 1857), (631, 1914), (710, 2073), (767, 2160), (871, 2292), (991, 2460), (1104, 2592),

Gene: Annalisa_3 Start: 820, Stop: 2379, Start Num: 134
Candidate Starts for Annalisa_3:
(86, 760), (Start: 134 @820 has 105 MA's), (251, 928), (313, 1006), (332, 1039), (396, 1120), (397, 1123), (402, 1132), (431, 1168), (476, 1246), (550, 1318), (552, 1321), (573, 1357), (596, 1414), (599, 1423), (607, 1438), (647, 1522), (679, 1573), (736, 1639), (760, 1681), (837, 1795), (876, 1846), (895, 1867), (918, 1912), (950, 1948), (952, 1951), (986, 1993), (989, 1999), (1078, 2122), (1087, 2134), (1120, 2173), (1266, 2362),

Gene: Annihilus_7 Start: 2665, Stop: 4410, Start Num: 217
Candidate Starts for Annihilus_7:
(Start: 217 @2665 has 209 MA's), (222, 2671), (252, 2719), (280, 2758), (287, 2764), (458, 3061), (504, 3139), (523, 3157), (525, 3160), (561, 3229), (580, 3262), (596, 3313), (604, 3331), (616, 3355), (639, 3424), (680, 3517), (731, 3622), (804, 3745), (859, 3817), (967, 3958), (1000, 4027), (1003, 4030), (1101, 4168), (1161, 4237), (1182, 4258), (1184, 4261), (1196, 4270), (1207, 4288), (1226, 4318), (1244, 4360), (1246, 4363),

Gene: Annyong_11 Start: 6885, Stop: 8582, Start Num: 102
Candidate Starts for Annyong_11:
(Start: 102 @6885 has 391 MA's), (Start: 126 @6909 has 206 MA's), (Start: 239 @7032 has 2 MA's), (339, 7122), (363, 7155), (426, 7254), (473, 7338), (476, 7341), (503, 7380), (558, 7449), (569, 7473), (593, 7539), (634, 7629), (720, 7794), (778, 7881), (798, 7914), (864, 7980), (913, 8052), (915, 8055), (928, 8079), (980, 8130), (988, 8145), (1007, 8184), (1026, 8205), (1096, 8301), (1269, 8538), (1292, 8568), (1294, 8571),

Gene: Anon_12 Start: 7031, Stop: 8731, Start Num: 103
Candidate Starts for Anon_12:
(Start: 103 @7031 has 278 MA's), (121, 7049), (320, 7241), (406, 7367), (450, 7448), (476, 7493), (558, 7601), (569, 7625), (593, 7691), (603, 7715), (729, 7958), (928, 8231), (930, 8234), (1096, 8450), (1182, 8540), (1184, 8543), (1269, 8687), (1290, 8714), (1292, 8717), (1294, 8720),

Gene: Anselm_12 Start: 7545, Stop: 9335, Start Num: 103
Candidate Starts for Anselm_12:
(Start: 103 @7545 has 278 MA's), (Start: 206 @7653 has 29 MA's), (226, 7674), (288, 7782), (325, 7833), (476, 8070), (558, 8178), (593, 8268), (603, 8292), (663, 8409), (673, 8424), (857, 8724), (992, 8910), (1007, 8937), (1026, 8958), (1096, 9054), (1269, 9291), (1292, 9321),

Gene: Anseraureola_3 Start: 1098, Stop: 2558, Start Num: 193
Candidate Starts for Anseraureola_3:
(Start: 193 @1098 has 146 MA's), (Start: 198 @1104 has 6 MA's), (325, 1266), (330, 1275), (377, 1335), (415, 1404), (431, 1425), (455, 1476), (606, 1680), (744, 1893), (753, 1908), (777, 1944), (804, 1986), (832, 2019), (840, 2037), (923, 2157), (925, 2160), (936, 2172), (990, 2247), (1031, 2310), (1044, 2328), (1045, 2331), (1186, 2493), (1199, 2502), (1205, 2511), (1232, 2550),

Gene: Anthony_11 Start: 5672, Stop: 7372, Start Num: 106
Candidate Starts for Anthony_11:
(Start: 106 @5672 has 2 MA's), (Start: 239 @5813 has 2 MA's), (292, 5852), (473, 6128), (476, 6131), (533, 6203), (558, 6242), (587, 6314), (593, 6332), (646, 6455), (665, 6479), (671, 6485), (718, 6581), (798, 6707), (864, 6773), (892, 6806), (928, 6872), (1007, 6974), (1026, 6995), (1061, 7049), (1096,

7091), (1116, 7118), (1134, 7145), (1267, 7325), (1269, 7328), (1294, 7361),

Gene: Antonio_2 Start: 498, Stop: 2222, Start Num: 206
Candidate Starts for Antonio_2:
(Start: 193 @483 has 146 MA's), (Start: 206 @498 has 29 MA's), (280, 588), (437, 828), (439, 834), (450, 858), (483, 915), (536, 987), (633, 1185), (655, 1227), (664, 1233), (702, 1317), (723, 1344), (793, 1455), (809, 1482), (926, 1659), (1092, 1932), (1094, 1935), (1098, 1941), (1115, 1962), (1141, 2001), (1177, 2049), (1185, 2058), (1205, 2082), (1226, 2100), (1253, 2157), (1295, 2214),

Gene: Antrice_3 Start: 691, Stop: 2325, Start Num: 164
Candidate Starts for Antrice_3:
(Start: 164 @691 has 12 MA's), (325, 889), (374, 940), (377, 943), (381, 952), (409, 1006), (414, 1012), (430, 1030), (554, 1189), (607, 1303), (636, 1363), (643, 1384), (651, 1399), (682, 1456), (768, 1582), (815, 1642), (884, 1738), (896, 1759), (923, 1810), (963, 1852), (1014, 1921), (1015, 1927), (1030, 1954), (1063, 1999), (1147, 2101), (1157, 2110), (1162, 2116), (1184, 2140), (1203, 2164), (1246, 2233), (1265, 2272), (1306, 2314),

Gene: Anubis_15 Start: 6843, Stop: 8543, Start Num: 104
Candidate Starts for Anubis_15:
(Start: 104 @6843 has 125 MA's), (151, 6891), (Start: 224 @6963 has 17 MA's), (292, 7026), (426, 7218), (476, 7305), (593, 7503), (634, 7593), (671, 7656), (760, 7818), (915, 8016), (928, 8040), (930, 8043), (988, 8106), (995, 8127), (1026, 8166), (1096, 8262), (1134, 8316), (1182, 8352), (1269, 8499), (1292, 8529), (1294, 8532),

Gene: Aoka_3 Start: 1243, Stop: 2838, Start Num: 194
Candidate Starts for Aoka_3:
(Start: 194 @1243 has 13 MA's), (396, 1501), (409, 1525), (414, 1531), (607, 1822), (627, 1852), (643, 1903), (647, 1912), (734, 2014), (740, 2026), (832, 2149), (914, 2278), (1063, 2506), (1101, 2548), (1306, 2827),

Gene: Aphelion_30 Start: 8680, Stop: 10428, Start Num: 127
Candidate Starts for Aphelion_30:
(Start: 127 @8680 has 26 MA's), (153, 8710), (280, 8839), (419, 9025), (433, 9064), (447, 9088), (459, 9118), (478, 9136), (496, 9163), (511, 9193), (619, 9385), (627, 9403), (704, 9565), (756, 9613), (766, 9628), (901, 9811), (905, 9817), (957, 9901), (991, 9988), (1016, 10021), (1084, 10135), (1115, 10171), (1134, 10195), (1159, 10210), (1273, 10384), (1278, 10390),

Gene: Apiary_28 Start: 14038, Stop: 15711, Start Num: 126
Candidate Starts for Apiary_28:
(Start: 126 @14038 has 206 MA's), (270, 14182), (317, 14233), (433, 14407), (445, 14428), (454, 14452), (474, 14479), (499, 14512), (538, 14578), (567, 14626), (597, 14689), (612, 14716), (695, 14884), (699, 14896), (798, 15007), (833, 15058), (916, 15157), (973, 15256), (980, 15268), (992, 15295), (996, 15307), (1007, 15322), (1061, 15397), (1084, 15430), (1112, 15463), (1202, 15547), (1214, 15568), (1246, 15616), (1290, 15691),

Gene: AppleCider_5 Start: 3069, Stop: 4637, Start Num: 155
Candidate Starts for AppleCider_5:
(Start: 155 @3069 has 82 MA's), (306, 3255), (325, 3285), (374, 3336), (381, 3348), (396, 3378), (404, 3393), (430, 3426), (489, 3528), (554, 3609), (584, 3657), (607, 3723), (632, 3771), (635, 3780), (723, 3855), (740, 3882), (759, 3912), (783, 3951), (905, 4131), (953, 4203), (977, 4239), (1044, 4335), (1126, 4401), (1164, 4431), (1169, 4437), (1222, 4503), (1308, 4623),

Gene: AppleCloud_6 Start: 2865, Stop: 4547, Start Num: 104

Candidate Starts for AppleCloud_6:
(Start: 104 @2865 has 125 MA's), (Start: 302 @3051 has 3 MA's), (350, 3123), (363, 3135), (379, 3159), (383, 3171), (489, 3339), (536, 3399), (593, 3507), (718, 3762), (763, 3834), (892, 3978), (913, 4017), (915, 4020), (936, 4053), (992, 4122), (1096, 4266), (1130, 4311), (1196, 4371), (1269, 4503), (1290, 4530), (1292, 4533), (1294, 4536),

Gene: Applejack_11 Start: 6989, Stop: 8677, Start Num: 102
Candidate Starts for Applejack_11:
(Start: 102 @6989 has 391 MA's), (363, 7253), (379, 7277), (476, 7439), (500, 7472), (558, 7547), (584, 7601), (593, 7637), (603, 7661), (621, 7688), (637, 7736), (679, 7805), (720, 7892), (760, 7952), (939, 8186), (952, 8198), (988, 8240), (995, 8261), (1020, 8288), (1096, 8396), (1182, 8486), (1246, 8591),

Gene: Applejacks_2 Start: 524, Stop: 2077, Start Num: 195
Candidate Starts for Applejacks_2:
(Start: 195 @524 has 7 MA's), (Start: 205 @536 has 7 MA's), (208, 539), (222, 551), (Start: 300 @650 has 12 MA's), (306, 659), (404, 797), (409, 806), (429, 830), (483, 926), (494, 941), (554, 992), (584, 1040), (625, 1130), (635, 1163), (636, 1166), (649, 1199), (750, 1280), (759, 1295), (768, 1310), (856, 1427), (873, 1448), (902, 1490), (962, 1574), (973, 1595), (1032, 1706), (1096, 1778), (1133, 1832), (1134, 1835), (1203, 1913), (1266, 2021),

Gene: Appletree2_4 Start: 1025, Stop: 2608, Start Num: 149
Candidate Starts for Appletree2_4:
(Start: 149 @1025 has 70 MA's), (Start: 155 @1031 has 82 MA's), (284, 1202), (352, 1289), (374, 1307), (379, 1313), (396, 1349), (486, 1487), (488, 1490), (550, 1565), (584, 1622), (585, 1625), (659, 1793), (684, 1847), (688, 1856), (700, 1871), (713, 1892), (737, 1931), (753, 1952), (757, 1958), (777, 1985), (808, 2027), (848, 2051), (866, 2069), (873, 2078), (876, 2084), (902, 2117), (918, 2150), (953, 2189), (962, 2195), (963, 2198), (990, 2243), (1031, 2309), (1069, 2360), (1093, 2384), (1111, 2399), (1114, 2402), (1207, 2504), (1224, 2531), (1252, 2582), (1254, 2585),

Gene: Apricot_2 Start: 453, Stop: 2147, Start Num: 142
Candidate Starts for Apricot_2:
(Start: 53 @324 has 20 MA's), (68, 357), (Start: 70 @360 has 1 MA's), (83, 378), (Start: 105 @411 has 1 MA's), (Start: 113 @420 has 24 MA's), (Start: 142 @453 has 1 MA's), (Start: 176 @486 has 83 MA's), (Start: 224 @537 has 17 MA's), (Start: 231 @549 has 26 MA's), (250, 576), (343, 666), (394, 747), (406, 756), (407, 759), (426, 792), (450, 843), (468, 879), (471, 882), (476, 888), (489, 903), (491, 906), (503, 924), (515, 942), (558, 996), (582, 1047), (593, 1071), (634, 1158), (665, 1218), (673, 1227), (687, 1263), (706, 1299), (729, 1338), (730, 1341), (747, 1371), (849, 1503), (863, 1509), (908, 1572), (913, 1599), (928, 1626), (930, 1629), (943, 1644), (988, 1701), (1007, 1740), (1064, 1821), (1091, 1851), (1140, 1914), (1196, 1962), (1198, 1965), (1251, 2058), (1253, 2061), (1261, 2079), (1269, 2088), (1279, 2100), (1313, 2136),

Gene: Aragog_9 Start: 6296, Stop: 8047, Start Num: 63
Candidate Starts for Aragog_9:
(Start: 53 @6269 has 20 MA's), (Start: 63 @6296 has 32 MA's), (114, 6365), (228, 6479), (Start: 231 @6485 has 26 MA's), (350, 6617), (406, 6692), (407, 6695), (521, 6869), (536, 6893), (593, 7001), (613, 7046), (643, 7124), (646, 7130), (647, 7133), (743, 7295), (747, 7301), (763, 7328), (778, 7349), (915, 7523), (928, 7547), (930, 7550), (988, 7610), (992, 7622), (1007, 7649), (1026, 7670), (1061, 7724), (1086, 7754), (1096, 7766), (1269, 8003), (1294, 8036), (1299, 8042),

Gene: Arataki_14 Start: 8072, Stop: 9817, Start Num: 217
Candidate Starts for Arataki_14:

(Start: 217 @8072 has 209 MA's), (222, 8078), (280, 8165), (287, 8171), (315, 8207), (343, 8261), (353, 8291), (393, 8357), (446, 8438), (482, 8498), (504, 8546), (523, 8564), (525, 8567), (561, 8636), (584, 8675), (596, 8720), (604, 8738), (628, 8795), (660, 8876), (680, 8924), (728, 9023), (731, 9029), (748, 9059), (761, 9080), (765, 9086), (791, 9128), (804, 9152), (949, 9347), (982, 9389), (991, 9413), (1000, 9434), (1003, 9437), (1179, 9662), (1182, 9665), (1196, 9677), (1244, 9767), (1246, 9770),

Gene: Arcadia_8 Start: 4237, Stop: 5991, Start Num: 217
Candidate Starts for Arcadia_8:
(172, 4183), (Start: 211 @4231 has 88 MA's), (Start: 217 @4237 has 209 MA's), (280, 4330), (287, 4336), (446, 4603), (458, 4633), (482, 4663), (504, 4711), (523, 4729), (525, 4732), (547, 4774), (604, 4903), (680, 5089), (728, 5188), (770, 5260), (804, 5317), (859, 5395), (868, 5407), (949, 5521), (967, 5539), (990, 5584), (1000, 5608), (1003, 5611), (1030, 5650), (1131, 5791), (1179, 5836), (1182, 5839), (1196, 5851), (1226, 5899), (1242, 5932), (1244, 5941), (1246, 5944),

Gene: Arcanine_12 Start: 6925, Stop: 8613, Start Num: 102
Candidate Starts for Arcanine_12:
(Start: 102 @6925 has 391 MA's), (363, 7189), (379, 7213), (476, 7375), (500, 7408), (558, 7483), (593, 7573), (603, 7597), (621, 7624), (637, 7672), (714, 7816), (720, 7828), (760, 7888), (930, 8113), (939, 8122), (952, 8134), (988, 8176), (995, 8197), (1020, 8224), (1096, 8332), (1182, 8422), (1246, 8527),

Gene: ArcherNM_14 Start: 9227, Stop: 11014, Start Num: 103
Candidate Starts for ArcherNM_14:
(37, 9107), (Start: 103 @9227 has 278 MA's), (Start: 206 @9335 has 29 MA's), (226, 9356), (288, 9464), (325, 9515), (350, 9551), (388, 9605), (473, 9746), (476, 9749), (503, 9788), (558, 9857), (593, 9947), (603, 9971), (673, 10103), (915, 10490), (992, 10589), (1007, 10616), (1026, 10637), (1086, 10721), (1096, 10733), (1269, 10970), (1290, 10997), (1292, 11000), (1294, 11003), (1296, 11006),

Gene: Archetta_9 Start: 5978, Stop: 7756, Start Num: 53
Candidate Starts for Archetta_9:
(Start: 53 @5978 has 20 MA's), (Start: 63 @6005 has 32 MA's), (114, 6074), (Start: 154 @6113 has 1 MA's), (228, 6188), (Start: 231 @6194 has 26 MA's), (350, 6326), (406, 6401), (407, 6404), (489, 6539), (521, 6578), (536, 6602), (593, 6710), (613, 6755), (643, 6833), (646, 6839), (743, 7004), (763, 7037), (778, 7058), (915, 7232), (928, 7256), (930, 7259), (988, 7319), (992, 7331), (1007, 7358), (1026, 7379), (1086, 7463), (1096, 7475), (1269, 7712), (1294, 7745), (1299, 7751),

Gene: ArchiDore_2 Start: 434, Stop: 1993, Start Num: 180
Candidate Starts for ArchiDore_2:
(Start: 42 @278 has 1 MA's), (50, 302), (Start: 63 @335 has 32 MA's), (86, 365), (Start: 180 @434 has 11 MA's), (Start: 255 @500 has 1 MA's), (313, 569), (338, 608), (409, 707), (447, 758), (454, 779), (455, 782), (491, 824), (548, 878), (599, 986), (641, 1070), (642, 1073), (679, 1136), (691, 1166), (701, 1184), (702, 1187), (826, 1376), (866, 1430), (873, 1439), (898, 1472), (914, 1502), (953, 1550), (963, 1559), (968, 1568), (988, 1595), (989, 1598), (1000, 1625), (1044, 1685), (1061, 1706), (1148, 1811), (1168, 1844), (1219, 1913),

Gene: Archie_4 Start: 1034, Stop: 2602, Start Num: 149
Candidate Starts for Archie_4:
(Start: 149 @1034 has 70 MA's), (Start: 155 @1040 has 82 MA's), (172, 1058), (271, 1196), (Start: 314 @1244 has 1 MA's), (Start: 324 @1262 has 4 MA's), (414, 1388), (484, 1493), (488, 1499), (582, 1631), (585, 1637), (591, 1658), (636, 1757), (659, 1805), (684, 1859), (700, 1883), (713, 1904), (728, 1928), (733, 1934), (753, 1964), (757, 1970), (777, 1997), (782, 2006), (876, 2096), (927, 2174), (963, 2210), (990, 2255), (1031, 2321), (1069, 2372), (1093, 2396), (1114, 2414), (1118, 2423), (1241, 2570), (1252, 2594), (1254, 2597),

Gene: Archimedes_1 Start: 59, Stop: 1762, Start Num: 58
Candidate Starts for Archimedes_1:
(44, 20), (Start: 58 @59 has 4 MA's), (183, 218), (190, 227), (Start: 202 @242 has 4 MA's), (271, 329), (380, 467), (409, 524), (431, 551), (457, 605), (587, 770), (622, 839), (635, 878), (640, 893), (775, 1034), (780, 1043), (788, 1052), (796, 1064), (834, 1112), (853, 1142), (871, 1166), (908, 1223), (963, 1298), (976, 1322), (984, 1334), (1093, 1481), (1096, 1484), (1184, 1577), (1201, 1598), (1258, 1694), (1276, 1724), (1306, 1751), (1308, 1754),

Gene: Archis_2 Start: 360, Stop: 1928, Start Num: 163
Candidate Starts for Archis_2:
(59, 255), (Start: 163 @360 has 37 MA's), (251, 444), (269, 477), (313, 519), (Start: 324 @537 has 4 MA's), (334, 552), (362, 573), (377, 594), (396, 633), (431, 693), (451, 729), (454, 741), (491, 786), (498, 795), (522, 822), (584, 900), (630, 1005), (637, 1020), (642, 1035), (702, 1113), (736, 1164), (837, 1320), (869, 1359), (898, 1398), (923, 1443), (963, 1488), (965, 1491), (968, 1497), (984, 1518), (989, 1527), (990, 1530), (1005, 1560), (1026, 1584), (1033, 1599), (1118, 1701), (1148, 1743), (1156, 1758), (1176, 1779), (1188, 1794), (1251, 1890), (1262, 1902), (1269, 1911), (1273, 1917),

Gene: ArcusAngelus_2 Start: 573, Stop: 2210, Start Num: 126
Candidate Starts for ArcusAngelus_2:
(Start: 126 @573 has 206 MA's), (133, 582), (Start: 147 @597 has 3 MA's), (Start: 176 @618 has 83 MA's), (Start: 184 @630 has 3 MA's), (Start: 217 @654 has 209 MA's), (Start: 219 @657 has 2 MA's), (271, 720), (310, 759), (372, 846), (419, 906), (433, 918), (442, 930), (445, 939), (447, 942), (454, 963), (467, 984), (482, 999), (519, 1056), (543, 1095), (580, 1164), (584, 1170), (597, 1200), (598, 1203), (603, 1212), (612, 1227), (621, 1245), (638, 1296), (689, 1389), (695, 1398), (845, 1569), (859, 1581), (915, 1665), (934, 1695), (937, 1698), (940, 1701), (988, 1758), (993, 1773), (995, 1779), (996, 1782), (1007, 1797), (1020, 1806), (1062, 1875), (1082, 1905), (1084, 1914), (1112, 1947), (1140, 1980), (1176, 2007), (1202, 2040), (1214, 2061), (1219, 2067), (1222, 2070), (1235, 2091), (1246, 2115), (1251, 2124), (1253, 2127), (1284, 2184),

Gene: Ardmore_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Ardmore_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: AreFloNak_7 Start: 3594, Stop: 5333, Start Num: 217
Candidate Starts for AreFloNak_7:
(Start: 217 @3594 has 209 MA's), (287, 3693), (353, 3813), (426, 3912), (446, 3954), (458, 3984), (482, 4014), (504, 4062), (525, 4083), (580, 4185), (604, 4254), (616, 4278), (647, 4368), (680, 4440), (713, 4515), (728, 4539), (804, 4668), (868, 4749), (949, 4863), (967, 4881), (970, 4887), (1000, 4950), (1003, 4953), (1136, 5142), (1146, 5157), (1163, 5163), (1182, 5181), (1196, 5193), (1244, 5283), (1246, 5286),

Gene: Argan_7 Start: 3230, Stop: 4963, Start Num: 217
Candidate Starts for Argan_7:

(Start: 217 @3230 has 209 MA's), (287, 3329), (438, 3566), (458, 3614), (504, 3692), (523, 3710), (525, 3713), (561, 3782), (604, 3884), (616, 3908), (636, 3965), (680, 4070), (728, 4169), (744, 4199), (770, 4241), (804, 4298), (859, 4367), (868, 4379), (949, 4493), (967, 4511), (1000, 4580), (1003, 4583), (1146, 4787), (1182, 4811), (1196, 4823), (1203, 4835), (1224, 4868), (1244, 4913), (1246, 4916),

Gene: Argent26_10 Start: 2509, Stop: 4179, Start Num: 301
Candidate Starts for Argent26_10:
(Start: 301 @2509 has 48 MA's), (344, 2572), (479, 2806), (548, 2908), (632, 3088), (641, 3112), (650, 3130), (663, 3142), (694, 3205), (698, 3217), (725, 3262), (734, 3277), (784, 3355), (811, 3400), (845, 3454), (851, 3460), (917, 3574), (946, 3622), (994, 3718), (1007, 3739), (1019, 3754), (1118, 3907), (1129, 3919), (1175, 3976), (1205, 4012), (1235, 4063), (1251, 4099), (1253, 4102), (1294, 4168),

Gene: Arianna_3 Start: 1236, Stop: 2873, Start Num: 150
Candidate Starts for Arianna_3:
(Start: 150 @1236 has 4 MA's), (Start: 176 @1260 has 83 MA's), (Start: 241 @1338 has 2 MA's), (320, 1404), (383, 1503), (394, 1521), (406, 1530), (409, 1536), (431, 1584), (434, 1590), (443, 1599), (462, 1641), (465, 1647), (468, 1650), (476, 1659), (532, 1737), (590, 1854), (594, 1866), (595, 1869), (603, 1878), (634, 1941), (673, 2013), (687, 2046), (758, 2124), (848, 2235), (892, 2280), (984, 2412), (988, 2418), (1071, 2550), (1096, 2589), (1182, 2679), (1203, 2706), (1249, 2787), (1256, 2802), (1257, 2805), (1262, 2814), (1300, 2862),

Gene: Arib1_2 Start: 413, Stop: 2089, Start Num: 134
Candidate Starts for Arib1_2:
(Start: 134 @413 has 105 MA's), (313, 629), (338, 668), (360, 725), (362, 731), (373, 749), (397, 794), (400, 797), (404, 806), (409, 815), (414, 821), (417, 824), (451, 878), (459, 899), (467, 911), (541, 1001), (636, 1190), (702, 1286), (736, 1337), (828, 1478), (837, 1490), (935, 1622), (984, 1688), (989, 1697), (1000, 1724), (1031, 1766), (1044, 1784), (1118, 1868), (1130, 1883), (1269, 2072),

Gene: Ariel_9 Start: 2909, Stop: 4441, Start Num: 232
Candidate Starts for Ariel_9:
(Start: 196 @2867 has 1 MA's), (207, 2876), (Start: 232 @2909 has 12 MA's), (323, 3023), (380, 3119), (401, 3161), (404, 3167), (452, 3242), (454, 3251), (550, 3353), (552, 3356), (573, 3392), (588, 3425), (713, 3674), (767, 3737), (783, 3764), (810, 3809), (900, 3923), (918, 3959), (952, 3989), (962, 3998), (990, 4052), (1000, 4076), (1186, 4310), (1202, 4322),

Gene: Aries55_3 Start: 1086, Stop: 2546, Start Num: 193
Candidate Starts for Aries55_3:
(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (744, 1881), (753, 1896), (777, 1932), (804, 1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: Arissanae_11 Start: 6238, Stop: 8028, Start Num: 103
Candidate Starts for Arissanae_11:
(Start: 103 @6238 has 278 MA's), (Start: 117 @6253 has 12 MA's), (Start: 231 @6370 has 26 MA's), (288, 6469), (406, 6631), (445, 6703), (476, 6757), (503, 6796), (558, 6868), (593, 6958), (603, 6982), (673, 7114), (727, 7222), (776, 7297), (798, 7333), (837, 7393), (869, 7429), (920, 7513), (936, 7534), (1007, 7630), (1015, 7633), (1026, 7651), (1061, 7705), (1086, 7735), (1096, 7747), (1182, 7837), (1198, 7855), (1230, 7906), (1269, 7984), (1290, 8011), (1292, 8014),

Gene: Arlo_10 Start: 6614, Stop: 8302, Start Num: 102
Candidate Starts for Arlo_10:

(Start: 102 @6614 has 391 MA's), (363, 6878), (379, 6902), (476, 7064), (500, 7097), (558, 7172), (593, 7262), (603, 7286), (621, 7313), (637, 7361), (679, 7430), (714, 7505), (720, 7517), (760, 7577), (939, 7811), (952, 7823), (988, 7865), (995, 7886), (1020, 7913), (1096, 8021), (1182, 8111), (1246, 8216),

Gene: Armstrong_2 Start: 593, Stop: 2155, Start Num: 211
Candidate Starts for Armstrong_2:
(Start: 211 @593 has 88 MA's), (Start: 297 @701 has 2 MA's), (330, 749), (409, 857), (414, 863), (426, 872), (429, 878), (430, 881), (485, 977), (554, 1040), (607, 1154), (636, 1214), (642, 1232), (791, 1460), (829, 1505), (914, 1643), (1189, 1970), (1310, 2144), (1314, 2147),

Gene: Arroyo_4 Start: 1159, Stop: 2787, Start Num: 211
Candidate Starts for Arroyo_4:
(Start: 211 @1159 has 88 MA's), (330, 1315), (409, 1423), (453, 1492), (459, 1507), (585, 1657), (586, 1660), (607, 1720), (632, 1768), (642, 1798), (949, 2254), (963, 2269), (1222, 2620), (1249, 2668), (1318, 2776),

Gene: Artemis2UCLA_15 Start: 7416, Stop: 9170, Start Num: 103
Candidate Starts for Artemis2UCLA_15:
(Start: 103 @7416 has 278 MA's), (Start: 231 @7548 has 26 MA's), (288, 7647), (309, 7671), (325, 7698), (350, 7734), (406, 7809), (476, 7932), (489, 7947), (503, 7971), (558, 8040), (569, 8064), (571, 8067), (593, 8130), (603, 8154), (671, 8283), (673, 8286), (729, 8397), (855, 8559), (915, 8646), (920, 8658), (928, 8670), (980, 8718), (988, 8733), (1007, 8772), (1026, 8793), (1086, 8877), (1096, 8889), (1269, 9126), (1290, 9153), (1292, 9156),

Gene: ArtetaBall_17 Start: 9229, Stop: 10974, Start Num: 217
Candidate Starts for ArtetaBall_17:
(Start: 217 @9229 has 209 MA's), (222, 9235), (287, 9328), (315, 9364), (343, 9418), (353, 9448), (446, 9595), (504, 9703), (523, 9721), (525, 9724), (561, 9793), (596, 9877), (604, 9895), (628, 9952), (680, 10081), (728, 10180), (731, 10186), (791, 10285), (804, 10309), (940, 10495), (949, 10504), (991, 10570), (1000, 10591), (1003, 10594), (1131, 10774), (1179, 10819), (1182, 10822), (1196, 10834), (1244, 10924), (1246, 10927),

Gene: Arti_24 Start: 12115, Stop: 13842, Start Num: 124
Candidate Starts for Arti_24:
(22, 11881), (52, 12010), (Start: 124 @12115 has 12 MA's), (270, 12265), (317, 12316), (319, 12322), (346, 12361), (361, 12391), (375, 12415), (384, 12433), (398, 12460), (425, 12523), (433, 12541), (597, 12826), (612, 12853), (643, 12937), (695, 13021), (699, 13033), (716, 13066), (798, 13144), (867, 13222), (915, 13294), (937, 13327), (973, 13390), (988, 13417), (996, 13441), (1020, 13465), (1084, 13564), (1121, 13612), (1246, 13750), (1261, 13780), (1297, 13834),

Gene: Artorias_13 Start: 7494, Stop: 9239, Start Num: 217
Candidate Starts for Artorias_13:
(Start: 217 @7494 has 209 MA's), (222, 7500), (280, 7587), (287, 7593), (315, 7629), (343, 7683), (393, 7779), (504, 7968), (523, 7986), (525, 7989), (561, 8058), (604, 8160), (621, 8196), (628, 8217), (636, 8241), (660, 8298), (680, 8346), (709, 8412), (728, 8445), (731, 8451), (748, 8481), (761, 8502), (804, 8574), (949, 8769), (991, 8835), (1000, 8856), (1003, 8859), (1043, 8919), (1125, 9030), (1161, 9066), (1182, 9087), (1196, 9099), (1224, 9144), (1226, 9147), (1244, 9189), (1246, 9192),

Gene: Arturo_10 Start: 6995, Stop: 8692, Start Num: 102
Candidate Starts for Arturo_10:
(Start: 102 @6995 has 391 MA's), (Start: 126 @7019 has 206 MA's), (Start: 239 @7142 has 2 MA's), (339, 7232), (363, 7265), (426, 7364), (473, 7448), (476, 7451), (503, 7490), (558, 7559), (569, 7583),

(593, 7649), (634, 7739), (720, 7904), (778, 7991), (798, 8024), (864, 8090), (915, 8165), (928, 8189), (988, 8255), (1007, 8294), (1026, 8315), (1096, 8411), (1267, 8645), (1269, 8648), (1292, 8678), (1294, 8681),

Gene: Arzan_8 Start: 3716, Stop: 5464, Start Num: 217
Candidate Starts for Arzan_8:
(Start: 217 @3716 has 209 MA's), (287, 3815), (323, 3866), (458, 4112), (485, 4148), (504, 4190), (523, 4208), (525, 4211), (574, 4304), (604, 4382), (607, 4388), (637, 4466), (647, 4496), (653, 4508), (680, 4568), (696, 4604), (713, 4643), (728, 4667), (804, 4796), (868, 4880), (949, 4994), (970, 5018), (1000, 5081), (1003, 5084), (1125, 5255), (1146, 5288), (1182, 5312), (1196, 5324), (1226, 5372), (1242, 5405), (1244, 5414), (1246, 5417),

Gene: Asa16_2 Start: 533, Stop: 2239, Start Num: 101
Candidate Starts for Asa16_2:
(Start: 101 @533 has 50 MA's), (Start: 224 @620 has 17 MA's), (444, 905), (476, 962), (491, 983), (512, 1010), (572, 1100), (596, 1154), (619, 1199), (646, 1274), (699, 1364), (800, 1487), (828, 1526), (915, 1649), (1038, 1829), (1061, 1862), (1096, 1904), (1106, 1919), (1196, 2054), (1217, 2090), (1251, 2150), (1256, 2162),

Gene: Ascela_2 Start: 534, Stop: 2240, Start Num: 101
Candidate Starts for Ascela_2:
(Start: 101 @534 has 50 MA's), (444, 906), (476, 963), (512, 1011), (572, 1101), (619, 1200), (646, 1275), (699, 1365), (800, 1488), (828, 1527), (915, 1650), (1038, 1830), (1064, 1869), (1096, 1905), (1106, 1920), (1196, 2055), (1244, 2139), (1251, 2151), (1256, 2163),

Gene: Ashballer_10 Start: 7174, Stop: 8682, Start Num: 302
Candidate Starts for Ashballer_10:
(Start: 108 @6994 has 24 MA's), (Start: 302 @7174 has 3 MA's), (363, 7258), (380, 7285), (383, 7294), (476, 7444), (558, 7552), (593, 7642), (603, 7666), (621, 7693), (637, 7741), (714, 7885), (720, 7897), (727, 7906), (760, 7957), (939, 8191), (952, 8203), (988, 8245), (995, 8266), (1020, 8293), (1096, 8401), (1182, 8491), (1246, 8596),

Gene: Ashes_2 Start: 594, Stop: 2282, Start Num: 122
Candidate Starts for Ashes_2:
(Start: 122 @594 has 16 MA's), (343, 795), (434, 939), (450, 963), (476, 1008), (541, 1095), (572, 1149), (591, 1188), (646, 1323), (705, 1425), (887, 1647), (915, 1698), (1064, 1917), (1096, 1953), (1106, 1968), (1251, 2193), (1256, 2205), (1265, 2220), (1300, 2271),

Gene: Asriel_8 Start: 2168, Stop: 3838, Start Num: 301
Candidate Starts for Asriel_8:
(Start: 301 @2168 has 48 MA's), (344, 2231), (479, 2465), (548, 2567), (632, 2747), (641, 2771), (650, 2789), (663, 2801), (694, 2864), (698, 2876), (725, 2921), (734, 2936), (784, 3014), (811, 3059), (845, 3113), (851, 3119), (917, 3233), (994, 3377), (1019, 3413), (1118, 3566), (1129, 3578), (1175, 3635), (1205, 3671), (1235, 3722), (1251, 3758), (1253, 3761), (1294, 3827),

Gene: Asten_6 Start: 2376, Stop: 4022, Start Num: 75
Candidate Starts for Asten_6:
(Start: 75 @2376 has 95 MA's), (Start: 92 @2394 has 10 MA's), (Start: 239 @2526 has 2 MA's), (325, 2598), (350, 2634), (462, 2814), (480, 2835), (515, 2880), (543, 2922), (582, 2994), (593, 3018), (638, 3117), (643, 3132), (663, 3156), (665, 3162), (786, 3330), (915, 3480), (927, 3501), (980, 3564), (992, 3591), (1064, 3699), (1096, 3738), (1112, 3759), (1116, 3765), (1130, 3783), (1217, 3879), (1251, 3939), (1300, 4017),

Gene: Astro_9 Start: 5704, Stop: 7458, Start Num: 63
Candidate Starts for Astro_9:
(Start: 63 @5704 has 32 MA's), (94, 5746), (125, 5785), (Start: 231 @5893 has 26 MA's), (406, 6100), (536, 6301), (593, 6409), (646, 6538), (743, 6703), (763, 6736), (866, 6856), (915, 6931), (995, 7042), (1007, 7060), (1026, 7081), (1061, 7135), (1096, 7177), (1196, 7282), (1251, 7381), (1269, 7414), (1294, 7447), (1299, 7453),

Gene: Astro16_3 Start: 1086, Stop: 2546, Start Num: 193
Candidate Starts for Astro16_3:
(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (744, 1881), (753, 1896), (777, 1932), (804, 1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: Atcoo_2 Start: 401, Stop: 2077, Start Num: 134
Candidate Starts for Atcoo_2:
(Start: 134 @401 has 105 MA's), (313, 617), (338, 656), (360, 713), (362, 719), (373, 737), (397, 782), (404, 794), (409, 803), (414, 809), (451, 866), (459, 887), (467, 899), (541, 989), (636, 1178), (702, 1274), (720, 1304), (736, 1325), (828, 1466), (837, 1478), (984, 1676), (989, 1685), (1000, 1712), (1031, 1754), (1044, 1772), (1118, 1856), (1130, 1871), (1269, 2060),

Gene: Atkinbua_12 Start: 6969, Stop: 8657, Start Num: 102
Candidate Starts for Atkinbua_12:
(Start: 102 @6969 has 391 MA's), (363, 7233), (379, 7257), (476, 7419), (500, 7452), (558, 7527), (593, 7617), (603, 7641), (621, 7668), (637, 7716), (679, 7785), (720, 7872), (727, 7881), (760, 7932), (939, 8166), (952, 8178), (988, 8220), (995, 8241), (1020, 8268), (1096, 8376), (1182, 8466), (1246, 8571),

Gene: Atlantica_2 Start: 349, Stop: 1992, Start Num: 164
Candidate Starts for Atlantica_2:
(Start: 164 @349 has 12 MA's), (Start: 182 @370 has 18 MA's), (374, 601), (377, 604), (381, 613), (400, 649), (409, 667), (455, 745), (554, 850), (607, 964), (625, 988), (636, 1024), (643, 1045), (651, 1060), (682, 1120), (744, 1204), (896, 1420), (905, 1432), (916, 1459), (949, 1498), (953, 1504), (980, 1543), (1000, 1570), (1014, 1582), (1030, 1615), (1038, 1627), (1063, 1660), (1203, 1831), (1246, 1900), (1259, 1927), (1271, 1948), (1304, 1978), (1306, 1981), (1308, 1984),

Gene: Attis_2 Start: 318, Stop: 1889, Start Num: 134
Candidate Starts for Attis_2:
(Start: 134 @318 has 105 MA's), (281, 474), (313, 504), (332, 537), (397, 621), (402, 630), (431, 666), (461, 726), (550, 816), (552, 819), (596, 912), (607, 936), (630, 978), (654, 1032), (679, 1071), (736, 1137), (741, 1149), (760, 1179), (783, 1212), (837, 1293), (873, 1338), (876, 1344), (895, 1365), (950, 1455), (986, 1500), (989, 1506), (1003, 1536), (1005, 1539), (1044, 1593), (1078, 1629), (1120, 1680), (1162, 1740), (1164, 1743), (1200, 1785), (1266, 1872),

Gene: Attoomi_3 Start: 881, Stop: 2503, Start Num: 148
Candidate Starts for Attoomi_3:
(Start: 148 @881 has 1 MA's), (185, 920), (Start: 224 @953 has 17 MA's), (380, 1136), (390, 1154), (445, 1241), (462, 1277), (476, 1295), (491, 1313), (503, 1334), (535, 1370), (543, 1382), (572, 1433), (593, 1478), (595, 1484), (621, 1535), (628, 1556), (634, 1574), (671, 1637), (679, 1652), (687, 1673), (751, 1739), (775, 1775), (786, 1799), (800, 1817), (813, 1835), (850, 1868), (904, 1922), (915, 1946), (917, 1952), (920, 1958), (988, 2045), (1026, 2105), (1038, 2126), (1062, 2162), (1064, 2165), (1086, 2189), (1096, 2201), (1130, 2246), (1144, 2270), (1196, 2321), (1256, 2429), (1298, 2489),

Gene: Aubs_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Aubs_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Audell_7 Start: 4657, Stop: 6186, Start Num: 212
Candidate Starts for Audell_7:
(Start: 212 @4657 has 5 MA's), (249, 4702), (284, 4741), (306, 4765), (379, 4855), (381, 4861), (467, 5011), (599, 5242), (605, 5254), (631, 5311), (710, 5467), (721, 5488), (767, 5554), (770, 5560), (1104, 5986), (1222, 6127),

Gene: AugsMagnumOpus_15 Start: 6949, Stop: 8649, Start Num: 104
Candidate Starts for AugsMagnumOpus_15:
(Start: 104 @6949 has 125 MA's), (151, 6997), (292, 7132), (426, 7324), (476, 7411), (593, 7609), (634, 7699), (671, 7762), (760, 7924), (915, 8122), (928, 8146), (930, 8149), (988, 8212), (995, 8233), (1026, 8272), (1096, 8368), (1134, 8422), (1182, 8458), (1269, 8605), (1292, 8635), (1294, 8638),

Gene: AuntGwenStacy_9 Start: 4674, Stop: 6299, Start Num: 141
Candidate Starts for AuntGwenStacy_9:
(67, 4593), (80, 4611), (Start: 117 @4650 has 12 MA's), (129, 4662), (136, 4668), (Start: 141 @4674 has 6 MA's), (146, 4680), (292, 4848), (Start: 302 @4860 has 3 MA's), (312, 4872), (409, 5016), (452, 5112), (454, 5121), (510, 5199), (515, 5205), (573, 5262), (584, 5277), (625, 5367), (635, 5400), (636, 5403), (723, 5475), (759, 5532), (791, 5580), (804, 5601), (812, 5613), (823, 5625), (836, 5649), (853, 5673), (856, 5679), (896, 5736), (908, 5754), (977, 5856), (996, 5898), (1032, 5961), (1040, 5970), (1043, 5976), (1147, 6090), (1170, 6102), (1192, 6120), (1221, 6162), (1245, 6204), (1254, 6219),

Gene: Auspice_14 Start: 4719, Stop: 6263, Start Num: 181
Candidate Starts for Auspice_14:
(Start: 181 @4719 has 21 MA's), (223, 4767), (377, 4968), (454, 5106), (595, 5298), (700, 5508), (733, 5559), (782, 5631), (873, 5694), (893, 5718), (902, 5733), (939, 5793), (953, 5805), (988, 5865), (1003, 5898), (1028, 5931), (1045, 5958), (1090, 6006), (1228, 6192), (1241, 6213),

Gene: AustinPowers_2 Start: 600, Stop: 1994, Start Num: 297
Candidate Starts for AustinPowers_2:
(Start: 155 @429 has 82 MA's), (Start: 297 @600 has 2 MA's), (374, 693), (404, 750), (409, 759), (430, 783), (455, 837), (554, 966), (584, 1014), (607, 1080), (636, 1140), (647, 1170), (759, 1269), (768, 1284), (883, 1452), (923, 1527), (953, 1560), (1015, 1644), (1044, 1692), (1096, 1716), (1182, 1806), (1222, 1860), (1272, 1941), (1308, 1980),

Gene: AvGardian_3 Start: 755, Stop: 2380, Start Num: 211
Candidate Starts for AvGardian_3:
(Start: 211 @755 has 88 MA's), (330, 911), (409, 1019), (426, 1034), (459, 1103), (485, 1139), (491, 1148), (585, 1253), (586, 1256), (607, 1316), (622, 1334), (623, 1337), (632, 1364), (642, 1394), (744, 1556), (873, 1736), (962, 1859), (963, 1862), (1030, 1964), (1222, 2213), (1304, 2330), (1318, 2369),

Gene: AvadaKedavra_4 Start: 1052, Stop: 2635, Start Num: 149

Candidate Starts for AvadaKedavra_4:
(Start: 149 @1052 has 70 MA's), (Start: 155 @1058 has 82 MA's), (284, 1229), (352, 1316), (374, 1334), (379, 1340), (396, 1376), (486, 1514), (488, 1517), (550, 1592), (582, 1646), (584, 1649), (585, 1652), (659, 1820), (684, 1874), (688, 1883), (700, 1898), (713, 1919), (737, 1958), (753, 1979), (757, 1985), (777, 2012), (808, 2054), (848, 2078), (866, 2096), (873, 2105), (876, 2111), (902, 2144), (918, 2177), (953, 2216), (962, 2222), (963, 2225), (990, 2270), (1031, 2336), (1069, 2387), (1087, 2402), (1093, 2411), (1111, 2426), (1114, 2429), (1207, 2531), (1224, 2558), (1252, 2609), (1254, 2612),

Gene: AvatarAhPeg_11 Start: 6848, Stop: 8545, Start Num: 102
Candidate Starts for AvatarAhPeg_11:
(Start: 102 @6848 has 391 MA's), (Start: 126 @6872 has 206 MA's), (Start: 302 @7034 has 3 MA's), (363, 7118), (473, 7301), (476, 7304), (503, 7343), (558, 7412), (569, 7436), (584, 7466), (593, 7502), (634, 7592), (720, 7757), (751, 7802), (778, 7844), (798, 7877), (864, 7943), (915, 8018), (928, 8042), (988, 8108), (1007, 8147), (1026, 8168), (1096, 8264), (1269, 8501), (1292, 8531), (1294, 8534),

Gene: Avazak_13 Start: 7494, Stop: 9239, Start Num: 217
Candidate Starts for Avazak_13:
(Start: 217 @7494 has 209 MA's), (222, 7500), (280, 7587), (287, 7593), (315, 7629), (343, 7683), (393, 7779), (504, 7968), (523, 7986), (525, 7989), (561, 8058), (604, 8160), (621, 8196), (628, 8217), (636, 8241), (660, 8298), (680, 8346), (709, 8412), (728, 8445), (731, 8451), (748, 8481), (761, 8502), (804, 8574), (949, 8769), (991, 8835), (1000, 8856), (1003, 8859), (1043, 8919), (1125, 9030), (1161, 9066), (1182, 9087), (1196, 9099), (1224, 9144), (1226, 9147), (1244, 9189), (1246, 9192),

Gene: Avle17_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Avle17_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Avocadoman_3 Start: 747, Stop: 2375, Start Num: 211
Candidate Starts for Avocadoman_3:
(Start: 211 @747 has 88 MA's), (330, 903), (409, 1011), (459, 1095), (489, 1137), (554, 1194), (585, 1245), (586, 1248), (607, 1308), (622, 1326), (632, 1356), (642, 1386), (949, 1842), (963, 1857), (1222, 2208), (1249, 2256), (1318, 2364),

Gene: Avvas_3 Start: 1086, Stop: 2546, Start Num: 193
Candidate Starts for Avvas_3:
(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (744, 1881), (753, 1896), (777, 1932), (804, 1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: Axiom_7 Start: 2171, Stop: 3832, Start Num: 75
Candidate Starts for Axiom_7:
(Start: 75 @2171 has 95 MA's), (382, 2489), (443, 2582), (450, 2597), (462, 2624), (480, 2645), (593, 2828), (607, 2861), (634, 2915), (646, 2948), (671, 2978), (673, 2981), (687, 3017), (766, 3104), (769, 3110), (786, 3140), (800, 3158), (913, 3287), (915, 3290), (920, 3302), (927, 3311), (933, 3320), (992, 3401), (1007, 3428), (1096, 3548), (1112, 3569), (1130, 3593), (1196, 3653), (1251, 3749), (1300, 3827),

Gene: Axym_4 Start: 1113, Stop: 2792, Start Num: 176

Candidate Starts for Axym_4:
(Start: 176 @1113 has 83 MA's), (Start: 224 @1164 has 17 MA's), (237, 1185), (Start: 239 @1188 has 2 MA's), (295, 1230), (350, 1311), (394, 1377), (406, 1386), (443, 1458), (450, 1473), (468, 1509), (476, 1518), (507, 1569), (572, 1668), (596, 1722), (619, 1758), (687, 1902), (706, 1938), (729, 1977), (747, 2010), (778, 2058), (798, 2091), (814, 2115), (863, 2148), (890, 2181), (913, 2238), (917, 2247), (984, 2331), (995, 2358), (1038, 2418), (1112, 2514), (1185, 2586), (1196, 2598), (1265, 2718), (1311, 2778), (1313, 2781),

Gene: Ayanochan_13 Start: 8157, Stop: 9929, Start Num: 117
Candidate Starts for Ayanochan_13:
(Start: 103 @8142 has 278 MA's), (Start: 117 @8157 has 12 MA's), (Start: 123 @8163 has 9 MA's), (Start: 231 @8274 has 26 MA's), (288, 8373), (406, 8535), (445, 8607), (476, 8661), (503, 8700), (558, 8772), (593, 8862), (603, 8886), (663, 9003), (673, 9018), (727, 9126), (776, 9201), (798, 9237), (837, 9297), (920, 9417), (936, 9438), (980, 9477), (1007, 9531), (1015, 9534), (1026, 9552), (1061, 9606), (1086, 9636), (1096, 9648), (1182, 9738), (1198, 9756), (1269, 9885), (1290, 9912), (1292, 9915),

Gene: AylexOG_4 Start: 1044, Stop: 2672, Start Num: 211
Candidate Starts for AylexOG_4:
(Start: 211 @1044 has 88 MA's), (330, 1200), (409, 1308), (459, 1392), (479, 1416), (489, 1434), (585, 1542), (586, 1545), (607, 1605), (622, 1623), (632, 1653), (642, 1683), (949, 2139), (963, 2154), (1222, 2505), (1318, 2661),

Gene: Ayotoya_6 Start: 2230, Stop: 3660, Start Num: 329
Candidate Starts for Ayotoya_6:
(201, 2062), (Start: 204 @2065 has 1 MA's), (207, 2068), (213, 2074), (Start: 329 @2230 has 15 MA's), (343, 2248), (409, 2371), (427, 2389), (448, 2428), (452, 2437), (504, 2521), (585, 2605), (588, 2620), (601, 2653), (634, 2719), (666, 2788), (700, 2851), (819, 3040), (829, 3052), (866, 3100), (898, 3142), (928, 3193), (989, 3268), (990, 3271), (1003, 3298), (1044, 3358), (1069, 3391), (1083, 3406), (1118, 3442), (1154, 3484), (1178, 3511), (1211, 3547), (1214, 3553), (1241, 3592),

Gene: Azaz_2 Start: 373, Stop: 1995, Start Num: 182
Candidate Starts for Azaz_2:
(Start: 164 @352 has 12 MA's), (Start: 182 @373 has 18 MA's), (374, 604), (381, 616), (400, 652), (409, 670), (414, 676), (455, 748), (587, 916), (607, 967), (625, 991), (636, 1027), (643, 1048), (651, 1063), (682, 1123), (744, 1207), (896, 1423), (905, 1435), (949, 1501), (953, 1507), (980, 1546), (1014, 1585), (1015, 1591), (1030, 1618), (1063, 1663), (1246, 1903), (1259, 1930), (1271, 1951), (1304, 1981), (1306, 1984),

Gene: Azira_6 Start: 1989, Stop: 3689, Start Num: 176
Candidate Starts for Azira_6:
(Start: 176 @1989 has 83 MA's), (203, 2019), (237, 2061), (350, 2199), (383, 2247), (407, 2277), (426, 2310), (450, 2361), (454, 2376), (476, 2406), (507, 2457), (572, 2556), (582, 2577), (619, 2646), (634, 2688), (645, 2718), (729, 2865), (758, 2916), (798, 2979), (814, 3003), (888, 3069), (908, 3102), (911, 3126), (913, 3129), (917, 3138), (930, 3159), (956, 3186), (988, 3231), (992, 3243), (994, 3249), (1007, 3270), (1035, 3309), (1112, 3408), (1140, 3444), (1222, 3531), (1265, 3612), (1269, 3618), (1311, 3675), (1313, 3678),

Gene: Aziz_18 Start: 5321, Stop: 6862, Start Num: 181
Candidate Starts for Aziz_18:
(Start: 181 @5321 has 21 MA's), (Start: 184 @5324 has 3 MA's), (323, 5507), (332, 5525), (371, 5558), (377, 5567), (454, 5705), (582, 5858), (595, 5897), (638, 5990), (646, 6011), (733, 6158), (775, 6218), (918, 6365), (939, 6392), (990, 6470), (1028, 6530), (1045, 6557), (1241, 6812),

Gene: Azizam_3 Start: 1074, Stop: 2534, Start Num: 193
Candidate Starts for Azizam_3:
(Start: 193 @1074 has 146 MA's), (Start: 198 @1080 has 6 MA's), (325, 1242), (330, 1251), (377, 1311), (415, 1380), (431, 1401), (455, 1452), (606, 1656), (669, 1791), (744, 1869), (753, 1884), (777, 1920), (804, 1962), (832, 1995), (840, 2013), (923, 2133), (925, 2136), (936, 2148), (990, 2223), (1031, 2286), (1044, 2304), (1045, 2307), (1186, 2469), (1199, 2478), (1205, 2487), (1232, 2526),

Gene: Azrael100_25 Start: 8124, Stop: 9737, Start Num: 165
Candidate Starts for Azrael100_25:
(Start: 165 @8124 has 5 MA's), (284, 8274), (Start: 302 @8292 has 3 MA's), (Start: 324 @8325 has 4 MA's), (330, 8337), (380, 8388), (381, 8391), (406, 8439), (409, 8445), (440, 8484), (442, 8487), (454, 8520), (502, 8589), (557, 8655), (566, 8673), (582, 8697), (585, 8703), (631, 8808), (646, 8850), (658, 8868), (662, 8877), (792, 9081), (795, 9087), (822, 9120), (953, 9285), (963, 9294), (966, 9300), (968, 9303), (1003, 9378), (1028, 9411), (1038, 9426), (1111, 9507), (1224, 9660), (1235, 9681), (1239, 9684),

Gene: Aztec_3 Start: 1074, Stop: 2534, Start Num: 193
Candidate Starts for Aztec_3:
(Start: 193 @1074 has 146 MA's), (Start: 198 @1080 has 6 MA's), (325, 1242), (330, 1251), (377, 1311), (415, 1380), (431, 1401), (455, 1452), (606, 1656), (744, 1869), (753, 1884), (777, 1920), (804, 1962), (832, 1995), (840, 2013), (923, 2133), (925, 2136), (936, 2148), (990, 2223), (1031, 2286), (1044, 2304), (1045, 2307), (1186, 2469), (1199, 2478), (1205, 2487), (1232, 2526),

Gene: Azula_2 Start: 361, Stop: 1959, Start Num: 163
Candidate Starts for Azula_2:
(Start: 113 @334 has 24 MA's), (Start: 163 @361 has 37 MA's), (269, 475), (275, 484), (313, 517), (Start: 324 @535 has 4 MA's), (334, 550), (362, 571), (377, 592), (404, 646), (409, 655), (431, 691), (451, 727), (454, 739), (489, 781), (491, 784), (630, 1003), (637, 1018), (642, 1033), (643, 1036), (702, 1111), (736, 1162), (837, 1318), (855, 1339), (857, 1342), (914, 1429), (923, 1441), (952, 1474), (953, 1477), (984, 1516), (988, 1522), (989, 1525), (1031, 1594), (1033, 1597), (1085, 1657), (1087, 1660), (1093, 1669), (1148, 1738), (1156, 1753), (1287, 1942),

Gene: B1_09 Start: 6133, Stop: 7830, Start Num: 102
Candidate Starts for B1_09:
(Start: 102 @6133 has 391 MA's), (174, 6205), (363, 6403), (406, 6466), (465, 6577), (476, 6589), (503, 6628), (518, 6640), (558, 6697), (569, 6721), (584, 6751), (593, 6787), (596, 6796), (634, 6877), (643, 6904), (720, 7042), (763, 7108), (778, 7129), (798, 7162), (864, 7228), (915, 7303), (928, 7327), (930, 7330), (936, 7336), (943, 7345), (988, 7393), (1007, 7432), (1015, 7435), (1026, 7453), (1096, 7549), (1134, 7603), (1253, 7756), (1269, 7786), (1292, 7816), (1294, 7819),

Gene: B3_3 Start: 1202, Stop: 2782, Start Num: 211
Candidate Starts for B3_3:
(Start: 202 @1193 has 4 MA's), (Start: 205 @1196 has 7 MA's), (Start: 211 @1202 has 88 MA's), (Start: 231 @1229 has 26 MA's), (253, 1262), (282, 1292), (Start: 297 @1310 has 2 MA's), (Start: 300 @1313 has 12 MA's), (312, 1328), (Start: 324 @1349 has 4 MA's), (325, 1352), (394, 1439), (400, 1451), (409, 1469), (421, 1499), (422, 1502), (456, 1574), (460, 1580), (487, 1616), (491, 1622), (517, 1655), (559, 1712), (584, 1754), (586, 1760), (623, 1841), (635, 1877), (636, 1880), (646, 1907), (651, 1916), (669, 1952), (784, 2096), (808, 2126), (829, 2153), (836, 2168), (844, 2180), (877, 2222), (898, 2264), (906, 2273), (914, 2297), (953, 2345), (962, 2351), (973, 2372), (974, 2375), (1015, 2429), (1031, 2459), (1093, 2498), (1111, 2522), (1133, 2555), (1165, 2573), (1189, 2600), (1196, 2606), (1203, 2618), (1235, 2666), (1249, 2696), (1298, 2771),

Gene: BABullseye_15 Start: 7523, Stop: 9277, Start Num: 103

Candidate Starts for BABullseye_15:
(Start: 103 @7523 has 278 MA's), (288, 7754), (325, 7805), (350, 7841), (406, 7916), (476, 8039), (503, 8078), (558, 8147), (569, 8171), (571, 8174), (593, 8237), (603, 8261), (646, 8360), (647, 8363), (671, 8390), (673, 8393), (864, 8678), (920, 8765), (928, 8777), (988, 8840), (1007, 8879), (1026, 8900), (1086, 8984), (1096, 8996), (1269, 9233), (1290, 9260), (1292, 9263),

Gene: BAjuniper_3 Start: 781, Stop: 2379, Start Num: 211
Candidate Starts for BAjuniper_3:
(Start: 211 @781 has 88 MA's), (Start: 231 @808 has 26 MA's), (288, 877), (Start: 297 @889 has 2 MA's), (330, 937), (377, 982), (409, 1045), (414, 1051), (459, 1129), (479, 1153), (491, 1174), (554, 1228), (585, 1279), (607, 1342), (636, 1402), (642, 1420), (667, 1471), (829, 1693), (896, 1795), (898, 1798), (914, 1831), (1017, 1966), (1236, 2260), (1255, 2296), (1312, 2368), (1314, 2371),

Gene: BBQValindra_2 Start: 522, Stop: 2105, Start Num: 175
Candidate Starts for BBQValindra_2:
(137, 489), (152, 498), (Start: 155 @501 has 82 MA's), (Start: 175 @522 has 14 MA's), (261, 624), (431, 840), (454, 888), (499, 948), (509, 960), (584, 1050), (630, 1155), (702, 1299), (794, 1446), (835, 1506), (893, 1578), (952, 1665), (1000, 1743), (1009, 1755), (1031, 1785), (1044, 1803), (1104, 1872), (1118, 1887), (1128, 1899), (1135, 1911),

Gene: BFK20_ORF2 Start: 538, Stop: 2166, Start Num: 204
Candidate Starts for BFK20_ORF2:
(Start: 107 @427 has 1 MA's), (Start: 180 @508 has 11 MA's), (Start: 204 @538 has 1 MA's), (380, 763), (396, 796), (445, 901), (461, 937), (470, 949), (482, 964), (489, 976), (529, 1024), (541, 1042), (548, 1054), (559, 1072), (585, 1120), (605, 1180), (636, 1243), (646, 1270), (768, 1387), (785, 1417), (908, 1609), (1093, 1831), (1111, 1855), (1184, 1927), (1257, 2044), (1318, 2146), (1319, 2152),

Gene: BK1_09 Start: 6581, Stop: 8269, Start Num: 102
Candidate Starts for BK1_09:
(Start: 102 @6581 has 391 MA's), (Start: 302 @6761 has 3 MA's), (363, 6845), (383, 6881), (406, 6908), (476, 7031), (500, 7064), (558, 7139), (593, 7229), (603, 7253), (621, 7280), (637, 7328), (720, 7484), (760, 7544), (939, 7778), (952, 7790), (988, 7832), (995, 7853), (1020, 7880), (1096, 7988), (1182, 8078), (1246, 8183),

Gene: BPBiebs31_12 Start: 7253, Stop: 8941, Start Num: 102
Candidate Starts for BPBiebs31_12:
(Start: 102 @7253 has 391 MA's), (Start: 302 @7433 has 3 MA's), (363, 7517), (383, 7553), (406, 7580), (456, 7676), (476, 7703), (500, 7736), (558, 7811), (593, 7901), (603, 7925), (621, 7952), (637, 8000), (679, 8069), (720, 8156), (760, 8216), (930, 8441), (939, 8450), (952, 8462), (988, 8504), (995, 8525), (1020, 8552), (1096, 8660), (1182, 8750), (1246, 8855),

Gene: BabeRuth_2 Start: 527, Stop: 2044, Start Num: 245
Candidate Starts for BabeRuth_2:
(Start: 231 @509 has 26 MA's), (Start: 234 @512 has 29 MA's), (Start: 245 @527 has 1 MA's), (282, 584), (Start: 297 @602 has 2 MA's), (309, 614), (368, 686), (390, 722), (400, 743), (443, 806), (508, 926), (573, 1010), (601, 1076), (636, 1148), (637, 1151), (641, 1163), (713, 1289), (728, 1313), (769, 1376), (830, 1460), (873, 1517), (886, 1532), (930, 1607), (943, 1625), (1047, 1769), (1079, 1790), (1098, 1823), (1109, 1838), (1134, 1874), (1205, 1952), (1207, 1955), (1210, 1961),

Gene: Babsiella_2 Start: 521, Stop: 2080, Start Num: 138
Candidate Starts for Babsiella_2:
(Start: 138 @521 has 6 MA's), (Start: 231 @611 has 26 MA's), (327, 698), (364, 755), (399, 818), (467, 935), (475, 944), (519, 1016), (544, 1052), (593, 1160), (597, 1172), (598, 1175), (619, 1214), (627,

1232), (699, 1379), (747, 1421), (807, 1505), (824, 1526), (894, 1589), (936, 1667), (938, 1670), (951, 1682), (1026, 1817), (1027, 1820), (1072, 1883), (1074, 1886), (1097, 1919), (1190, 2000), (1212, 2033),

Gene: Babushka_2 Start: 372, Stop: 1994, Start Num: 182
Candidate Starts for Babushka_2:
(Start: 164 @351 has 12 MA's), (Start: 182 @372 has 18 MA's), (Start: 300 @513 has 12 MA's), (377, 606), (400, 651), (409, 669), (455, 747), (554, 852), (607, 966), (636, 1026), (643, 1047), (651, 1062), (682, 1122), (698, 1143), (744, 1206), (896, 1422), (905, 1434), (916, 1461), (949, 1500), (980, 1545), (1014, 1584), (1030, 1617), (1063, 1662), (1157, 1779), (1203, 1833), (1246, 1902), (1249, 1908), (1259, 1929), (1304, 1980), (1306, 1983),

Gene: Baby16_11 Start: 6893, Stop: 8590, Start Num: 102
Candidate Starts for Baby16_11:
(Start: 102 @6893 has 391 MA's), (Start: 126 @6917 has 206 MA's), (Start: 239 @7040 has 2 MA's), (339, 7130), (363, 7163), (426, 7262), (473, 7346), (476, 7349), (503, 7388), (558, 7457), (569, 7481), (593, 7547), (634, 7637), (720, 7802), (778, 7889), (798, 7922), (864, 7988), (913, 8060), (915, 8063), (928, 8087), (980, 8138), (988, 8153), (1007, 8192), (1026, 8213), (1096, 8309), (1269, 8546), (1292, 8576), (1294, 8579),

Gene: BabyBack_14 Start: 9110, Stop: 10870, Start Num: 103
Candidate Starts for BabyBack_14:
(Start: 103 @9110 has 278 MA's), (Start: 206 @9218 has 29 MA's), (226, 9239), (276, 9329), (288, 9347), (473, 9629), (476, 9632), (503, 9671), (558, 9740), (593, 9830), (603, 9854), (646, 9953), (671, 9983), (673, 9986), (864, 10271), (915, 10346), (920, 10358), (928, 10370), (992, 10445), (1015, 10475), (1026, 10493), (1086, 10577), (1096, 10589), (1144, 10658), (1269, 10826), (1290, 10853), (1292, 10856),

Gene: BabyDaisy_4 Start: 944, Stop: 2572, Start Num: 211
Candidate Starts for BabyDaisy_4:
(Start: 211 @944 has 88 MA's), (330, 1100), (409, 1208), (443, 1253), (459, 1292), (489, 1334), (554, 1391), (585, 1442), (586, 1445), (607, 1505), (622, 1523), (632, 1553), (642, 1583), (963, 2054), (1030, 2156), (1222, 2405), (1249, 2453), (1261, 2477), (1304, 2522),

Gene: BabyJohn_10 Start: 6717, Stop: 8414, Start Num: 102
Candidate Starts for BabyJohn_10:
(Start: 102 @6717 has 391 MA's), (174, 6789), (363, 6987), (406, 7050), (465, 7161), (476, 7173), (503, 7212), (518, 7224), (558, 7281), (569, 7305), (593, 7371), (596, 7380), (634, 7461), (643, 7488), (720, 7626), (763, 7692), (778, 7713), (798, 7746), (864, 7812), (915, 7887), (928, 7911), (930, 7914), (936, 7920), (943, 7929), (988, 7977), (1007, 8016), (1026, 8037), (1096, 8133), (1130, 8178), (1134, 8187), (1253, 8340), (1269, 8370), (1292, 8400), (1294, 8403),

Gene: BabyRay_11 Start: 6733, Stop: 8430, Start Num: 102
Candidate Starts for BabyRay_11:
(Start: 102 @6733 has 391 MA's), (Start: 126 @6757 has 206 MA's), (320, 6940), (363, 7003), (406, 7066), (465, 7177), (476, 7189), (503, 7228), (558, 7297), (569, 7321), (593, 7387), (596, 7396), (634, 7477), (720, 7642), (763, 7708), (778, 7729), (798, 7762), (864, 7828), (928, 7927), (930, 7930), (936, 7936), (943, 7945), (980, 7978), (988, 7993), (1026, 8053), (1096, 8149), (1130, 8194), (1134, 8203), (1144, 8218), (1253, 8356), (1269, 8386), (1292, 8416), (1294, 8419),

Gene: BabyYoda_3 Start: 958, Stop: 2583, Start Num: 211
Candidate Starts for BabyYoda_3:

(Start: 211 @958 has 88 MA's), (330, 1114), (381, 1168), (409, 1222), (426, 1237), (459, 1306), (491, 1351), (585, 1456), (586, 1459), (607, 1519), (622, 1537), (623, 1540), (632, 1567), (642, 1597), (744, 1759), (898, 1975), (949, 2050), (962, 2062), (1222, 2416), (1249, 2464),

Gene: Bachaco_3 Start: 938, Stop: 2503, Start Num: 211
Candidate Starts for Bachaco_3:
(Start: 211 @938 has 88 MA's), (330, 1094), (409, 1202), (455, 1280), (461, 1289), (482, 1316), (554, 1385), (585, 1436), (607, 1499), (642, 1577), (829, 1850), (914, 1988), (1008, 2117), (1015, 2120), (1255, 2420), (1271, 2450), (1314, 2495),

Gene: Bachita_32 Start: 9113, Stop: 10861, Start Num: 127
Candidate Starts for Bachita_32:
(Start: 127 @9113 has 26 MA's), (153, 9143), (280, 9272), (419, 9458), (433, 9497), (447, 9521), (478, 9569), (496, 9596), (511, 9626), (619, 9818), (627, 9836), (704, 9998), (756, 10046), (766, 10061), (901, 10244), (905, 10250), (957, 10334), (991, 10421), (1016, 10454), (1084, 10568), (1115, 10604), (1134, 10628), (1159, 10643), (1273, 10817), (1278, 10823),

Gene: Bachome_12 Start: 8021, Stop: 9784, Start Num: 103
Candidate Starts for Bachome_12:
(Start: 103 @8021 has 278 MA's), (Start: 123 @8042 has 9 MA's), (Start: 206 @8129 has 29 MA's), (288, 8258), (309, 8282), (350, 8345), (445, 8489), (473, 8540), (476, 8543), (558, 8654), (569, 8678), (571, 8681), (593, 8744), (596, 8753), (603, 8768), (663, 8885), (673, 8900), (701, 8960), (751, 9044), (920, 9272), (928, 9284), (980, 9332), (988, 9347), (1007, 9386), (1026, 9407), (1049, 9446), (1086, 9491), (1096, 9503), (1269, 9740), (1290, 9767),

Gene: BackstagePass_2 Start: 495, Stop: 2078, Start Num: 175
Candidate Starts for BackstagePass_2:
(137, 462), (152, 471), (Start: 155 @474 has 82 MA's), (Start: 175 @495 has 14 MA's), (454, 861), (499, 921), (509, 933), (584, 1023), (630, 1128), (668, 1203), (702, 1272), (794, 1419), (835, 1479), (893, 1551), (952, 1638), (1000, 1716), (1009, 1728), (1031, 1758), (1044, 1776), (1104, 1845), (1128, 1872), (1135, 1884),

Gene: Backyardigan_11 Start: 6893, Stop: 8590, Start Num: 102
Candidate Starts for Backyardigan_11:
(Start: 102 @6893 has 391 MA's), (Start: 126 @6917 has 206 MA's), (363, 7163), (429, 7268), (473, 7346), (476, 7349), (503, 7388), (558, 7457), (569, 7481), (593, 7547), (634, 7637), (720, 7802), (751, 7847), (778, 7889), (798, 7922), (864, 7988), (913, 8060), (915, 8063), (928, 8087), (988, 8153), (1007, 8192), (1026, 8213), (1096, 8309), (1267, 8543), (1269, 8546), (1292, 8576), (1294, 8579),

Gene: BaconJack_13 Start: 7032, Stop: 8720, Start Num: 102
Candidate Starts for BaconJack_13:
(Start: 102 @7032 has 391 MA's), (363, 7296), (379, 7320), (476, 7482), (500, 7515), (558, 7590), (593, 7680), (603, 7704), (621, 7731), (637, 7779), (679, 7848), (720, 7935), (760, 7995), (930, 8220), (939, 8229), (952, 8241), (988, 8283), (995, 8304), (1020, 8331), (1096, 8439), (1182, 8529), (1246, 8634),

Gene: Bactobuster_13 Start: 9196, Stop: 10974, Start Num: 103
Candidate Starts for Bactobuster_13:
(Start: 103 @9196 has 278 MA's), (Start: 123 @9214 has 9 MA's), (Start: 231 @9325 has 26 MA's), (Start: 239 @9337 has 2 MA's), (260, 9379), (266, 9391), (271, 9400), (288, 9424), (350, 9511), (473, 9706), (476, 9709), (503, 9748), (558, 9817), (593, 9907), (603, 9931), (646, 10030), (673, 10063), (857, 10363), (915, 10450), (992, 10549), (1007, 10576), (1026, 10597), (1096, 10693), (1269, 10930), (1290, 10957), (1292, 10960),

Gene: BadWillHunting_4 Start: 1013, Stop: 2494, Start Num: 300
Candidate Starts for BadWillHunting_4:
(Start: 164 @848 has 12 MA's), (Start: 300 @1013 has 12 MA's), (325, 1052), (374, 1103), (381, 1115), (400, 1151), (409, 1169), (554, 1352), (607, 1466), (619, 1478), (636, 1526), (643, 1547), (651, 1562), (682, 1619), (905, 1934), (949, 2000), (962, 2012), (980, 2045), (1014, 2084), (1017, 2093), (1020, 2096), (1063, 2162), (1093, 2192), (1126, 2237), (1157, 2279), (1182, 2306), (1184, 2309), (1246, 2402), (1249, 2408), (1259, 2429), (1265, 2441), (1304, 2480), (1306, 2483),

Gene: Badger_11 Start: 6882, Stop: 8579, Start Num: 102
Candidate Starts for Badger_11:
(Start: 102 @6882 has 391 MA's), (Start: 126 @6906 has 206 MA's), (363, 7152), (429, 7257), (473, 7335), (476, 7338), (503, 7377), (558, 7446), (569, 7470), (593, 7536), (634, 7626), (720, 7791), (751, 7836), (778, 7878), (798, 7911), (864, 7977), (913, 8049), (915, 8052), (928, 8076), (988, 8142), (1007, 8181), (1026, 8202), (1096, 8298), (1267, 8532), (1269, 8535), (1292, 8565), (1294, 8568),

Gene: Baehexic_13 Start: 7944, Stop: 9731, Start Num: 103
Candidate Starts for Baehexic_13:
(49, 7860), (Start: 103 @7944 has 278 MA's), (Start: 206 @8052 has 29 MA's), (226, 8073), (288, 8181), (476, 8466), (558, 8574), (593, 8664), (603, 8688), (663, 8805), (673, 8820), (915, 9207), (1007, 9333), (1026, 9354), (1096, 9450), (1269, 9687), (1290, 9714), (1292, 9717), (1294, 9720), (1296, 9723),

Gene: BaileyBlu_2 Start: 464, Stop: 1966, Start Num: 188
Candidate Starts for BaileyBlu_2:
(168, 437), (Start: 188 @464 has 4 MA's), (282, 569), (309, 599), (332, 635), (451, 806), (453, 812), (557, 929), (596, 1013), (601, 1025), (605, 1034), (631, 1091), (663, 1163), (715, 1250), (753, 1307), (808, 1385), (900, 1499), (906, 1508), (989, 1622), (1030, 1688), (1130, 1793), (1248, 1955),

Gene: Baine_3 Start: 1071, Stop: 2531, Start Num: 193
Candidate Starts for Baine_3:
(Start: 193 @1071 has 146 MA's), (Start: 198 @1077 has 6 MA's), (325, 1239), (330, 1248), (377, 1308), (415, 1377), (431, 1398), (455, 1449), (606, 1653), (744, 1866), (753, 1881), (777, 1917), (804, 1959), (832, 1992), (840, 2010), (923, 2130), (925, 2133), (936, 2145), (990, 2220), (1031, 2283), (1044, 2301), (1045, 2304), (1186, 2466), (1199, 2475), (1205, 2484), (1232, 2523),

Gene: Ball_2 Start: 633, Stop: 2009, Start Num: 406
Candidate Starts for Ball_2:
(365, 570), (406, 633), (426, 657), (437, 681), (480, 765), (529, 834), (536, 846), (623, 1014), (632, 1041), (675, 1119), (683, 1140), (708, 1194), (798, 1344), (800, 1347), (818, 1374), (960, 1551), (999, 1629), (1007, 1641), (1084, 1767), (1128, 1833), (1137, 1848), (1144, 1860), (1217, 1938), (1251, 2001),

Gene: Balloona_3 Start: 903, Stop: 2579, Start Num: 176
Candidate Starts for Balloona_3:
(Start: 176 @903 has 83 MA's), (Start: 224 @954 has 17 MA's), (237, 975), (295, 1020), (325, 1062), (350, 1098), (394, 1164), (450, 1260), (468, 1296), (476, 1305), (480, 1308), (507, 1356), (518, 1368), (572, 1455), (654, 1635), (687, 1689), (791, 1869), (814, 1902), (890, 1968), (917, 2034), (920, 2040), (988, 2124), (1038, 2205), (1061, 2238), (1116, 2307), (1196, 2385), (1198, 2388), (1249, 2478), (1253, 2484), (1265, 2505), (1269, 2511), (1311, 2565), (1313, 2568),

Gene: BangNhom_10 Start: 6861, Stop: 8558, Start Num: 102
Candidate Starts for BangNhom_10:

(Start: 102 @6861 has 391 MA's), (Start: 126 @6885 has 206 MA's), (Start: 239 @7008 has 2 MA's), (339, 7098), (363, 7131), (473, 7314), (476, 7317), (503, 7356), (558, 7425), (569, 7449), (593, 7515), (634, 7605), (720, 7770), (778, 7857), (798, 7890), (864, 7956), (913, 8028), (915, 8031), (928, 8055), (980, 8106), (988, 8121), (1007, 8160), (1026, 8181), (1096, 8277), (1269, 8514), (1292, 8544), (1294, 8547),

Gene: Banquo_11 Start: 4530, Stop: 6218, Start Num: 119
Candidate Starts for Banquo_11:
(Start: 119 @4530 has 3 MA's), (189, 4608), (338, 4800), (400, 4881), (431, 4926), (443, 4944), (452, 4965), (467, 4995), (496, 5034), (554, 5103), (586, 5157), (625, 5241), (626, 5244), (627, 5247), (635, 5274), (636, 5277), (744, 5382), (813, 5499), (825, 5514), (883, 5607), (887, 5613), (901, 5637), (920, 5679), (930, 5694), (963, 5724), (969, 5736), (1002, 5787), (1015, 5799), (1044, 5847), (1050, 5856), (1096, 5922), (1133, 5976), (1169, 6009), (1251, 6126), (1264, 6144), (1272, 6156), (1310, 6204), (1316, 6210),

Gene: Bantam_12 Start: 6089, Stop: 7825, Start Num: 127
Candidate Starts for Bantam_12:
(Start: 127 @6089 has 26 MA's), (Start: 205 @6161 has 7 MA's), (248, 6218), (370, 6350), (428, 6461), (447, 6497), (505, 6593), (593, 6737), (604, 6764), (627, 6812), (637, 6845), (672, 6902), (758, 7019), (787, 7064), (1084, 7535), (1195, 7643), (1251, 7739),

Gene: Baoshan_3 Start: 901, Stop: 2469, Start Num: 149
Candidate Starts for Baoshan_3:
(Start: 149 @901 has 70 MA's), (Start: 155 @907 has 82 MA's), (Start: 164 @916 has 12 MA's), (271, 1063), (352, 1165), (414, 1255), (484, 1360), (582, 1498), (585, 1504), (599, 1549), (636, 1624), (659, 1672), (684, 1726), (700, 1750), (713, 1771), (728, 1795), (733, 1801), (753, 1831), (757, 1837), (782, 1873), (848, 1930), (866, 1948), (876, 1963), (925, 2038), (927, 2041), (963, 2077), (968, 2086), (990, 2122), (1031, 2188), (1093, 2263), (1114, 2281), (1118, 2290), (1241, 2437), (1252, 2461), (1254, 2464),

Gene: BarBear_3 Start: 1086, Stop: 2546, Start Num: 193
Candidate Starts for BarBear_3:
(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (744, 1881), (753, 1896), (777, 1932), (804, 1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: Barbarian_8 Start: 2168, Stop: 3838, Start Num: 301
Candidate Starts for Barbarian_8:
(Start: 301 @2168 has 48 MA's), (344, 2231), (479, 2465), (548, 2567), (632, 2747), (641, 2771), (650, 2789), (663, 2801), (694, 2864), (698, 2876), (725, 2921), (734, 2936), (784, 3014), (811, 3059), (845, 3113), (851, 3119), (917, 3233), (994, 3377), (1019, 3413), (1118, 3566), (1129, 3578), (1175, 3635), (1205, 3671), (1235, 3722), (1251, 3758), (1253, 3761), (1294, 3827),

Gene: BarbieDoll_8 Start: 3540, Stop: 5273, Start Num: 217
Candidate Starts for BarbieDoll_8:
(Start: 217 @3540 has 209 MA's), (Start: 244 @3579 has 5 MA's), (259, 3615), (287, 3639), (438, 3876), (446, 3894), (458, 3924), (504, 4002), (525, 4023), (561, 4092), (604, 4194), (616, 4218), (636, 4275), (647, 4308), (680, 4380), (728, 4479), (744, 4509), (770, 4551), (804, 4608), (868, 4689), (967, 4821), (1000, 4890), (1003, 4893), (1068, 4986), (1146, 5097), (1182, 5121), (1196, 5133), (1203, 5145), (1244, 5223), (1246, 5226),

Gene: Barbonzobean_7 Start: 3236, Stop: 4969, Start Num: 217

Candidate Starts for Barbonzobean_7:
(Start: 217 @3236 has 209 MA's), (Start: 244 @3275 has 5 MA's), (259, 3311), (287, 3335), (438, 3572), (446, 3590), (458, 3620), (504, 3698), (525, 3719), (561, 3788), (604, 3890), (616, 3914), (636, 3971), (647, 4004), (680, 4076), (728, 4175), (744, 4205), (770, 4247), (804, 4304), (868, 4385), (967, 4517), (1000, 4586), (1003, 4589), (1068, 4682), (1146, 4793), (1182, 4817), (1196, 4829), (1203, 4841), (1244, 4919), (1246, 4922),

Gene: Barco_2 Start: 360, Stop: 1928, Start Num: 163
Candidate Starts for Barco_2:
(59, 255), (Start: 163 @360 has 37 MA's), (251, 444), (269, 477), (313, 519), (Start: 324 @537 has 4 MA's), (334, 552), (362, 573), (377, 594), (396, 633), (431, 693), (451, 729), (454, 741), (491, 786), (498, 795), (522, 822), (584, 900), (630, 1005), (637, 1020), (642, 1035), (702, 1113), (736, 1164), (837, 1320), (869, 1359), (898, 1398), (923, 1443), (963, 1488), (965, 1491), (968, 1497), (984, 1518), (989, 1527), (990, 1530), (1005, 1560), (1026, 1584), (1033, 1599), (1118, 1701), (1148, 1743), (1156, 1758), (1176, 1779), (1188, 1794), (1251, 1890), (1262, 1902), (1269, 1911), (1273, 1917),

Gene: Barebow_2 Start: 355, Stop: 1803, Start Num: 193
Candidate Starts for Barebow_2:
(Start: 96 @244 has 7 MA's), (178, 337), (Start: 193 @355 has 146 MA's), (242, 418), (277, 478), (374, 592), (404, 649), (409, 658), (430, 682), (587, 895), (600, 928), (602, 931), (622, 961), (702, 1078), (735, 1117), (943, 1426), (980, 1468), (990, 1489), (1028, 1546), (1034, 1555), (1045, 1573), (1057, 1588), (1232, 1795),

Gene: Barnstormer_2 Start: 634, Stop: 2352, Start Num: 100
Candidate Starts for Barnstormer_2:
(Start: 100 @634 has 15 MA's), (434, 1006), (462, 1057), (476, 1075), (572, 1225), (887, 1720), (1096, 2026), (1106, 2041), (1217, 2206), (1256, 2278),

Gene: Barriga_11 Start: 6857, Stop: 8545, Start Num: 102
Candidate Starts for Barriga_11:
(Start: 102 @6857 has 391 MA's), (363, 7121), (379, 7145), (476, 7307), (500, 7340), (558, 7415), (593, 7505), (603, 7529), (621, 7556), (637, 7604), (647, 7631), (720, 7760), (727, 7769), (760, 7820), (930, 8045), (939, 8054), (952, 8066), (988, 8108), (995, 8129), (1020, 8156), (1096, 8264), (1182, 8354), (1246, 8459),

Gene: BarrowTuph_10 Start: 6904, Stop: 8592, Start Num: 102
Candidate Starts for BarrowTuph_10:
(Start: 102 @6904 has 391 MA's), (363, 7168), (379, 7192), (476, 7354), (500, 7387), (558, 7462), (593, 7552), (603, 7576), (637, 7651), (720, 7807), (727, 7816), (758, 7864), (760, 7867), (930, 8092), (939, 8101), (952, 8113), (988, 8155), (995, 8176), (1020, 8203), (1096, 8311), (1182, 8401), (1246, 8506),

Gene: BarryBee_8 Start: 2376, Stop: 4022, Start Num: 75
Candidate Starts for BarryBee_8:
(Start: 75 @2376 has 95 MA's), (Start: 92 @2394 has 10 MA's), (Start: 239 @2526 has 2 MA's), (325, 2598), (350, 2634), (462, 2814), (480, 2835), (515, 2880), (543, 2922), (582, 2994), (593, 3018), (638, 3117), (643, 3132), (663, 3156), (665, 3162), (786, 3330), (915, 3480), (927, 3501), (980, 3564), (992, 3591), (1064, 3699), (1096, 3738), (1112, 3759), (1116, 3765), (1130, 3783), (1217, 3879), (1251, 3939), (1300, 4017),

Gene: Bartholomew_2 Start: 413, Stop: 2089, Start Num: 134
Candidate Starts for Bartholomew_2:

(Start: 134 @413 has 105 MA's), (313, 629), (338, 668), (360, 725), (362, 731), (373, 749), (397, 794), (404, 806), (409, 815), (414, 821), (451, 878), (459, 899), (467, 911), (541, 1001), (636, 1190), (702, 1286), (720, 1316), (736, 1337), (837, 1490), (984, 1688), (989, 1697), (1000, 1724), (1031, 1766), (1044, 1784), (1118, 1868), (1130, 1883), (1269, 2072),

Gene: BartholomewSD_8 Start: 2347, Stop: 3993, Start Num: 75
Candidate Starts for BartholomewSD_8:
(Start: 75 @2347 has 95 MA's), (Start: 239 @2497 has 2 MA's), (363, 2617), (382, 2650), (443, 2743), (450, 2758), (462, 2785), (480, 2806), (543, 2893), (582, 2965), (593, 2989), (638, 3088), (654, 3124), (716, 3229), (766, 3265), (786, 3301), (800, 3319), (913, 3448), (915, 3451), (920, 3463), (927, 3472), (930, 3478), (933, 3481), (992, 3562), (1007, 3589), (1064, 3670), (1096, 3709), (1112, 3730), (1130, 3754), (1179, 3796), (1196, 3814), (1251, 3910), (1300, 3988),

Gene: Bartimeaus_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Bartimeaus_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Basilisk_3 Start: 961, Stop: 2607, Start Num: 164
Candidate Starts for Basilisk_3:
(Start: 141 @937 has 6 MA's), (Start: 164 @961 has 12 MA's), (Start: 224 @1027 has 17 MA's), (Start: 300 @1123 has 12 MA's), (306, 1132), (381, 1225), (401, 1264), (409, 1279), (430, 1303), (489, 1405), (607, 1576), (619, 1588), (622, 1594), (636, 1636), (643, 1657), (674, 1717), (687, 1747), (698, 1756), (744, 1819), (832, 1936), (896, 2035), (905, 2047), (949, 2113), (963, 2128), (980, 2158), (1014, 2197), (1017, 2206), (1023, 2215), (1044, 2251), (1093, 2305), (1246, 2515), (1267, 2557), (1306, 2596),

Gene: Bask21_8 Start: 1963, Stop: 3633, Start Num: 296
Candidate Starts for Bask21_8:
(Start: 296 @1963 has 11 MA's), (479, 2260), (548, 2362), (632, 2542), (641, 2566), (650, 2584), (663, 2596), (694, 2659), (698, 2671), (725, 2716), (734, 2731), (784, 2809), (811, 2854), (845, 2908), (851, 2914), (917, 3028), (946, 3076), (994, 3172), (1019, 3208), (1118, 3361), (1129, 3373), (1175, 3430), (1205, 3466), (1235, 3517), (1251, 3553), (1253, 3556), (1294, 3622),

Gene: BatStarr_2 Start: 498, Stop: 2222, Start Num: 206
Candidate Starts for BatStarr_2:
(Start: 193 @483 has 146 MA's), (Start: 206 @498 has 29 MA's), (280, 588), (426, 804), (437, 828), (439, 834), (450, 858), (483, 915), (536, 987), (633, 1185), (655, 1227), (664, 1233), (702, 1317), (723, 1344), (793, 1455), (809, 1482), (926, 1659), (1092, 1932), (1094, 1935), (1098, 1941), (1115, 1962), (1141, 2001), (1177, 2049), (1185, 2058), (1205, 2082), (1226, 2100), (1253, 2157), (1295, 2214),

Gene: Batiatus_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Batiatus_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246,

2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Battleship_15 Start: 6808, Stop: 8505, Start Num: 103
Candidate Starts for Battleship_15:
(Start: 103 @6808 has 278 MA's), (121, 6826), (292, 6988), (406, 7144), (445, 7213), (476, 7267), (558, 7375), (571, 7402), (593, 7465), (603, 7489), (928, 8005), (988, 8068), (1015, 8110), (1096, 8224), (1196, 8329), (1269, 8461), (1290, 8488), (1292, 8491), (1294, 8494),

Gene: Bavilard_4 Start: 1679, Stop: 3355, Start Num: 176
Candidate Starts for Bavilard_4:
(Start: 176 @1679 has 83 MA's), (Start: 224 @1730 has 17 MA's), (237, 1751), (295, 1796), (325, 1838), (350, 1874), (450, 2036), (468, 2072), (476, 2081), (480, 2084), (507, 2132), (518, 2144), (572, 2231), (654, 2411), (687, 2465), (791, 2645), (814, 2678), (890, 2744), (917, 2810), (920, 2816), (988, 2900), (1038, 2981), (1061, 3014), (1116, 3083), (1196, 3161), (1253, 3260), (1265, 3281), (1269, 3287), (1311, 3341), (1313, 3344),

Gene: BaxterFox_2 Start: 318, Stop: 1901, Start Num: 134
Candidate Starts for BaxterFox_2:
(Start: 134 @318 has 105 MA's), (251, 426), (313, 504), (332, 537), (397, 621), (402, 630), (461, 726), (550, 816), (596, 912), (607, 936), (630, 978), (679, 1071), (760, 1179), (837, 1293), (873, 1338), (876, 1344), (895, 1365), (950, 1455), (952, 1458), (986, 1500), (989, 1506), (1005, 1539), (1044, 1593), (1078, 1629), (1120, 1680), (1164, 1743), (1228, 1827), (1247, 1857),

Gene: Bazzle_4 Start: 1010, Stop: 2578, Start Num: 149
Candidate Starts for Bazzle_4:
(Start: 149 @1010 has 70 MA's), (Start: 155 @1016 has 82 MA's), (271, 1172), (Start: 314 @1220 has 1 MA's), (Start: 324 @1238 has 4 MA's), (484, 1469), (582, 1607), (585, 1613), (636, 1733), (659, 1781), (700, 1859), (713, 1880), (728, 1904), (733, 1910), (753, 1940), (757, 1946), (777, 1973), (782, 1982), (876, 2072), (927, 2150), (963, 2186), (990, 2231), (1031, 2297), (1069, 2348), (1093, 2372), (1114, 2390), (1118, 2399), (1241, 2546), (1252, 2570), (1254, 2573),

Gene: BearBQ_2 Start: 486, Stop: 2147, Start Num: 176
Candidate Starts for BearBQ_2:
(Start: 53 @324 has 20 MA's), (68, 357), (Start: 70 @360 has 1 MA's), (Start: 105 @411 has 1 MA's), (Start: 113 @420 has 24 MA's), (Start: 142 @453 has 1 MA's), (Start: 176 @486 has 83 MA's), (Start: 224 @537 has 17 MA's), (Start: 231 @549 has 26 MA's), (250, 576), (292, 597), (343, 666), (350, 681), (380, 720), (394, 747), (406, 756), (407, 759), (426, 792), (442, 825), (443, 828), (450, 843), (468, 879), (471, 882), (476, 888), (489, 903), (491, 906), (515, 942), (558, 996), (582, 1047), (593, 1071), (634, 1158), (665, 1218), (673, 1227), (687, 1263), (706, 1299), (730, 1341), (762, 1395), (778, 1419), (791, 1443), (849, 1503), (863, 1509), (908, 1572), (928, 1626), (943, 1644), (988, 1701), (992, 1713), (1007, 1740), (1064, 1821), (1091, 1851), (1119, 1890), (1140, 1914), (1185, 1950), (1196, 1962), (1198, 1965), (1251, 2058), (1253, 2061), (1261, 2079), (1279, 2100), (1300, 2121), (1313, 2136),

Gene: BeardedLady_7 Start: 2667, Stop: 4295, Start Num: 92
Candidate Starts for BeardedLady_7:
(Start: 75 @2649 has 95 MA's), (Start: 92 @2667 has 10 MA's), (325, 2871), (382, 2952), (462, 3087), (480, 3108), (543, 3195), (582, 3267), (593, 3291), (638, 3390), (673, 3444), (751, 3543), (786, 3603), (920, 3765), (927, 3774), (992, 3864), (1007, 3891), (1062, 3969), (1064, 3972), (1096, 4011), (1112, 4032), (1116, 4038), (1130, 4056), (1217, 4152), (1251, 4212),

Gene: Beaupre_2 Start: 594, Stop: 2282, Start Num: 122
Candidate Starts for Beaupre_2:

(Start: 122 @594 has 16 MA's), (343, 795), (434, 939), (476, 1008), (541, 1095), (572, 1149), (591, 1188), (646, 1323), (705, 1425), (887, 1647), (915, 1698), (1064, 1917), (1096, 1953), (1106, 1968), (1251, 2193), (1256, 2205), (1265, 2220), (1300, 2271),

Gene: Beauxregard13_13 Start: 6957, Stop: 8657, Start Num: 104
Candidate Starts for Beauxregard13_13:
(Start: 104 @6957 has 125 MA's), (151, 7005), (292, 7140), (426, 7332), (476, 7419), (593, 7617), (634, 7707), (671, 7770), (760, 7932), (915, 8130), (928, 8154), (930, 8157), (988, 8220), (995, 8241), (1026, 8280), (1096, 8376), (1134, 8430), (1182, 8466), (1269, 8613), (1292, 8643), (1294, 8646),

Gene: Bedetta_4 Start: 1013, Stop: 2494, Start Num: 300
Candidate Starts for Bedetta_4:
(Start: 164 @848 has 12 MA's), (Start: 300 @1013 has 12 MA's), (325, 1052), (374, 1103), (381, 1115), (400, 1151), (409, 1169), (554, 1352), (607, 1466), (619, 1478), (636, 1526), (643, 1547), (651, 1562), (682, 1619), (905, 1934), (949, 2000), (962, 2012), (980, 2045), (1014, 2084), (1017, 2093), (1020, 2096), (1063, 2162), (1093, 2192), (1126, 2237), (1157, 2279), (1182, 2306), (1184, 2309), (1246, 2402), (1249, 2408), (1259, 2429), (1265, 2441), (1304, 2480), (1306, 2483),

Gene: BeeGee_2 Start: 485, Stop: 2284, Start Num: 113
Candidate Starts for BeeGee_2:
(Start: 113 @485 has 24 MA's), (240, 623), (343, 782), (350, 797), (414, 881), (429, 911), (434, 923), (443, 932), (460, 971), (476, 992), (541, 1076), (580, 1148), (596, 1184), (614, 1220), (647, 1310), (663, 1331), (685, 1376), (687, 1382), (705, 1415), (868, 1589), (892, 1616), (930, 1685), (936, 1691), (988, 1757), (992, 1769), (1007, 1796), (1064, 1907), (1086, 1943), (1096, 1955), (1111, 1979), (1128, 2006), (1143, 2030), (1189, 2093), (1217, 2135), (1249, 2192), (1256, 2207), (1265, 2222), (1267, 2225), (1300, 2270), (1302, 2273),

Gene: Beelzebub_39 Start: 11419, Stop: 13161, Start Num: 176
Candidate Starts for Beelzebub_39:
(Start: 176 @11419 has 83 MA's), (292, 11536), (325, 11581), (354, 11647), (358, 11662), (379, 11695), (380, 11698), (388, 11713), (407, 11737), (409, 11740), (426, 11770), (436, 11791), (443, 11809), (447, 11818), (463, 11854), (476, 11869), (507, 11914), (543, 11956), (565, 11995), (572, 12007), (582, 12028), (604, 12079), (621, 12100), (747, 12322), (814, 12427), (821, 12436), (871, 12469), (890, 12490), (892, 12493), (908, 12520), (915, 12550), (920, 12562), (930, 12577), (939, 12586), (943, 12592), (971, 12634), (983, 12643), (990, 12658), (995, 12673), (1038, 12733), (1061, 12772), (1089, 12805), (1112, 12835), (1115, 12838), (1163, 12922), (1196, 12976), (1205, 12991), (1224, 13018), (1251, 13072), (1309, 13144), (1311, 13147),

Gene: Beemo_13 Start: 8164, Stop: 9930, Start Num: 123
Candidate Starts for Beemo_13:
(Start: 103 @8143 has 278 MA's), (Start: 117 @8158 has 12 MA's), (Start: 123 @8164 has 9 MA's), (Start: 231 @8275 has 26 MA's), (288, 8374), (406, 8536), (445, 8608), (476, 8662), (503, 8701), (558, 8773), (593, 8863), (603, 8887), (663, 9004), (673, 9019), (727, 9127), (776, 9202), (798, 9238), (837, 9298), (920, 9418), (936, 9439), (980, 9478), (1007, 9532), (1015, 9535), (1026, 9553), (1061, 9607), (1086, 9637), (1096, 9649), (1182, 9739), (1198, 9757), (1269, 9886), (1290, 9913), (1292, 9916),

Gene: Beenie_3 Start: 820, Stop: 2379, Start Num: 134
Candidate Starts for Beenie_3:
(Start: 134 @820 has 105 MA's), (251, 928), (313, 1006), (332, 1039), (396, 1120), (397, 1123), (402, 1132), (431, 1168), (461, 1228), (550, 1318), (552, 1321), (596, 1414), (599, 1423), (607, 1438), (647, 1522), (679, 1573), (736, 1639), (760, 1681), (806, 1750), (810, 1756), (837, 1795), (855, 1816), (873, 1840), (876, 1846), (895, 1867), (918, 1912), (950, 1948), (952, 1951), (986, 1993), (1078, 2122), (1120, 2173), (1214, 2302), (1266, 2362),

Gene: BeesKnees_12 Start: 7055, Stop: 8743, Start Num: 102
Candidate Starts for BeesKnees_12:
(Start: 102 @7055 has 391 MA's), (363, 7319), (379, 7343), (476, 7505), (500, 7538), (558, 7613), (593, 7703), (603, 7727), (621, 7754), (637, 7802), (679, 7871), (720, 7958), (727, 7967), (760, 8018), (930, 8243), (939, 8252), (952, 8264), (988, 8306), (995, 8327), (1020, 8354), (1096, 8462), (1182, 8552), (1246, 8657),

Gene: Beethoven_5 Start: 3076, Stop: 4641, Start Num: 155
Candidate Starts for Beethoven_5:
(Start: 155 @3076 has 82 MA's), (Start: 324 @3286 has 4 MA's), (374, 3340), (409, 3406), (430, 3430), (573, 3646), (584, 3661), (586, 3667), (607, 3727), (740, 3886), (759, 3916), (768, 3931), (815, 4012), (880, 4090), (883, 4099), (905, 4135), (923, 4174), (953, 4207), (963, 4216), (977, 4243), (1020, 4297), (1044, 4339), (1111, 4384), (1126, 4405), (1141, 4429), (1222, 4507), (1308, 4627),

Gene: Begonia_2 Start: 360, Stop: 1928, Start Num: 163
Candidate Starts for Begonia_2:
(59, 255), (Start: 163 @360 has 37 MA's), (251, 444), (269, 477), (313, 519), (Start: 324 @537 has 4 MA's), (334, 552), (362, 573), (377, 594), (396, 633), (431, 693), (451, 729), (454, 741), (489, 783), (498, 795), (516, 816), (522, 822), (584, 900), (630, 1005), (637, 1020), (642, 1035), (702, 1113), (736, 1164), (837, 1320), (855, 1341), (869, 1359), (873, 1365), (914, 1431), (923, 1443), (963, 1488), (965, 1491), (968, 1497), (984, 1518), (989, 1527), (990, 1530), (1033, 1599), (1118, 1701), (1148, 1743), (1156, 1758), (1188, 1794), (1251, 1890), (1262, 1902), (1269, 1911),

Gene: Belenaria_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Belenaria_8:
(Start: 104 @3156 has 125 MA's), (Start: 302 @3342 has 3 MA's), (350, 3414), (363, 3426), (379, 3450), (383, 3462), (476, 3615), (489, 3630), (536, 3690), (593, 3798), (621, 3855), (718, 4053), (729, 4071), (763, 4125), (866, 4236), (892, 4269), (915, 4311), (936, 4344), (992, 4413), (1096, 4557), (1130, 4602), (1196, 4662), (1251, 4761), (1269, 4794), (1290, 4821), (1292, 4824), (1294, 4827),

Gene: Bellis_5 Start: 1186, Stop: 2751, Start Num: 149
Candidate Starts for Bellis_5:
(Start: 149 @1186 has 70 MA's), (Start: 155 @1192 has 82 MA's), (284, 1363), (374, 1468), (381, 1480), (476, 1636), (484, 1645), (486, 1648), (488, 1651), (550, 1726), (582, 1780), (584, 1783), (585, 1786), (688, 2017), (737, 2092), (753, 2113), (757, 2119), (808, 2188), (848, 2212), (866, 2230), (876, 2245), (963, 2359), (988, 2398), (990, 2404), (1031, 2470), (1111, 2560), (1118, 2572), (1155, 2611), (1228, 2698), (1252, 2743), (1254, 2746),

Gene: Bellris_11 Start: 6185, Stop: 7972, Start Num: 103
Candidate Starts for Bellris_11:
(Start: 103 @6185 has 278 MA's), (Start: 231 @6314 has 26 MA's), (288, 6413), (406, 6575), (422, 6608), (445, 6647), (476, 6701), (503, 6740), (558, 6812), (593, 6902), (603, 6926), (663, 7043), (673, 7058), (727, 7166), (776, 7241), (839, 7340), (869, 7373), (920, 7457), (936, 7478), (980, 7520), (988, 7535), (992, 7547), (1007, 7574), (1026, 7595), (1061, 7649), (1096, 7691), (1182, 7781), (1198, 7799), (1230, 7850), (1269, 7928), (1290, 7955), (1292, 7958),

Gene: BellusTerra_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for BellusTerra_11:
(26, 6707), (32, 6725), (36, 6755), (Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300),

(1269, 8537), (1292, 8567), (1294, 8570),

Gene: BelmontSKP_4 Start: 1038, Stop: 2663, Start Num: 211
Candidate Starts for BelmontSKP_4:
(Start: 211 @1038 has 88 MA's), (Start: 231 @1065 has 26 MA's), (330, 1194), (381, 1248), (409, 1302), (426, 1317), (453, 1371), (459, 1386), (554, 1485), (585, 1536), (586, 1539), (607, 1599), (642, 1677), (949, 2130), (963, 2145), (1222, 2496), (1318, 2652),

Gene: Belthelas_3 Start: 1125, Stop: 2585, Start Num: 193
Candidate Starts for Belthelas_3:
(Start: 193 @1125 has 146 MA's), (Start: 198 @1131 has 6 MA's), (325, 1293), (330, 1302), (377, 1362), (415, 1431), (431, 1452), (455, 1503), (606, 1707), (669, 1842), (744, 1920), (753, 1935), (777, 1971), (804, 2013), (832, 2046), (840, 2064), (923, 2184), (925, 2187), (936, 2199), (990, 2274), (1031, 2337), (1044, 2355), (1045, 2358), (1186, 2520), (1199, 2529), (1232, 2577),

Gene: Bench_10 Start: 2583, Stop: 4253, Start Num: 301
Candidate Starts for Bench_10:
(Start: 301 @2583 has 48 MA's), (344, 2646), (479, 2880), (548, 2982), (632, 3162), (641, 3186), (650, 3204), (663, 3216), (694, 3279), (698, 3291), (725, 3336), (734, 3351), (784, 3429), (811, 3474), (845, 3528), (851, 3534), (917, 3648), (994, 3792), (1019, 3828), (1118, 3981), (1129, 3993), (1175, 4050), (1205, 4086), (1235, 4137), (1251, 4173), (1253, 4176), (1294, 4242),

Gene: Benedict_9 Start: 6015, Stop: 7766, Start Num: 63
Candidate Starts for Benedict_9:
(Start: 53 @5988 has 20 MA's), (Start: 63 @6015 has 32 MA's), (Start: 105 @6075 has 1 MA's), (114, 6084), (Start: 154 @6123 has 1 MA's), (228, 6198), (Start: 231 @6204 has 26 MA's), (350, 6336), (406, 6411), (407, 6414), (521, 6588), (593, 6720), (613, 6765), (643, 6843), (646, 6849), (743, 7014), (763, 7047), (778, 7068), (915, 7242), (928, 7266), (1007, 7368), (1026, 7389), (1061, 7443), (1086, 7473), (1096, 7485), (1134, 7539), (1267, 7719), (1269, 7722), (1294, 7755), (1299, 7761),

Gene: Bengal_3 Start: 689, Stop: 2317, Start Num: 211
Candidate Starts for Bengal_3:
(Start: 211 @689 has 88 MA's), (330, 845), (409, 953), (459, 1037), (489, 1079), (554, 1136), (585, 1187), (586, 1190), (607, 1250), (622, 1268), (632, 1298), (642, 1328), (949, 1784), (963, 1799), (1222, 2150), (1249, 2198), (1318, 2306),

Gene: BengiVuitton_13 Start: 7865, Stop: 9655, Start Num: 103
Candidate Starts for BengiVuitton_13:
(25, 7691), (Start: 103 @7865 has 278 MA's), (Start: 206 @7973 has 29 MA's), (226, 7994), (276, 8084), (288, 8102), (309, 8126), (476, 8390), (558, 8498), (593, 8588), (603, 8612), (663, 8729), (673, 8744), (857, 9044), (992, 9230), (1007, 9257), (1096, 9374), (1269, 9611), (1290, 9638), (1292, 9641),

Gene: BenitoAntonio_8 Start: 3839, Stop: 5599, Start Num: 211
Candidate Starts for BenitoAntonio_8:
(172, 3791), (Start: 211 @3839 has 88 MA's), (Start: 217 @3845 has 209 MA's), (280, 3938), (287, 3944), (446, 4211), (458, 4241), (482, 4271), (504, 4319), (523, 4337), (525, 4340), (547, 4382), (604, 4511), (680, 4697), (728, 4796), (770, 4868), (804, 4925), (859, 5003), (868, 5015), (949, 5129), (967, 5147), (990, 5192), (1000, 5216), (1003, 5219), (1030, 5258), (1131, 5399), (1179, 5444), (1182, 5447), (1196, 5459), (1226, 5507), (1242, 5540), (1244, 5549), (1246, 5552),

Gene: Benllo_7 Start: 3847, Stop: 5601, Start Num: 217
Candidate Starts for Benllo_7:

(172, 3793), (Start: 211 @3841 has 88 MA's), (Start: 217 @3847 has 209 MA's), (280, 3940), (287, 3946), (446, 4213), (458, 4243), (482, 4273), (504, 4321), (523, 4339), (525, 4342), (604, 4513), (680, 4699), (728, 4798), (744, 4828), (770, 4870), (804, 4927), (859, 5005), (868, 5017), (949, 5131), (967, 5149), (990, 5194), (1000, 5218), (1003, 5221), (1030, 5260), (1131, 5401), (1179, 5446), (1182, 5449), (1196, 5461), (1226, 5509), (1242, 5542), (1244, 5551), (1246, 5554),

Gene: Bennie_2 Start: 426, Stop: 1991, Start Num: 155
Candidate Starts for Bennie_2:
(Start: 155 @426 has 82 MA's), (Start: 324 @636 has 4 MA's), (379, 696), (396, 732), (409, 756), (414, 762), (430, 780), (540, 942), (554, 963), (607, 1077), (636, 1137), (719, 1203), (740, 1236), (759, 1266), (768, 1281), (815, 1362), (880, 1440), (883, 1449), (953, 1557), (963, 1566), (977, 1593), (1020, 1647), (1044, 1689), (1126, 1755), (1222, 1857),

Gene: BennyP_15 Start: 7533, Stop: 9287, Start Num: 103
Candidate Starts for BennyP_15:
(Start: 103 @7533 has 278 MA's), (288, 7764), (325, 7815), (350, 7851), (406, 7926), (476, 8049), (503, 8088), (558, 8157), (569, 8181), (571, 8184), (593, 8247), (603, 8271), (646, 8370), (647, 8373), (671, 8400), (673, 8403), (864, 8688), (920, 8775), (928, 8787), (988, 8850), (1007, 8889), (1026, 8910), (1086, 8994), (1096, 9006), (1269, 9243), (1290, 9270), (1292, 9273),

Gene: Benvolio_12 Start: 7541, Stop: 9328, Start Num: 103
Candidate Starts for Benvolio_12:
(25, 7367), (Start: 103 @7541 has 278 MA's), (Start: 206 @7649 has 29 MA's), (226, 7670), (288, 7778), (350, 7865), (473, 8060), (476, 8063), (558, 8171), (593, 8261), (603, 8285), (663, 8402), (673, 8417), (857, 8717), (992, 8903), (1007, 8930), (1026, 8951), (1096, 9047), (1269, 9284), (1290, 9311), (1292, 9314),

Gene: Bernal13_3 Start: 724, Stop: 2607, Start Num: 96
Candidate Starts for Bernal13_3:
(16, 475), (Start: 96 @724 has 7 MA's), (177, 805), (Start: 182 @814 has 18 MA's), (257, 910), (260, 922), (350, 1054), (447, 1201), (450, 1207), (462, 1234), (476, 1252), (528, 1315), (597, 1450), (693, 1651), (739, 1708), (917, 1927), (963, 1978), (973, 2002), (996, 2053), (1067, 2182), (1089, 2221), (1096, 2230), (1126, 2281), (1149, 2320), (1184, 2407), (1196, 2419), (1249, 2512), (1256, 2527), (1257, 2530),

Gene: Bernstein_2 Start: 653, Stop: 2215, Start Num: 211
Candidate Starts for Bernstein_2:
(Start: 211 @653 has 88 MA's), (Start: 297 @761 has 2 MA's), (330, 809), (409, 917), (414, 923), (426, 932), (429, 938), (430, 941), (485, 1037), (554, 1100), (607, 1214), (636, 1274), (642, 1292), (791, 1520), (829, 1565), (914, 1703), (1189, 2030), (1310, 2204), (1314, 2207),

Gene: Berrie_2 Start: 532, Stop: 2238, Start Num: 101
Candidate Starts for Berrie_2:
(Start: 101 @532 has 50 MA's), (444, 904), (476, 961), (512, 1009), (572, 1099), (646, 1273), (828, 1525), (915, 1648), (1038, 1828), (1096, 1903), (1106, 1918), (1196, 2053), (1244, 2137), (1251, 2149), (1256, 2161),

Gene: BetterKatz_6 Start: 2231, Stop: 3661, Start Num: 329
Candidate Starts for BetterKatz_6:
(201, 2063), (Start: 204 @2066 has 1 MA's), (207, 2069), (213, 2075), (Start: 329 @2231 has 15 MA's), (343, 2249), (409, 2372), (427, 2390), (448, 2429), (452, 2438), (504, 2522), (585, 2606), (588, 2621), (601, 2654), (605, 2663), (634, 2720), (666, 2789), (700, 2852), (819, 3041), (829, 3053), (866, 3101), (898, 3143), (928, 3194), (989, 3269), (990, 3272), (1003, 3299), (1044, 3359), (1069, 3392), (1083,

3407), (1118, 3443), (1154, 3485), (1178, 3512), (1211, 3548), (1214, 3554), (1241, 3593),

Gene: BetterYeti_17 Start: 10301, Stop: 12046, Start Num: 217
Candidate Starts for BetterYeti_17:
(Start: 217 @10301 has 209 MA's), (222, 10307), (280, 10394), (287, 10400), (315, 10436), (343, 10490), (446, 10667), (469, 10712), (504, 10775), (525, 10796), (561, 10865), (604, 10967), (628, 11024), (647, 11081), (653, 11093), (680, 11153), (728, 11252), (731, 11258), (765, 11315), (804, 11381), (949, 11576), (982, 11618), (991, 11642), (1000, 11663), (1003, 11666), (1182, 11894), (1196, 11906), (1244, 11996), (1246, 11999),

Gene: Bhagsy_2 Start: 401, Stop: 2077, Start Num: 134
Candidate Starts for Bhagsy_2:
(Start: 134 @401 has 105 MA's), (313, 617), (338, 656), (360, 713), (373, 737), (397, 782), (404, 794), (409, 803), (414, 809), (451, 866), (459, 887), (467, 899), (541, 989), (636, 1178), (702, 1274), (720, 1304), (736, 1325), (828, 1466), (837, 1478), (873, 1523), (984, 1676), (989, 1685), (1000, 1712), (1031, 1754), (1044, 1772), (1118, 1856), (1130, 1871), (1269, 2060),

Gene: BiPauneto_27 Start: 12066, Stop: 13793, Start Num: 126
Candidate Starts for BiPauneto_27:
(Start: 126 @12066 has 206 MA's), (270, 12216), (317, 12267), (361, 12342), (365, 12351), (425, 12474), (433, 12492), (597, 12774), (612, 12801), (695, 12969), (699, 12981), (798, 13092), (937, 13275), (996, 13389), (1007, 13404), (1031, 13437), (1084, 13512), (1219, 13656), (1246, 13698), (1261, 13728), (1287, 13770),

Gene: Bialota_2 Start: 483, Stop: 2222, Start Num: 193
Candidate Starts for Bialota_2:
(Start: 193 @483 has 146 MA's), (Start: 206 @498 has 29 MA's), (280, 588), (426, 804), (437, 828), (439, 834), (450, 858), (483, 915), (536, 987), (633, 1185), (655, 1227), (664, 1233), (702, 1317), (723, 1344), (793, 1455), (809, 1482), (926, 1659), (1092, 1932), (1094, 1935), (1098, 1941), (1115, 1962), (1141, 2001), (1177, 2049), (1185, 2058), (1205, 2082), (1226, 2100), (1253, 2157), (1295, 2214),

Gene: BiancaTri92_14 Start: 9218, Stop: 11005, Start Num: 103
Candidate Starts for BiancaTri92_14:
(Start: 103 @9218 has 278 MA's), (Start: 206 @9326 has 29 MA's), (226, 9347), (288, 9455), (350, 9542), (388, 9596), (473, 9737), (476, 9740), (503, 9779), (558, 9848), (593, 9938), (603, 9962), (663, 10079), (673, 10094), (857, 10394), (915, 10481), (992, 10580), (1007, 10607), (1026, 10628), (1096, 10724), (1269, 10961), (1290, 10988), (1292, 10991),

Gene: Bibble12_4 Start: 1013, Stop: 2494, Start Num: 300
Candidate Starts for Bibble12_4:
(Start: 164 @848 has 12 MA's), (Start: 300 @1013 has 12 MA's), (325, 1052), (374, 1103), (381, 1115), (400, 1151), (409, 1169), (554, 1352), (607, 1466), (619, 1478), (636, 1526), (643, 1547), (651, 1562), (682, 1619), (905, 1934), (949, 2000), (980, 2045), (1014, 2084), (1020, 2096), (1063, 2162), (1093, 2192), (1126, 2237), (1157, 2279), (1246, 2402), (1249, 2408), (1259, 2429), (1265, 2441), (1304, 2480), (1306, 2483),

Gene: BigBubba_8 Start: 1963, Stop: 3633, Start Num: 296
Candidate Starts for BigBubba_8:
(Start: 296 @1963 has 11 MA's), (479, 2260), (548, 2362), (632, 2542), (641, 2566), (650, 2584), (663, 2596), (694, 2659), (698, 2671), (725, 2716), (734, 2731), (784, 2809), (811, 2854), (845, 2908), (851, 2914), (917, 3028), (946, 3076), (994, 3172), (1019, 3208), (1118, 3361), (1129, 3373), (1175, 3430), (1205, 3466), (1235, 3517), (1251, 3553), (1253, 3556), (1294, 3622),

Gene: BigCheese_4 Start: 1069, Stop: 2637, Start Num: 149
Candidate Starts for BigCheese_4:
(Start: 149 @1069 has 70 MA's), (Start: 155 @1075 has 82 MA's), (271, 1231), (484, 1528), (488, 1534), (533, 1594), (582, 1666), (585, 1672), (591, 1693), (636, 1792), (659, 1840), (684, 1894), (700, 1918), (728, 1963), (733, 1969), (753, 1999), (757, 2005), (777, 2032), (782, 2041), (848, 2098), (855, 2104), (873, 2125), (876, 2131), (925, 2206), (927, 2209), (963, 2245), (990, 2290), (1031, 2356), (1093, 2431), (1114, 2449), (1118, 2458), (1241, 2605), (1252, 2629), (1254, 2632),

Gene: BigChungus_3 Start: 928, Stop: 2604, Start Num: 176
Candidate Starts for BigChungus_3:
(Start: 176 @928 has 83 MA's), (Start: 224 @979 has 17 MA's), (237, 1000), (295, 1045), (325, 1087), (350, 1123), (394, 1189), (450, 1285), (468, 1321), (476, 1330), (480, 1333), (507, 1381), (518, 1393), (572, 1480), (654, 1660), (687, 1714), (791, 1894), (814, 1927), (890, 1993), (917, 2059), (920, 2065), (988, 2149), (1038, 2230), (1061, 2263), (1116, 2332), (1196, 2410), (1224, 2452), (1253, 2509), (1265, 2530), (1269, 2536), (1311, 2590), (1313, 2593),

Gene: BigMack_2 Start: 426, Stop: 1991, Start Num: 155
Candidate Starts for BigMack_2:
(Start: 155 @426 has 82 MA's), (Start: 324 @636 has 4 MA's), (374, 690), (409, 756), (430, 780), (540, 942), (607, 1077), (637, 1140), (740, 1236), (759, 1266), (815, 1362), (880, 1440), (883, 1449), (905, 1485), (953, 1557), (1020, 1647), (1044, 1689), (1126, 1755), (1222, 1857),

Gene: BigMau_13 Start: 7221, Stop: 8909, Start Num: 108
Candidate Starts for BigMau_13:
(Start: 108 @7221 has 24 MA's), (292, 7392), (Start: 302 @7401 has 3 MA's), (363, 7485), (380, 7512), (383, 7521), (476, 7671), (500, 7704), (558, 7779), (593, 7869), (603, 7893), (621, 7920), (637, 7968), (720, 8124), (760, 8184), (930, 8409), (939, 8418), (952, 8430), (988, 8472), (995, 8493), (1020, 8520), (1096, 8628), (1182, 8718), (1246, 8823),

Gene: BigNuz_2 Start: 392, Stop: 2065, Start Num: 134
Candidate Starts for BigNuz_2:
(27, 179), (54, 275), (Start: 134 @392 has 105 MA's), (Start: 221 @485 has 5 MA's), (Start: 232 @503 has 12 MA's), (313, 608), (338, 647), (397, 773), (409, 794), (414, 800), (417, 803), (451, 857), (467, 890), (541, 980), (636, 1169), (702, 1265), (736, 1316), (828, 1457), (837, 1469), (873, 1514), (984, 1667), (989, 1676), (1000, 1703), (1017, 1718), (1031, 1745), (1044, 1763), (1078, 1799), (1130, 1862), (1183, 1934), (1269, 2048),

Gene: BigPaolini_12 Start: 7646, Stop: 9334, Start Num: 102
Candidate Starts for BigPaolini_12:
(Start: 102 @7646 has 391 MA's), (363, 7910), (379, 7934), (476, 8096), (500, 8129), (558, 8204), (593, 8294), (603, 8318), (621, 8345), (637, 8393), (679, 8462), (720, 8549), (727, 8558), (758, 8606), (760, 8609), (939, 8843), (952, 8855), (988, 8897), (995, 8918), (1020, 8945), (1096, 9053), (1182, 9143), (1246, 9248),

Gene: BigSherm_6 Start: 1935, Stop: 3635, Start Num: 197
Candidate Starts for BigSherm_6:
(145, 1878), (Start: 180 @1914 has 11 MA's), (Start: 197 @1935 has 23 MA's), (253, 2010), (282, 2058), (Start: 300 @2079 has 12 MA's), (312, 2094), (330, 2127), (374, 2169), (377, 2172), (400, 2217), (409, 2235), (412, 2238), (414, 2241), (491, 2364), (510, 2388), (554, 2418), (607, 2532), (636, 2592), (643, 2613), (678, 2679), (768, 2844), (815, 2910), (829, 2925), (914, 3096), (986, 3195), (1015, 3228), (1035, 3264), (1038, 3267), (1096, 3309), (1126, 3351), (1182, 3399), (1203, 3426), (1205, 3429), (1208, 3435), (1246, 3498), (1292, 3576), (1318, 3624),

Gene: Bigchungi_11 Start: 6724, Stop: 8412, Start Num: 102
Candidate Starts for Bigchungi_11:
(Start: 102 @6724 has 391 MA's), (Start: 302 @6904 has 3 MA's), (363, 6988), (383, 7024), (406, 7051), (476, 7174), (558, 7282), (593, 7372), (603, 7396), (621, 7423), (637, 7471), (679, 7540), (720, 7627), (760, 7687), (930, 7912), (939, 7921), (952, 7933), (988, 7975), (995, 7996), (1020, 8023), (1096, 8131), (1182, 8221), (1246, 8326),

Gene: Bigflo_13 Start: 6955, Stop: 8655, Start Num: 104
Candidate Starts for Bigflo_13:
(Start: 104 @6955 has 125 MA's), (151, 7003), (292, 7138), (426, 7330), (476, 7417), (501, 7453), (593, 7615), (634, 7705), (671, 7768), (760, 7930), (915, 8128), (928, 8152), (930, 8155), (988, 8218), (995, 8239), (1026, 8278), (1096, 8374), (1134, 8428), (1182, 8464), (1269, 8611), (1292, 8641), (1294, 8644),

Gene: Bigfoot_10 Start: 6745, Stop: 8433, Start Num: 102
Candidate Starts for Bigfoot_10:
(Start: 102 @6745 has 391 MA's), (Start: 302 @6925 has 3 MA's), (363, 7009), (383, 7045), (406, 7072), (476, 7195), (558, 7303), (593, 7393), (603, 7417), (637, 7492), (679, 7561), (720, 7648), (760, 7708), (930, 7933), (939, 7942), (952, 7954), (988, 7996), (995, 8017), (1020, 8044), (1096, 8152), (1182, 8242), (1246, 8347),

Gene: BillDoor_6 Start: 1115, Stop: 2794, Start Num: 176
Candidate Starts for BillDoor_6:
(Start: 176 @1115 has 83 MA's), (Start: 224 @1166 has 17 MA's), (237, 1187), (Start: 239 @1190 has 2 MA's), (295, 1232), (343, 1298), (382, 1358), (394, 1379), (406, 1388), (450, 1475), (468, 1511), (476, 1520), (507, 1571), (572, 1670), (596, 1724), (619, 1760), (687, 1904), (706, 1940), (729, 1979), (821, 2126), (863, 2150), (917, 2249), (984, 2333), (1038, 2420), (1112, 2516), (1170, 2564), (1185, 2588), (1222, 2639), (1265, 2720), (1311, 2780), (1313, 2783),

Gene: BillKnuckles_12 Start: 7662, Stop: 9350, Start Num: 102
Candidate Starts for BillKnuckles_12:
(Start: 102 @7662 has 391 MA's), (Start: 302 @7842 has 3 MA's), (363, 7926), (383, 7962), (476, 8112), (500, 8145), (558, 8220), (593, 8310), (603, 8334), (621, 8361), (687, 8502), (760, 8625), (915, 8823), (930, 8850), (991, 8922), (995, 8934), (1015, 8955), (1049, 9012), (1096, 9069), (1182, 9159), (1184, 9162), (1251, 9273), (1253, 9276), (1269, 9306), (1292, 9336), (1294, 9339),

Gene: Bilo_7 Start: 3190, Stop: 4935, Start Num: 217
Candidate Starts for Bilo_7:
(Start: 217 @3190 has 209 MA's), (222, 3196), (252, 3244), (280, 3283), (287, 3289), (458, 3586), (504, 3664), (523, 3682), (525, 3685), (561, 3754), (580, 3787), (604, 3856), (628, 3913), (639, 3949), (680, 4042), (731, 4147), (804, 4270), (859, 4342), (967, 4483), (1000, 4552), (1003, 4555), (1101, 4693), (1161, 4762), (1182, 4783), (1184, 4786), (1196, 4795), (1207, 4813), (1226, 4843), (1244, 4885), (1246, 4888),

Gene: Bing_7 Start: 2813, Stop: 4546, Start Num: 217
Candidate Starts for Bing_7:
(Start: 217 @2813 has 209 MA's), (222, 2819), (280, 2906), (287, 2912), (430, 3134), (449, 3173), (485, 3233), (504, 3275), (525, 3296), (596, 3449), (604, 3467), (657, 3599), (667, 3623), (713, 3728), (728, 3752), (804, 3881), (859, 3950), (868, 3962), (944, 4073), (949, 4076), (967, 4094), (1000, 4163), (1003, 4166), (1038, 4217), (1146, 4370), (1182, 4394), (1196, 4406), (1244, 4496), (1246, 4499),

Gene: BinkBonk_3 Start: 1086, Stop: 2546, Start Num: 193
Candidate Starts for BinkBonk_3:

(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (744, 1881), (753, 1896), (777, 1932), (804, 1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: Bintii_3 Start: 1104, Stop: 2564, Start Num: 193
Candidate Starts for Bintii_3:
(Start: 193 @1104 has 146 MA's), (Start: 198 @1110 has 6 MA's), (325, 1272), (330, 1281), (377, 1341), (415, 1410), (431, 1431), (455, 1482), (606, 1686), (669, 1821), (744, 1899), (753, 1914), (765, 1932), (777, 1950), (804, 1992), (832, 2025), (840, 2043), (923, 2163), (925, 2166), (936, 2178), (943, 2190), (953, 2202), (990, 2253), (1028, 2310), (1031, 2316), (1038, 2325), (1044, 2334), (1045, 2337), (1186, 2499), (1199, 2508), (1205, 2517), (1232, 2556),

Gene: Bipolar_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Bipolar_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Bipper_9 Start: 4723, Stop: 6342, Start Num: 141
Candidate Starts for Bipper_9:
(Start: 141 @4723 has 6 MA's), (Start: 238 @4831 has 3 MA's), (Start: 324 @4942 has 4 MA's), (430, 5119), (431, 5122), (461, 5182), (510, 5248), (512, 5251), (573, 5311), (575, 5317), (635, 5449), (636, 5452), (646, 5479), (759, 5581), (804, 5650), (812, 5662), (836, 5698), (842, 5707), (853, 5722), (856, 5728), (896, 5785), (908, 5803), (923, 5836), (943, 5860), (963, 5878), (996, 5947), (1037, 6016), (1040, 6019), (1074, 6061), (1147, 6139), (1192, 6169), (1221, 6211), (1245, 6253), (1254, 6268),

Gene: Bircsak_11 Start: 7206, Stop: 8894, Start Num: 102
Candidate Starts for Bircsak_11:
(Start: 102 @7206 has 391 MA's), (363, 7470), (379, 7494), (476, 7656), (500, 7689), (558, 7764), (593, 7854), (603, 7878), (621, 7905), (637, 7953), (720, 8109), (760, 8169), (930, 8394), (939, 8403), (952, 8415), (988, 8457), (995, 8478), (1020, 8505), (1096, 8613), (1182, 8703), (1246, 8808),

Gene: Birdsong_2 Start: 486, Stop: 2147, Start Num: 176
Candidate Starts for Birdsong_2:
(Start: 53 @324 has 20 MA's), (68, 357), (Start: 70 @360 has 1 MA's), (83, 378), (Start: 105 @411 has 1 MA's), (Start: 113 @420 has 24 MA's), (Start: 142 @453 has 1 MA's), (Start: 176 @486 has 83 MA's), (Start: 224 @537 has 17 MA's), (Start: 231 @549 has 26 MA's), (250, 576), (343, 666), (394, 747), (406, 756), (407, 759), (426, 792), (450, 843), (468, 879), (471, 882), (476, 888), (489, 903), (491, 906), (503, 924), (515, 942), (558, 996), (582, 1047), (593, 1071), (634, 1158), (665, 1218), (673, 1227), (687, 1263), (706, 1299), (729, 1338), (730, 1341), (747, 1371), (849, 1503), (863, 1509), (908, 1572), (928, 1626), (943, 1644), (988, 1701), (992, 1713), (1007, 1740), (1064, 1821), (1091, 1851), (1119, 1890), (1140, 1914), (1185, 1950), (1196, 1962), (1198, 1965), (1251, 2058), (1253, 2061), (1261, 2079), (1279, 2100), (1300, 2121), (1313, 2136),

Gene: Biscayne_3 Start: 1101, Stop: 2561, Start Num: 193
Candidate Starts for Biscayne_3:

(Start: 193 @1101 has 146 MA's), (Start: 198 @1107 has 6 MA's), (325, 1269), (377, 1338), (415, 1407), (431, 1428), (455, 1479), (606, 1683), (765, 1929), (777, 1947), (804, 1989), (832, 2022), (840, 2040), (923, 2160), (925, 2163), (936, 2175), (943, 2187), (990, 2250), (1028, 2307), (1031, 2313), (1038, 2322), (1044, 2331), (1045, 2334), (1183, 2493), (1186, 2496), (1199, 2505),

Gene: Biscute_7 Start: 3236, Stop: 4969, Start Num: 217
Candidate Starts for Biscute_7:
(Start: 217 @3236 has 209 MA's), (Start: 244 @3275 has 5 MA's), (259, 3311), (287, 3335), (438, 3572), (446, 3590), (458, 3620), (504, 3698), (525, 3719), (561, 3788), (604, 3890), (616, 3914), (636, 3971), (647, 4004), (680, 4076), (728, 4175), (744, 4205), (770, 4247), (804, 4304), (868, 4385), (967, 4517), (1000, 4586), (1003, 4589), (1068, 4682), (1146, 4793), (1182, 4817), (1196, 4829), (1203, 4841), (1244, 4919), (1246, 4922),

Gene: Biskit_5 Start: 1110, Stop: 2789, Start Num: 176
Candidate Starts for Biskit_5:
(Start: 176 @1110 has 83 MA's), (Start: 224 @1161 has 17 MA's), (237, 1182), (Start: 290 @1221 has 2 MA's), (350, 1308), (382, 1353), (394, 1374), (406, 1383), (443, 1455), (468, 1506), (476, 1515), (507, 1566), (572, 1665), (582, 1686), (596, 1719), (619, 1755), (687, 1899), (706, 1935), (729, 1974), (747, 2007), (778, 2055), (814, 2112), (863, 2145), (890, 2178), (917, 2244), (920, 2250), (971, 2316), (984, 2328), (1038, 2415), (1112, 2511), (1170, 2559), (1222, 2634), (1265, 2715), (1311, 2775), (1313, 2778),

Gene: Bjanes7_2 Start: 318, Stop: 1889, Start Num: 134
Candidate Starts for Bjanes7_2:
(Start: 134 @318 has 105 MA's), (281, 474), (313, 504), (332, 537), (397, 621), (402, 630), (431, 666), (461, 726), (550, 816), (552, 819), (596, 912), (607, 936), (630, 978), (654, 1032), (679, 1071), (736, 1137), (741, 1149), (760, 1179), (783, 1212), (837, 1293), (873, 1338), (876, 1344), (895, 1365), (950, 1455), (986, 1500), (989, 1506), (1003, 1536), (1005, 1539), (1044, 1593), (1078, 1629), (1120, 1680), (1162, 1740), (1164, 1743), (1200, 1785), (1266, 1872),

Gene: BlackHoleSun_9 Start: 3597, Stop: 5330, Start Num: 217
Candidate Starts for BlackHoleSun_9:
(Start: 217 @3597 has 209 MA's), (287, 3696), (438, 3933), (458, 3981), (504, 4059), (523, 4077), (525, 4080), (561, 4149), (604, 4251), (616, 4275), (636, 4332), (680, 4437), (728, 4536), (744, 4566), (770, 4608), (804, 4665), (859, 4734), (868, 4746), (949, 4860), (967, 4878), (1000, 4947), (1003, 4950), (1146, 5154), (1182, 5178), (1196, 5190), (1203, 5202), (1244, 5280), (1246, 5283),

Gene: Blackbeetle_35 Start: 10438, Stop: 12180, Start Num: 176
Candidate Starts for Blackbeetle_35:
(Start: 176 @10438 has 83 MA's), (292, 10555), (325, 10600), (354, 10666), (358, 10681), (379, 10714), (380, 10717), (388, 10732), (407, 10756), (409, 10759), (426, 10789), (436, 10810), (443, 10828), (447, 10837), (463, 10873), (476, 10888), (507, 10933), (543, 10975), (565, 11014), (572, 11026), (582, 11047), (604, 11098), (621, 11119), (747, 11341), (814, 11446), (821, 11455), (871, 11488), (890, 11509), (892, 11512), (908, 11539), (915, 11569), (920, 11581), (930, 11596), (939, 11605), (943, 11611), (971, 11653), (983, 11662), (990, 11677), (995, 11692), (1038, 11752), (1061, 11791), (1089, 11824), (1112, 11854), (1115, 11857), (1163, 11941), (1196, 11995), (1205, 12010), (1224, 12037), (1251, 12091), (1309, 12163), (1311, 12166),

Gene: Blackflame_11 Start: 6733, Stop: 8421, Start Num: 102
Candidate Starts for Blackflame_11:
(Start: 102 @6733 has 391 MA's), (Start: 302 @6913 has 3 MA's), (363, 6997), (383, 7033), (476, 7183), (558, 7291), (593, 7381), (603, 7405), (637, 7480), (679, 7549), (720, 7636), (760, 7696), (939, 7930), (952, 7942), (988, 7984), (995, 8005), (1020, 8032), (1096, 8140), (1182, 8230), (1246, 8335),

Gene: Blackmoor_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Blackmoor_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Blanky_13 Start: 8159, Stop: 9904, Start Num: 217
Candidate Starts for Blanky_13:
(Start: 217 @8159 has 209 MA's), (222, 8165), (280, 8252), (287, 8258), (315, 8294), (343, 8348), (357, 8381), (438, 8507), (466, 8567), (504, 8633), (523, 8651), (525, 8654), (561, 8723), (604, 8825), (628, 8882), (653, 8951), (680, 9011), (728, 9110), (731, 9116), (748, 9146), (765, 9173), (804, 9239), (868, 9320), (940, 9425), (949, 9434), (961, 9440), (982, 9476), (991, 9500), (1000, 9521), (1003, 9524), (1131, 9704), (1182, 9752), (1196, 9764), (1207, 9782), (1244, 9854), (1246, 9857),

Gene: BlessJoy_15 Start: 7514, Stop: 9268, Start Num: 103
Candidate Starts for BlessJoy_15:
(Start: 103 @7514 has 278 MA's), (Start: 231 @7646 has 26 MA's), (288, 7745), (309, 7769), (325, 7796), (350, 7832), (406, 7907), (476, 8030), (489, 8045), (503, 8069), (558, 8138), (569, 8162), (571, 8165), (593, 8228), (603, 8252), (671, 8381), (673, 8384), (729, 8495), (855, 8657), (915, 8744), (920, 8756), (928, 8768), (980, 8816), (988, 8831), (1007, 8870), (1026, 8891), (1086, 8975), (1096, 8987), (1269, 9224), (1290, 9251), (1292, 9254),

Gene: Blesser_11 Start: 7310, Stop: 8998, Start Num: 102
Candidate Starts for Blesser_11:
(Start: 102 @7310 has 391 MA's), (325, 7526), (363, 7574), (379, 7598), (476, 7760), (558, 7868), (593, 7958), (603, 7982), (621, 8009), (637, 8057), (679, 8126), (720, 8213), (727, 8222), (758, 8270), (760, 8273), (939, 8507), (952, 8519), (988, 8561), (995, 8582), (1020, 8609), (1096, 8717), (1182, 8807), (1246, 8912),

Gene: Blexus_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Blexus_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (689, 1403), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: BlingBling_2 Start: 360, Stop: 1928, Start Num: 163
Candidate Starts for BlingBling_2:
(59, 255), (Start: 163 @360 has 37 MA's), (251, 444), (269, 477), (313, 519), (Start: 324 @537 has 4 MA's), (334, 552), (362, 573), (377, 594), (396, 633), (431, 693), (451, 729), (454, 741), (491, 786), (498, 795), (522, 822), (577, 891), (584, 900), (630, 1005), (637, 1020), (642, 1035), (702, 1113), (736, 1164), (837, 1320), (869, 1359), (898, 1398), (914, 1431), (923, 1443), (963, 1488), (965, 1491), (968, 1497), (984, 1518), (989, 1527), (990, 1530), (1005, 1560), (1026, 1584), (1033, 1599), (1118, 1701), (1148, 1743), (1156, 1758), (1176, 1779), (1188, 1794), (1262, 1902), (1269, 1911), (1273, 1917),

Gene: Blinn1_15 Start: 7566, Stop: 9320, Start Num: 103
Candidate Starts for Blinn1_15:
(Start: 103 @7566 has 278 MA's), (288, 7797), (325, 7848), (350, 7884), (406, 7959), (476, 8082), (503, 8121), (558, 8190), (569, 8214), (571, 8217), (593, 8280), (603, 8304), (646, 8403), (647, 8406), (671, 8433), (673, 8436), (864, 8721), (920, 8808), (928, 8820), (988, 8883), (1007, 8922), (1026, 8943), (1086, 9027), (1096, 9039), (1269, 9276), (1290, 9303), (1292, 9306),

Gene: Blino_2 Start: 361, Stop: 1959, Start Num: 163
Candidate Starts for Blino_2:
(Start: 113 @334 has 24 MA's), (157, 355), (Start: 163 @361 has 37 MA's), (269, 475), (275, 484), (313, 517), (Start: 324 @535 has 4 MA's), (334, 550), (362, 571), (377, 592), (409, 655), (431, 691), (451, 727), (454, 739), (476, 769), (489, 781), (491, 784), (630, 1003), (637, 1018), (642, 1033), (643, 1036), (702, 1111), (736, 1162), (837, 1318), (855, 1339), (857, 1342), (914, 1429), (923, 1441), (952, 1474), (953, 1477), (984, 1516), (989, 1525), (1031, 1594), (1033, 1597), (1085, 1657), (1087, 1660), (1093, 1669), (1148, 1738), (1287, 1942),

Gene: Blondies_5 Start: 1111, Stop: 2790, Start Num: 176
Candidate Starts for Blondies_5:
(Start: 176 @1111 has 83 MA's), (Start: 224 @1162 has 17 MA's), (237, 1183), (Start: 290 @1222 has 2 MA's), (350, 1309), (382, 1354), (394, 1375), (406, 1384), (443, 1456), (468, 1507), (476, 1516), (507, 1567), (572, 1666), (582, 1687), (596, 1720), (619, 1756), (687, 1900), (706, 1936), (729, 1975), (747, 2008), (778, 2056), (814, 2113), (863, 2146), (890, 2179), (917, 2245), (920, 2251), (971, 2317), (984, 2329), (988, 2335), (1038, 2416), (1112, 2512), (1170, 2560), (1222, 2635), (1265, 2716), (1311, 2776), (1313, 2779),

Gene: BloominB_5 Start: 1855, Stop: 3489, Start Num: 84
Candidate Starts for BloominB_5:
(Start: 84 @1855 has 21 MA's), (Start: 128 @1894 has 3 MA's), (199, 1942), (332, 2113), (373, 2152), (487, 2332), (494, 2341), (499, 2350), (550, 2413), (555, 2419), (594, 2503), (595, 2506), (596, 2509), (642, 2605), (643, 2608), (647, 2617), (690, 2683), (720, 2713), (738, 2740), (758, 2773), (772, 2794), (774, 2797), (837, 2893), (855, 2914), (914, 3004), (950, 3046), (965, 3064), (968, 3070), (1005, 3133), (1009, 3139), (1017, 3142), (1044, 3187), (1047, 3193), (1069, 3220), (1087, 3235), (1130, 3286), (1135, 3295), (1145, 3310), (1148, 3313), (1176, 3352), (1188, 3367), (1200, 3382), (1202, 3385), (1263, 3463), (1267, 3469),

Gene: BluSpix_11 Start: 7005, Stop: 8693, Start Num: 102
Candidate Starts for BluSpix_11:
(Start: 102 @7005 has 391 MA's), (Start: 302 @7185 has 3 MA's), (363, 7269), (379, 7293), (476, 7455), (500, 7488), (558, 7563), (593, 7653), (603, 7677), (621, 7704), (637, 7752), (720, 7908), (760, 7968), (930, 8193), (939, 8202), (952, 8214), (988, 8256), (995, 8277), (1020, 8304), (1096, 8412), (1182, 8502), (1246, 8607),

Gene: Blue_11 Start: 7112, Stop: 8800, Start Num: 102
Candidate Starts for Blue_11:
(Start: 102 @7112 has 391 MA's), (129, 7133), (Start: 302 @7292 has 3 MA's), (363, 7376), (383, 7412), (406, 7439), (476, 7562), (500, 7595), (558, 7670), (593, 7760), (603, 7784), (621, 7811), (637, 7859), (679, 7928), (714, 8003), (720, 8015), (760, 8075), (930, 8300), (939, 8309), (952, 8321), (988, 8363), (995, 8384), (1020, 8411), (1096, 8519), (1182, 8609), (1246, 8714),

Gene: Blue7_15 Start: 7507, Stop: 9261, Start Num: 103
Candidate Starts for Blue7_15:
(Start: 103 @7507 has 278 MA's), (Start: 231 @7639 has 26 MA's), (288, 7738), (309, 7762), (325, 7789), (350, 7825), (406, 7900), (476, 8023), (489, 8038), (503, 8062), (558, 8131), (569, 8155), (571,

8158), (593, 8221), (603, 8245), (671, 8374), (673, 8377), (729, 8488), (855, 8650), (915, 8737), (920, 8749), (928, 8761), (980, 8809), (988, 8824), (1007, 8863), (1026, 8884), (1086, 8968), (1096, 8980), (1269, 9217), (1290, 9244), (1292, 9247),

Gene: BlueBird_12 Start: 6496, Stop: 8193, Start Num: 102
Candidate Starts for BlueBird_12:
(Start: 102 @6496 has 391 MA's), (Start: 126 @6520 has 206 MA's), (174, 6568), (363, 6766), (406, 6829), (465, 6940), (476, 6952), (503, 6991), (518, 7003), (558, 7060), (569, 7084), (593, 7150), (596, 7159), (634, 7240), (643, 7267), (720, 7405), (778, 7492), (798, 7525), (864, 7591), (915, 7666), (928, 7690), (930, 7693), (936, 7699), (943, 7708), (980, 7741), (988, 7756), (1026, 7816), (1096, 7912), (1130, 7957), (1134, 7966), (1253, 8119), (1269, 8149), (1292, 8179), (1294, 8182),

Gene: BlueCrab_2 Start: 571, Stop: 2208, Start Num: 126
Candidate Starts for BlueCrab_2:
(Start: 126 @571 has 206 MA's), (133, 580), (Start: 147 @595 has 3 MA's), (Start: 217 @652 has 209 MA's), (Start: 219 @655 has 2 MA's), (271, 718), (310, 757), (372, 844), (419, 904), (433, 916), (442, 928), (445, 937), (447, 940), (454, 961), (467, 982), (519, 1054), (543, 1093), (580, 1162), (584, 1168), (597, 1198), (598, 1201), (603, 1210), (612, 1225), (621, 1243), (638, 1294), (689, 1387), (695, 1396), (845, 1567), (859, 1579), (915, 1663), (934, 1693), (937, 1696), (940, 1699), (988, 1756), (993, 1771), (995, 1777), (996, 1780), (1007, 1795), (1020, 1804), (1062, 1873), (1082, 1903), (1084, 1912), (1112, 1945), (1140, 1978), (1176, 2005), (1202, 2038), (1222, 2068), (1235, 2089), (1246, 2113), (1251, 2122), (1253, 2125), (1284, 2182),

Gene: Blueberry_2 Start: 361, Stop: 1959, Start Num: 163
Candidate Starts for Blueberry_2:
(Start: 113 @334 has 24 MA's), (Start: 163 @361 has 37 MA's), (269, 475), (275, 484), (313, 517), (Start: 324 @535 has 4 MA's), (334, 550), (362, 571), (377, 592), (404, 646), (409, 655), (431, 691), (451, 727), (454, 739), (489, 781), (491, 784), (630, 1003), (637, 1018), (642, 1033), (643, 1036), (702, 1111), (736, 1162), (837, 1318), (855, 1339), (857, 1342), (914, 1429), (923, 1441), (952, 1474), (953, 1477), (984, 1516), (988, 1522), (989, 1525), (1031, 1594), (1033, 1597), (1085, 1657), (1087, 1660), (1093, 1669), (1148, 1738), (1156, 1753), (1287, 1942),

Gene: Bluefalcon_8 Start: 6239, Stop: 8017, Start Num: 53
Candidate Starts for Bluefalcon_8:
(Start: 53 @6239 has 20 MA's), (Start: 63 @6266 has 32 MA's), (114, 6335), (228, 6449), (Start: 231 @6455 has 26 MA's), (350, 6587), (406, 6662), (407, 6665), (521, 6839), (536, 6863), (593, 6971), (613, 7016), (643, 7094), (646, 7100), (647, 7103), (743, 7265), (747, 7271), (763, 7298), (778, 7319), (915, 7493), (928, 7517), (930, 7520), (936, 7526), (988, 7580), (992, 7592), (1007, 7619), (1026, 7640), (1061, 7694), (1086, 7724), (1096, 7736), (1269, 7973), (1294, 8006), (1299, 8012),

Gene: BluerMoon_17 Start: 10505, Stop: 12250, Start Num: 217
Candidate Starts for BluerMoon_17:
(Start: 217 @10505 has 209 MA's), (222, 10511), (280, 10598), (287, 10604), (315, 10640), (343, 10694), (402, 10796), (446, 10871), (466, 10913), (504, 10979), (525, 11000), (561, 11069), (604, 11171), (628, 11228), (647, 11285), (653, 11297), (680, 11357), (728, 11456), (731, 11462), (765, 11519), (804, 11585), (940, 11771), (949, 11780), (991, 11846), (1000, 11867), (1003, 11870), (1131, 12050), (1179, 12095), (1182, 12098), (1196, 12110), (1244, 12200), (1246, 12203),

Gene: Bluvara_2 Start: 522, Stop: 2081, Start Num: 138
Candidate Starts for Bluvara_2:
(Start: 138 @522 has 6 MA's), (Start: 231 @612 has 26 MA's), (327, 699), (364, 756), (399, 819), (467, 936), (475, 945), (519, 1017), (544, 1053), (593, 1161), (597, 1173), (598, 1176), (619, 1215), (627, 1233), (699, 1380), (747, 1422), (807, 1506), (824, 1527), (894, 1590), (936, 1668), (938, 1671), (951,

1683), (1026, 1818), (1027, 1821), (1072, 1884), (1074, 1887), (1097, 1920), (1190, 2001), (1212, 2034),

Gene: Bob3_10 Start: 6561, Stop: 8249, Start Num: 102
Candidate Starts for Bob3_10:
(Start: 102 @6561 has 391 MA's), (363, 6825), (379, 6849), (476, 7011), (500, 7044), (558, 7119), (593, 7209), (603, 7233), (621, 7260), (637, 7308), (720, 7464), (760, 7524), (930, 7749), (939, 7758), (952, 7770), (988, 7812), (995, 7833), (1020, 7860), (1096, 7968), (1182, 8058), (1246, 8163),

Gene: BobSwaget_15 Start: 9121, Stop: 10902, Start Num: 103
Candidate Starts for BobSwaget_15:
(39, 9001), (82, 9094), (Start: 103 @9121 has 278 MA's), (Start: 231 @9253 has 26 MA's), (271, 9328), (288, 9352), (325, 9403), (473, 9634), (476, 9637), (503, 9676), (558, 9745), (593, 9835), (603, 9859), (646, 9958), (671, 9988), (673, 9991), (980, 10450), (988, 10465), (992, 10477), (1007, 10504), (1026, 10525), (1096, 10621), (1269, 10858), (1290, 10885), (1292, 10888),

Gene: BobaPhett_2 Start: 653, Stop: 2209, Start Num: 217
Candidate Starts for BobaPhett_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 184 @629 has 3 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (310, 758), (372, 845), (419, 905), (433, 917), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (689, 1388), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1140, 1979), (1176, 2006), (1202, 2039), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: Bobburn_2 Start: 416, Stop: 1825, Start Num: 255
Candidate Starts for Bobburn_2:
(171, 305), (Start: 194 @335 has 13 MA's), (Start: 225 @371 has 1 MA's), (Start: 230 @380 has 1 MA's), (Start: 244 @398 has 5 MA's), (Start: 255 @416 has 1 MA's), (Start: 324 @512 has 4 MA's), (328, 521), (374, 566), (395, 605), (414, 638), (454, 707), (579, 860), (613, 947), (615, 950), (659, 1061), (864, 1319), (889, 1352), (933, 1424), (953, 1445), (965, 1457), (1033, 1565), (1038, 1571), (1044, 1580), (1218, 1805),

Gene: Bobby_11 Start: 3839, Stop: 5371, Start Num: 232
Candidate Starts for Bobby_11:
(Start: 196 @3797 has 1 MA's), (207, 3806), (Start: 232 @3839 has 12 MA's), (323, 3953), (360, 4016), (380, 4049), (404, 4097), (452, 4172), (476, 4208), (550, 4283), (552, 4286), (573, 4322), (588, 4355), (713, 4604), (767, 4667), (783, 4694), (900, 4853), (918, 4889), (939, 4910), (952, 4919), (962, 4928), (990, 4982), (1000, 5006), (1062, 5087), (1186, 5240), (1202, 5252),

Gene: BobbyDazzler_8 Start: 3413, Stop: 4909, Start Num: 302
Candidate Starts for BobbyDazzler_8:
(Start: 104 @3227 has 125 MA's), (Start: 302 @3413 has 3 MA's), (350, 3485), (363, 3497), (379, 3521), (383, 3533), (489, 3701), (536, 3761), (569, 3818), (571, 3821), (593, 3869), (718, 4124), (729, 4142), (763, 4196), (892, 4340), (915, 4382), (936, 4415), (992, 4484), (1096, 4628), (1130, 4673), (1196, 4733), (1251, 4832), (1269, 4865), (1290, 4892), (1292, 4895), (1294, 4898),

Gene: BobsGarage_4 Start: 1069, Stop: 2637, Start Num: 149
Candidate Starts for BobsGarage_4:
(Start: 149 @1069 has 70 MA's), (Start: 155 @1075 has 82 MA's), (271, 1231), (484, 1528), (488, 1534), (533, 1594), (582, 1666), (585, 1672), (591, 1693), (636, 1792), (659, 1840), (684, 1894), (700,

1918), (728, 1963), (733, 1969), (753, 1999), (757, 2005), (777, 2032), (782, 2041), (848, 2098), (855, 2104), (873, 2125), (876, 2131), (925, 2206), (927, 2209), (963, 2245), (990, 2290), (1031, 2356), (1093, 2431), (1114, 2449), (1118, 2458), (1241, 2605), (1252, 2629), (1254, 2632),

Gene: Bock_6 Start: 1981, Stop: 3411, Start Num: 329
Candidate Starts for Bock_6:
(201, 1813), (Start: 204 @1816 has 1 MA's), (207, 1819), (213, 1825), (Start: 329 @1981 has 15 MA's), (343, 1999), (409, 2122), (427, 2140), (448, 2179), (452, 2188), (504, 2272), (585, 2356), (588, 2371), (601, 2404), (634, 2470), (666, 2539), (700, 2602), (740, 2668), (819, 2791), (829, 2803), (866, 2851), (898, 2893), (928, 2944), (989, 3019), (990, 3022), (1003, 3049), (1044, 3109), (1069, 3142), (1083, 3157), (1118, 3193), (1154, 3235), (1178, 3262), (1211, 3298), (1214, 3304), (1241, 3343),

Gene: BodEinwohner17_2 Start: 571, Stop: 2208, Start Num: 126
Candidate Starts for BodEinwohner17_2:
(Start: 126 @571 has 206 MA's), (133, 580), (Start: 147 @595 has 3 MA's), (Start: 217 @652 has 209 MA's), (Start: 219 @655 has 2 MA's), (271, 718), (310, 757), (372, 844), (419, 904), (433, 916), (442, 928), (445, 937), (447, 940), (454, 961), (467, 982), (519, 1054), (543, 1093), (580, 1162), (584, 1168), (597, 1198), (598, 1201), (603, 1210), (612, 1225), (621, 1243), (638, 1294), (689, 1387), (695, 1396), (845, 1567), (859, 1579), (915, 1663), (934, 1693), (937, 1696), (940, 1699), (988, 1756), (993, 1771), (995, 1777), (996, 1780), (1007, 1795), (1020, 1804), (1062, 1873), (1082, 1903), (1084, 1912), (1112, 1945), (1140, 1978), (1176, 2005), (1202, 2038), (1222, 2068), (1235, 2089), (1246, 2113), (1251, 2122), (1253, 2125), (1284, 2182),

Gene: Bodacious_2 Start: 426, Stop: 1991, Start Num: 155
Candidate Starts for Bodacious_2:
(Start: 155 @426 has 82 MA's), (253, 549), (Start: 302 @603 has 3 MA's), (Start: 324 @636 has 4 MA's), (325, 639), (374, 690), (380, 699), (396, 732), (404, 747), (409, 756), (430, 780), (540, 942), (607, 1077), (623, 1098), (636, 1137), (740, 1236), (759, 1266), (768, 1281), (786, 1314), (815, 1362), (825, 1371), (883, 1449), (905, 1485), (923, 1524), (963, 1566), (977, 1593), (1020, 1647), (1044, 1689), (1111, 1734), (1126, 1755), (1141, 1779), (1222, 1857),

Gene: Bodhi17_3 Start: 1071, Stop: 2531, Start Num: 193
Candidate Starts for Bodhi17_3:
(Start: 193 @1071 has 146 MA's), (Start: 198 @1077 has 6 MA's), (325, 1239), (330, 1248), (377, 1308), (415, 1377), (431, 1398), (455, 1449), (606, 1653), (623, 1677), (669, 1788), (744, 1866), (753, 1881), (777, 1917), (804, 1959), (832, 1992), (840, 2010), (923, 2130), (925, 2133), (936, 2145), (990, 2220), (1031, 2283), (1044, 2301), (1045, 2304), (1186, 2466), (1199, 2475), (1232, 2523),

Gene: Bogg_9 Start: 2177, Stop: 3847, Start Num: 301
Candidate Starts for Bogg_9:
(Start: 301 @2177 has 48 MA's), (344, 2240), (479, 2474), (548, 2576), (632, 2756), (641, 2780), (650, 2798), (663, 2810), (694, 2873), (698, 2885), (725, 2930), (734, 2945), (784, 3023), (811, 3068), (845, 3122), (851, 3128), (917, 3242), (994, 3386), (1019, 3422), (1118, 3575), (1129, 3587), (1175, 3644), (1205, 3680), (1235, 3731), (1251, 3767), (1253, 3770), (1294, 3836),

Gene: Bogie_2 Start: 401, Stop: 2077, Start Num: 134
Candidate Starts for Bogie_2:
(Start: 134 @401 has 105 MA's), (313, 617), (338, 656), (360, 713), (362, 719), (373, 737), (397, 782), (404, 794), (409, 803), (414, 809), (451, 866), (459, 887), (467, 899), (541, 989), (636, 1178), (702, 1274), (736, 1325), (837, 1478), (984, 1676), (989, 1685), (1000, 1712), (1031, 1754), (1044, 1772), (1118, 1856), (1130, 1871), (1269, 2060),

Gene: BogosyJay_13 Start: 7900, Stop: 9687, Start Num: 103

Candidate Starts for BogosyJay_13:
(Start: 103 @7900 has 278 MA's), (Start: 117 @7915 has 12 MA's), (Start: 231 @8032 has 26 MA's), (288, 8131), (406, 8293), (445, 8365), (476, 8419), (503, 8458), (558, 8530), (593, 8620), (603, 8644), (663, 8761), (673, 8776), (727, 8884), (776, 8959), (837, 9055), (869, 9091), (920, 9175), (936, 9196), (980, 9235), (1007, 9289), (1026, 9310), (1086, 9394), (1096, 9406), (1184, 9499), (1198, 9514), (1269, 9643), (1290, 9670), (1292, 9673),

Gene: Bombshell_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Bombshell_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: BonaeVitae_3 Start: 778, Stop: 2235, Start Num: 193
Candidate Starts for BonaeVitae_3:
(Start: 193 @778 has 146 MA's), (325, 943), (415, 1081), (431, 1102), (451, 1138), (455, 1153), (581, 1294), (606, 1357), (623, 1381), (777, 1621), (804, 1663), (832, 1696), (840, 1714), (923, 1834), (936, 1849), (965, 1885), (990, 1924), (1031, 1987), (1045, 2008), (1186, 2170), (1205, 2188),

Gene: Bonamassa_9 Start: 6188, Stop: 7939, Start Num: 63
Candidate Starts for Bonamassa_9:
(Start: 53 @6161 has 20 MA's), (Start: 63 @6188 has 32 MA's), (114, 6257), (228, 6371), (Start: 231 @6377 has 26 MA's), (350, 6509), (406, 6584), (407, 6587), (426, 6620), (445, 6653), (521, 6761), (536, 6785), (558, 6818), (593, 6893), (613, 6938), (643, 7016), (646, 7022), (763, 7220), (778, 7241), (915, 7415), (928, 7439), (930, 7442), (988, 7502), (992, 7514), (1007, 7541), (1026, 7562), (1086, 7646), (1096, 7658), (1269, 7895), (1294, 7928), (1299, 7934),

Gene: Bonanza_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Bonanza_8:
(Start: 104 @3156 has 125 MA's), (Start: 302 @3342 has 3 MA's), (350, 3414), (363, 3426), (379, 3450), (383, 3462), (489, 3630), (536, 3690), (569, 3747), (571, 3750), (593, 3798), (718, 4053), (729, 4071), (763, 4125), (892, 4269), (915, 4311), (936, 4344), (992, 4413), (1096, 4557), (1130, 4602), (1196, 4662), (1251, 4761), (1269, 4794), (1290, 4821), (1292, 4824), (1294, 4827),

Gene: Bones_11 Start: 6756, Stop: 8444, Start Num: 102
Candidate Starts for Bones_11:
(Start: 102 @6756 has 391 MA's), (363, 7020), (379, 7044), (476, 7206), (500, 7239), (558, 7314), (593, 7404), (603, 7428), (637, 7503), (720, 7659), (727, 7668), (758, 7716), (760, 7719), (930, 7944), (939, 7953), (952, 7965), (988, 8007), (995, 8028), (1020, 8055), (1096, 8163), (1182, 8253), (1246, 8358),

Gene: Bongo_14 Start: 4719, Stop: 6263, Start Num: 181
Candidate Starts for Bongo_14:
(Start: 181 @4719 has 21 MA's), (223, 4767), (377, 4968), (454, 5106), (595, 5298), (700, 5508), (733, 5559), (782, 5631), (873, 5694), (893, 5718), (902, 5733), (939, 5793), (953, 5805), (988, 5865), (1003, 5898), (1028, 5931), (1045, 5958), (1090, 6006), (1228, 6192), (1241, 6213),

Gene: Bonum_27 Start: 12526, Stop: 14256, Start Num: 126
Candidate Starts for Bonum_27:
(Start: 126 @12526 has 206 MA's), (Start: 130 @12532 has 2 MA's), (270, 12676), (317, 12727), (319, 12733), (337, 12760), (346, 12772), (361, 12802), (375, 12826), (384, 12844), (597, 13237), (612,

13264), (695, 13432), (699, 13444), (716, 13477), (798, 13555), (959, 13771), (973, 13801), (996, 13852), (1031, 13900), (1084, 13975), (1094, 13987), (1121, 14023), (1246, 14161), (1261, 14191),

Gene: Boog_8 Start: 3619, Stop: 5367, Start Num: 217
Candidate Starts for Boog_8:
(Start: 200 @3601 has 5 MA's), (Start: 217 @3619 has 209 MA's), (280, 3712), (287, 3718), (325, 3775), (353, 3838), (458, 4015), (504, 4093), (525, 4114), (580, 4216), (604, 4285), (680, 4471), (713, 4546), (728, 4570), (791, 4675), (804, 4699), (868, 4783), (949, 4897), (967, 4915), (1000, 4984), (1003, 4987), (1038, 5038), (1068, 5080), (1131, 5167), (1161, 5194), (1182, 5215), (1196, 5227), (1207, 5245), (1244, 5317), (1246, 5320),

Gene: Boohoo_14 Start: 6686, Stop: 8383, Start Num: 103
Candidate Starts for Boohoo_14:
(Start: 103 @6686 has 278 MA's), (121, 6704), (292, 6866), (406, 7022), (445, 7091), (476, 7145), (558, 7253), (571, 7280), (593, 7343), (603, 7367), (928, 7883), (988, 7946), (1015, 7988), (1096, 8102), (1196, 8207), (1269, 8339), (1290, 8366), (1292, 8369), (1294, 8372),

Gene: BoomRoasted_3 Start: 1125, Stop: 2585, Start Num: 193
Candidate Starts for BoomRoasted_3:
(Start: 193 @1125 has 146 MA's), (Start: 198 @1131 has 6 MA's), (325, 1293), (330, 1302), (377, 1362), (415, 1431), (431, 1452), (455, 1503), (606, 1707), (669, 1842), (744, 1920), (753, 1935), (777, 1971), (804, 2013), (832, 2046), (840, 2064), (923, 2184), (925, 2187), (936, 2199), (990, 2274), (1031, 2337), (1044, 2355), (1045, 2358), (1186, 2520), (1199, 2529), (1205, 2538), (1232, 2577),

Gene: Bosection6_2 Start: 501, Stop: 2036, Start Num: 231
Candidate Starts for Bosection6_2:
(Start: 231 @501 has 26 MA's), (Start: 234 @504 has 29 MA's), (243, 516), (Start: 245 @519 has 1 MA's), (282, 576), (Start: 297 @594 has 2 MA's), (309, 606), (368, 678), (380, 696), (390, 714), (400, 735), (443, 798), (459, 837), (487, 870), (508, 918), (573, 1002), (584, 1017), (601, 1068), (605, 1077), (623, 1101), (636, 1140), (637, 1143), (641, 1155), (713, 1281), (728, 1305), (769, 1368), (830, 1452), (886, 1524), (902, 1548), (925, 1590), (930, 1599), (977, 1656), (995, 1695), (1033, 1752), (1041, 1758), (1047, 1761), (1079, 1782), (1109, 1830), (1134, 1866), (1207, 1947), (1210, 1953),

Gene: Bosnia_2 Start: 498, Stop: 2222, Start Num: 206
Candidate Starts for Bosnia_2:
(Start: 193 @483 has 146 MA's), (Start: 206 @498 has 29 MA's), (280, 588), (426, 804), (437, 828), (439, 834), (450, 858), (483, 915), (536, 987), (633, 1185), (655, 1227), (664, 1233), (702, 1317), (723, 1344), (793, 1455), (809, 1482), (926, 1659), (1092, 1932), (1094, 1935), (1098, 1941), (1115, 1962), (1141, 2001), (1177, 2049), (1185, 2058), (1205, 2082), (1226, 2100), (1253, 2157), (1295, 2214),

Gene: Bouchard_7 Start: 3521, Stop: 5263, Start Num: 217
Candidate Starts for Bouchard_7:
(Start: 211 @3515 has 88 MA's), (Start: 217 @3521 has 209 MA's), (287, 3620), (353, 3740), (426, 3839), (458, 3911), (504, 3989), (525, 4010), (580, 4112), (604, 4181), (619, 4214), (680, 4367), (713, 4442), (728, 4466), (791, 4571), (804, 4595), (868, 4676), (949, 4793), (967, 4811), (970, 4817), (991, 4859), (1000, 4880), (1003, 4883), (1131, 5063), (1146, 5087), (1182, 5111), (1196, 5123), (1207, 5141), (1244, 5213), (1246, 5216),

Gene: BourbonZero_4 Start: 1191, Stop: 2756, Start Num: 149
Candidate Starts for BourbonZero_4:
(Start: 104 @1140 has 125 MA's), (Start: 112 @1149 has 1 MA's), (Start: 149 @1191 has 70 MA's), (Start: 155 @1197 has 82 MA's), (284, 1368), (Start: 314 @1401 has 1 MA's), (374, 1473), (379, 1479), (381, 1485), (476, 1641), (484, 1650), (486, 1653), (488, 1656), (550, 1731), (582, 1785), (584,

1788), (585, 1791), (684, 2013), (688, 2022), (737, 2097), (753, 2118), (757, 2124), (777, 2151), (808, 2193), (848, 2217), (866, 2235), (873, 2244), (876, 2250), (963, 2364), (988, 2403), (990, 2409), (1031, 2475), (1078, 2529), (1111, 2565), (1118, 2577), (1155, 2616), (1228, 2703), (1252, 2748), (1254, 2751),

Gene: Bovely_6 Start: 2408, Stop: 4054, Start Num: 75
Candidate Starts for Bovely_6:
(Start: 75 @2408 has 95 MA's), (Start: 92 @2426 has 10 MA's), (325, 2630), (382, 2711), (462, 2846), (480, 2867), (543, 2954), (582, 3026), (593, 3050), (638, 3149), (673, 3203), (751, 3302), (786, 3362), (920, 3524), (927, 3533), (992, 3623), (1007, 3650), (1062, 3728), (1064, 3731), (1096, 3770), (1112, 3791), (1116, 3797), (1130, 3815), (1217, 3911), (1251, 3971),

Gene: Bowden_7 Start: 2249, Stop: 3895, Start Num: 75
Candidate Starts for Bowden_7:
(Start: 75 @2249 has 95 MA's), (363, 2519), (379, 2543), (382, 2552), (443, 2645), (450, 2660), (462, 2687), (480, 2708), (543, 2795), (582, 2867), (593, 2891), (638, 2990), (654, 3026), (716, 3131), (766, 3167), (786, 3203), (800, 3221), (913, 3350), (915, 3353), (920, 3365), (927, 3374), (933, 3383), (992, 3464), (1007, 3491), (1028, 3518), (1064, 3572), (1096, 3611), (1112, 3632), (1130, 3656), (1144, 3680), (1196, 3716), (1251, 3812), (1300, 3890),

Gene: Bowling_8 Start: 3847, Stop: 5601, Start Num: 217
Candidate Starts for Bowling_8:
(172, 3793), (Start: 211 @3841 has 88 MA's), (Start: 217 @3847 has 209 MA's), (280, 3940), (287, 3946), (402, 4138), (446, 4213), (458, 4243), (482, 4273), (504, 4321), (523, 4339), (525, 4342), (547, 4384), (604, 4513), (680, 4699), (728, 4798), (770, 4870), (804, 4927), (859, 5005), (868, 5017), (949, 5131), (967, 5149), (990, 5194), (1000, 5218), (1003, 5221), (1030, 5260), (1131, 5401), (1179, 5446), (1182, 5449), (1196, 5461), (1226, 5509), (1242, 5542), (1244, 5551), (1246, 5554),

Gene: Bowser_2 Start: 522, Stop: 2105, Start Num: 175
Candidate Starts for Bowser_2:
(137, 489), (152, 498), (Start: 175 @522 has 14 MA's), (261, 624), (431, 840), (454, 888), (487, 930), (499, 948), (509, 960), (584, 1050), (630, 1155), (702, 1299), (736, 1350), (835, 1506), (873, 1554), (893, 1578), (952, 1665), (1009, 1755), (1031, 1785), (1044, 1803), (1104, 1872), (1118, 1887), (1128, 1899), (1135, 1911), (1188, 1980),

Gene: Bowtie_12 Start: 8024, Stop: 9787, Start Num: 103
Candidate Starts for Bowtie_12:
(Start: 103 @8024 has 278 MA's), (Start: 123 @8045 has 9 MA's), (Start: 206 @8132 has 29 MA's), (288, 8261), (309, 8285), (350, 8348), (445, 8492), (473, 8543), (476, 8546), (558, 8657), (569, 8681), (571, 8684), (593, 8747), (596, 8756), (603, 8771), (663, 8888), (673, 8903), (701, 8963), (751, 9047), (920, 9275), (928, 9287), (980, 9335), (988, 9350), (1007, 9389), (1026, 9410), (1049, 9449), (1086, 9494), (1096, 9506), (1269, 9743), (1290, 9770),

Gene: BoyNamedSue_2 Start: 498, Stop: 2222, Start Num: 206
Candidate Starts for BoyNamedSue_2:
(Start: 193 @483 has 146 MA's), (Start: 206 @498 has 29 MA's), (280, 588), (426, 804), (437, 828), (439, 834), (450, 858), (483, 915), (536, 987), (633, 1185), (655, 1227), (664, 1233), (702, 1317), (723, 1344), (793, 1455), (809, 1482), (926, 1659), (1092, 1932), (1094, 1935), (1098, 1941), (1115, 1962), (1141, 2001), (1177, 2049), (1185, 2058), (1205, 2082), (1226, 2100), (1253, 2157), (1295, 2214),

Gene: Bradissa_2 Start: 485, Stop: 2284, Start Num: 113
Candidate Starts for Bradissa_2:

(Start: 113 @485 has 24 MA's), (240, 623), (256, 650), (343, 782), (350, 797), (414, 881), (429, 911), (434, 923), (442, 929), (443, 932), (460, 971), (476, 992), (527, 1052), (541, 1076), (580, 1148), (593, 1175), (596, 1184), (614, 1220), (647, 1310), (663, 1331), (687, 1382), (705, 1415), (778, 1490), (868, 1589), (892, 1616), (930, 1685), (936, 1691), (988, 1757), (992, 1769), (1007, 1796), (1064, 1907), (1086, 1943), (1096, 1955), (1100, 1961), (1111, 1979), (1128, 2006), (1143, 2030), (1189, 2093), (1217, 2135), (1249, 2192), (1256, 2207), (1265, 2222), (1300, 2270), (1302, 2273),

Gene: Bradley2_3 Start: 1074, Stop: 2534, Start Num: 193
Candidate Starts for Bradley2_3:
(Start: 193 @1074 has 146 MA's), (Start: 198 @1080 has 6 MA's), (286, 1188), (325, 1242), (330, 1251), (377, 1311), (415, 1380), (431, 1401), (455, 1452), (606, 1656), (744, 1869), (753, 1884), (777, 1920), (804, 1962), (832, 1995), (840, 2013), (923, 2133), (925, 2136), (936, 2148), (990, 2223), (1031, 2286), (1044, 2304), (1045, 2307), (1186, 2469), (1199, 2478), (1205, 2487), (1232, 2526),

Gene: Bradman_11 Start: 6379, Stop: 8160, Start Num: 103
Candidate Starts for Bradman_11:
(Start: 103 @6379 has 278 MA's), (Start: 239 @6523 has 2 MA's), (262, 6568), (288, 6610), (309, 6634), (350, 6697), (388, 6751), (473, 6892), (476, 6895), (503, 6934), (558, 7003), (593, 7093), (603, 7117), (671, 7246), (673, 7249), (835, 7522), (1007, 7762), (1026, 7783), (1086, 7867), (1096, 7879), (1269, 8116), (1290, 8143), (1292, 8146), (1294, 8149),

Gene: Bradshaw_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Bradshaw_8:
(Start: 104 @3156 has 125 MA's), (Start: 302 @3342 has 3 MA's), (350, 3414), (363, 3426), (379, 3450), (383, 3462), (476, 3615), (489, 3630), (536, 3690), (593, 3798), (621, 3855), (718, 4053), (729, 4071), (763, 4125), (892, 4269), (913, 4308), (915, 4311), (936, 4344), (992, 4413), (1096, 4557), (1130, 4602), (1196, 4662), (1251, 4761), (1269, 4794), (1290, 4821), (1292, 4824), (1294, 4827),

Gene: Brahms_2 Start: 593, Stop: 2155, Start Num: 211
Candidate Starts for Brahms_2:
(Start: 211 @593 has 88 MA's), (Start: 297 @701 has 2 MA's), (330, 749), (409, 857), (414, 863), (426, 872), (429, 878), (430, 881), (485, 977), (554, 1040), (607, 1154), (636, 1214), (642, 1232), (791, 1460), (829, 1505), (914, 1643), (1189, 1970), (1310, 2144), (1314, 2147),

Gene: BrainDrainer_4 Start: 771, Stop: 2333, Start Num: 149
Candidate Starts for BrainDrainer_4:
(Start: 149 @771 has 70 MA's), (Start: 155 @777 has 82 MA's), (271, 927), (Start: 324 @993 has 4 MA's), (348, 1023), (374, 1047), (382, 1062), (404, 1104), (488, 1230), (585, 1368), (591, 1389), (599, 1413), (636, 1488), (659, 1536), (700, 1614), (713, 1635), (728, 1659), (733, 1665), (753, 1695), (757, 1701), (782, 1737), (876, 1827), (953, 1932), (963, 1941), (980, 1965), (990, 1986), (1031, 2052), (1118, 2154), (1224, 2274), (1228, 2280), (1241, 2301), (1252, 2325),

Gene: Bran_2 Start: 373, Stop: 1959, Start Num: 202
Candidate Starts for Bran_2:
(Start: 202 @373 has 4 MA's), (Start: 205 @376 has 7 MA's), (Start: 211 @382 has 88 MA's), (253, 442), (341, 553), (374, 631), (380, 640), (483, 814), (575, 916), (584, 925), (586, 931), (587, 940), (618, 1000), (635, 1048), (636, 1051), (719, 1114), (778, 1207), (925, 1429), (944, 1447), (1001, 1534), (1025, 1570), (1032, 1585), (1052, 1612), (1054, 1615), (1066, 1630), (1070, 1636), (1099, 1663), (1111, 1678), (1143, 1726), (1190, 1774), (1238, 1849), (1278, 1924), (1305, 1948),

Gene: Brataylor_7 Start: 2379, Stop: 4025, Start Num: 75
Candidate Starts for Brataylor_7:

(Start: 75 @2379 has 95 MA's), (Start: 92 @2397 has 10 MA's), (325, 2601), (350, 2637), (462, 2817), (480, 2838), (515, 2883), (543, 2925), (582, 2997), (593, 3021), (638, 3120), (643, 3135), (663, 3159), (665, 3165), (786, 3333), (915, 3483), (927, 3504), (936, 3516), (992, 3594), (1064, 3702), (1096, 3741), (1112, 3762), (1116, 3768), (1130, 3786), (1251, 3942),

Gene: Braxoaddie_28 Start: 14026, Stop: 15699, Start Num: 126
Candidate Starts for Braxoaddie_28:
(Start: 126 @14026 has 206 MA's), (270, 14170), (317, 14221), (346, 14266), (433, 14395), (445, 14416), (454, 14440), (474, 14467), (499, 14500), (538, 14566), (567, 14614), (597, 14677), (612, 14704), (695, 14872), (699, 14884), (798, 14995), (833, 15046), (916, 15145), (973, 15244), (980, 15256), (992, 15283), (996, 15295), (1007, 15310), (1061, 15385), (1084, 15418), (1112, 15451), (1202, 15535), (1214, 15556), (1246, 15604), (1290, 15679),

Gene: BreSam8_13 Start: 6950, Stop: 8650, Start Num: 104
Candidate Starts for BreSam8_13:
(Start: 104 @6950 has 125 MA's), (151, 6998), (292, 7133), (426, 7325), (476, 7412), (593, 7610), (634, 7700), (671, 7763), (760, 7925), (915, 8123), (928, 8147), (930, 8150), (988, 8213), (995, 8234), (1026, 8273), (1096, 8369), (1134, 8423), (1182, 8459), (1269, 8606), (1292, 8636), (1294, 8639),

Gene: Breezona_4 Start: 1069, Stop: 2637, Start Num: 149
Candidate Starts for Breezona_4:
(Start: 149 @1069 has 70 MA's), (Start: 155 @1075 has 82 MA's), (271, 1231), (484, 1528), (488, 1534), (533, 1594), (582, 1666), (585, 1672), (591, 1693), (636, 1792), (659, 1840), (684, 1894), (700, 1918), (728, 1963), (733, 1969), (753, 1999), (757, 2005), (777, 2032), (782, 2041), (848, 2098), (855, 2104), (873, 2125), (876, 2131), (925, 2206), (927, 2209), (963, 2245), (990, 2290), (1031, 2356), (1093, 2431), (1114, 2449), (1118, 2458), (1241, 2605), (1252, 2629), (1254, 2632),

Gene: Breylor17_7 Start: 3719, Stop: 5458, Start Num: 217
Candidate Starts for Breylor17_7:
(Start: 217 @3719 has 209 MA's), (287, 3818), (353, 3938), (426, 4037), (446, 4079), (458, 4109), (482, 4139), (504, 4187), (525, 4208), (580, 4310), (604, 4379), (616, 4403), (647, 4493), (680, 4565), (713, 4640), (728, 4664), (804, 4793), (868, 4874), (949, 4988), (967, 5006), (970, 5012), (1000, 5075), (1003, 5078), (1136, 5267), (1146, 5282), (1163, 5288), (1182, 5306), (1196, 5318), (1244, 5408), (1246, 5411),

Gene: Bri160_3 Start: 1125, Stop: 2585, Start Num: 193
Candidate Starts for Bri160_3:
(Start: 193 @1125 has 146 MA's), (Start: 198 @1131 has 6 MA's), (325, 1293), (330, 1302), (377, 1362), (415, 1431), (431, 1452), (455, 1503), (606, 1707), (669, 1842), (744, 1920), (753, 1935), (777, 1971), (804, 2013), (832, 2046), (840, 2064), (923, 2184), (925, 2187), (936, 2199), (990, 2274), (1031, 2337), (1044, 2355), (1045, 2358), (1186, 2520), (1199, 2529), (1205, 2538), (1232, 2577),

Gene: Bricole_14 Start: 4718, Stop: 6262, Start Num: 181
Candidate Starts for Bricole_14:
(Start: 181 @4718 has 21 MA's), (223, 4766), (323, 4907), (377, 4967), (454, 5105), (595, 5297), (700, 5507), (733, 5558), (782, 5630), (873, 5693), (893, 5717), (902, 5732), (939, 5792), (953, 5804), (988, 5864), (1003, 5897), (1028, 5930), (1045, 5957), (1090, 6005), (1228, 6191), (1241, 6212),

Gene: Bridgette_2 Start: 625, Stop: 2373, Start Num: 236
Candidate Starts for Bridgette_2:
(189, 574), (213, 601), (Start: 236 @625 has 15 MA's), (295, 718), (382, 859), (385, 865), (403, 898), (405, 901), (419, 919), (439, 961), (498, 1063), (510, 1075), (536, 1114), (548, 1135), (567, 1168), (590, 1222), (603, 1255), (605, 1261), (691, 1420), (697, 1435), (723, 1474), (784, 1570), (907, 1747),

(913, 1762), (924, 1786), (1026, 1969), (1041, 1996), (1056, 2020), (1064, 2038), (1088, 2068), (1129, 2125), (1150, 2152), (1177, 2176), (1185, 2185), (1226, 2236), (1251, 2290),

Gene: BritBrat_2 Start: 485, Stop: 2284, Start Num: 113
Candidate Starts for BritBrat_2:
(Start: 113 @485 has 24 MA's), (240, 623), (256, 650), (343, 782), (350, 797), (414, 881), (429, 911), (434, 923), (443, 932), (460, 971), (476, 992), (527, 1052), (541, 1076), (580, 1148), (596, 1184), (614, 1220), (647, 1310), (663, 1331), (685, 1376), (687, 1382), (698, 1400), (705, 1415), (868, 1589), (892, 1616), (930, 1685), (936, 1691), (988, 1757), (992, 1769), (1007, 1796), (1064, 1907), (1086, 1943), (1096, 1955), (1100, 1961), (1111, 1979), (1128, 2006), (1143, 2030), (1189, 2093), (1217, 2135), (1249, 2192), (1256, 2207), (1265, 2222), (1300, 2270), (1302, 2273),

Gene: Briton15_13 Start: 7067, Stop: 8755, Start Num: 102
Candidate Starts for Briton15_13:
(Start: 102 @7067 has 391 MA's), (363, 7331), (379, 7355), (476, 7517), (500, 7550), (558, 7625), (593, 7715), (603, 7739), (637, 7814), (679, 7883), (720, 7970), (727, 7979), (760, 8030), (939, 8264), (952, 8276), (988, 8318), (995, 8339), (1020, 8366), (1096, 8474), (1182, 8564), (1246, 8669),

Gene: Brocalys_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for Brocalys_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 184 @629 has 3 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (310, 758), (372, 845), (419, 905), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (670, 1346), (689, 1388), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1140, 1979), (1176, 2006), (1202, 2039), (1219, 2066), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: BrokMonster_3 Start: 1071, Stop: 2531, Start Num: 193
Candidate Starts for BrokMonster_3:
(Start: 193 @1071 has 146 MA's), (Start: 198 @1077 has 6 MA's), (325, 1239), (330, 1248), (377, 1308), (415, 1377), (431, 1398), (455, 1449), (606, 1653), (669, 1788), (744, 1866), (753, 1881), (777, 1917), (804, 1959), (832, 1992), (840, 2010), (923, 2130), (925, 2133), (936, 2145), (990, 2220), (1031, 2283), (1044, 2301), (1045, 2304), (1186, 2466), (1199, 2475), (1205, 2484), (1232, 2523),

Gene: Bromden_4 Start: 815, Stop: 2377, Start Num: 149
Candidate Starts for Bromden_4:
(Start: 149 @815 has 70 MA's), (Start: 155 @821 has 82 MA's), (271, 971), (Start: 314 @1019 has 1 MA's), (Start: 324 @1037 has 4 MA's), (352, 1073), (404, 1148), (484, 1268), (488, 1274), (582, 1406), (585, 1412), (591, 1433), (636, 1532), (659, 1580), (700, 1658), (713, 1679), (728, 1703), (733, 1709), (753, 1739), (757, 1745), (777, 1772), (782, 1781), (848, 1838), (873, 1865), (876, 1871), (918, 1937), (953, 1976), (963, 1985), (980, 2009), (990, 2030), (1031, 2096), (1033, 2099), (1224, 2318), (1228, 2324), (1241, 2345), (1252, 2369),

Gene: BronnyJames_6 Start: 2259, Stop: 3791, Start Num: 232
Candidate Starts for BronnyJames_6:
(159, 2175), (Start: 196 @2217 has 1 MA's), (207, 2226), (Start: 232 @2259 has 12 MA's), (323, 2373), (380, 2469), (381, 2472), (404, 2517), (452, 2592), (550, 2703), (552, 2706), (573, 2742), (588, 2775), (713, 3024), (767, 3087), (783, 3114), (810, 3159), (900, 3273), (918, 3309), (952, 3339), (962, 3348), (990, 3402), (1000, 3426), (1186, 3660), (1202, 3672),

Gene: BronnyJr_2 Start: 413, Stop: 2089, Start Num: 134

Candidate Starts for BronnyJr_2:
(Start: 134 @413 has 105 MA's), (313, 629), (338, 668), (360, 725), (362, 731), (373, 749), (397, 794), (400, 797), (404, 806), (409, 815), (414, 821), (417, 824), (451, 878), (459, 899), (467, 911), (541, 1001), (636, 1190), (702, 1286), (736, 1337), (828, 1478), (837, 1490), (984, 1688), (989, 1697), (1000, 1724), (1031, 1766), (1044, 1784), (1118, 1868), (1130, 1883), (1269, 2072),

Gene: BronxBay_8 Start: 3600, Stop: 5366, Start Num: 200
Candidate Starts for BronxBay_8:
(Start: 200 @3600 has 5 MA's), (Start: 217 @3618 has 209 MA's), (280, 3711), (287, 3717), (325, 3774), (353, 3837), (458, 4014), (504, 4092), (525, 4113), (580, 4215), (604, 4284), (611, 4299), (628, 4341), (680, 4470), (713, 4545), (728, 4569), (791, 4674), (804, 4698), (868, 4782), (949, 4896), (967, 4914), (1000, 4983), (1003, 4986), (1038, 5037), (1068, 5079), (1131, 5166), (1161, 5193), (1182, 5214), (1196, 5226), (1207, 5244), (1246, 5319),

Gene: Broseidon_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Broseidon_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: BrotherBLo_5 Start: 3292, Stop: 4647, Start Num: 324
Candidate Starts for BrotherBLo_5:
(Start: 155 @3082 has 82 MA's), (Start: 324 @3292 has 4 MA's), (374, 3346), (404, 3403), (409, 3412), (573, 3652), (584, 3667), (586, 3673), (607, 3733), (636, 3793), (740, 3892), (759, 3922), (768, 3937), (815, 4018), (880, 4096), (883, 4105), (905, 4141), (923, 4180), (953, 4213), (963, 4222), (977, 4249), (1020, 4303), (1044, 4345), (1111, 4390), (1126, 4411), (1141, 4435), (1222, 4513), (1308, 4633),

Gene: Bruiser_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Bruiser_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Brujita_2 Start: 522, Stop: 2081, Start Num: 138
Candidate Starts for Brujita_2:
(Start: 138 @522 has 6 MA's), (Start: 231 @612 has 26 MA's), (327, 699), (364, 756), (399, 819), (433, 870), (467, 936), (475, 945), (519, 1017), (536, 1041), (544, 1053), (593, 1161), (597, 1173), (598, 1176), (619, 1215), (627, 1233), (699, 1380), (747, 1422), (807, 1506), (824, 1527), (850, 1551), (894, 1590), (936, 1668), (938, 1671), (951, 1683), (958, 1701), (1026, 1818), (1027, 1821), (1074, 1887), (1097, 1920), (1190, 2001), (1212, 2034),

Gene: Bruns_10 Start: 6924, Stop: 8612, Start Num: 108
Candidate Starts for Bruns_10:
(Start: 108 @6924 has 24 MA's), (Start: 302 @7104 has 3 MA's), (363, 7188), (380, 7215), (383, 7224), (476, 7374), (500, 7407), (558, 7482), (593, 7572), (603, 7596), (621, 7623), (637, 7671), (720, 7827), (760, 7887), (939, 8121), (952, 8133), (988, 8175), (995, 8196), (1020, 8223), (1096, 8331), (1182, 8421), (1246, 8526),

Gene: Brunswick_7 Start: 3704, Stop: 5443, Start Num: 217

Candidate Starts for Brunswick_7:
(169, 3650), (Start: 217 @3704 has 209 MA's), (287, 3803), (353, 3923), (426, 4022), (446, 4064), (458, 4094), (482, 4124), (504, 4172), (525, 4193), (580, 4295), (604, 4364), (616, 4388), (647, 4478), (680, 4550), (713, 4625), (728, 4649), (791, 4754), (804, 4778), (868, 4859), (949, 4973), (967, 4991), (970, 4997), (1000, 5060), (1003, 5063), (1101, 5201), (1146, 5267), (1182, 5291), (1196, 5303), (1244, 5393), (1246, 5396),

Gene: Brusacoram_2 Start: 400, Stop: 2076, Start Num: 134
Candidate Starts for Brusacoram_2:
(Start: 134 @400 has 105 MA's), (313, 616), (338, 655), (360, 712), (362, 718), (373, 736), (397, 781), (404, 793), (409, 802), (414, 808), (451, 865), (459, 886), (467, 898), (541, 988), (636, 1177), (702, 1273), (720, 1303), (736, 1324), (828, 1465), (837, 1477), (984, 1675), (989, 1684), (1000, 1711), (1031, 1753), (1044, 1771), (1118, 1855), (1130, 1870), (1269, 2059),

Gene: BrutonGaster_18 Start: 5409, Stop: 7157, Start Num: 127
Candidate Starts for BrutonGaster_18:
(Start: 127 @5409 has 26 MA's), (153, 5439), (Start: 241 @5529 has 2 MA's), (280, 5568), (433, 5793), (443, 5808), (447, 5817), (478, 5865), (496, 5892), (619, 6114), (627, 6132), (698, 6282), (756, 6342), (758, 6345), (766, 6357), (936, 6606), (941, 6612), (991, 6717), (992, 6720), (1007, 6747), (1038, 6789), (1084, 6864), (1115, 6900), (1134, 6924), (1273, 7113), (1278, 7119),

Gene: BryanRecycles_7 Start: 2562, Stop: 4208, Start Num: 75
Candidate Starts for BryanRecycles_7:
(Start: 75 @2562 has 95 MA's), (Start: 92 @2580 has 10 MA's), (325, 2784), (382, 2865), (462, 3000), (480, 3021), (515, 3066), (543, 3108), (582, 3180), (593, 3204), (634, 3291), (638, 3303), (673, 3357), (751, 3456), (786, 3516), (920, 3678), (927, 3687), (992, 3777), (1017, 3810), (1062, 3882), (1064, 3885), (1096, 3924), (1112, 3945), (1116, 3951), (1130, 3969), (1217, 4065), (1251, 4125),

Gene: Bryce_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Bryce_8:
(Start: 104 @3156 has 125 MA's), (Start: 302 @3342 has 3 MA's), (350, 3414), (363, 3426), (379, 3450), (383, 3462), (489, 3630), (536, 3690), (569, 3747), (571, 3750), (593, 3798), (718, 4053), (729, 4071), (763, 4125), (892, 4269), (915, 4311), (936, 4344), (992, 4413), (1096, 4557), (1130, 4602), (1196, 4662), (1251, 4761), (1269, 4794), (1290, 4821), (1292, 4824), (1294, 4827),

Gene: Brylie_6 Start: 1978, Stop: 3408, Start Num: 329
Candidate Starts for Brylie_6:
(201, 1810), (Start: 204 @1813 has 1 MA's), (213, 1822), (Start: 329 @1978 has 15 MA's), (343, 1996), (409, 2119), (427, 2137), (448, 2176), (452, 2185), (504, 2269), (585, 2353), (588, 2368), (601, 2401), (634, 2467), (700, 2599), (819, 2788), (829, 2800), (866, 2848), (898, 2890), (928, 2941), (989, 3016), (990, 3019), (1003, 3046), (1044, 3106), (1069, 3139), (1083, 3154), (1118, 3190), (1154, 3232), (1178, 3259), (1211, 3295), (1214, 3301), (1241, 3340),

Gene: Brynnie_3 Start: 689, Stop: 2335, Start Num: 164
Candidate Starts for Brynnie_3:
(Start: 164 @689 has 12 MA's), (Start: 224 @755 has 17 MA's), (Start: 300 @851 has 12 MA's), (306, 860), (381, 953), (401, 992), (409, 1007), (430, 1031), (489, 1133), (573, 1223), (607, 1304), (619, 1316), (622, 1322), (636, 1364), (643, 1385), (674, 1445), (687, 1475), (698, 1484), (744, 1547), (832, 1664), (896, 1763), (905, 1775), (949, 1841), (963, 1856), (980, 1886), (1014, 1925), (1017, 1934), (1023, 1943), (1044, 1979), (1093, 2033), (1246, 2243), (1267, 2285), (1306, 2324),

Gene: BubbaBear_3 Start: 677, Stop: 2305, Start Num: 211
Candidate Starts for BubbaBear_3:

(Start: 211 @677 has 88 MA's), (330, 833), (409, 941), (459, 1025), (479, 1049), (489, 1067), (554, 1124), (585, 1175), (586, 1178), (607, 1238), (622, 1256), (632, 1286), (642, 1316), (949, 1772), (963, 1787), (1222, 2138), (1249, 2186), (1318, 2294),

Gene: Bubble_4 Start: 1113, Stop: 2792, Start Num: 176
Candidate Starts for Bubble_4:
(Start: 176 @1113 has 83 MA's), (Start: 224 @1164 has 17 MA's), (237, 1185), (295, 1230), (350, 1311), (394, 1377), (406, 1386), (443, 1458), (450, 1473), (468, 1509), (476, 1518), (507, 1569), (572, 1668), (596, 1722), (619, 1758), (687, 1902), (706, 1938), (729, 1977), (747, 2010), (778, 2058), (798, 2091), (814, 2115), (863, 2148), (890, 2181), (913, 2238), (917, 2247), (984, 2331), (1038, 2418), (1112, 2514), (1185, 2586), (1196, 2598), (1265, 2718), (1311, 2778), (1313, 2781),

Gene: BubbleTrouble_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for BubbleTrouble_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Bubbles123_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Bubbles123_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Buckaroo_10 Start: 6888, Stop: 8585, Start Num: 102
Candidate Starts for Buckaroo_10:
(Start: 102 @6888 has 391 MA's), (Start: 126 @6912 has 206 MA's), (Start: 239 @7035 has 2 MA's), (339, 7125), (363, 7158), (426, 7257), (473, 7341), (476, 7344), (503, 7383), (558, 7452), (569, 7476), (593, 7542), (634, 7632), (720, 7797), (778, 7884), (798, 7917), (864, 7983), (913, 8055), (915, 8058), (928, 8082), (980, 8133), (988, 8148), (1007, 8187), (1026, 8208), (1096, 8304), (1269, 8541), (1292, 8571), (1294, 8574),

Gene: Bud_12 Start: 8030, Stop: 9793, Start Num: 103
Candidate Starts for Bud_12:
(Start: 103 @8030 has 278 MA's), (Start: 123 @8051 has 9 MA's), (Start: 206 @8138 has 29 MA's), (288, 8267), (309, 8291), (350, 8354), (445, 8498), (473, 8549), (476, 8552), (558, 8663), (569, 8687), (571, 8690), (593, 8753), (596, 8762), (603, 8777), (663, 8894), (673, 8909), (701, 8969), (751, 9053), (920, 9281), (928, 9293), (980, 9341), (988, 9356), (1007, 9395), (1026, 9416), (1049, 9455), (1086, 9500), (1096, 9512), (1269, 9749), (1290, 9776),

Gene: Budgie_10 Start: 2590, Stop: 4260, Start Num: 296
Candidate Starts for Budgie_10:
(Start: 296 @2590 has 11 MA's), (479, 2887), (548, 2989), (571, 3028), (632, 3169), (641, 3193), (650, 3211), (663, 3223), (664, 3226), (694, 3286), (725, 3343), (734, 3358), (784, 3436), (811, 3481), (845, 3535), (851, 3541), (910, 3637), (917, 3655), (968, 3736), (994, 3799), (1007, 3820), (1118, 3988),

(1129, 4000), (1175, 4057), (1205, 4093), (1235, 4144), (1251, 4180), (1253, 4183), (1255, 4189),

Gene: Bugatti_12 Start: 6496, Stop: 8193, Start Num: 102
Candidate Starts for Bugatti_12:
(Start: 102 @6496 has 391 MA's), (Start: 126 @6520 has 206 MA's), (174, 6568), (363, 6766), (406, 6829), (465, 6940), (476, 6952), (503, 6991), (518, 7003), (558, 7060), (569, 7084), (593, 7150), (596, 7159), (634, 7240), (643, 7267), (720, 7405), (778, 7492), (798, 7525), (864, 7591), (915, 7666), (928, 7690), (930, 7693), (936, 7699), (943, 7708), (980, 7741), (988, 7756), (1026, 7816), (1096, 7912), (1130, 7957), (1134, 7966), (1253, 8119), (1269, 8149), (1292, 8179), (1294, 8182),

Gene: Bugg_15 Start: 7507, Stop: 9252, Start Num: 217
Candidate Starts for Bugg_15:
(Start: 217 @7507 has 209 MA's), (222, 7513), (280, 7600), (287, 7606), (315, 7642), (343, 7696), (393, 7792), (504, 7981), (523, 7999), (525, 8002), (561, 8071), (604, 8173), (621, 8209), (628, 8230), (636, 8254), (660, 8311), (680, 8359), (709, 8425), (728, 8458), (731, 8464), (748, 8494), (761, 8515), (804, 8587), (949, 8782), (991, 8848), (1000, 8869), (1003, 8872), (1043, 8932), (1125, 9043), (1161, 9079), (1182, 9100), (1196, 9112), (1224, 9157), (1226, 9160), (1244, 9202), (1246, 9205),

Gene: Buggaboo_25 Start: 12984, Stop: 14714, Start Num: 126
Candidate Starts for Buggaboo_25:
(Start: 126 @12984 has 206 MA's), (Start: 130 @12990 has 2 MA's), (270, 13134), (317, 13185), (319, 13191), (337, 13218), (346, 13230), (361, 13260), (375, 13284), (384, 13302), (597, 13695), (612, 13722), (695, 13890), (699, 13902), (716, 13935), (798, 14013), (959, 14229), (973, 14259), (996, 14310), (1031, 14358), (1084, 14433), (1094, 14445), (1121, 14481), (1246, 14619), (1261, 14649),

Gene: Bugsy_14 Start: 7887, Stop: 9674, Start Num: 103
Candidate Starts for Bugsy_14:
(Start: 103 @7887 has 278 MA's), (Start: 206 @7995 has 29 MA's), (226, 8016), (262, 8082), (264, 8088), (288, 8124), (309, 8148), (350, 8211), (473, 8406), (476, 8409), (558, 8517), (593, 8607), (603, 8631), (637, 8706), (663, 8748), (673, 8763), (857, 9063), (992, 9249), (1007, 9276), (1026, 9297), (1096, 9393), (1269, 9630), (1292, 9660),

Gene: Buldak_3 Start: 997, Stop: 2574, Start Num: 211
Candidate Starts for Buldak_3:
(Start: 211 @997 has 88 MA's), (330, 1153), (381, 1207), (409, 1261), (443, 1306), (554, 1444), (585, 1495), (607, 1558), (635, 1615), (642, 1636), (649, 1651), (686, 1723), (844, 1936), (862, 1960), (896, 2011), (898, 2014), (905, 2023), (914, 2047), (1141, 2317), (1189, 2389), (1246, 2476), (1255, 2494), (1314, 2566),

Gene: Bullzi2019_3 Start: 1095, Stop: 2555, Start Num: 193
Candidate Starts for Bullzi2019_3:
(Start: 193 @1095 has 146 MA's), (Start: 198 @1101 has 6 MA's), (325, 1263), (330, 1272), (377, 1332), (415, 1401), (431, 1422), (455, 1473), (606, 1677), (669, 1812), (744, 1890), (753, 1905), (765, 1923), (777, 1941), (804, 1983), (832, 2016), (840, 2034), (923, 2154), (925, 2157), (936, 2169), (943, 2181), (953, 2193), (990, 2244), (1028, 2301), (1031, 2307), (1038, 2316), (1044, 2325), (1045, 2328), (1186, 2490), (1199, 2499), (1205, 2508), (1232, 2547),

Gene: Bumblebee11_11 Start: 6893, Stop: 8590, Start Num: 102
Candidate Starts for Bumblebee11_11:
(Start: 102 @6893 has 391 MA's), (Start: 126 @6917 has 206 MA's), (363, 7163), (429, 7268), (473, 7346), (476, 7349), (503, 7388), (558, 7457), (569, 7481), (593, 7547), (634, 7637), (720, 7802), (751, 7847), (778, 7889), (798, 7922), (864, 7988), (913, 8060), (915, 8063), (928, 8087), (988, 8153), (1007, 8192), (1026, 8213), (1096, 8309), (1267, 8543), (1269, 8546), (1292, 8576), (1294, 8579),

Gene: Bunker_2 Start: 522, Stop: 2105, Start Num: 175
Candidate Starts for Bunker_2:
(137, 489), (152, 498), (Start: 155 @501 has 82 MA's), (Start: 175 @522 has 14 MA's), (454, 888), (499, 948), (509, 960), (584, 1050), (630, 1155), (702, 1299), (794, 1446), (835, 1506), (893, 1578), (952, 1665), (1000, 1743), (1009, 1755), (1031, 1785), (1044, 1803), (1104, 1872), (1118, 1887), (1128, 1899), (1135, 1911),

Gene: Bunnies_2 Start: 413, Stop: 2089, Start Num: 134
Candidate Starts for Bunnies_2:
(Start: 134 @413 has 105 MA's), (313, 629), (338, 668), (360, 725), (362, 731), (373, 749), (397, 794), (404, 806), (409, 815), (414, 821), (451, 878), (459, 899), (467, 911), (541, 1001), (636, 1190), (702, 1286), (720, 1316), (736, 1337), (828, 1478), (837, 1490), (873, 1535), (984, 1688), (989, 1697), (1000, 1724), (1031, 1766), (1044, 1784), (1118, 1868), (1130, 1883), (1269, 2072),

Gene: Bunnybear_2 Start: 498, Stop: 2222, Start Num: 206
Candidate Starts for Bunnybear_2:
(Start: 193 @483 has 146 MA's), (Start: 206 @498 has 29 MA's), (280, 588), (356, 702), (403, 771), (426, 804), (437, 828), (452, 864), (483, 915), (536, 987), (605, 1134), (633, 1185), (655, 1227), (664, 1233), (702, 1317), (723, 1344), (793, 1455), (809, 1482), (926, 1659), (1092, 1932), (1094, 1935), (1098, 1941), (1115, 1962), (1137, 1995), (1141, 2001), (1177, 2049), (1185, 2058), (1205, 2082), (1226, 2100), (1253, 2157), (1295, 2214),

Gene: Burger_10 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Burger_10:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Burgy_3 Start: 1086, Stop: 2546, Start Num: 193
Candidate Starts for Burgy_3:
(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (744, 1881), (753, 1896), (777, 1932), (804, 1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: Burley_17 Start: 10269, Stop: 12014, Start Num: 217
Candidate Starts for Burley_17:
(Start: 217 @10269 has 209 MA's), (222, 10275), (280, 10362), (287, 10368), (315, 10404), (343, 10458), (353, 10488), (446, 10635), (504, 10743), (523, 10761), (525, 10764), (561, 10833), (596, 10917), (604, 10935), (628, 10992), (680, 11121), (728, 11220), (731, 11226), (791, 11325), (804, 11349), (940, 11535), (949, 11544), (991, 11610), (1000, 11631), (1003, 11634), (1179, 11859), (1182, 11862), (1196, 11874), (1244, 11964), (1246, 11967),

Gene: Burnsey_4 Start: 1113, Stop: 2792, Start Num: 176
Candidate Starts for Burnsey_4:
(Start: 176 @1113 has 83 MA's), (Start: 224 @1164 has 17 MA's), (237, 1185), (Start: 239 @1188 has 2 MA's), (295, 1230), (350, 1311), (394, 1377), (406, 1386), (443, 1458), (450, 1473), (468, 1509), (476, 1518), (507, 1569), (572, 1668), (596, 1722), (619, 1758), (687, 1902), (706, 1938), (729, 1977), (747, 2010), (778, 2058), (798, 2091), (814, 2115), (863, 2148), (890, 2181), (913, 2238), (917, 2247), (984, 2331), (995, 2358), (1038, 2418), (1112, 2514), (1185, 2586), (1196, 2598), (1265, 2718), (1311,

2778), (1313, 2781),

Gene: Burritobowl_3 Start: 687, Stop: 2315, Start Num: 211
Candidate Starts for Burritobowl_3:
(Start: 211 @687 has 88 MA's), (330, 843), (409, 951), (459, 1035), (489, 1077), (554, 1134), (585, 1185), (586, 1188), (607, 1248), (622, 1266), (632, 1296), (642, 1326), (949, 1782), (963, 1797), (1222, 2148), (1249, 2196), (1318, 2304),

Gene: Burton_12 Start: 7124, Stop: 8812, Start Num: 108
Candidate Starts for Burton_12:
(Start: 108 @7124 has 24 MA's), (292, 7295), (Start: 302 @7304 has 3 MA's), (363, 7388), (380, 7415), (383, 7424), (476, 7574), (500, 7607), (558, 7682), (593, 7772), (603, 7796), (621, 7823), (637, 7871), (720, 8027), (760, 8087), (930, 8312), (939, 8321), (952, 8333), (988, 8375), (995, 8396), (1020, 8423), (1096, 8531), (1182, 8621), (1246, 8726),

Gene: BurtonThePup_3 Start: 1086, Stop: 2546, Start Num: 193
Candidate Starts for BurtonThePup_3:
(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (744, 1881), (753, 1896), (777, 1932), (804, 1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: Burwell21_2 Start: 571, Stop: 2208, Start Num: 126
Candidate Starts for Burwell21_2:
(Start: 126 @571 has 206 MA's), (133, 580), (Start: 147 @595 has 3 MA's), (Start: 184 @628 has 3 MA's), (Start: 217 @652 has 209 MA's), (Start: 219 @655 has 2 MA's), (271, 718), (310, 757), (372, 844), (375, 850), (419, 904), (433, 916), (442, 928), (445, 937), (447, 940), (454, 961), (467, 982), (482, 997), (519, 1054), (543, 1093), (580, 1162), (584, 1168), (597, 1198), (598, 1201), (603, 1210), (612, 1225), (621, 1243), (638, 1294), (689, 1387), (695, 1396), (845, 1567), (859, 1579), (872, 1597), (915, 1663), (934, 1693), (937, 1696), (940, 1699), (988, 1756), (993, 1771), (995, 1777), (996, 1780), (1007, 1795), (1020, 1804), (1062, 1873), (1082, 1903), (1084, 1912), (1112, 1945), (1140, 1978), (1176, 2005), (1202, 2038), (1222, 2068), (1235, 2089), (1246, 2113), (1251, 2122), (1253, 2125), (1284, 2182),

Gene: Butters_2 Start: 498, Stop: 2030, Start Num: 234
Candidate Starts for Butters_2:
(Start: 231 @495 has 26 MA's), (Start: 234 @498 has 29 MA's), (Start: 245 @513 has 1 MA's), (282, 570), (Start: 297 @588 has 2 MA's), (309, 600), (368, 672), (395, 720), (400, 729), (443, 792), (487, 864), (508, 912), (584, 1011), (601, 1062), (636, 1134), (641, 1149), (652, 1167), (713, 1275), (728, 1299), (769, 1362), (830, 1446), (873, 1503), (886, 1518), (918, 1575), (930, 1593), (953, 1620), (995, 1689), (1033, 1746), (1047, 1755), (1079, 1776), (1098, 1809), (1124, 1845), (1134, 1860), (1207, 1941), (1210, 1947),

Gene: Button_5 Start: 1178, Stop: 2878, Start Num: 173
Candidate Starts for Button_5:
(Start: 173 @1178 has 9 MA's), (Start: 224 @1232 has 17 MA's), (237, 1253), (Start: 255 @1280 has 1 MA's), (333, 1355), (350, 1391), (407, 1469), (450, 1553), (454, 1568), (476, 1598), (507, 1649), (572, 1748), (619, 1838), (654, 1928), (687, 1982), (729, 2057), (798, 2171), (814, 2195), (890, 2261), (913, 2318), (915, 2321), (917, 2327), (920, 2333), (971, 2399), (988, 2417), (1038, 2498), (1042, 2504), (1064, 2537), (1112, 2594), (1170, 2642), (1249, 2771), (1251, 2774), (1311, 2864), (1313, 2867),

Gene: Buttons_12 Start: 7194, Stop: 8882, Start Num: 102
Candidate Starts for Buttons_12:

(Start: 102 @7194 has 391 MA's), (Start: 302 @7374 has 3 MA's), (363, 7458), (383, 7494), (406, 7521), (476, 7644), (500, 7677), (558, 7752), (593, 7842), (603, 7866), (621, 7893), (637, 7941), (720, 8097), (760, 8157), (930, 8382), (939, 8391), (952, 8403), (988, 8445), (995, 8466), (1020, 8493), (1096, 8601), (1182, 8691), (1246, 8796),

Gene: Buttrmlkdreams_4 Start: 1111, Stop: 2790, Start Num: 176
Candidate Starts for Buttrmlkdreams_4:
(Start: 176 @1111 has 83 MA's), (Start: 224 @1162 has 17 MA's), (237, 1183), (Start: 290 @1222 has 2 MA's), (350, 1309), (382, 1354), (394, 1375), (406, 1384), (443, 1456), (468, 1507), (476, 1516), (507, 1567), (572, 1666), (582, 1687), (596, 1720), (619, 1756), (687, 1900), (706, 1936), (729, 1975), (747, 2008), (778, 2056), (814, 2113), (863, 2146), (890, 2179), (917, 2245), (920, 2251), (971, 2317), (984, 2329), (1038, 2416), (1112, 2512), (1170, 2560), (1222, 2635), (1265, 2716), (1311, 2776), (1313, 2779),

Gene: BuzzBuzz_12 Start: 7041, Stop: 8741, Start Num: 104
Candidate Starts for BuzzBuzz_12:
(Start: 104 @7041 has 125 MA's), (151, 7089), (292, 7224), (426, 7416), (476, 7503), (593, 7701), (634, 7791), (671, 7854), (760, 8016), (915, 8214), (928, 8238), (930, 8241), (988, 8304), (995, 8325), (1026, 8364), (1096, 8460), (1134, 8514), (1182, 8550), (1269, 8697), (1292, 8727), (1294, 8730),

Gene: Bxb1_10 Start: 7031, Stop: 8719, Start Num: 102
Candidate Starts for Bxb1_10:
(Start: 102 @7031 has 391 MA's), (363, 7295), (379, 7319), (476, 7481), (500, 7514), (558, 7589), (593, 7679), (603, 7703), (687, 7871), (758, 7991), (760, 7994), (915, 8192), (930, 8219), (991, 8291), (995, 8303), (1015, 8324), (1049, 8381), (1096, 8438), (1182, 8528), (1184, 8531), (1251, 8642), (1253, 8645), (1269, 8675), (1292, 8705), (1294, 8708),

Gene: Bxz2_13 Start: 7051, Stop: 8751, Start Num: 104
Candidate Starts for Bxz2_13:
(Start: 104 @7051 has 125 MA's), (151, 7099), (292, 7234), (426, 7426), (476, 7513), (593, 7711), (634, 7801), (671, 7864), (760, 8026), (915, 8224), (928, 8248), (930, 8251), (988, 8314), (995, 8335), (1026, 8374), (1096, 8470), (1134, 8524), (1182, 8560), (1269, 8707), (1292, 8737), (1294, 8740),

Gene: ByChance_2 Start: 573, Stop: 2210, Start Num: 126
Candidate Starts for ByChance_2:
(Start: 126 @573 has 206 MA's), (133, 582), (Start: 147 @597 has 3 MA's), (Start: 176 @618 has 83 MA's), (Start: 217 @654 has 209 MA's), (Start: 219 @657 has 2 MA's), (Start: 231 @675 has 26 MA's), (271, 720), (310, 759), (372, 846), (419, 906), (442, 930), (445, 939), (447, 942), (454, 963), (467, 984), (482, 999), (519, 1056), (543, 1095), (580, 1164), (584, 1170), (597, 1200), (598, 1203), (603, 1212), (612, 1227), (621, 1245), (638, 1296), (689, 1389), (695, 1398), (845, 1569), (859, 1581), (915, 1665), (934, 1695), (937, 1698), (940, 1701), (988, 1758), (993, 1773), (995, 1779), (996, 1782), (1007, 1797), (1020, 1806), (1042, 1845), (1062, 1875), (1082, 1905), (1084, 1914), (1112, 1947), (1140, 1980), (1176, 2007), (1202, 2040), (1222, 2070), (1235, 2091), (1246, 2115), (1251, 2124), (1253, 2127), (1284, 2184),

Gene: Byougenkin_2 Start: 629, Stop: 2209, Start Num: 184
Candidate Starts for Byougenkin_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 184 @629 has 3 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (310, 758), (372, 845), (419, 905), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (670, 1346), (689, 1388), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062,

1874), (1082, 1904), (1084, 1913), (1112, 1946), (1130, 1964), (1140, 1979), (1176, 2006), (1202, 2039), (1219, 2066), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: C3_10 Start: 7374, Stop: 9164, Start Num: 103
Candidate Starts for C3_10:
(52, 7296), (83, 7347), (Start: 103 @7374 has 278 MA's), (Start: 206 @7482 has 29 MA's), (226, 7503), (262, 7569), (288, 7611), (309, 7635), (406, 7773), (473, 7893), (476, 7896), (558, 8007), (593, 8097), (603, 8121), (634, 8187), (647, 8223), (671, 8250), (673, 8253), (857, 8553), (915, 8640), (936, 8673), (992, 8739), (1007, 8766), (1026, 8787), (1086, 8871), (1096, 8883), (1184, 8976), (1198, 8991), (1269, 9120), (1290, 9147), (1292, 9150),

Gene: C3PO_12 Start: 6699, Stop: 8765, Start Num: 5
Candidate Starts for C3PO_12:
(Start: 5 @6699 has 5 MA's), (13, 6756), (30, 6894), (33, 6924), (43, 6948), (Start: 106 @7065 has 2 MA's), (Start: 147 @7110 has 3 MA's), (Start: 202 @7173 has 4 MA's), (Start: 224 @7197 has 17 MA's), (343, 7359), (349, 7374), (359, 7392), (361, 7395), (375, 7419), (384, 7437), (433, 7494), (435, 7497), (454, 7539), (473, 7566), (485, 7584), (503, 7611), (513, 7629), (516, 7632), (558, 7686), (597, 7770), (598, 7773), (608, 7794), (621, 7815), (646, 7887), (670, 7917), (695, 7968), (769, 8049), (792, 8082), (916, 8244), (992, 8346), (1007, 8373), (1020, 8382), (1094, 8493), (1166, 8556), (1246, 8667), (1251, 8676), (1301, 8757),

Gene: CRB1_12 Start: 7407, Stop: 9194, Start Num: 103
Candidate Starts for CRB1_12:
(Start: 103 @7407 has 278 MA's), (Start: 206 @7515 has 29 MA's), (226, 7536), (276, 7626), (288, 7644), (350, 7731), (388, 7785), (445, 7875), (473, 7926), (476, 7929), (558, 8037), (593, 8127), (603, 8151), (663, 8268), (673, 8283), (857, 8583), (992, 8769), (1007, 8796), (1026, 8817), (1096, 8913), (1269, 9150), (1292, 9180),

Gene: CWormy_17 Start: 9229, Stop: 10974, Start Num: 217
Candidate Starts for CWormy_17:
(Start: 217 @9229 has 209 MA's), (222, 9235), (287, 9328), (315, 9364), (343, 9418), (446, 9595), (504, 9703), (523, 9721), (525, 9724), (561, 9793), (596, 9877), (604, 9895), (628, 9952), (660, 10033), (680, 10081), (728, 10180), (731, 10186), (748, 10216), (761, 10237), (765, 10243), (791, 10285), (804, 10309), (949, 10504), (982, 10546), (991, 10570), (1000, 10591), (1003, 10594), (1131, 10774), (1179, 10819), (1182, 10822), (1196, 10834), (1207, 10852), (1244, 10924), (1246, 10927),

Gene: Cabrinians_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for Cabrinians_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 176 @617 has 83 MA's), (Start: 184 @629 has 3 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (310, 758), (372, 845), (419, 905), (433, 917), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (482, 998), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (689, 1388), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1140, 1979), (1176, 2006), (1202, 2039), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: Cactus_10 Start: 2509, Stop: 4179, Start Num: 301
Candidate Starts for Cactus_10:
(Start: 301 @2509 has 48 MA's), (344, 2572), (479, 2806), (548, 2908), (632, 3088), (641, 3112), (650, 3130), (663, 3142), (694, 3205), (698, 3217), (725, 3262), (734, 3277), (784, 3355), (811, 3400), (845,

3454), (851, 3460), (917, 3574), (946, 3622), (994, 3718), (1019, 3754), (1118, 3907), (1129, 3919), (1175, 3976), (1205, 4012), (1235, 4063), (1251, 4099), (1253, 4102), (1294, 4168),

Gene: CactusJack_2 Start: 400, Stop: 2076, Start Num: 134
Candidate Starts for CactusJack_2:
(Start: 134 @400 has 105 MA's), (313, 616), (338, 655), (360, 712), (362, 718), (373, 736), (397, 781), (404, 793), (409, 802), (414, 808), (451, 865), (459, 886), (467, 898), (541, 988), (636, 1177), (702, 1273), (720, 1303), (736, 1324), (828, 1465), (837, 1477), (873, 1522), (984, 1675), (989, 1684), (1000, 1711), (1031, 1753), (1044, 1771), (1118, 1855), (1130, 1870), (1269, 2059),

Gene: CactusRose_10 Start: 6744, Stop: 8432, Start Num: 102
Candidate Starts for CactusRose_10:
(Start: 102 @6744 has 391 MA's), (Start: 302 @6924 has 3 MA's), (363, 7008), (383, 7044), (406, 7071), (476, 7194), (558, 7302), (593, 7392), (603, 7416), (637, 7491), (679, 7560), (720, 7647), (760, 7707), (930, 7932), (939, 7941), (952, 7953), (988, 7995), (995, 8016), (1020, 8043), (1096, 8151), (1182, 8241), (1246, 8346),

Gene: Caelakin_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Caelakin_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Caelum_7 Start: 2093, Stop: 3742, Start Num: 75
Candidate Starts for Caelum_7:
(Start: 75 @2093 has 95 MA's), (Start: 180 @2180 has 11 MA's), (189, 2192), (325, 2318), (363, 2366), (382, 2399), (388, 2408), (443, 2492), (445, 2498), (450, 2507), (462, 2534), (480, 2555), (528, 2615), (543, 2642), (582, 2714), (593, 2738), (638, 2837), (654, 2873), (673, 2891), (763, 3011), (766, 3014), (786, 3050), (800, 3068), (927, 3221), (936, 3233), (980, 3284), (992, 3311), (1064, 3419), (1096, 3458), (1112, 3479), (1130, 3503), (1249, 3656), (1251, 3659), (1300, 3737),

Gene: Caitlin_9 Start: 5701, Stop: 7455, Start Num: 63
Candidate Starts for Caitlin_9:
(Start: 63 @5701 has 32 MA's), (94, 5743), (125, 5782), (Start: 231 @5890 has 26 MA's), (406, 6097), (536, 6298), (593, 6406), (646, 6535), (743, 6700), (763, 6733), (866, 6853), (915, 6928), (995, 7039), (1007, 7057), (1026, 7078), (1061, 7132), (1096, 7174), (1196, 7279), (1251, 7378), (1269, 7411), (1294, 7444), (1299, 7450),

Gene: Caliburn_6 Start: 2382, Stop: 4028, Start Num: 75
Candidate Starts for Caliburn_6:
(Start: 75 @2382 has 95 MA's), (Start: 92 @2400 has 10 MA's), (325, 2604), (382, 2685), (462, 2820), (480, 2841), (543, 2928), (582, 3000), (593, 3024), (638, 3123), (673, 3177), (751, 3276), (786, 3336), (920, 3498), (927, 3507), (992, 3597), (1007, 3624), (1062, 3702), (1064, 3705), (1096, 3744), (1112, 3765), (1116, 3771), (1130, 3789), (1217, 3885), (1251, 3945),

Gene: CallieOMalley_5 Start: 3069, Stop: 4637, Start Num: 155
Candidate Starts for CallieOMalley_5:
(Start: 155 @3069 has 82 MA's), (306, 3255), (325, 3285), (374, 3336), (381, 3348), (404, 3393), (430, 3426), (489, 3528), (554, 3609), (584, 3657), (607, 3723), (632, 3771), (635, 3780), (723, 3855), (740, 3882), (759, 3912), (783, 3951), (905, 4131), (953, 4203), (977, 4239), (1044, 4335), (1126, 4401), (1164, 4431), (1169, 4437), (1222, 4503), (1308, 4623),

Gene: CallinAllBarbz_2 Start: 466, Stop: 1968, Start Num: 188
Candidate Starts for CallinAllBarbz_2:
(Start: 188 @466 has 4 MA's), (Start: 215 @490 has 6 MA's), (282, 571), (309, 601), (451, 808), (453, 814), (557, 931), (596, 1015), (601, 1027), (605, 1036), (631, 1093), (663, 1165), (715, 1252), (753, 1309), (900, 1501), (906, 1510), (989, 1624), (1030, 1690), (1130, 1795), (1162, 1837), (1248, 1957),

Gene: Calm_4 Start: 1058, Stop: 2635, Start Num: 155
Candidate Starts for Calm_4:
(Start: 149 @1052 has 70 MA's), (Start: 155 @1058 has 82 MA's), (284, 1229), (352, 1316), (374, 1334), (379, 1340), (396, 1376), (486, 1514), (488, 1517), (550, 1592), (582, 1646), (584, 1649), (585, 1652), (659, 1820), (684, 1874), (688, 1883), (700, 1898), (713, 1919), (737, 1958), (753, 1979), (757, 1985), (777, 2012), (808, 2054), (848, 2078), (866, 2096), (873, 2105), (876, 2111), (902, 2144), (918, 2177), (953, 2216), (962, 2222), (963, 2225), (990, 2270), (1031, 2336), (1069, 2387), (1087, 2402), (1093, 2411), (1111, 2426), (1114, 2429), (1207, 2531), (1224, 2558), (1252, 2609), (1254, 2612),

Gene: Calvinny_13 Start: 7029, Stop: 8729, Start Num: 104
Candidate Starts for Calvinny_13:
(Start: 104 @7029 has 125 MA's), (151, 7077), (Start: 224 @7149 has 17 MA's), (292, 7212), (476, 7491), (593, 7689), (634, 7779), (671, 7842), (760, 8004), (915, 8202), (928, 8226), (930, 8229), (988, 8292), (992, 8304), (995, 8313), (1007, 8331), (1026, 8352), (1096, 8448), (1134, 8502), (1182, 8538), (1269, 8685), (1292, 8715), (1294, 8718),

Gene: Camara_2 Start: 371, Stop: 1993, Start Num: 182
Candidate Starts for Camara_2:
(Start: 164 @350 has 12 MA's), (Start: 182 @371 has 18 MA's), (374, 602), (377, 605), (381, 614), (400, 650), (409, 668), (455, 746), (554, 851), (607, 965), (625, 989), (636, 1025), (643, 1046), (651, 1061), (682, 1121), (744, 1205), (896, 1421), (905, 1433), (916, 1460), (949, 1499), (953, 1505), (980, 1544), (1000, 1571), (1014, 1583), (1030, 1616), (1038, 1628), (1063, 1661), (1203, 1832), (1246, 1901), (1249, 1907), (1259, 1928), (1271, 1949), (1304, 1979), (1306, 1982), (1308, 1985),

Gene: Camille_10 Start: 3878, Stop: 5629, Start Num: 217
Candidate Starts for Camille_10:
(Start: 211 @3872 has 88 MA's), (Start: 217 @3878 has 209 MA's), (272, 3962), (287, 3977), (430, 4211), (434, 4220), (458, 4274), (504, 4352), (556, 4427), (574, 4466), (604, 4544), (660, 4688), (680, 4736), (728, 4835), (804, 4964), (868, 5045), (903, 5102), (921, 5123), (944, 5156), (1000, 5246), (1003, 5249), (1038, 5300), (1068, 5342), (1182, 5477), (1196, 5489),

Gene: Camperdownii_10 Start: 6501, Stop: 8198, Start Num: 102
Candidate Starts for Camperdownii_10:
(Start: 102 @6501 has 391 MA's), (Start: 126 @6525 has 206 MA's), (Start: 239 @6648 has 2 MA's), (339, 6738), (363, 6771), (426, 6870), (473, 6954), (476, 6957), (503, 6996), (558, 7065), (569, 7089), (593, 7155), (634, 7245), (720, 7410), (778, 7497), (798, 7530), (864, 7596), (913, 7668), (915, 7671), (928, 7695), (980, 7746), (988, 7761), (1026, 7821), (1096, 7917), (1144, 7986), (1267, 8151), (1269, 8154), (1292, 8184), (1294, 8187),

Gene: Camster_2 Start: 413, Stop: 2089, Start Num: 134
Candidate Starts for Camster_2:
(Start: 134 @413 has 105 MA's), (313, 629), (338, 668), (360, 725), (362, 731), (373, 749), (397, 794), (404, 806), (409, 815), (414, 821), (451, 878), (459, 899), (467, 911), (541, 1001), (636, 1190), (702, 1286), (720, 1316), (736, 1337), (837, 1490), (984, 1688), (989, 1697), (1000, 1724), (1031, 1766), (1044, 1784), (1118, 1868), (1130, 1883), (1269, 2072),

Gene: CanFranMach_3 Start: 691, Stop: 2319, Start Num: 211
Candidate Starts for CanFranMach_3:
(Start: 211 @691 has 88 MA's), (330, 847), (409, 955), (426, 970), (459, 1039), (585, 1189), (586, 1192), (607, 1252), (622, 1270), (623, 1273), (632, 1300), (642, 1330), (949, 1786), (963, 1801), (1030, 1903), (1196, 2113), (1222, 2152), (1304, 2269), (1318, 2308),

Gene: Candra_15 Start: 7566, Stop: 9320, Start Num: 103
Candidate Starts for Candra_15:
(Start: 103 @7566 has 278 MA's), (288, 7797), (325, 7848), (350, 7884), (406, 7959), (476, 8082), (503, 8121), (558, 8190), (569, 8214), (571, 8217), (593, 8280), (603, 8304), (646, 8403), (647, 8406), (671, 8433), (673, 8436), (864, 8721), (920, 8808), (928, 8820), (988, 8883), (1007, 8922), (1026, 8943), (1086, 9027), (1096, 9039), (1269, 9276), (1290, 9303), (1292, 9306),

Gene: CanesSauce_4 Start: 1120, Stop: 2799, Start Num: 176
Candidate Starts for CanesSauce_4:
(Start: 176 @1120 has 83 MA's), (Start: 224 @1171 has 17 MA's), (237, 1192), (Start: 239 @1195 has 2 MA's), (295, 1237), (343, 1303), (382, 1363), (394, 1384), (406, 1393), (450, 1480), (468, 1516), (476, 1525), (507, 1576), (572, 1675), (596, 1729), (619, 1765), (687, 1909), (706, 1945), (729, 1984), (821, 2131), (863, 2155), (917, 2254), (984, 2338), (1038, 2425), (1112, 2521), (1170, 2569), (1185, 2593), (1222, 2644), (1265, 2725), (1311, 2785), (1313, 2788),

Gene: Canowicakte_5 Start: 3104, Stop: 4672, Start Num: 155
Candidate Starts for Canowicakte_5:
(Start: 155 @3104 has 82 MA's), (306, 3290), (325, 3320), (374, 3371), (381, 3383), (396, 3413), (404, 3428), (430, 3461), (489, 3563), (554, 3644), (584, 3692), (607, 3758), (632, 3806), (635, 3815), (637, 3821), (723, 3890), (740, 3917), (759, 3947), (783, 3986), (905, 4166), (953, 4238), (977, 4274), (1044, 4370), (1126, 4436), (1164, 4466), (1169, 4472), (1222, 4538), (1308, 4658),

Gene: CapnMurica_7 Start: 4800, Stop: 6539, Start Num: 217
Candidate Starts for CapnMurica_7:
(Start: 217 @4800 has 209 MA's), (287, 4899), (353, 5019), (426, 5118), (446, 5160), (458, 5190), (482, 5220), (504, 5268), (525, 5289), (580, 5391), (604, 5460), (616, 5484), (621, 5496), (647, 5574), (680, 5646), (713, 5721), (728, 5745), (791, 5850), (804, 5874), (868, 5955), (897, 6003), (949, 6069), (967, 6087), (970, 6093), (1000, 6156), (1003, 6159), (1146, 6363), (1182, 6387), (1196, 6399), (1244, 6489), (1246, 6492),

Gene: Cappuccino_2 Start: 593, Stop: 2281, Start Num: 122
Candidate Starts for Cappuccino_2:
(Start: 122 @593 has 16 MA's), (343, 794), (434, 938), (450, 962), (476, 1007), (541, 1094), (572, 1148), (591, 1187), (646, 1322), (705, 1424), (800, 1535), (887, 1646), (915, 1697), (1096, 1952), (1106, 1967), (1251, 2192), (1256, 2204), (1265, 2219),

Gene: Caprice_34 Start: 10508, Stop: 12250, Start Num: 176
Candidate Starts for Caprice_34:
(Start: 176 @10508 has 83 MA's), (292, 10625), (325, 10670), (354, 10736), (358, 10751), (379, 10784), (380, 10787), (388, 10802), (407, 10826), (409, 10829), (426, 10859), (436, 10880), (443, 10898), (447, 10907), (463, 10943), (476, 10958), (507, 11003), (543, 11045), (565, 11084), (572, 11096), (582, 11117), (604, 11168), (621, 11189), (747, 11411), (814, 11516), (821, 11525), (871, 11558), (890, 11579), (892, 11582), (908, 11609), (915, 11639), (920, 11651), (930, 11666), (939, 11675), (943, 11681), (971, 11723), (983, 11732), (990, 11747), (995, 11762), (1038, 11822), (1061, 11861), (1089, 11894), (1112, 11924), (1115, 11927), (1163, 12011), (1196, 12065), (1205, 12080), (1224, 12107), (1251, 12161), (1309, 12233), (1311, 12236),

Gene: CaptainKirk2_2 Start: 360, Stop: 1928, Start Num: 163
Candidate Starts for CaptainKirk2_2:
(59, 255), (Start: 163 @360 has 37 MA's), (251, 444), (269, 477), (313, 519), (Start: 324 @537 has 4 MA's), (334, 552), (362, 573), (377, 594), (396, 633), (431, 693), (451, 729), (454, 741), (491, 786), (498, 795), (522, 822), (584, 900), (630, 1005), (637, 1020), (642, 1035), (702, 1113), (736, 1164), (837, 1320), (869, 1359), (898, 1398), (923, 1443), (963, 1488), (965, 1491), (968, 1497), (984, 1518), (989, 1527), (990, 1530), (1005, 1560), (1026, 1584), (1033, 1599), (1118, 1701), (1148, 1743), (1156, 1758), (1176, 1779), (1188, 1794), (1251, 1890), (1262, 1902), (1269, 1911), (1273, 1917),

Gene: CaptainTrips_3 Start: 1235, Stop: 2872, Start Num: 126
Candidate Starts for CaptainTrips_3:
(Start: 126 @1235 has 206 MA's), (Start: 139 @1250 has 1 MA's), (Start: 147 @1259 has 3 MA's), (153, 1265), (Start: 184 @1292 has 3 MA's), (Start: 217 @1316 has 209 MA's), (Start: 219 @1319 has 2 MA's), (271, 1382), (291, 1400), (310, 1421), (372, 1508), (375, 1514), (419, 1568), (433, 1580), (442, 1592), (445, 1601), (447, 1604), (454, 1625), (467, 1646), (482, 1661), (519, 1718), (543, 1757), (580, 1826), (584, 1832), (597, 1862), (598, 1865), (603, 1874), (612, 1889), (621, 1907), (638, 1958), (695, 2060), (845, 2231), (859, 2243), (872, 2261), (915, 2327), (934, 2357), (937, 2360), (940, 2363), (988, 2420), (993, 2435), (995, 2441), (996, 2444), (1007, 2459), (1020, 2468), (1062, 2537), (1082, 2567), (1084, 2576), (1112, 2609), (1140, 2642), (1176, 2669), (1202, 2702), (1219, 2729), (1222, 2732), (1235, 2753), (1246, 2777), (1251, 2786), (1253, 2789), (1284, 2846),

Gene: Captrips_13 Start: 7494, Stop: 9239, Start Num: 217
Candidate Starts for Captrips_13:
(Start: 217 @7494 has 209 MA's), (222, 7500), (280, 7587), (287, 7593), (315, 7629), (343, 7683), (393, 7779), (504, 7968), (523, 7986), (525, 7989), (561, 8058), (604, 8160), (621, 8196), (628, 8217), (636, 8241), (660, 8298), (680, 8346), (709, 8412), (728, 8445), (731, 8451), (748, 8481), (761, 8502), (804, 8574), (949, 8769), (991, 8835), (1000, 8856), (1003, 8859), (1043, 8919), (1125, 9030), (1161, 9066), (1182, 9087), (1196, 9099), (1224, 9144), (1226, 9147), (1244, 9189), (1246, 9192),

Gene: Capybara_13 Start: 7213, Stop: 8958, Start Num: 217
Candidate Starts for Capybara_13:
(Start: 217 @7213 has 209 MA's), (222, 7219), (280, 7306), (287, 7312), (315, 7348), (343, 7402), (504, 7687), (523, 7705), (525, 7708), (561, 7777), (604, 7879), (621, 7915), (628, 7936), (636, 7960), (660, 8017), (680, 8065), (709, 8131), (728, 8164), (731, 8170), (748, 8200), (761, 8221), (804, 8293), (949, 8488), (991, 8554), (1000, 8575), (1003, 8578), (1043, 8638), (1125, 8749), (1161, 8785), (1182, 8806), (1196, 8818), (1226, 8866), (1244, 8908), (1246, 8911),

Gene: CaramelLatte_4 Start: 1120, Stop: 2799, Start Num: 176
Candidate Starts for CaramelLatte_4:
(Start: 176 @1120 has 83 MA's), (Start: 224 @1171 has 17 MA's), (237, 1192), (Start: 239 @1195 has 2 MA's), (295, 1237), (343, 1303), (382, 1363), (394, 1384), (406, 1393), (450, 1480), (468, 1516), (476, 1525), (507, 1576), (572, 1675), (596, 1729), (619, 1765), (687, 1909), (706, 1945), (729, 1984), (821, 2131), (863, 2155), (917, 2254), (984, 2338), (1038, 2425), (1112, 2521), (1170, 2569), (1185, 2593), (1222, 2644), (1265, 2725), (1311, 2785), (1313, 2788),

Gene: Caraxes_11 Start: 6158, Stop: 7942, Start Num: 103
Candidate Starts for Caraxes_11:
(Start: 103 @6158 has 278 MA's), (288, 6389), (350, 6476), (450, 6629), (473, 6671), (476, 6674), (558, 6785), (569, 6809), (571, 6812), (593, 6875), (603, 6899), (673, 7031), (936, 7451), (1007, 7544), (1026, 7565), (1086, 7649), (1096, 7661), (1198, 7769), (1269, 7898), (1290, 7925), (1292, 7928),

Gene: Carcharodon_2 Start: 504, Stop: 2036, Start Num: 234
Candidate Starts for Carcharodon_2:

(Start: 231 @501 has 26 MA's), (Start: 234 @504 has 29 MA's), (243, 516), (Start: 245 @519 has 1 MA's), (282, 576), (Start: 297 @594 has 2 MA's), (309, 606), (368, 678), (380, 696), (390, 714), (400, 735), (443, 798), (459, 837), (487, 870), (508, 918), (573, 1002), (584, 1017), (601, 1068), (605, 1077), (623, 1101), (636, 1140), (637, 1143), (641, 1155), (713, 1281), (728, 1305), (769, 1368), (830, 1452), (886, 1524), (902, 1548), (925, 1590), (930, 1599), (977, 1656), (995, 1695), (1033, 1752), (1041, 1758), (1047, 1761), (1079, 1782), (1109, 1830), (1134, 1866), (1207, 1947), (1210, 1953),

Gene: CardboardBox_4 Start: 1251, Stop: 2789, Start Num: 215
Candidate Starts for CardboardBox_4:
(Start: 215 @1251 has 6 MA's), (249, 1296), (381, 1455), (417, 1518), (467, 1605), (599, 1845), (605, 1857), (631, 1914), (710, 2073), (767, 2160), (871, 2292), (991, 2460), (1104, 2592),

Gene: Cardigan_29 Start: 10698, Stop: 12416, Start Num: 127
Candidate Starts for Cardigan_29:
(Start: 127 @10698 has 26 MA's), (Start: 160 @10734 has 5 MA's), (250, 10830), (419, 11043), (428, 11070), (433, 11082), (447, 11106), (522, 11220), (627, 11415), (642, 11463), (698, 11565), (756, 11625), (766, 11640), (983, 11964), (992, 11985), (1007, 12012), (1061, 12087), (1084, 12129), (1249, 12330), (1265, 12363),

Gene: CarefulCloud_2 Start: 351, Stop: 1808, Start Num: 182
Candidate Starts for CarefulCloud_2:
(Start: 182 @351 has 18 MA's), (189, 360), (Start: 194 @366 has 13 MA's), (413, 627), (418, 633), (454, 699), (577, 849), (581, 855), (596, 903), (629, 966), (742, 1119), (789, 1191), (829, 1239), (864, 1287), (908, 1350), (988, 1461), (1024, 1518), (1061, 1569), (1069, 1581), (1114, 1644), (1126, 1662), (1205, 1764), (1227, 1797),

Gene: Carlyle_13 Start: 7592, Stop: 9280, Start Num: 102
Candidate Starts for Carlyle_13:
(Start: 102 @7592 has 391 MA's), (363, 7856), (379, 7880), (476, 8042), (500, 8075), (558, 8150), (593, 8240), (603, 8264), (621, 8291), (637, 8339), (720, 8495), (760, 8555), (930, 8780), (939, 8789), (952, 8801), (988, 8843), (995, 8864), (1020, 8891), (1096, 8999), (1182, 9089), (1246, 9194),

Gene: CarolAnn_2 Start: 333, Stop: 1958, Start Num: 113
Candidate Starts for CarolAnn_2:
(Start: 113 @333 has 24 MA's), (157, 354), (Start: 163 @360 has 37 MA's), (269, 474), (275, 483), (313, 516), (Start: 324 @534 has 4 MA's), (334, 549), (362, 570), (377, 591), (409, 654), (431, 690), (451, 726), (454, 738), (476, 768), (489, 780), (491, 783), (630, 1002), (637, 1017), (642, 1032), (643, 1035), (702, 1110), (736, 1161), (837, 1317), (855, 1338), (857, 1341), (914, 1428), (923, 1440), (952, 1473), (953, 1476), (984, 1515), (989, 1524), (1031, 1593), (1033, 1596), (1085, 1656), (1087, 1659), (1093, 1668), (1148, 1737), (1287, 1941),

Gene: Caron_2 Start: 631, Stop: 2349, Start Num: 100
Candidate Starts for Caron_2:
(Start: 100 @631 has 15 MA's), (295, 781), (434, 1003), (462, 1054), (476, 1072), (572, 1222), (855, 1678), (887, 1717), (980, 1852), (1096, 2023), (1106, 2038), (1173, 2125), (1217, 2203), (1256, 2275),

Gene: Carpal_5 Start: 3082, Stop: 4647, Start Num: 155
Candidate Starts for Carpal_5:
(Start: 155 @3082 has 82 MA's), (Start: 324 @3292 has 4 MA's), (374, 3346), (404, 3403), (409, 3412), (573, 3652), (584, 3667), (586, 3673), (607, 3733), (636, 3793), (740, 3892), (759, 3922), (768, 3937), (815, 4018), (880, 4096), (883, 4105), (905, 4141), (923, 4180), (953, 4213), (963, 4222), (977, 4249), (1020, 4303), (1044, 4345), (1111, 4390), (1126, 4411), (1141, 4435), (1222, 4513), (1308, 4633),

Gene: Carsonalex_5 Start: 1170, Stop: 2849, Start Num: 176
Candidate Starts for Carsonalex_5:
(Start: 176 @1170 has 83 MA's), (Start: 224 @1221 has 17 MA's), (237, 1242), (295, 1287), (350, 1368), (394, 1434), (406, 1443), (443, 1515), (450, 1530), (468, 1566), (476, 1575), (507, 1626), (572, 1725), (596, 1779), (619, 1815), (687, 1959), (706, 1995), (729, 2034), (747, 2067), (798, 2148), (814, 2172), (863, 2205), (890, 2238), (913, 2295), (917, 2304), (984, 2388), (1038, 2475), (1112, 2571), (1185, 2643), (1196, 2655), (1265, 2775), (1311, 2835), (1313, 2838),

Gene: Cashington_3 Start: 677, Stop: 2305, Start Num: 211
Candidate Starts for Cashington_3:
(Start: 211 @677 has 88 MA's), (330, 833), (409, 941), (443, 986), (451, 1004), (459, 1025), (479, 1049), (489, 1067), (554, 1124), (585, 1175), (586, 1178), (587, 1187), (607, 1238), (622, 1256), (632, 1286), (642, 1316), (949, 1772), (963, 1787), (1222, 2138), (1249, 2186), (1318, 2294),

Gene: Cashline_2 Start: 485, Stop: 2284, Start Num: 113
Candidate Starts for Cashline_2:
(Start: 113 @485 has 24 MA's), (343, 782), (350, 797), (414, 881), (429, 911), (434, 923), (443, 932), (460, 971), (476, 992), (541, 1076), (580, 1148), (596, 1184), (614, 1220), (647, 1310), (663, 1331), (685, 1376), (687, 1382), (705, 1415), (868, 1589), (892, 1616), (930, 1685), (936, 1691), (988, 1757), (992, 1769), (1007, 1796), (1064, 1907), (1086, 1943), (1096, 1955), (1128, 2006), (1143, 2030), (1189, 2093), (1217, 2135), (1249, 2192), (1256, 2207), (1265, 2222), (1267, 2225), (1300, 2270), (1302, 2273),

Gene: Cassia_2 Start: 547, Stop: 2244, Start Num: 101
Candidate Starts for Cassia_2:
(Start: 101 @547 has 50 MA's), (Start: 224 @634 has 17 MA's), (444, 919), (476, 976), (503, 1018), (572, 1114), (596, 1168), (646, 1288), (699, 1378), (747, 1417), (858, 1576), (915, 1663), (992, 1774), (1038, 1843), (1096, 1918), (1106, 1933), (1196, 2059), (1244, 2143), (1256, 2167),

Gene: CastorTray_8 Start: 3573, Stop: 5312, Start Num: 217
Candidate Starts for CastorTray_8:
(169, 3519), (Start: 217 @3573 has 209 MA's), (287, 3672), (353, 3792), (426, 3891), (446, 3933), (458, 3963), (482, 3993), (504, 4041), (525, 4062), (580, 4164), (604, 4233), (616, 4257), (647, 4347), (680, 4419), (713, 4494), (728, 4518), (804, 4647), (868, 4728), (949, 4842), (967, 4860), (970, 4866), (1000, 4929), (1003, 4932), (1136, 5121), (1146, 5136), (1182, 5160), (1196, 5172), (1244, 5262), (1246, 5265),

Gene: CatBus_12 Start: 7751, Stop: 9439, Start Num: 102
Candidate Starts for CatBus_12:
(Start: 102 @7751 has 391 MA's), (Start: 302 @7931 has 3 MA's), (363, 8015), (383, 8051), (406, 8078), (476, 8201), (500, 8234), (558, 8309), (593, 8399), (603, 8423), (621, 8450), (637, 8498), (679, 8567), (714, 8642), (720, 8654), (727, 8663), (760, 8714), (930, 8939), (939, 8948), (952, 8960), (988, 9002), (995, 9023), (1020, 9050), (1096, 9158), (1182, 9248), (1246, 9353),

Gene: Cat_9 Start: 6352, Stop: 8049, Start Num: 102
Candidate Starts for Cat_9:
(Start: 102 @6352 has 391 MA's), (Start: 126 @6376 has 206 MA's), (320, 6559), (363, 6622), (406, 6685), (465, 6796), (476, 6808), (503, 6847), (558, 6916), (569, 6940), (593, 7006), (596, 7015), (634, 7096), (720, 7261), (763, 7327), (778, 7348), (798, 7381), (864, 7447), (928, 7546), (930, 7549), (936, 7555), (943, 7564), (980, 7597), (988, 7612), (1026, 7672), (1096, 7768), (1130, 7813), (1134, 7822), (1253, 7975), (1269, 8005), (1292, 8035), (1294, 8038),

Gene: Catalina_13 Start: 8125, Stop: 9897, Start Num: 117

Candidate Starts for Catalina_13:
(Start: 103 @8110 has 278 MA's), (Start: 117 @8125 has 12 MA's), (Start: 123 @8131 has 9 MA's), (Start: 231 @8242 has 26 MA's), (288, 8341), (406, 8503), (445, 8575), (476, 8629), (503, 8668), (558, 8740), (593, 8830), (603, 8854), (663, 8971), (673, 8986), (727, 9094), (776, 9169), (798, 9205), (837, 9265), (920, 9385), (936, 9406), (980, 9445), (1007, 9499), (1015, 9502), (1026, 9520), (1061, 9574), (1086, 9604), (1096, 9616), (1182, 9706), (1198, 9724), (1269, 9853), (1290, 9880), (1292, 9883),

Gene: Caterpillar_8 Start: 3812, Stop: 5551, Start Num: 217
Candidate Starts for Caterpillar_8:
(Start: 217 @3812 has 209 MA's), (287, 3911), (353, 4031), (426, 4130), (446, 4172), (458, 4202), (504, 4280), (525, 4301), (604, 4472), (616, 4496), (621, 4508), (680, 4658), (713, 4733), (728, 4757), (791, 4862), (804, 4886), (868, 4967), (897, 5015), (949, 5081), (967, 5099), (970, 5105), (991, 5147), (996, 5162), (1000, 5168), (1003, 5171), (1146, 5375), (1182, 5399), (1196, 5411), (1207, 5429), (1244, 5501), (1246, 5504),

Gene: Catfish_6 Start: 2518, Stop: 4161, Start Num: 139
Candidate Starts for Catfish_6:
(Start: 139 @2518 has 1 MA's), (404, 2854), (431, 2890), (443, 2908), (554, 3046), (575, 3085), (586, 3100), (625, 3184), (626, 3187), (627, 3190), (636, 3220), (803, 3424), (929, 3634), (952, 3655), (963, 3667), (984, 3706), (1015, 3742), (1020, 3748), (1133, 3919), (1169, 3952), (1222, 4018), (1249, 4066), (1316, 4153),

Gene: Caviar_12 Start: 7044, Stop: 8741, Start Num: 102
Candidate Starts for Caviar_12:
(Start: 102 @7044 has 391 MA's), (Start: 126 @7068 has 206 MA's), (363, 7314), (465, 7488), (476, 7500), (503, 7539), (518, 7551), (558, 7608), (569, 7632), (593, 7698), (596, 7707), (634, 7788), (646, 7821), (720, 7953), (729, 7965), (763, 8019), (778, 8040), (798, 8073), (855, 8127), (915, 8214), (928, 8238), (930, 8241), (936, 8247), (943, 8256), (988, 8304), (1007, 8343), (1015, 8346), (1026, 8364), (1096, 8460), (1134, 8514), (1253, 8667), (1269, 8697), (1292, 8727), (1294, 8730),

Gene: Cayde6_3 Start: 1071, Stop: 2531, Start Num: 193
Candidate Starts for Cayde6_3:
(Start: 193 @1071 has 146 MA's), (Start: 198 @1077 has 6 MA's), (325, 1239), (330, 1248), (377, 1308), (415, 1377), (431, 1398), (455, 1449), (606, 1653), (744, 1866), (753, 1881), (777, 1917), (804, 1959), (832, 1992), (840, 2010), (923, 2130), (925, 2133), (936, 2145), (990, 2220), (1031, 2283), (1044, 2301), (1045, 2304), (1186, 2466), (1199, 2475), (1205, 2484), (1232, 2523),

Gene: Cazares_3 Start: 1068, Stop: 2522, Start Num: 198
Candidate Starts for Cazares_3:
(Start: 193 @1062 has 146 MA's), (Start: 198 @1068 has 6 MA's), (325, 1230), (330, 1239), (377, 1299), (415, 1368), (431, 1389), (455, 1440), (606, 1644), (669, 1779), (744, 1857), (753, 1872), (765, 1890), (777, 1908), (804, 1950), (832, 1983), (840, 2001), (923, 2121), (925, 2124), (936, 2136), (943, 2148), (953, 2160), (990, 2211), (1028, 2268), (1031, 2274), (1038, 2283), (1044, 2292), (1045, 2295), (1186, 2457), (1199, 2466), (1205, 2475), (1232, 2514),

Gene: Celaena_3 Start: 875, Stop: 2440, Start Num: 211
Candidate Starts for Celaena_3:
(Start: 211 @875 has 88 MA's), (330, 1031), (409, 1139), (455, 1217), (461, 1226), (482, 1253), (554, 1322), (585, 1373), (607, 1436), (642, 1514), (829, 1787), (1008, 2054), (1015, 2057), (1255, 2357), (1271, 2387), (1314, 2432),

Gene: Celery_8 Start: 2487, Stop: 4133, Start Num: 75
Candidate Starts for Celery_8:

(Start: 70 @2478 has 1 MA's), (Start: 75 @2487 has 95 MA's), (Start: 78 @2490 has 1 MA's), (Start: 92 @2505 has 10 MA's), (325, 2709), (382, 2790), (443, 2883), (450, 2898), (462, 2925), (468, 2934), (480, 2946), (543, 3033), (593, 3129), (638, 3228), (751, 3381), (763, 3402), (786, 3441), (915, 3591), (917, 3597), (927, 3612), (980, 3675), (1007, 3729), (1015, 3732), (1096, 3849), (1116, 3876), (1130, 3894), (1179, 3936), (1251, 4050),

Gene: Celeste_6 Start: 2378, Stop: 4024, Start Num: 75
Candidate Starts for Celeste_6:
(Start: 75 @2378 has 95 MA's), (Start: 92 @2396 has 10 MA's), (325, 2600), (350, 2636), (462, 2816), (480, 2837), (515, 2882), (543, 2924), (582, 2996), (593, 3020), (638, 3119), (643, 3134), (663, 3158), (665, 3164), (786, 3332), (915, 3482), (927, 3503), (936, 3515), (992, 3593), (1064, 3701), (1096, 3740), (1112, 3761), (1116, 3767), (1130, 3785), (1251, 3941),

Gene: Celestialunch_11 Start: 6214, Stop: 8004, Start Num: 103
Candidate Starts for Celestialunch_11:
(Start: 103 @6214 has 278 MA's), (Start: 117 @6229 has 12 MA's), (Start: 231 @6346 has 26 MA's), (288, 6445), (292, 6451), (406, 6607), (445, 6679), (476, 6733), (503, 6772), (558, 6844), (593, 6934), (603, 6958), (671, 7087), (673, 7090), (776, 7273), (837, 7369), (888, 7429), (980, 7552), (988, 7567), (992, 7579), (1026, 7627), (1061, 7681), (1086, 7711), (1096, 7723), (1184, 7816), (1198, 7831), (1269, 7960), (1290, 7987), (1292, 7990),

Gene: Celia_6 Start: 2655, Stop: 4316, Start Num: 75
Candidate Starts for Celia_6:
(Start: 75 @2655 has 95 MA's), (273, 2838), (316, 2874), (429, 3045), (462, 3108), (503, 3165), (543, 3216), (582, 3288), (593, 3312), (607, 3345), (628, 3381), (638, 3411), (646, 3432), (701, 3525), (751, 3564), (766, 3588), (786, 3624), (841, 3684), (915, 3774), (927, 3795), (943, 3816), (1015, 3915), (1096, 4032), (1130, 4077),

Gene: Cen1621_2 Start: 604, Stop: 2328, Start Num: 100
Candidate Starts for Cen1621_2:
(Start: 100 @604 has 15 MA's), (350, 841), (420, 943), (429, 964), (434, 976), (462, 1027), (476, 1045), (572, 1195), (915, 1744), (980, 1828), (988, 1843), (1007, 1882), (1064, 1963), (1096, 1999), (1106, 2014), (1144, 2068), (1217, 2179), (1251, 2239), (1256, 2251),

Gene: Centaur_14 Start: 7923, Stop: 9710, Start Num: 103
Candidate Starts for Centaur_14:
(23, 7737), (49, 7839), (Start: 103 @7923 has 278 MA's), (Start: 206 @8031 has 29 MA's), (226, 8052), (288, 8160), (445, 8391), (473, 8442), (476, 8445), (558, 8553), (593, 8643), (603, 8667), (673, 8799), (915, 9186), (1007, 9312), (1026, 9333), (1086, 9417), (1096, 9429), (1269, 9666), (1290, 9693), (1292, 9696), (1294, 9699), (1296, 9702),

Gene: CentreCat_11 Start: 6885, Stop: 8582, Start Num: 102
Candidate Starts for CentreCat_11:
(Start: 102 @6885 has 391 MA's), (Start: 126 @6909 has 206 MA's), (Start: 239 @7032 has 2 MA's), (339, 7122), (363, 7155), (426, 7254), (473, 7338), (476, 7341), (503, 7380), (558, 7449), (569, 7473), (593, 7539), (634, 7629), (720, 7794), (778, 7881), (798, 7914), (864, 7980), (913, 8052), (915, 8055), (928, 8079), (980, 8130), (988, 8145), (1007, 8184), (1026, 8205), (1096, 8301), (1269, 8538), (1292, 8568), (1294, 8571),

Gene: Cerulean_11 Start: 6862, Stop: 8559, Start Num: 102
Candidate Starts for Cerulean_11:
(Start: 102 @6862 has 391 MA's), (Start: 126 @6886 has 206 MA's), (Start: 239 @7009 has 2 MA's), (339, 7099), (363, 7132), (473, 7315), (476, 7318), (503, 7357), (558, 7426), (569, 7450), (593, 7516),

(634, 7606), (720, 7771), (778, 7858), (798, 7891), (864, 7957), (913, 8029), (915, 8032), (928, 8056), (980, 8107), (988, 8122), (1007, 8161), (1026, 8182), (1096, 8278), (1269, 8515), (1292, 8545), (1294, 8548),

Gene: Chadwick_10 Start: 5983, Stop: 7734, Start Num: 63
Candidate Starts for Chadwick_10:
(Start: 53 @5956 has 20 MA's), (Start: 63 @5983 has 32 MA's), (Start: 105 @6043 has 1 MA's), (114, 6052), (Start: 154 @6091 has 1 MA's), (Start: 231 @6172 has 26 MA's), (350, 6304), (406, 6379), (407, 6382), (521, 6556), (593, 6688), (613, 6733), (643, 6811), (646, 6817), (743, 6982), (763, 7015), (778, 7036), (915, 7210), (928, 7234), (1007, 7336), (1026, 7357), (1061, 7411), (1086, 7441), (1096, 7453), (1134, 7507), (1267, 7687), (1269, 7690), (1294, 7723), (1299, 7729),

Gene: ChamoyPickle_4 Start: 1251, Stop: 2789, Start Num: 215
Candidate Starts for ChamoyPickle_4:
(Start: 215 @1251 has 6 MA's), (249, 1296), (381, 1455), (417, 1518), (467, 1605), (599, 1845), (605, 1857), (631, 1914), (710, 2073), (767, 2160), (871, 2292), (991, 2460), (1104, 2592),

Gene: ChampagnePapi_11 Start: 6861, Stop: 8558, Start Num: 102
Candidate Starts for ChampagnePapi_11:
(Start: 102 @6861 has 391 MA's), (Start: 126 @6885 has 206 MA's), (Start: 239 @7008 has 2 MA's), (339, 7098), (363, 7131), (473, 7314), (476, 7317), (503, 7356), (558, 7425), (569, 7449), (593, 7515), (634, 7605), (720, 7770), (778, 7857), (798, 7890), (864, 7956), (913, 8028), (915, 8031), (928, 8055), (980, 8106), (988, 8121), (1007, 8160), (1026, 8181), (1096, 8277), (1269, 8514), (1292, 8544), (1294, 8547),

Gene: Chanagan_10 Start: 6588, Stop: 8276, Start Num: 102
Candidate Starts for Chanagan_10:
(Start: 102 @6588 has 391 MA's), (Start: 302 @6768 has 3 MA's), (363, 6852), (383, 6888), (406, 6915), (476, 7038), (500, 7071), (558, 7146), (593, 7236), (603, 7260), (621, 7287), (637, 7335), (679, 7404), (714, 7479), (720, 7491), (760, 7551), (930, 7776), (939, 7785), (952, 7797), (988, 7839), (995, 7860), (1020, 7887), (1096, 7995), (1182, 8085), (1246, 8190),

Gene: Changeling_15 Start: 9284, Stop: 11071, Start Num: 103
Candidate Starts for Changeling_15:
(25, 9110), (49, 9200), (Start: 103 @9284 has 278 MA's), (Start: 206 @9392 has 29 MA's), (226, 9413), (288, 9521), (309, 9545), (325, 9572), (350, 9608), (473, 9803), (476, 9806), (503, 9845), (558, 9914), (593, 10004), (603, 10028), (673, 10160), (915, 10547), (992, 10646), (1007, 10673), (1026, 10694), (1086, 10778), (1096, 10790), (1269, 11027), (1290, 11054), (1292, 11057), (1294, 11060), (1296, 11063),

Gene: Chaph_11 Start: 6893, Stop: 8590, Start Num: 102
Candidate Starts for Chaph_11:
(Start: 102 @6893 has 391 MA's), (Start: 126 @6917 has 206 MA's), (Start: 239 @7040 has 2 MA's), (339, 7130), (363, 7163), (426, 7262), (473, 7346), (476, 7349), (503, 7388), (558, 7457), (569, 7481), (593, 7547), (634, 7637), (720, 7802), (778, 7889), (798, 7922), (864, 7988), (913, 8060), (915, 8063), (928, 8087), (980, 8138), (988, 8153), (1007, 8192), (1026, 8213), (1096, 8309), (1269, 8546), (1292, 8576), (1294, 8579),

Gene: Charbie_3 Start: 1062, Stop: 2522, Start Num: 193
Candidate Starts for Charbie_3:
(Start: 193 @1062 has 146 MA's), (Start: 198 @1068 has 6 MA's), (325, 1230), (330, 1239), (377, 1299), (415, 1368), (431, 1389), (455, 1440), (606, 1644), (744, 1857), (753, 1872), (777, 1908), (804, 1950), (832, 1983), (840, 2001), (923, 2121), (925, 2124), (936, 2136), (990, 2211), (1031, 2274),

(1044, 2292), (1045, 2295), (1186, 2457), (1199, 2466), (1205, 2475), (1232, 2514),

Gene: Chargerpower_12 Start: 6588, Stop: 8372, Start Num: 103
Candidate Starts for Chargerpower_12:
(Start: 103 @6588 has 278 MA's), (Start: 212 @6696 has 5 MA's), (Start: 231 @6720 has 26 MA's), (260, 6774), (266, 6786), (271, 6795), (288, 6819), (383, 6954), (445, 7050), (473, 7101), (476, 7104), (558, 7215), (569, 7239), (593, 7305), (603, 7329), (634, 7395), (646, 7428), (663, 7446), (673, 7461), (727, 7569), (798, 7680), (980, 7920), (988, 7935), (992, 7947), (1007, 7974), (1096, 8091), (1269, 8328), (1290, 8355), (1292, 8358),

Gene: Charlie_2 Start: 504, Stop: 2036, Start Num: 234
Candidate Starts for Charlie_2:
(Start: 231 @501 has 26 MA's), (Start: 234 @504 has 29 MA's), (243, 516), (Start: 245 @519 has 1 MA's), (282, 576), (Start: 297 @594 has 2 MA's), (309, 606), (368, 678), (380, 696), (390, 714), (400, 735), (443, 798), (459, 837), (487, 870), (508, 918), (573, 1002), (584, 1017), (601, 1068), (605, 1077), (623, 1101), (636, 1140), (637, 1143), (641, 1155), (713, 1281), (728, 1305), (769, 1368), (830, 1452), (886, 1524), (902, 1548), (925, 1590), (930, 1599), (977, 1656), (995, 1695), (1033, 1752), (1041, 1758), (1047, 1761), (1079, 1782), (1109, 1830), (1134, 1866), (1207, 1947), (1210, 1953),

Gene: Charm_12 Start: 6308, Stop: 8080, Start Num: 117
Candidate Starts for Charm_12:
(Start: 103 @6296 has 278 MA's), (Start: 117 @6308 has 12 MA's), (Start: 231 @6425 has 26 MA's), (288, 6524), (392, 6674), (406, 6686), (445, 6758), (476, 6812), (503, 6851), (558, 6923), (587, 6995), (593, 7013), (603, 7037), (663, 7154), (673, 7169), (727, 7277), (776, 7352), (837, 7448), (936, 7589), (980, 7628), (1007, 7682), (1015, 7685), (1026, 7703), (1061, 7757), (1086, 7787), (1096, 7799), (1182, 7889), (1198, 7907), (1269, 8036), (1290, 8063), (1292, 8066),

Gene: Chartreuse_15 Start: 7480, Stop: 9234, Start Num: 103
Candidate Starts for Chartreuse_15:
(Start: 103 @7480 has 278 MA's), (288, 7711), (325, 7762), (350, 7798), (406, 7873), (476, 7996), (503, 8035), (558, 8104), (569, 8128), (571, 8131), (593, 8194), (603, 8218), (646, 8317), (647, 8320), (671, 8347), (673, 8350), (864, 8635), (920, 8722), (928, 8734), (988, 8797), (1007, 8836), (1026, 8857), (1086, 8941), (1096, 8953), (1269, 9190), (1290, 9217), (1292, 9220),

Gene: Chaser_4 Start: 816, Stop: 2378, Start Num: 149
Candidate Starts for Chaser_4:
(Start: 149 @816 has 70 MA's), (Start: 155 @822 has 82 MA's), (271, 972), (Start: 324 @1038 has 4 MA's), (348, 1068), (374, 1092), (381, 1104), (404, 1149), (488, 1275), (585, 1413), (599, 1458), (636, 1533), (659, 1581), (700, 1659), (713, 1680), (728, 1704), (733, 1710), (753, 1740), (757, 1746), (782, 1782), (848, 1839), (876, 1872), (953, 1977), (963, 1986), (980, 2010), (990, 2031), (1031, 2097), (1118, 2199), (1224, 2319), (1228, 2325), (1241, 2346), (1252, 2370),

Gene: Chatham_3 Start: 1074, Stop: 2534, Start Num: 193
Candidate Starts for Chatham_3:
(Start: 193 @1074 has 146 MA's), (Start: 198 @1080 has 6 MA's), (325, 1242), (330, 1251), (377, 1311), (415, 1380), (431, 1401), (455, 1452), (606, 1656), (744, 1869), (753, 1884), (777, 1920), (804, 1962), (832, 1995), (840, 2013), (923, 2133), (925, 2136), (936, 2148), (990, 2223), (1031, 2286), (1044, 2304), (1045, 2307), (1186, 2469), (1199, 2478), (1205, 2487), (1232, 2526),

Gene: Che12_13 Start: 6255, Stop: 8039, Start Num: 103
Candidate Starts for Che12_13:
(Start: 103 @6255 has 278 MA's), (288, 6486), (350, 6573), (450, 6726), (473, 6768), (476, 6771), (558, 6882), (569, 6906), (571, 6909), (593, 6972), (603, 6996), (1007, 7641), (1026, 7662), (1086,

7746), (1096, 7758), (1198, 7866), (1269, 7995), (1290, 8022), (1292, 8025),

Gene: Che8_2 Start: 571, Stop: 2208, Start Num: 126
Candidate Starts for Che8_2:
(Start: 126 @571 has 206 MA's), (133, 580), (Start: 147 @595 has 3 MA's), (Start: 184 @628 has 3 MA's), (Start: 217 @652 has 209 MA's), (Start: 219 @655 has 2 MA's), (271, 718), (310, 757), (372, 844), (419, 904), (442, 928), (445, 937), (447, 940), (454, 961), (467, 982), (482, 997), (519, 1054), (543, 1093), (580, 1162), (584, 1168), (597, 1198), (598, 1201), (603, 1210), (612, 1225), (621, 1243), (638, 1294), (670, 1345), (689, 1387), (695, 1396), (845, 1567), (859, 1579), (872, 1597), (915, 1663), (934, 1693), (937, 1696), (940, 1699), (988, 1756), (993, 1771), (995, 1777), (996, 1780), (1007, 1795), (1020, 1804), (1062, 1873), (1082, 1903), (1112, 1945), (1130, 1963), (1140, 1978), (1176, 2005), (1202, 2038), (1222, 2068), (1235, 2089), (1246, 2113), (1251, 2122), (1253, 2125), (1284, 2182),

Gene: Che9c_2 Start: 500, Stop: 2047, Start Num: 238
Candidate Starts for Che9c_2:
(Start: 229 @488 has 1 MA's), (Start: 238 @500 has 3 MA's), (282, 566), (Start: 297 @584 has 2 MA's), (377, 677), (409, 740), (443, 785), (455, 818), (497, 881), (521, 914), (550, 950), (573, 989), (584, 1004), (596, 1043), (601, 1055), (609, 1073), (623, 1088), (636, 1127), (656, 1166), (713, 1268), (728, 1292), (839, 1454), (873, 1496), (902, 1535), (953, 1610), (977, 1640), (1047, 1754), (1109, 1844), (1134, 1880), (1144, 1895), (1201, 1961), (1207, 1970), (1210, 1976), (1217, 1988), (1226, 1997), (1243, 2024),

Gene: CheeseSpider_2 Start: 361, Stop: 1959, Start Num: 163
Candidate Starts for CheeseSpider_2:
(Start: 113 @334 has 24 MA's), (Start: 154 @352 has 1 MA's), (157, 355), (Start: 163 @361 has 37 MA's), (269, 475), (313, 517), (Start: 324 @535 has 4 MA's), (334, 550), (362, 571), (377, 592), (381, 601), (396, 631), (409, 655), (431, 691), (451, 727), (454, 739), (476, 769), (489, 781), (491, 784), (607, 961), (630, 1003), (637, 1018), (642, 1033), (643, 1036), (702, 1111), (736, 1162), (837, 1318), (855, 1339), (857, 1342), (914, 1429), (923, 1441), (952, 1474), (953, 1477), (984, 1516), (989, 1525), (1005, 1558), (1026, 1582), (1031, 1594), (1033, 1597), (1085, 1657), (1087, 1660), (1093, 1669), (1148, 1738), (1287, 1942),

Gene: Cheesecake_3 Start: 1086, Stop: 2546, Start Num: 193
Candidate Starts for Cheesecake_3:
(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (744, 1881), (753, 1896), (777, 1932), (804, 1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: Cheesepuff_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for Cheesepuff_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 184 @629 has 3 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (310, 758), (372, 845), (419, 905), (433, 917), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (689, 1388), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1140, 1979), (1176, 2006), (1202, 2039), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183), (1290, 2189),

Gene: Cheesy_8 Start: 3847, Stop: 5601, Start Num: 217
Candidate Starts for Cheesy_8:

(172, 3793), (Start: 211 @3841 has 88 MA's), (Start: 217 @3847 has 209 MA's), (280, 3940), (287, 3946), (446, 4213), (458, 4243), (482, 4273), (504, 4321), (523, 4339), (525, 4342), (547, 4384), (604, 4513), (680, 4699), (728, 4798), (770, 4870), (804, 4927), (859, 5005), (868, 5017), (949, 5131), (967, 5149), (990, 5194), (1000, 5218), (1003, 5221), (1030, 5260), (1131, 5401), (1179, 5446), (1182, 5449), (1196, 5461), (1226, 5509), (1242, 5542), (1244, 5551), (1246, 5554),

Gene: ChengKai98_4 Start: 1069, Stop: 2637, Start Num: 149
Candidate Starts for ChengKai98_4:
(Start: 149 @1069 has 70 MA's), (Start: 155 @1075 has 82 MA's), (271, 1231), (484, 1528), (488, 1534), (533, 1594), (582, 1666), (585, 1672), (636, 1792), (659, 1840), (684, 1894), (700, 1918), (728, 1963), (733, 1969), (753, 1999), (757, 2005), (777, 2032), (782, 2041), (848, 2098), (855, 2104), (873, 2125), (876, 2131), (925, 2206), (927, 2209), (963, 2245), (990, 2290), (1031, 2356), (1093, 2431), (1114, 2449), (1118, 2458), (1241, 2605), (1252, 2629), (1254, 2632),

Gene: CherryBlossom_8 Start: 3163, Stop: 4908, Start Num: 217
Candidate Starts for CherryBlossom_8:
(Start: 217 @3163 has 209 MA's), (252, 3217), (Start: 255 @3220 has 1 MA's), (280, 3256), (287, 3262), (430, 3496), (485, 3595), (504, 3637), (525, 3658), (547, 3700), (556, 3712), (596, 3811), (604, 3829), (621, 3865), (713, 4090), (728, 4114), (731, 4120), (804, 4243), (859, 4312), (940, 4429), (944, 4435), (967, 4456), (1000, 4525), (1003, 4528), (1038, 4579), (1101, 4666), (1146, 4732), (1179, 4753), (1182, 4756), (1196, 4768), (1207, 4786), (1244, 4858), (1246, 4861),

Gene: CherryonLim_5 Start: 1648, Stop: 3324, Start Num: 176
Candidate Starts for CherryonLim_5:
(Start: 176 @1648 has 83 MA's), (Start: 224 @1699 has 17 MA's), (237, 1720), (295, 1765), (350, 1843), (394, 1909), (434, 1972), (450, 2005), (468, 2041), (476, 2050), (480, 2053), (500, 2086), (507, 2101), (524, 2119), (572, 2200), (582, 2221), (597, 2257), (607, 2278), (628, 2314), (654, 2380), (687, 2434), (791, 2614), (814, 2647), (890, 2713), (892, 2716), (917, 2779), (920, 2785), (1038, 2950), (1061, 2983), (1116, 3052), (1196, 3130), (1198, 3133), (1249, 3223), (1253, 3229), (1265, 3250), (1311, 3310), (1313, 3313),

Gene: Chevrolet_2 Start: 573, Stop: 2210, Start Num: 126
Candidate Starts for Chevrolet_2:
(Start: 126 @573 has 206 MA's), (133, 582), (Start: 147 @597 has 3 MA's), (Start: 176 @618 has 83 MA's), (Start: 184 @630 has 3 MA's), (Start: 217 @654 has 209 MA's), (Start: 219 @657 has 2 MA's), (271, 720), (310, 759), (372, 846), (419, 906), (433, 918), (442, 930), (445, 939), (447, 942), (454, 963), (467, 984), (482, 999), (519, 1056), (543, 1095), (580, 1164), (584, 1170), (597, 1200), (598, 1203), (603, 1212), (612, 1227), (621, 1245), (638, 1296), (689, 1389), (695, 1398), (845, 1569), (859, 1581), (915, 1665), (934, 1695), (937, 1698), (940, 1701), (988, 1758), (993, 1773), (995, 1779), (996, 1782), (1007, 1797), (1020, 1806), (1062, 1875), (1082, 1905), (1084, 1914), (1112, 1947), (1140, 1980), (1176, 2007), (1202, 2040), (1214, 2061), (1219, 2067), (1222, 2070), (1235, 2091), (1246, 2115), (1251, 2124), (1253, 2127), (1284, 2184),

Gene: ChewChew_2 Start: 426, Stop: 1991, Start Num: 155
Candidate Starts for ChewChew_2:
(Start: 155 @426 has 82 MA's), (253, 549), (Start: 302 @603 has 3 MA's), (Start: 324 @636 has 4 MA's), (325, 639), (374, 690), (396, 732), (404, 747), (409, 756), (430, 780), (540, 942), (607, 1077), (623, 1098), (636, 1137), (740, 1236), (759, 1266), (768, 1281), (786, 1314), (815, 1362), (825, 1371), (883, 1449), (905, 1485), (923, 1524), (963, 1566), (977, 1593), (1020, 1647), (1044, 1689), (1111, 1734), (1126, 1755), (1141, 1779), (1222, 1857),

Gene: Chewbacca_2 Start: 501, Stop: 2036, Start Num: 231
Candidate Starts for Chewbacca_2:

(Start: 231 @501 has 26 MA's), (Start: 234 @504 has 29 MA's), (243, 516), (Start: 245 @519 has 1 MA's), (282, 576), (Start: 297 @594 has 2 MA's), (309, 606), (368, 678), (380, 696), (390, 714), (400, 735), (443, 798), (459, 837), (487, 870), (508, 918), (573, 1002), (584, 1017), (601, 1068), (605, 1077), (623, 1101), (636, 1140), (637, 1143), (641, 1155), (713, 1281), (728, 1305), (769, 1368), (830, 1452), (886, 1524), (902, 1548), (925, 1590), (930, 1599), (977, 1656), (995, 1695), (1033, 1752), (1041, 1758), (1047, 1761), (1079, 1782), (1109, 1830), (1134, 1866), (1207, 1947), (1210, 1953),

Gene: ChewyVIII_38 Start: 19903, Stop: 21543, Start Num: 160
Candidate Starts for ChewyVIII_38:
(131, 19873), (140, 19882), (Start: 160 @19903 has 5 MA's), (Start: 184 @19930 has 3 MA's), (Start: 231 @19975 has 26 MA's), (237, 19984), (342, 20107), (346, 20113), (359, 20140), (384, 20185), (416, 20224), (443, 20257), (445, 20263), (567, 20461), (597, 20524), (643, 20635), (676, 20680), (695, 20719), (769, 20806), (798, 20848), (904, 20974), (989, 21118), (1031, 21187), (1035, 21193), (1084, 21262), (1121, 21310), (1194, 21367), (1261, 21478), (1265, 21487), (1290, 21523),

Gene: Chickaboom_2 Start: 410, Stop: 1990, Start Num: 224
Candidate Starts for Chickaboom_2:
(Start: 141 @320 has 6 MA's), (Start: 164 @344 has 12 MA's), (Start: 224 @410 has 17 MA's), (Start: 300 @506 has 12 MA's), (306, 515), (381, 608), (401, 647), (409, 662), (607, 959), (619, 971), (622, 977), (636, 1019), (643, 1040), (674, 1100), (687, 1130), (698, 1139), (744, 1202), (896, 1418), (905, 1430), (949, 1496), (963, 1511), (980, 1541), (1014, 1580), (1017, 1589), (1023, 1598), (1093, 1688), (1246, 1898), (1306, 1979),

Gene: Chicken_3 Start: 749, Stop: 2329, Start Num: 224
Candidate Starts for Chicken_3:
(Start: 164 @689 has 12 MA's), (Start: 224 @749 has 17 MA's), (Start: 300 @845 has 12 MA's), (306, 854), (Start: 314 @863 has 1 MA's), (325, 884), (374, 935), (401, 986), (409, 1001), (443, 1046), (587, 1247), (607, 1298), (625, 1322), (636, 1358), (643, 1379), (674, 1439), (687, 1469), (698, 1478), (744, 1541), (893, 1751), (905, 1769), (949, 1835), (953, 1841), (963, 1850), (980, 1880), (1014, 1919), (1063, 1997), (1102, 2042), (1114, 2054), (1203, 2168), (1246, 2237), (1249, 2243), (1255, 2255), (1259, 2264), (1306, 2318),

Gene: ChickenTender_6 Start: 1161, Stop: 2840, Start Num: 176
Candidate Starts for ChickenTender_6:
(Start: 176 @1161 has 83 MA's), (Start: 224 @1212 has 17 MA's), (237, 1233), (Start: 239 @1236 has 2 MA's), (295, 1278), (350, 1359), (394, 1425), (406, 1434), (443, 1506), (450, 1521), (468, 1557), (476, 1566), (507, 1617), (572, 1716), (596, 1770), (619, 1806), (687, 1950), (706, 1986), (729, 2025), (747, 2058), (778, 2106), (798, 2139), (814, 2163), (863, 2196), (890, 2229), (913, 2286), (917, 2295), (984, 2379), (995, 2406), (1038, 2466), (1112, 2562), (1185, 2634), (1196, 2646), (1265, 2766), (1311, 2826), (1313, 2829),

Gene: ChickyNuggy_14 Start: 7311, Stop: 8957, Start Num: 287
Candidate Starts for ChickyNuggy_14:
(Start: 217 @7212 has 209 MA's), (222, 7218), (280, 7305), (287, 7311), (315, 7347), (343, 7401), (393, 7497), (504, 7686), (523, 7704), (525, 7707), (561, 7776), (604, 7878), (621, 7914), (628, 7935), (636, 7959), (660, 8016), (680, 8064), (709, 8130), (728, 8163), (731, 8169), (748, 8199), (761, 8220), (804, 8292), (949, 8487), (991, 8553), (1000, 8574), (1003, 8577), (1043, 8637), (1125, 8748), (1161, 8784), (1182, 8805), (1196, 8817), (1224, 8862), (1226, 8865), (1244, 8907), (1246, 8910),

Gene: Chikenjars_17 Start: 10501, Stop: 12246, Start Num: 217
Candidate Starts for Chikenjars_17:
(Start: 217 @10501 has 209 MA's), (222, 10507), (280, 10594), (287, 10600), (315, 10636), (343, 10690), (345, 10696), (402, 10792), (446, 10867), (504, 10975), (525, 10996), (561, 11065), (604,

11167), (628, 11224), (647, 11281), (653, 11293), (680, 11353), (728, 11452), (731, 11458), (765, 11515), (804, 11581), (940, 11767), (949, 11776), (982, 11818), (991, 11842), (1000, 11863), (1003, 11866), (1179, 12091), (1182, 12094), (1196, 12106), (1244, 12196), (1246, 12199),

Gene: ChiliPepper_3 Start: 944, Stop: 2563, Start Num: 211
Candidate Starts for ChiliPepper_3:
(4, 410), (Start: 205 @938 has 7 MA's), (Start: 211 @944 has 88 MA's), (330, 1100), (400, 1190), (409, 1208), (426, 1223), (459, 1292), (476, 1313), (479, 1316), (489, 1334), (554, 1391), (585, 1442), (586, 1445), (607, 1505), (623, 1526), (632, 1553), (642, 1583), (873, 1922), (962, 2045), (1196, 2360), (1222, 2399), (1304, 2516),

Gene: ChipMunk_14 Start: 7824, Stop: 9611, Start Num: 103
Candidate Starts for ChipMunk_14:
(Start: 103 @7824 has 278 MA's), (Start: 206 @7932 has 29 MA's), (226, 7953), (288, 8061), (350, 8148), (445, 8292), (473, 8343), (476, 8346), (558, 8454), (593, 8544), (603, 8568), (663, 8685), (673, 8700), (857, 9000), (992, 9186), (1007, 9213), (1026, 9234), (1096, 9330), (1269, 9567), (1292, 9597),

Gene: Chipko_2 Start: 584, Stop: 2194, Start Num: 175
Candidate Starts for Chipko_2:
(Start: 175 @584 has 14 MA's), (331, 767), (431, 902), (454, 950), (509, 1022), (607, 1175), (630, 1217), (642, 1247), (698, 1352), (702, 1361), (752, 1442), (754, 1445), (766, 1463), (794, 1508), (815, 1541), (835, 1568), (893, 1646), (952, 1733), (969, 1757), (1030, 1850), (1031, 1853), (1044, 1871), (1118, 1955), (1240, 2129),

Gene: ChipsNGuac_4 Start: 1251, Stop: 2789, Start Num: 215
Candidate Starts for ChipsNGuac_4:
(Start: 215 @1251 has 6 MA's), (249, 1296), (381, 1455), (417, 1518), (467, 1605), (599, 1845), (605, 1857), (631, 1914), (710, 2073), (767, 2160), (871, 2292), (991, 2460), (1104, 2592),

Gene: Chiqui_10 Start: 6717, Stop: 8414, Start Num: 102
Candidate Starts for Chiqui_10:
(Start: 102 @6717 has 391 MA's), (174, 6789), (363, 6987), (406, 7050), (465, 7161), (476, 7173), (503, 7212), (518, 7224), (558, 7281), (569, 7305), (593, 7371), (596, 7380), (634, 7461), (643, 7488), (720, 7626), (763, 7692), (778, 7713), (798, 7746), (864, 7812), (915, 7887), (928, 7911), (930, 7914), (936, 7920), (943, 7929), (988, 7977), (1007, 8016), (1026, 8037), (1096, 8133), (1130, 8178), (1134, 8187), (1253, 8340), (1269, 8370), (1292, 8400), (1294, 8403),

Gene: Chlochlo_7 Start: 3522, Stop: 5264, Start Num: 217
Candidate Starts for Chlochlo_7:
(Start: 211 @3516 has 88 MA's), (Start: 217 @3522 has 209 MA's), (287, 3621), (353, 3741), (426, 3840), (458, 3912), (504, 3990), (525, 4011), (580, 4113), (604, 4182), (619, 4215), (680, 4368), (713, 4443), (728, 4467), (791, 4572), (804, 4596), (868, 4677), (949, 4794), (967, 4812), (970, 4818), (991, 4860), (1000, 4881), (1003, 4884), (1131, 5064), (1146, 5088), (1182, 5112), (1196, 5124), (1207, 5142), (1244, 5214), (1246, 5217),

Gene: ChocoMunchkin_4 Start: 1120, Stop: 2799, Start Num: 176
Candidate Starts for ChocoMunchkin_4:
(Start: 176 @1120 has 83 MA's), (Start: 224 @1171 has 17 MA's), (237, 1192), (Start: 239 @1195 has 2 MA's), (295, 1237), (343, 1303), (382, 1363), (394, 1384), (406, 1393), (450, 1480), (468, 1516), (476, 1525), (507, 1576), (572, 1675), (596, 1729), (619, 1765), (687, 1909), (706, 1945), (729, 1984), (821, 2131), (863, 2155), (917, 2254), (984, 2338), (1038, 2425), (1112, 2521), (1170, 2569), (1185, 2593), (1222, 2644), (1265, 2725), (1311, 2785), (1313, 2788),

Gene: Cholula_5 Start: 3127, Stop: 4692, Start Num: 155
Candidate Starts for Cholula_5:
(Start: 155 @3127 has 82 MA's), (Start: 324 @3337 has 4 MA's), (374, 3391), (409, 3457), (430, 3481), (573, 3697), (584, 3712), (586, 3718), (607, 3778), (636, 3838), (740, 3937), (759, 3967), (768, 3982), (815, 4063), (880, 4141), (883, 4150), (905, 4186), (923, 4225), (953, 4258), (963, 4267), (977, 4294), (1020, 4348), (1044, 4390), (1111, 4435), (1126, 4456), (1222, 4558), (1308, 4678),

Gene: Chop_6 Start: 1978, Stop: 3408, Start Num: 329
Candidate Starts for Chop_6:
(201, 1810), (Start: 204 @1813 has 1 MA's), (213, 1822), (Start: 329 @1978 has 15 MA's), (343, 1996), (409, 2119), (427, 2137), (448, 2176), (452, 2185), (504, 2269), (585, 2353), (588, 2368), (601, 2401), (634, 2467), (700, 2599), (819, 2788), (866, 2848), (898, 2890), (928, 2941), (989, 3016), (990, 3019), (1003, 3046), (1044, 3106), (1069, 3139), (1083, 3154), (1118, 3190), (1154, 3232), (1178, 3259), (1211, 3295), (1214, 3301), (1241, 3340),

Gene: ChosenOne_7 Start: 1729, Stop: 3399, Start Num: 301
Candidate Starts for ChosenOne_7:
(226, 1603), (267, 1681), (Start: 301 @1729 has 48 MA's), (344, 1792), (479, 2026), (548, 2128), (632, 2308), (641, 2332), (650, 2350), (663, 2362), (694, 2425), (698, 2437), (725, 2482), (734, 2497), (784, 2575), (811, 2620), (845, 2674), (851, 2680), (917, 2794), (946, 2842), (994, 2938), (1007, 2959), (1019, 2974), (1118, 3127), (1129, 3139), (1175, 3196), (1205, 3232), (1235, 3283), (1251, 3319), (1253, 3322), (1294, 3388),

Gene: ChotaBhai_8 Start: 1963, Stop: 3633, Start Num: 296
Candidate Starts for ChotaBhai_8:
(Start: 296 @1963 has 11 MA's), (479, 2260), (548, 2362), (632, 2542), (641, 2566), (650, 2584), (663, 2596), (694, 2659), (698, 2671), (725, 2716), (734, 2731), (784, 2809), (811, 2854), (845, 2908), (851, 2914), (917, 3028), (946, 3076), (994, 3172), (1019, 3208), (1118, 3361), (1129, 3373), (1175, 3430), (1205, 3466), (1235, 3517), (1251, 3553), (1253, 3556), (1294, 3622),

Gene: Chridison_2 Start: 429, Stop: 1994, Start Num: 155
Candidate Starts for Chridison_2:
(Start: 155 @429 has 82 MA's), (Start: 297 @600 has 2 MA's), (374, 693), (404, 750), (409, 759), (430, 783), (455, 837), (554, 966), (584, 1014), (607, 1080), (636, 1140), (647, 1170), (759, 1269), (768, 1284), (883, 1452), (923, 1527), (953, 1560), (1015, 1644), (1044, 1692), (1096, 1716), (1182, 1806), (1222, 1860), (1272, 1941), (1308, 1980),

Gene: Christian_2 Start: 426, Stop: 1991, Start Num: 155
Candidate Starts for Christian_2:
(Start: 155 @426 has 82 MA's), (253, 549), (Start: 324 @636 has 4 MA's), (325, 639), (374, 690), (396, 732), (409, 756), (430, 780), (540, 942), (607, 1077), (623, 1098), (636, 1137), (740, 1236), (759, 1266), (768, 1281), (786, 1314), (815, 1362), (825, 1371), (883, 1449), (905, 1485), (923, 1524), (953, 1557), (963, 1566), (977, 1593), (1020, 1647), (1044, 1689), (1093, 1710), (1111, 1734), (1126, 1755), (1141, 1779), (1222, 1857),

Gene: ChristmasHams_11 Start: 7055, Stop: 8743, Start Num: 102
Candidate Starts for ChristmasHams_11:
(Start: 102 @7055 has 391 MA's), (363, 7319), (379, 7343), (476, 7505), (500, 7538), (558, 7613), (593, 7703), (603, 7727), (621, 7754), (637, 7802), (720, 7958), (760, 8018), (930, 8243), (939, 8252), (952, 8264), (988, 8306), (995, 8327), (1020, 8354), (1096, 8462), (1182, 8552), (1246, 8657),

Gene: Chubbello_2 Start: 412, Stop: 2088, Start Num: 134
Candidate Starts for Chubbello_2:

(Start: 134 @412 has 105 MA's), (313, 628), (338, 667), (360, 724), (362, 730), (373, 748), (397, 793), (404, 805), (409, 814), (414, 820), (451, 877), (459, 898), (467, 910), (541, 1000), (636, 1189), (702, 1285), (720, 1315), (736, 1336), (837, 1489), (984, 1687), (989, 1696), (1000, 1723), (1031, 1765), (1044, 1783), (1118, 1867), (1130, 1882), (1269, 2071),

Gene: ChuckDuck_2 Start: 625, Stop: 2373, Start Num: 236
Candidate Starts for ChuckDuck_2:
(189, 574), (213, 601), (Start: 236 @625 has 15 MA's), (295, 718), (Start: 314 @742 has 1 MA's), (382, 859), (385, 865), (403, 898), (405, 901), (419, 919), (439, 961), (447, 979), (482, 1039), (498, 1063), (510, 1075), (536, 1114), (548, 1135), (567, 1168), (590, 1222), (603, 1255), (605, 1261), (664, 1363), (691, 1420), (697, 1435), (723, 1474), (784, 1570), (907, 1747), (913, 1762), (924, 1786), (1026, 1969), (1041, 1996), (1056, 2020), (1064, 2038), (1088, 2068), (1129, 2125), (1150, 2152), (1177, 2176), (1185, 2185), (1201, 2203), (1251, 2290),

Gene: Chuckly_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Chuckly_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Chucky_6 Start: 2377, Stop: 4023, Start Num: 75
Candidate Starts for Chucky_6:
(Start: 75 @2377 has 95 MA's), (Start: 92 @2395 has 10 MA's), (Start: 239 @2527 has 2 MA's), (325, 2599), (350, 2635), (462, 2815), (480, 2836), (515, 2881), (543, 2923), (582, 2995), (593, 3019), (638, 3118), (643, 3133), (663, 3157), (665, 3163), (786, 3331), (915, 3481), (927, 3502), (980, 3565), (992, 3592), (1064, 3700), (1096, 3739), (1112, 3760), (1116, 3766), (1130, 3784), (1217, 3880), (1251, 3940), (1300, 4018),

Gene: Chupacabra_11 Start: 6706, Stop: 8379, Start Num: 102
Candidate Starts for Chupacabra_11:
(Start: 102 @6706 has 391 MA's), (Start: 239 @6835 has 2 MA's), (316, 6901), (363, 6967), (390, 7012), (426, 7066), (450, 7108), (476, 7153), (503, 7192), (543, 7240), (558, 7261), (569, 7285), (593, 7336), (646, 7459), (663, 7477), (687, 7528), (732, 7606), (769, 7666), (798, 7711), (864, 7777), (913, 7849), (915, 7852), (928, 7876), (988, 7942), (1007, 7981), (1015, 7984), (1026, 8002), (1096, 8098), (1144, 8167), (1269, 8335), (1292, 8365), (1294, 8368),

Gene: ChutneyChips_4 Start: 816, Stop: 2378, Start Num: 149
Candidate Starts for ChutneyChips_4:
(Start: 149 @816 has 70 MA's), (Start: 155 @822 has 82 MA's), (271, 972), (Start: 324 @1038 has 4 MA's), (348, 1068), (374, 1092), (381, 1104), (488, 1275), (585, 1413), (599, 1458), (636, 1533), (659, 1581), (688, 1644), (700, 1659), (713, 1680), (728, 1704), (733, 1710), (753, 1740), (757, 1746), (782, 1782), (848, 1839), (876, 1872), (953, 1977), (963, 1986), (980, 2010), (990, 2031), (1031, 2097), (1118, 2199), (1224, 2319), (1228, 2325), (1241, 2346), (1252, 2370),

Gene: Chymera_2 Start: 579, Stop: 2390, Start Num: 230
Candidate Starts for Chymera_2:

(Start: 230 @579 has 1 MA's), (268, 651), (270, 654), (388, 843), (390, 846), (452, 954), (483, 1005), (548, 1098), (590, 1191), (636, 1290), (648, 1326), (698, 1434), (737, 1515), (851, 1698), (863, 1713), (917, 1812), (954, 1860), (966, 1878), (1097, 2094), (1099, 2097), (1118, 2124), (1127, 2136), (1134, 2148), (1185, 2205), (1268, 2346), (1293, 2379),

Gene: Ciao_11 Start: 6974, Stop: 8662, Start Num: 102
Candidate Starts for Ciao_11:
(Start: 102 @6974 has 391 MA's), (Start: 302 @7154 has 3 MA's), (363, 7238), (383, 7274), (406, 7301), (456, 7397), (476, 7424), (500, 7457), (558, 7532), (593, 7622), (603, 7646), (637, 7721), (679, 7790), (720, 7877), (760, 7937), (939, 8171), (952, 8183), (988, 8225), (995, 8246), (1020, 8273), (1096, 8381), (1182, 8471), (1246, 8576),

Gene: CicholasNage_4 Start: 1059, Stop: 2636, Start Num: 155
Candidate Starts for CicholasNage_4:
(Start: 149 @1053 has 70 MA's), (Start: 155 @1059 has 82 MA's), (284, 1230), (352, 1317), (374, 1335), (379, 1341), (396, 1377), (486, 1515), (488, 1518), (550, 1593), (582, 1647), (584, 1650), (585, 1653), (659, 1821), (684, 1875), (688, 1884), (700, 1899), (713, 1920), (737, 1959), (753, 1980), (757, 1986), (777, 2013), (808, 2055), (848, 2079), (866, 2097), (873, 2106), (876, 2112), (902, 2145), (918, 2178), (953, 2217), (962, 2223), (963, 2226), (990, 2271), (1031, 2337), (1069, 2388), (1087, 2403), (1093, 2412), (1111, 2427), (1114, 2430), (1207, 2532), (1224, 2559), (1252, 2610), (1254, 2613),

Gene: Cici_11 Start: 6881, Stop: 8578, Start Num: 102
Candidate Starts for Cici_11:
(Start: 102 @6881 has 391 MA's), (Start: 126 @6905 has 206 MA's), (363, 7151), (429, 7256), (473, 7334), (476, 7337), (503, 7376), (558, 7445), (569, 7469), (593, 7535), (634, 7625), (720, 7790), (751, 7835), (778, 7877), (798, 7910), (864, 7976), (913, 8048), (915, 8051), (928, 8075), (988, 8141), (1007, 8180), (1026, 8201), (1096, 8297), (1267, 8531), (1269, 8534), (1292, 8564), (1294, 8567),

Gene: Ciel_3 Start: 1086, Stop: 2546, Start Num: 193
Candidate Starts for Ciel_3:
(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (744, 1881), (753, 1896), (777, 1932), (804, 1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: Cindaradix_10 Start: 6590, Stop: 8287, Start Num: 102
Candidate Starts for Cindaradix_10:
(Start: 102 @6590 has 391 MA's), (Start: 126 @6614 has 206 MA's), (363, 6860), (473, 7043), (476, 7046), (503, 7085), (558, 7154), (569, 7178), (593, 7244), (596, 7253), (634, 7334), (646, 7367), (719, 7496), (720, 7499), (751, 7544), (778, 7586), (798, 7619), (915, 7760), (928, 7784), (930, 7787), (988, 7850), (1007, 7889), (1026, 7910), (1096, 8006), (1144, 8075), (1198, 8114), (1267, 8240), (1269, 8243), (1292, 8273), (1294, 8276),

Gene: Cintron_11 Start: 6929, Stop: 8626, Start Num: 102
Candidate Starts for Cintron_11:
(Start: 102 @6929 has 391 MA's), (Start: 126 @6953 has 206 MA's), (Start: 239 @7076 has 2 MA's), (339, 7166), (363, 7199), (426, 7298), (473, 7382), (476, 7385), (503, 7424), (558, 7493), (569, 7517), (593, 7583), (634, 7673), (720, 7838), (778, 7925), (798, 7958), (913, 8096), (915, 8099), (928, 8123), (988, 8189), (1007, 8228), (1026, 8249), (1096, 8345), (1267, 8579), (1269, 8582), (1292, 8612), (1294, 8615),

Gene: Circum_8 Start: 3847, Stop: 5601, Start Num: 217
Candidate Starts for Circum_8:

(172, 3793), (Start: 211 @3841 has 88 MA's), (Start: 217 @3847 has 209 MA's), (280, 3940), (287, 3946), (402, 4138), (446, 4213), (458, 4243), (482, 4273), (504, 4321), (525, 4342), (604, 4513), (680, 4699), (728, 4798), (770, 4870), (804, 4927), (859, 5005), (868, 5017), (949, 5131), (967, 5149), (990, 5194), (1000, 5218), (1003, 5221), (1030, 5260), (1131, 5401), (1179, 5446), (1182, 5449), (1196, 5461), (1226, 5509), (1242, 5542), (1244, 5551), (1246, 5554),

Gene: Citius_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Citius_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Citrus_16 Start: 10508, Stop: 12253, Start Num: 217
Candidate Starts for Citrus_16:
(Start: 217 @10508 has 209 MA's), (222, 10514), (280, 10601), (287, 10607), (315, 10643), (343, 10697), (345, 10703), (402, 10799), (446, 10874), (504, 10982), (525, 11003), (561, 11072), (604, 11174), (628, 11231), (647, 11288), (653, 11300), (680, 11360), (728, 11459), (731, 11465), (765, 11522), (804, 11588), (940, 11774), (949, 11783), (982, 11825), (991, 11849), (1000, 11870), (1003, 11873), (1179, 12098), (1182, 12101), (1196, 12113), (1244, 12203), (1246, 12206),

Gene: Clammy_12 Start: 6496, Stop: 8193, Start Num: 102
Candidate Starts for Clammy_12:
(Start: 102 @6496 has 391 MA's), (Start: 126 @6520 has 206 MA's), (174, 6568), (363, 6766), (406, 6829), (465, 6940), (476, 6952), (503, 6991), (518, 7003), (558, 7060), (569, 7084), (593, 7150), (596, 7159), (634, 7240), (643, 7267), (720, 7405), (778, 7492), (798, 7525), (864, 7591), (915, 7666), (928, 7690), (930, 7693), (936, 7699), (943, 7708), (980, 7741), (988, 7756), (1026, 7816), (1096, 7912), (1130, 7957), (1134, 7966), (1253, 8119), (1269, 8149), (1292, 8179), (1294, 8182),

Gene: Clank_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Clank_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Clap_2 Start: 318, Stop: 1889, Start Num: 134
Candidate Starts for Clap_2:
(Start: 134 @318 has 105 MA's), (251, 426), (281, 474), (313, 504), (332, 537), (397, 621), (402, 630), (431, 666), (461, 726), (550, 816), (596, 912), (607, 936), (630, 978), (654, 1032), (679, 1071), (736, 1137), (741, 1149), (760, 1179), (783, 1212), (837, 1293), (873, 1338), (876, 1344), (895, 1365), (950, 1455), (986, 1500), (989, 1506), (1003, 1536), (1005, 1539), (1044, 1593), (1078, 1629), (1120, 1680), (1162, 1740), (1164, 1743), (1200, 1785), (1266, 1872),

Gene: Clarenza_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Clarenza_11:

(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Clark_3 Start: 820, Stop: 2379, Start Num: 134
Candidate Starts for Clark_3:
(Start: 134 @820 has 105 MA's), (251, 928), (313, 1006), (332, 1039), (396, 1120), (397, 1123), (402, 1132), (431, 1168), (461, 1228), (550, 1318), (552, 1321), (596, 1414), (599, 1423), (607, 1438), (647, 1522), (679, 1573), (736, 1639), (760, 1681), (806, 1750), (810, 1756), (837, 1795), (855, 1816), (873, 1840), (876, 1846), (895, 1867), (918, 1912), (950, 1948), (952, 1951), (986, 1993), (1078, 2122), (1120, 2173), (1214, 2302), (1266, 2362),

Gene: Clarkson_36 Start: 11120, Stop: 12862, Start Num: 176
Candidate Starts for Clarkson_36:
(Start: 176 @11120 has 83 MA's), (292, 11237), (325, 11282), (354, 11348), (358, 11363), (379, 11396), (380, 11399), (388, 11414), (407, 11438), (409, 11441), (426, 11471), (436, 11492), (443, 11510), (447, 11519), (463, 11555), (476, 11570), (507, 11615), (543, 11657), (565, 11696), (572, 11708), (582, 11729), (604, 11780), (621, 11801), (747, 12023), (814, 12128), (821, 12137), (871, 12170), (890, 12191), (892, 12194), (908, 12221), (915, 12251), (920, 12263), (930, 12278), (939, 12287), (943, 12293), (971, 12335), (983, 12344), (990, 12359), (995, 12374), (1038, 12434), (1061, 12473), (1089, 12506), (1112, 12536), (1115, 12539), (1163, 12623), (1196, 12677), (1205, 12692), (1224, 12719), (1251, 12773), (1309, 12845), (1311, 12848),

Gene: Claus_4 Start: 1081, Stop: 2649, Start Num: 149
Candidate Starts for Claus_4:
(Start: 149 @1081 has 70 MA's), (Start: 155 @1087 has 82 MA's), (Start: 164 @1096 has 12 MA's), (172, 1105), (271, 1243), (352, 1345), (414, 1435), (484, 1540), (582, 1678), (585, 1684), (591, 1705), (599, 1729), (636, 1804), (659, 1852), (684, 1906), (700, 1930), (713, 1951), (728, 1975), (733, 1981), (753, 2011), (757, 2017), (782, 2053), (848, 2110), (866, 2128), (876, 2143), (927, 2221), (963, 2257), (968, 2266), (990, 2302), (1031, 2368), (1033, 2371), (1093, 2443), (1114, 2461), (1118, 2470), (1241, 2617), (1252, 2641), (1254, 2644),

Gene: Clautastrophe_5 Start: 1190, Stop: 2755, Start Num: 149
Candidate Starts for Clautastrophe_5:
(Start: 104 @1139 has 125 MA's), (Start: 112 @1148 has 1 MA's), (Start: 149 @1190 has 70 MA's), (Start: 155 @1196 has 82 MA's), (284, 1367), (312, 1397), (374, 1472), (379, 1478), (381, 1484), (476, 1640), (484, 1649), (486, 1652), (488, 1655), (550, 1730), (582, 1784), (584, 1787), (585, 1790), (688, 2021), (737, 2096), (753, 2117), (757, 2123), (808, 2192), (848, 2216), (866, 2234), (876, 2249), (963, 2363), (988, 2402), (990, 2408), (1031, 2474), (1078, 2528), (1111, 2564), (1118, 2576), (1155, 2615), (1228, 2702), (1252, 2747), (1254, 2750),

Gene: Clayda5_2 Start: 593, Stop: 2155, Start Num: 211
Candidate Starts for Clayda5_2:
(Start: 211 @593 has 88 MA's), (Start: 297 @701 has 2 MA's), (330, 749), (409, 857), (414, 863), (426, 872), (429, 878), (430, 881), (485, 977), (554, 1040), (607, 1154), (636, 1214), (642, 1232), (791, 1460), (829, 1505), (914, 1643), (1189, 1970), (1310, 2144), (1314, 2147),

Gene: CliffHanger_4 Start: 794, Stop: 2380, Start Num: 211
Candidate Starts for CliffHanger_4:
(Start: 211 @794 has 88 MA's), (282, 884), (306, 911), (330, 950), (409, 1058), (459, 1142), (491, 1187), (545, 1232), (585, 1292), (607, 1355), (642, 1433), (896, 1817), (908, 1835), (1138, 2120),

(1184, 2189), (1259, 2309), (1314, 2372),

Gene: Clifton_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for Clifton_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 176 @617 has 83 MA's), (Start: 184 @629 has 3 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (310, 758), (372, 845), (419, 905), (433, 917), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (482, 998), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (689, 1388), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1140, 1979), (1176, 2006), (1202, 2039), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: CloudWang3_15 Start: 7511, Stop: 9265, Start Num: 103
Candidate Starts for CloudWang3_15:
(Start: 103 @7511 has 278 MA's), (288, 7742), (325, 7793), (350, 7829), (406, 7904), (476, 8027), (503, 8066), (558, 8135), (569, 8159), (571, 8162), (593, 8225), (603, 8249), (646, 8348), (647, 8351), (671, 8378), (673, 8381), (864, 8666), (920, 8753), (928, 8765), (988, 8828), (1007, 8867), (1026, 8888), (1086, 8972), (1096, 8984), (1269, 9221), (1290, 9248), (1292, 9251),

Gene: ClownCar_13 Start: 7027, Stop: 8727, Start Num: 104
Candidate Starts for ClownCar_13:
(Start: 104 @7027 has 125 MA's), (151, 7075), (292, 7210), (476, 7489), (593, 7687), (634, 7777), (671, 7840), (760, 8002), (915, 8200), (928, 8224), (930, 8227), (988, 8290), (992, 8302), (995, 8311), (1007, 8329), (1026, 8350), (1096, 8446), (1134, 8500), (1182, 8536), (1269, 8683), (1292, 8713), (1294, 8716),

Gene: Clownery_3 Start: 1179, Stop: 2639, Start Num: 193
Candidate Starts for Clownery_3:
(Start: 193 @1179 has 146 MA's), (Start: 198 @1185 has 6 MA's), (325, 1347), (330, 1356), (377, 1416), (415, 1485), (431, 1506), (455, 1557), (606, 1761), (669, 1896), (744, 1974), (753, 1989), (765, 2007), (777, 2025), (804, 2067), (832, 2100), (840, 2118), (923, 2238), (925, 2241), (936, 2253), (943, 2265), (953, 2277), (990, 2328), (1028, 2385), (1031, 2391), (1038, 2400), (1044, 2409), (1045, 2412), (1186, 2574), (1199, 2583), (1205, 2592), (1232, 2631),

Gene: ClubL_30 Start: 8614, Stop: 10362, Start Num: 127
Candidate Starts for ClubL_30:
(Start: 127 @8614 has 26 MA's), (153, 8644), (280, 8773), (419, 8959), (433, 8998), (447, 9022), (459, 9052), (478, 9070), (496, 9097), (511, 9127), (619, 9319), (627, 9337), (704, 9499), (756, 9547), (766, 9562), (901, 9745), (905, 9751), (957, 9835), (991, 9922), (1016, 9955), (1084, 10069), (1115, 10105), (1134, 10129), (1159, 10144), (1273, 10318), (1278, 10324),

Gene: ClubPenguin_6 Start: 3285, Stop: 5027, Start Num: 217
Candidate Starts for ClubPenguin_6:
(Start: 217 @3285 has 209 MA's), (287, 3384), (458, 3681), (504, 3759), (523, 3777), (525, 3780), (592, 3921), (596, 3933), (604, 3951), (636, 4032), (713, 4212), (728, 4236), (748, 4272), (804, 4365), (859, 4434), (949, 4557), (967, 4575), (1000, 4644), (1003, 4647), (1038, 4698), (1182, 4875), (1196, 4887), (1246, 4980),

Gene: CocoCinnamon_5 Start: 1288, Stop: 2880, Start Num: 197
Candidate Starts for CocoCinnamon_5:

(Start: 194 @1285 has 13 MA's), (Start: 197 @1288 has 23 MA's), (377, 1504), (396, 1543), (400, 1549), (409, 1567), (414, 1573), (467, 1663), (510, 1720), (584, 1798), (586, 1804), (607, 1864), (640, 1936), (643, 1945), (647, 1954), (734, 2056), (740, 2068), (797, 2152), (832, 2191), (905, 2296), (953, 2368), (977, 2404), (1015, 2476), (1030, 2503), (1058, 2542), (1101, 2590), (1246, 2785), (1249, 2791), (1269, 2830), (1306, 2869), (1310, 2875),

Gene: CocoaPuff_3 Start: 903, Stop: 2579, Start Num: 176
Candidate Starts for CocoaPuff_3:
(Start: 176 @903 has 83 MA's), (Start: 224 @954 has 17 MA's), (237, 975), (295, 1020), (325, 1062), (350, 1098), (394, 1164), (450, 1260), (468, 1296), (476, 1305), (480, 1308), (507, 1356), (518, 1368), (572, 1455), (654, 1635), (687, 1689), (791, 1869), (814, 1902), (890, 1968), (917, 2034), (920, 2040), (988, 2124), (1038, 2205), (1061, 2238), (1116, 2307), (1196, 2385), (1198, 2388), (1249, 2478), (1253, 2484), (1265, 2505), (1269, 2511), (1311, 2565), (1313, 2568),

Gene: Cocoaberry_11 Start: 6888, Stop: 8585, Start Num: 102
Candidate Starts for Cocoaberry_11:
(Start: 102 @6888 has 391 MA's), (Start: 126 @6912 has 206 MA's), (Start: 239 @7035 has 2 MA's), (339, 7125), (363, 7158), (426, 7257), (473, 7341), (476, 7344), (503, 7383), (558, 7452), (569, 7476), (593, 7542), (634, 7632), (720, 7797), (778, 7884), (798, 7917), (864, 7983), (913, 8055), (915, 8058), (928, 8082), (980, 8133), (988, 8148), (1007, 8187), (1026, 8208), (1096, 8304), (1269, 8541), (1292, 8571), (1294, 8574),

Gene: Coeur_2 Start: 583, Stop: 1917, Start Num: 290
Candidate Starts for Coeur_2:
(Start: 244 @517 has 5 MA's), (Start: 290 @583 has 2 MA's), (Start: 314 @610 has 1 MA's), (377, 685), (381, 694), (395, 721), (396, 724), (402, 736), (414, 754), (452, 814), (454, 823), (455, 826), (596, 1027), (829, 1351), (866, 1399), (876, 1414), (895, 1438), (898, 1444), (904, 1453), (912, 1471), (983, 1561), (1028, 1627), (1061, 1672), (1096, 1723), (1128, 1768), (1152, 1795), (1199, 1858), (1227, 1900),

Gene: CoffeeBean_28 Start: 13981, Stop: 15654, Start Num: 126
Candidate Starts for CoffeeBean_28:
(Start: 126 @13981 has 206 MA's), (270, 14125), (317, 14176), (433, 14350), (445, 14371), (454, 14395), (474, 14422), (499, 14455), (538, 14521), (567, 14569), (597, 14632), (612, 14659), (695, 14827), (699, 14839), (798, 14950), (833, 15001), (916, 15100), (973, 15199), (980, 15211), (992, 15238), (996, 15250), (1007, 15265), (1061, 15340), (1084, 15373), (1112, 15406), (1202, 15490), (1214, 15511), (1246, 15559), (1290, 15634),

Gene: CogOmlette_10 Start: 6185, Stop: 7972, Start Num: 103
Candidate Starts for CogOmlette_10:
(Start: 103 @6185 has 278 MA's), (Start: 231 @6314 has 26 MA's), (288, 6413), (406, 6575), (422, 6608), (445, 6647), (476, 6701), (503, 6740), (558, 6812), (593, 6902), (603, 6926), (663, 7043), (673, 7058), (727, 7166), (776, 7241), (839, 7340), (869, 7373), (920, 7457), (936, 7478), (980, 7520), (988, 7535), (992, 7547), (1007, 7574), (1026, 7595), (1061, 7649), (1096, 7691), (1182, 7781), (1198, 7799), (1230, 7850), (1269, 7928), (1290, 7955), (1292, 7958),

Gene: Colbster_13 Start: 6957, Stop: 8657, Start Num: 104
Candidate Starts for Colbster_13:
(Start: 104 @6957 has 125 MA's), (151, 7005), (292, 7140), (426, 7332), (476, 7419), (593, 7617), (634, 7707), (671, 7770), (760, 7932), (915, 8130), (928, 8154), (930, 8157), (988, 8220), (995, 8241), (1026, 8280), (1096, 8376), (1134, 8430), (1182, 8466), (1269, 8613), (1292, 8643), (1294, 8646),

Gene: Cole_4 Start: 1595, Stop: 3295, Start Num: 197

Candidate Starts for Cole_4:
(Start: 180 @1574 has 11 MA's), (Start: 197 @1595 has 23 MA's), (282, 1718), (Start: 300 @1739 has 12 MA's), (312, 1754), (330, 1787), (377, 1832), (379, 1835), (400, 1877), (404, 1886), (409, 1895), (412, 1898), (414, 1901), (431, 1922), (455, 1973), (491, 2024), (554, 2078), (586, 2132), (607, 2192), (636, 2252), (643, 2273), (768, 2504), (815, 2570), (829, 2585), (914, 2756), (953, 2804), (963, 2813), (986, 2855), (1015, 2888), (1038, 2927), (1096, 2969), (1182, 3059), (1203, 3086), (1205, 3089), (1246, 3158), (1292, 3236), (1318, 3284),

Gene: Colin_15 Start: 9101, Stop: 10888, Start Num: 103
Candidate Starts for Colin_15:
(Start: 103 @9101 has 278 MA's), (Start: 206 @9209 has 29 MA's), (226, 9230), (288, 9338), (325, 9389), (350, 9425), (406, 9500), (473, 9620), (476, 9623), (558, 9731), (571, 9758), (593, 9821), (603, 9845), (673, 9977), (915, 10364), (992, 10463), (1007, 10490), (1015, 10493), (1026, 10511), (1096, 10607), (1269, 10844), (1290, 10871), (1292, 10874), (1294, 10877), (1296, 10880),

Gene: Colleen_3 Start: 1236, Stop: 2873, Start Num: 150
Candidate Starts for Colleen_3:
(Start: 150 @1236 has 4 MA's), (Start: 176 @1260 has 83 MA's), (Start: 241 @1338 has 2 MA's), (320, 1404), (383, 1503), (394, 1521), (406, 1530), (409, 1536), (431, 1584), (434, 1590), (443, 1599), (462, 1641), (465, 1647), (468, 1650), (476, 1659), (532, 1737), (590, 1854), (594, 1866), (595, 1869), (603, 1878), (634, 1941), (673, 2013), (687, 2046), (758, 2124), (848, 2235), (892, 2280), (984, 2412), (988, 2418), (1071, 2550), (1096, 2589), (1182, 2679), (1203, 2706), (1249, 2787), (1256, 2802), (1257, 2805), (1262, 2814), (1300, 2862),

Gene: Coltrane_2 Start: 593, Stop: 2155, Start Num: 211
Candidate Starts for Coltrane_2:
(Start: 211 @593 has 88 MA's), (Start: 297 @701 has 2 MA's), (330, 749), (409, 857), (414, 863), (426, 872), (429, 878), (430, 881), (485, 977), (554, 1040), (607, 1154), (636, 1214), (642, 1232), (791, 1460), (829, 1505), (914, 1643), (1189, 1970), (1310, 2144), (1314, 2147),

Gene: Colusalem_3 Start: 849, Stop: 2330, Start Num: 300
Candidate Starts for Colusalem_3:
(Start: 164 @684 has 12 MA's), (Start: 300 @849 has 12 MA's), (325, 888), (374, 939), (381, 951), (400, 987), (409, 1005), (554, 1188), (607, 1302), (619, 1314), (636, 1362), (643, 1383), (651, 1398), (682, 1455), (905, 1770), (949, 1836), (980, 1881), (1014, 1920), (1020, 1932), (1030, 1953), (1063, 1998), (1093, 2028), (1126, 2073), (1157, 2115), (1182, 2142), (1184, 2145), (1246, 2238), (1249, 2244), (1259, 2265), (1265, 2277), (1304, 2316), (1306, 2319),

Gene: Commandaria_26 Start: 13436, Stop: 15160, Start Num: 126
Candidate Starts for Commandaria_26:
(Start: 126 @13436 has 206 MA's), (270, 13586), (319, 13643), (337, 13670), (346, 13682), (361, 13712), (365, 13721), (410, 13802), (433, 13862), (544, 14039), (597, 14144), (612, 14171), (643, 14255), (695, 14339), (699, 14351), (716, 14384), (798, 14462), (937, 14645), (973, 14708), (988, 14735), (996, 14759), (1031, 14807), (1038, 14816), (1084, 14882), (1121, 14930), (1219, 15026), (1243, 15062), (1246, 15068), (1261, 15098), (1284, 15137),

Gene: Commander_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Commander_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Community_3 Start: 1606, Stop: 3312, Start Num: 101
Candidate Starts for Community_3:
(Start: 101 @1606 has 50 MA's), (476, 2035), (512, 2083), (572, 2173), (631, 2305), (646, 2347), (828, 2599), (915, 2722), (1064, 2941), (1096, 2977), (1106, 2992), (1196, 3127), (1251, 3223), (1256, 3235),

Gene: Conan_7 Start: 2225, Stop: 3871, Start Num: 75
Candidate Starts for Conan_7:
(Start: 70 @2216 has 1 MA's), (Start: 75 @2225 has 95 MA's), (Start: 78 @2228 has 1 MA's), (Start: 92 @2243 has 10 MA's), (325, 2447), (350, 2483), (382, 2528), (443, 2621), (450, 2636), (462, 2663), (468, 2672), (480, 2684), (543, 2771), (571, 2819), (593, 2867), (638, 2966), (663, 3005), (751, 3119), (763, 3140), (786, 3179), (866, 3260), (915, 3329), (917, 3335), (927, 3350), (980, 3413), (1062, 3545), (1096, 3587), (1116, 3614), (1130, 3632), (1184, 3680), (1251, 3788),

Gene: ConceptII_11 Start: 7225, Stop: 8913, Start Num: 102
Candidate Starts for ConceptII_11:
(Start: 102 @7225 has 391 MA's), (363, 7489), (379, 7513), (476, 7675), (500, 7708), (558, 7783), (593, 7873), (603, 7897), (621, 7924), (637, 7972), (720, 8128), (760, 8188), (930, 8413), (939, 8422), (952, 8434), (988, 8476), (995, 8497), (1020, 8524), (1096, 8632), (1182, 8722), (1246, 8827),

Gene: Concrete_3 Start: 1125, Stop: 2585, Start Num: 193
Candidate Starts for Concrete_3:
(Start: 193 @1125 has 146 MA's), (Start: 198 @1131 has 6 MA's), (325, 1293), (330, 1302), (377, 1362), (415, 1431), (431, 1452), (455, 1503), (606, 1707), (669, 1842), (744, 1920), (753, 1935), (777, 1971), (804, 2013), (832, 2046), (840, 2064), (923, 2184), (925, 2187), (936, 2199), (990, 2274), (1031, 2337), (1044, 2355), (1045, 2358), (1186, 2520), (1199, 2529), (1232, 2577),

Gene: Confidence_2 Start: 485, Stop: 2284, Start Num: 113
Candidate Starts for Confidence_2:
(Start: 113 @485 has 24 MA's), (240, 623), (343, 782), (350, 797), (414, 881), (429, 911), (434, 923), (443, 932), (460, 971), (476, 992), (541, 1076), (580, 1148), (596, 1184), (614, 1220), (647, 1310), (663, 1331), (687, 1382), (705, 1415), (868, 1589), (892, 1616), (930, 1685), (936, 1691), (988, 1757), (992, 1769), (1007, 1796), (1064, 1907), (1086, 1943), (1096, 1955), (1111, 1979), (1128, 2006), (1143, 2030), (1189, 2093), (1217, 2135), (1249, 2192), (1256, 2207), (1265, 2222), (1267, 2225), (1300, 2270), (1302, 2273),

Gene: Conley_13 Start: 7525, Stop: 9270, Start Num: 217
Candidate Starts for Conley_13:
(Start: 217 @7525 has 209 MA's), (222, 7531), (280, 7618), (287, 7624), (315, 7660), (343, 7714), (393, 7810), (458, 7921), (504, 7999), (523, 8017), (525, 8020), (561, 8089), (604, 8191), (621, 8227), (628, 8248), (636, 8272), (660, 8329), (680, 8377), (709, 8443), (728, 8476), (748, 8512), (761, 8533), (765, 8539), (804, 8605), (949, 8800), (988, 8857), (991, 8866), (1000, 8887), (1003, 8890), (1043, 8950), (1125, 9061), (1182, 9118), (1196, 9130), (1224, 9175), (1226, 9178), (1244, 9220), (1246, 9223),

Gene: Connomayer_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Connomayer_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Conquerage_13 Start: 8154, Stop: 9926, Start Num: 117
Candidate Starts for Conquerage_13:
(Start: 103 @8139 has 278 MA's), (Start: 117 @8154 has 12 MA's), (Start: 123 @8160 has 9 MA's), (Start: 231 @8271 has 26 MA's), (288, 8370), (406, 8532), (445, 8604), (476, 8658), (503, 8697), (558, 8769), (593, 8859), (603, 8883), (663, 9000), (673, 9015), (727, 9123), (776, 9198), (798, 9234), (837, 9294), (920, 9414), (936, 9435), (980, 9474), (1007, 9528), (1015, 9531), (1026, 9549), (1061, 9603), (1086, 9633), (1096, 9645), (1182, 9735), (1198, 9753), (1269, 9882), (1290, 9909), (1292, 9912),

Gene: Conspiracy_9 Start: 5979, Stop: 7757, Start Num: 53
Candidate Starts for Conspiracy_9:
(Start: 53 @5979 has 20 MA's), (Start: 63 @6006 has 32 MA's), (114, 6075), (Start: 154 @6114 has 1 MA's), (228, 6189), (Start: 231 @6195 has 26 MA's), (350, 6327), (406, 6402), (407, 6405), (489, 6540), (521, 6579), (536, 6603), (593, 6711), (613, 6756), (643, 6834), (646, 6840), (743, 7005), (763, 7038), (778, 7059), (915, 7233), (928, 7257), (930, 7260), (988, 7320), (992, 7332), (1007, 7359), (1026, 7380), (1086, 7464), (1096, 7476), (1269, 7713), (1294, 7746), (1299, 7752),

Gene: Constance_2 Start: 626, Stop: 2374, Start Num: 236
Candidate Starts for Constance_2:
(189, 575), (213, 602), (Start: 236 @626 has 15 MA's), (295, 719), (382, 860), (385, 866), (403, 899), (405, 902), (419, 920), (439, 962), (498, 1064), (510, 1076), (536, 1115), (548, 1136), (567, 1169), (590, 1223), (603, 1256), (605, 1262), (664, 1364), (691, 1421), (697, 1436), (723, 1475), (784, 1571), (907, 1748), (913, 1763), (924, 1787), (1026, 1970), (1041, 1997), (1056, 2021), (1064, 2039), (1088, 2069), (1129, 2126), (1150, 2153), (1177, 2177), (1185, 2186), (1226, 2237), (1251, 2291),

Gene: Coog_9 Start: 6156, Stop: 7907, Start Num: 63
Candidate Starts for Coog_9:
(Start: 53 @6129 has 20 MA's), (Start: 63 @6156 has 32 MA's), (114, 6225), (228, 6339), (Start: 231 @6345 has 26 MA's), (350, 6477), (406, 6552), (407, 6555), (426, 6588), (445, 6621), (521, 6729), (536, 6753), (558, 6786), (593, 6861), (613, 6906), (643, 6984), (646, 6990), (743, 7155), (763, 7188), (778, 7209), (915, 7383), (928, 7407), (930, 7410), (988, 7470), (992, 7482), (1007, 7509), (1026, 7530), (1086, 7614), (1096, 7626), (1269, 7863), (1294, 7896), (1299, 7902),

Gene: Cookiedough_15 Start: 7523, Stop: 9277, Start Num: 103
Candidate Starts for Cookiedough_15:
(Start: 103 @7523 has 278 MA's), (288, 7754), (325, 7805), (350, 7841), (406, 7916), (476, 8039), (503, 8078), (558, 8147), (569, 8171), (571, 8174), (593, 8237), (603, 8261), (671, 8390), (673, 8393), (729, 8504), (855, 8666), (915, 8753), (920, 8765), (928, 8777), (980, 8825), (988, 8840), (1007, 8879), (1026, 8900), (1086, 8984), (1096, 8996), (1269, 9233), (1290, 9260), (1292, 9263),

Gene: Coral_3 Start: 684, Stop: 2330, Start Num: 164
Candidate Starts for Coral_3:
(Start: 164 @684 has 12 MA's), (Start: 300 @849 has 12 MA's), (325, 888), (374, 939), (381, 951), (400, 987), (409, 1005), (554, 1188), (607, 1302), (619, 1314), (622, 1320), (636, 1362), (643, 1383), (651, 1398), (682, 1455), (905, 1770), (949, 1836), (980, 1881), (1014, 1920), (1020, 1932), (1030, 1953), (1063, 1998), (1093, 2028), (1126, 2073), (1157, 2115), (1182, 2142), (1184, 2145), (1246, 2238), (1249, 2244), (1259, 2265), (1265, 2277), (1304, 2316), (1306, 2319),

Gene: Corazon_33 Start: 11073, Stop: 12815, Start Num: 176
Candidate Starts for Corazon_33:
(Start: 176 @11073 has 83 MA's), (292, 11190), (325, 11235), (354, 11301), (358, 11316), (379, 11349), (380, 11352), (388, 11367), (407, 11391), (409, 11394), (426, 11424), (436, 11445), (443, 11463), (447, 11472), (463, 11508), (476, 11523), (507, 11568), (543, 11610), (565, 11649), (572,

11661), (582, 11682), (604, 11733), (621, 11754), (747, 11976), (814, 12081), (821, 12090), (871, 12123), (890, 12144), (892, 12147), (908, 12174), (915, 12204), (920, 12216), (930, 12231), (939, 12240), (943, 12246), (971, 12288), (983, 12297), (990, 12312), (995, 12327), (1038, 12387), (1061, 12426), (1089, 12459), (1112, 12489), (1115, 12492), (1163, 12576), (1196, 12630), (1205, 12645), (1224, 12672), (1251, 12726), (1309, 12798), (1311, 12801),

Gene: Coriander_2 Start: 586, Stop: 2193, Start Num: 175
Candidate Starts for Coriander_2:
(Start: 175 @586 has 14 MA's), (331, 769), (414, 886), (431, 904), (454, 952), (509, 1024), (607, 1177), (630, 1219), (679, 1312), (698, 1354), (702, 1363), (736, 1414), (752, 1444), (754, 1447), (794, 1510), (815, 1543), (835, 1570), (893, 1648), (952, 1735), (969, 1759), (1030, 1852), (1031, 1855), (1044, 1873), (1118, 1957),

Gene: Corium_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Corium_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Cornie_2 Start: 553, Stop: 2274, Start Num: 176
Candidate Starts for Cornie_2:
(Start: 176 @553 has 83 MA's), (Start: 224 @604 has 17 MA's), (Start: 231 @616 has 26 MA's), (Start: 239 @628 has 2 MA's), (250, 643), (292, 664), (333, 718), (343, 733), (350, 748), (352, 751), (380, 787), (383, 796), (406, 823), (407, 826), (442, 892), (445, 901), (450, 910), (468, 946), (471, 949), (476, 955), (480, 958), (489, 970), (515, 1009), (518, 1012), (558, 1063), (582, 1114), (593, 1138), (634, 1225), (658, 1279), (687, 1330), (699, 1351), (706, 1366), (729, 1405), (730, 1408), (747, 1438), (751, 1444), (814, 1543), (874, 1609), (904, 1651), (913, 1687), (939, 1726), (947, 1741), (988, 1828), (991, 1837), (994, 1846), (1015, 1870), (1059, 1942), (1064, 1954), (1119, 2023), (1128, 2032), (1185, 2083), (1196, 2095), (1198, 2098), (1251, 2191), (1253, 2194), (1261, 2212),

Gene: Correa_8 Start: 3847, Stop: 5601, Start Num: 217
Candidate Starts for Correa_8:
(172, 3793), (Start: 211 @3841 has 88 MA's), (Start: 217 @3847 has 209 MA's), (280, 3940), (287, 3946), (446, 4213), (458, 4243), (482, 4273), (504, 4321), (523, 4339), (525, 4342), (547, 4384), (604, 4513), (680, 4699), (728, 4798), (770, 4870), (804, 4927), (859, 5005), (868, 5017), (949, 5131), (967, 5149), (990, 5194), (1000, 5218), (1003, 5221), (1030, 5260), (1131, 5401), (1179, 5446), (1182, 5449), (1196, 5461), (1226, 5509), (1242, 5542), (1244, 5551), (1246, 5554),

Gene: Corvo_11 Start: 7169, Stop: 8857, Start Num: 102
Candidate Starts for Corvo_11:
(Start: 102 @7169 has 391 MA's), (Start: 302 @7349 has 3 MA's), (363, 7433), (383, 7469), (476, 7619), (558, 7727), (593, 7817), (603, 7841), (621, 7868), (637, 7916), (679, 7985), (714, 8060), (720, 8072), (760, 8132), (930, 8357), (939, 8366), (952, 8378), (988, 8420), (995, 8441), (1020, 8468), (1096, 8576), (1182, 8666), (1246, 8771),

Gene: CosmicBrownie_2 Start: 690, Stop: 2330, Start Num: 241
Candidate Starts for CosmicBrownie_2:

(Start: 160 @597 has 5 MA's), (Start: 241 @690 has 2 MA's), (Start: 244 @693 has 5 MA's), (295, 783), (315, 807), (335, 843), (337, 846), (369, 906), (426, 1014), (476, 1101), (538, 1188), (590, 1278), (607, 1320), (623, 1341), (635, 1377), (737, 1512), (747, 1518), (771, 1557), (814, 1626), (892, 1692), (899, 1704), (917, 1740), (955, 1788), (977, 1824), (1007, 1881), (1016, 1884), (1046, 1944), (1094, 2028), (1198, 2154), (1246, 2235), (1267, 2277), (1292, 2316),

Gene: CosmicSans_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for CosmicSans_8:
(Start: 104 @3156 has 125 MA's), (Start: 302 @3342 has 3 MA's), (350, 3414), (363, 3426), (379, 3450), (383, 3462), (476, 3615), (489, 3630), (536, 3690), (593, 3798), (621, 3855), (718, 4053), (729, 4071), (763, 4125), (892, 4269), (913, 4308), (915, 4311), (936, 4344), (992, 4413), (1096, 4557), (1130, 4602), (1196, 4662), (1251, 4761), (1269, 4794), (1290, 4821), (1292, 4824), (1294, 4827),

Gene: Cosmo_26 Start: 8131, Stop: 9744, Start Num: 165
Candidate Starts for Cosmo_26:
(Start: 165 @8131 has 5 MA's), (284, 8281), (Start: 302 @8299 has 3 MA's), (Start: 324 @8332 has 4 MA's), (330, 8344), (380, 8395), (381, 8398), (406, 8446), (409, 8452), (440, 8491), (442, 8494), (454, 8527), (502, 8596), (557, 8662), (566, 8680), (582, 8704), (585, 8710), (631, 8815), (646, 8857), (658, 8875), (662, 8884), (792, 9088), (795, 9094), (822, 9127), (953, 9292), (963, 9301), (966, 9307), (968, 9310), (1003, 9385), (1028, 9418), (1038, 9433), (1111, 9514), (1224, 9667), (1235, 9688), (1239, 9691),

Gene: Cote_4 Start: 1013, Stop: 2494, Start Num: 300
Candidate Starts for Cote_4:
(Start: 164 @848 has 12 MA's), (Start: 300 @1013 has 12 MA's), (325, 1052), (374, 1103), (381, 1115), (400, 1151), (409, 1169), (554, 1352), (607, 1466), (619, 1478), (636, 1526), (643, 1547), (651, 1562), (682, 1619), (905, 1934), (949, 2000), (962, 2012), (980, 2045), (1014, 2084), (1017, 2093), (1020, 2096), (1063, 2162), (1093, 2192), (1126, 2237), (1157, 2279), (1182, 2306), (1184, 2309), (1246, 2402), (1249, 2408), (1259, 2429), (1265, 2441), (1304, 2480), (1306, 2483),

Gene: Count_11 Start: 4422, Stop: 6167, Start Num: 216
Candidate Starts for Count_11:
(Start: 216 @4422 has 2 MA's), (Start: 244 @4461 has 5 MA's), (252, 4476), (Start: 255 @4479 has 1 MA's), (280, 4515), (287, 4521), (430, 4755), (446, 4788), (458, 4818), (504, 4896), (604, 5088), (625, 5133), (680, 5274), (699, 5319), (713, 5349), (728, 5373), (770, 5445), (804, 5502), (859, 5571), (868, 5583), (944, 5694), (967, 5715), (989, 5757), (1000, 5784), (1003, 5787), (1007, 5793), (1182, 6015), (1196, 6027), (1244, 6117), (1246, 6120),

Gene: Courthouse_10 Start: 3708, Stop: 5240, Start Num: 232
Candidate Starts for Courthouse_10:
(Start: 196 @3666 has 1 MA's), (207, 3675), (Start: 232 @3708 has 12 MA's), (323, 3822), (360, 3885), (380, 3918), (404, 3966), (452, 4041), (476, 4077), (550, 4152), (552, 4155), (573, 4191), (588, 4224), (713, 4473), (767, 4536), (783, 4563), (900, 4722), (918, 4758), (952, 4788), (962, 4797), (990, 4851), (1000, 4875), (1186, 5109), (1202, 5121),

Gene: Cozz_4 Start: 1113, Stop: 2792, Start Num: 176
Candidate Starts for Cozz_4:
(Start: 176 @1113 has 83 MA's), (Start: 224 @1164 has 17 MA's), (237, 1185), (Start: 239 @1188 has 2 MA's), (295, 1230), (350, 1311), (394, 1377), (406, 1386), (443, 1458), (450, 1473), (468, 1509), (476, 1518), (507, 1569), (572, 1668), (596, 1722), (619, 1758), (687, 1902), (706, 1938), (729, 1977), (747, 2010), (778, 2058), (798, 2091), (814, 2115), (863, 2148), (890, 2181), (913, 2238), (917, 2247), (984, 2331), (995, 2358), (1038, 2418), (1112, 2514), (1185, 2586), (1196, 2598), (1265, 2718), (1311, 2778), (1313, 2781),

Gene: Cracklewink_9 Start: 4723, Stop: 6342, Start Num: 141
Candidate Starts for Cracklewink_9:
(Start: 141 @4723 has 6 MA's), (Start: 238 @4831 has 3 MA's), (Start: 324 @4942 has 4 MA's), (430, 5119), (431, 5122), (461, 5182), (510, 5248), (512, 5251), (573, 5311), (575, 5317), (635, 5449), (636, 5452), (646, 5479), (759, 5581), (804, 5650), (812, 5662), (836, 5698), (842, 5707), (853, 5722), (856, 5728), (896, 5785), (908, 5803), (923, 5836), (943, 5860), (952, 5869), (963, 5878), (996, 5947), (1037, 6016), (1040, 6019), (1074, 6061), (1147, 6139), (1192, 6169), (1221, 6211), (1245, 6253), (1254, 6268),

Gene: Crater_2 Start: 486, Stop: 2147, Start Num: 176
Candidate Starts for Crater_2:
(Start: 53 @324 has 20 MA's), (68, 357), (Start: 70 @360 has 1 MA's), (83, 378), (Start: 105 @411 has 1 MA's), (Start: 113 @420 has 24 MA's), (Start: 142 @453 has 1 MA's), (Start: 176 @486 has 83 MA's), (Start: 224 @537 has 17 MA's), (Start: 231 @549 has 26 MA's), (250, 576), (343, 666), (394, 747), (406, 756), (407, 759), (426, 792), (450, 843), (468, 879), (471, 882), (476, 888), (489, 903), (491, 906), (503, 924), (515, 942), (558, 996), (582, 1047), (593, 1071), (634, 1158), (665, 1218), (673, 1227), (687, 1263), (706, 1299), (729, 1338), (730, 1341), (747, 1371), (849, 1503), (863, 1509), (908, 1572), (913, 1599), (928, 1626), (930, 1629), (943, 1644), (988, 1701), (1007, 1740), (1064, 1821), (1091, 1851), (1140, 1914), (1196, 1962), (1198, 1965), (1251, 2058), (1253, 2061), (1261, 2079), (1269, 2088), (1279, 2100), (1313, 2136),

Gene: Crewmate_3 Start: 949, Stop: 2655, Start Num: 101
Candidate Starts for Crewmate_3:
(Start: 101 @949 has 50 MA's), (Start: 122 @970 has 16 MA's), (Start: 239 @1060 has 2 MA's), (320, 1129), (444, 1321), (476, 1378), (512, 1426), (572, 1516), (596, 1570), (619, 1615), (646, 1690), (828, 1942), (1038, 2245), (1064, 2284), (1096, 2320), (1106, 2335), (1196, 2470), (1251, 2566), (1256, 2578),

Gene: CricKo_7 Start: 3414, Stop: 5153, Start Num: 217
Candidate Starts for CricKo_7:
(Start: 214 @3411 has 4 MA's), (Start: 217 @3414 has 209 MA's), (222, 3420), (252, 3468), (Start: 255 @3471 has 1 MA's), (280, 3507), (287, 3513), (Start: 366 @3651 has 1 MA's), (387, 3687), (393, 3699), (504, 3882), (525, 3903), (574, 3996), (580, 4005), (596, 4056), (604, 4074), (728, 4359), (804, 4488), (859, 4557), (921, 4647), (940, 4674), (967, 4701), (1000, 4770), (1003, 4773), (1031, 4815), (1038, 4824), (1131, 4953), (1161, 4980), (1182, 5001), (1196, 5013), (1207, 5031), (1244, 5103), (1246, 5106), (1253, 5118),

Gene: Crispicous1_10 Start: 6453, Stop: 8141, Start Num: 102
Candidate Starts for Crispicous1_10:
(Start: 102 @6453 has 391 MA's), (363, 6717), (379, 6741), (476, 6903), (500, 6936), (558, 7011), (593, 7101), (603, 7125), (621, 7152), (637, 7200), (679, 7269), (720, 7356), (760, 7416), (939, 7650), (952, 7662), (988, 7704), (995, 7725), (1020, 7752), (1096, 7860), (1182, 7950), (1246, 8055),

Gene: CristinaYang_2 Start: 426, Stop: 1991, Start Num: 155
Candidate Starts for CristinaYang_2:
(Start: 155 @426 has 82 MA's), (253, 549), (Start: 302 @603 has 3 MA's), (Start: 324 @636 has 4 MA's), (325, 639), (374, 690), (380, 699), (396, 732), (404, 747), (409, 756), (430, 780), (540, 942), (607, 1077), (623, 1098), (636, 1137), (740, 1236), (759, 1266), (768, 1281), (786, 1314), (815, 1362), (825, 1371), (883, 1449), (905, 1485), (923, 1524), (963, 1566), (977, 1593), (1020, 1647), (1044, 1689), (1111, 1734), (1126, 1755), (1141, 1779), (1222, 1857),

Gene: CroZenni_3 Start: 689, Stop: 2317, Start Num: 211

Candidate Starts for CroZenni_3:
(Start: 211 @689 has 88 MA's), (330, 845), (409, 953), (459, 1037), (479, 1061), (489, 1079), (554, 1136), (585, 1187), (586, 1190), (607, 1250), (622, 1268), (632, 1298), (642, 1328), (949, 1784), (963, 1799), (1222, 2150), (1249, 2198), (1318, 2306),

Gene: Crocheter_16 Start: 9229, Stop: 10974, Start Num: 217
Candidate Starts for Crocheter_16:
(Start: 217 @9229 has 209 MA's), (222, 9235), (287, 9328), (315, 9364), (343, 9418), (353, 9448), (446, 9595), (504, 9703), (523, 9721), (525, 9724), (561, 9793), (596, 9877), (604, 9895), (628, 9952), (680, 10081), (728, 10180), (731, 10186), (791, 10285), (804, 10309), (940, 10495), (949, 10504), (991, 10570), (1000, 10591), (1003, 10594), (1131, 10774), (1179, 10819), (1182, 10822), (1196, 10834), (1244, 10924), (1246, 10927),

Gene: Croquant_14 Start: 6955, Stop: 8655, Start Num: 104
Candidate Starts for Croquant_14:
(Start: 104 @6955 has 125 MA's), (151, 7003), (292, 7138), (426, 7330), (476, 7417), (593, 7615), (634, 7705), (671, 7768), (760, 7930), (915, 8128), (928, 8152), (930, 8155), (988, 8218), (995, 8239), (1026, 8278), (1096, 8374), (1134, 8428), (1182, 8464), (1269, 8611), (1292, 8641), (1294, 8644),

Gene: Crossroads_4 Start: 1069, Stop: 2637, Start Num: 149
Candidate Starts for Crossroads_4:
(Start: 149 @1069 has 70 MA's), (Start: 155 @1075 has 82 MA's), (271, 1231), (484, 1528), (488, 1534), (533, 1594), (582, 1666), (585, 1672), (636, 1792), (659, 1840), (684, 1894), (700, 1918), (728, 1963), (733, 1969), (753, 1999), (757, 2005), (777, 2032), (782, 2041), (848, 2098), (855, 2104), (873, 2125), (876, 2131), (925, 2206), (927, 2209), (963, 2245), (990, 2290), (1031, 2356), (1093, 2431), (1114, 2449), (1118, 2458), (1241, 2605), (1252, 2629), (1254, 2632),

Gene: Crucio_12 Start: 7386, Stop: 9173, Start Num: 103
Candidate Starts for Crucio_12:
(Start: 103 @7386 has 278 MA's), (Start: 206 @7494 has 29 MA's), (226, 7515), (288, 7623), (406, 7785), (473, 7905), (476, 7908), (558, 8016), (593, 8106), (603, 8130), (663, 8247), (673, 8262), (857, 8562), (992, 8748), (1007, 8775), (1026, 8796), (1096, 8892), (1269, 9129), (1290, 9156), (1292, 9159),

Gene: Cruella_12 Start: 6699, Stop: 8765, Start Num: 5
Candidate Starts for Cruella_12:
(Start: 5 @6699 has 5 MA's), (13, 6756), (30, 6894), (33, 6924), (43, 6948), (Start: 106 @7065 has 2 MA's), (Start: 147 @7110 has 3 MA's), (Start: 202 @7173 has 4 MA's), (Start: 224 @7197 has 17 MA's), (Start: 239 @7221 has 2 MA's), (343, 7359), (349, 7374), (359, 7392), (361, 7395), (375, 7419), (384, 7437), (433, 7494), (435, 7497), (454, 7539), (473, 7566), (485, 7584), (503, 7611), (513, 7629), (516, 7632), (558, 7686), (597, 7770), (598, 7773), (608, 7794), (621, 7815), (646, 7887), (670, 7917), (695, 7968), (769, 8049), (792, 8082), (916, 8244), (992, 8346), (1007, 8373), (1020, 8382), (1094, 8493), (1166, 8556), (1246, 8667), (1251, 8676), (1301, 8757),

Gene: Crumble_2 Start: 573, Stop: 2210, Start Num: 126
Candidate Starts for Crumble_2:
(Start: 126 @573 has 206 MA's), (133, 582), (Start: 147 @597 has 3 MA's), (Start: 176 @618 has 83 MA's), (Start: 184 @630 has 3 MA's), (Start: 217 @654 has 209 MA's), (Start: 219 @657 has 2 MA's), (271, 720), (310, 759), (372, 846), (419, 906), (433, 918), (442, 930), (445, 939), (447, 942), (454, 963), (467, 984), (482, 999), (519, 1056), (543, 1095), (580, 1164), (584, 1170), (597, 1200), (598, 1203), (603, 1212), (612, 1227), (621, 1245), (638, 1296), (689, 1389), (695, 1398), (845, 1569), (859, 1581), (915, 1665), (934, 1695), (937, 1698), (940, 1701), (988, 1758), (993, 1773), (995, 1779), (996, 1782), (1007, 1797), (1020, 1806), (1062, 1875), (1082, 1905), (1084, 1914), (1112, 1947), (1140, 1980),

(1176, 2007), (1202, 2040), (1222, 2070), (1235, 2091), (1246, 2115), (1251, 2124), (1253, 2127), (1284, 2184),

Gene: Cubone_2 Start: 504, Stop: 2036, Start Num: 234
Candidate Starts for Cubone_2:
(Start: 231 @501 has 26 MA's), (Start: 234 @504 has 29 MA's), (243, 516), (Start: 245 @519 has 1 MA's), (282, 576), (Start: 297 @594 has 2 MA's), (309, 606), (368, 678), (380, 696), (390, 714), (400, 735), (443, 798), (459, 837), (487, 870), (508, 918), (573, 1002), (584, 1017), (601, 1068), (605, 1077), (623, 1101), (636, 1140), (637, 1143), (641, 1155), (713, 1281), (728, 1305), (769, 1368), (830, 1452), (886, 1524), (902, 1548), (925, 1590), (930, 1599), (977, 1656), (995, 1695), (1033, 1752), (1041, 1758), (1047, 1761), (1079, 1782), (1109, 1830), (1134, 1866), (1207, 1947), (1210, 1953),

Gene: Cuco_9 Start: 6160, Stop: 7938, Start Num: 53
Candidate Starts for Cuco_9:
(Start: 53 @6160 has 20 MA's), (Start: 63 @6187 has 32 MA's), (114, 6256), (228, 6370), (Start: 231 @6376 has 26 MA's), (350, 6508), (406, 6583), (407, 6586), (426, 6619), (445, 6652), (521, 6760), (536, 6784), (558, 6817), (593, 6892), (613, 6937), (643, 7015), (646, 7021), (763, 7219), (778, 7240), (915, 7414), (928, 7438), (930, 7441), (988, 7501), (992, 7513), (1007, 7540), (1026, 7561), (1086, 7645), (1096, 7657), (1269, 7894), (1294, 7927), (1299, 7933),

Gene: Cucurbita_32 Start: 9972, Stop: 11720, Start Num: 127
Candidate Starts for Cucurbita_32:
(Start: 127 @9972 has 26 MA's), (153, 10002), (280, 10131), (419, 10317), (433, 10356), (447, 10380), (459, 10410), (478, 10428), (496, 10455), (511, 10485), (619, 10677), (627, 10695), (704, 10857), (756, 10905), (766, 10920), (901, 11103), (905, 11109), (957, 11193), (991, 11280), (1016, 11313), (1084, 11427), (1115, 11463), (1134, 11487), (1159, 11502), (1273, 11676), (1278, 11682),

Gene: Cueylyss_11 Start: 7122, Stop: 8810, Start Num: 102
Candidate Starts for Cueylyss_11:
(Start: 102 @7122 has 391 MA's), (363, 7386), (379, 7410), (476, 7572), (500, 7605), (558, 7680), (593, 7770), (603, 7794), (621, 7821), (637, 7869), (720, 8025), (760, 8085), (873, 8217), (930, 8310), (939, 8319), (952, 8331), (988, 8373), (995, 8394), (1020, 8421), (1096, 8529), (1182, 8619), (1246, 8724),

Gene: Cullens_13 Start: 6955, Stop: 8655, Start Num: 104
Candidate Starts for Cullens_13:
(Start: 104 @6955 has 125 MA's), (151, 7003), (292, 7138), (426, 7330), (476, 7417), (501, 7453), (593, 7615), (634, 7705), (671, 7768), (760, 7930), (915, 8128), (928, 8152), (930, 8155), (988, 8218), (995, 8239), (1026, 8278), (1096, 8374), (1134, 8428), (1182, 8464), (1269, 8611), (1292, 8641), (1294, 8644),

Gene: Culver_30 Start: 8433, Stop: 10181, Start Num: 127
Candidate Starts for Culver_30:
(Start: 127 @8433 has 26 MA's), (153, 8463), (277, 8589), (280, 8592), (378, 8706), (419, 8778), (433, 8817), (447, 8841), (478, 8889), (496, 8916), (619, 9138), (627, 9156), (704, 9318), (756, 9366), (766, 9381), (901, 9564), (905, 9570), (957, 9654), (991, 9741), (1016, 9774), (1084, 9888), (1115, 9924), (1134, 9948), (1159, 9963), (1273, 10137), (1278, 10143),

Gene: CupcakePrincess_3 Start: 676, Stop: 2304, Start Num: 211
Candidate Starts for CupcakePrincess_3:
(Start: 211 @676 has 88 MA's), (330, 832), (409, 940), (459, 1024), (479, 1048), (554, 1123), (585, 1174), (586, 1177), (607, 1237), (622, 1255), (632, 1285), (642, 1315), (949, 1771), (963, 1786), (1222, 2137), (1318, 2293),

Gene: CurlyFries_6 Start: 3359, Stop: 4903, Start Num: 221
Candidate Starts for CurlyFries_6:
(Start: 221 @3359 has 5 MA's), (381, 3599), (457, 3734), (586, 3890), (588, 3902), (591, 3908), (601, 3935), (605, 3944), (627, 3986), (767, 4223), (819, 4298), (900, 4403), (1069, 4676), (1118, 4742), (1158, 4793), (1206, 4841), (1224, 4862),

Gene: Cyan_2 Start: 533, Stop: 2239, Start Num: 101
Candidate Starts for Cyan_2:
(12, 242), (14, 251), (Start: 101 @533 has 50 MA's), (444, 905), (476, 962), (512, 1010), (572, 1100), (596, 1154), (646, 1274), (699, 1364), (828, 1526), (915, 1649), (1096, 1904), (1106, 1919), (1144, 1973), (1196, 2054), (1244, 2138), (1256, 2162),

Gene: Cygnet_3 Start: 691, Stop: 2325, Start Num: 164
Candidate Starts for Cygnet_3:
(Start: 161 @688 has 1 MA's), (Start: 164 @691 has 12 MA's), (325, 889), (374, 940), (381, 952), (400, 988), (409, 1006), (414, 1012), (430, 1030), (554, 1189), (607, 1303), (636, 1363), (643, 1384), (651, 1399), (682, 1456), (768, 1582), (815, 1642), (873, 1723), (884, 1738), (896, 1759), (963, 1852), (980, 1882), (1014, 1921), (1017, 1930), (1030, 1954), (1058, 1993), (1063, 1999), (1147, 2101), (1157, 2110), (1162, 2116), (1182, 2137), (1184, 2140), (1203, 2164), (1244, 2230), (1246, 2233), (1306, 2314),

Gene: Cynthia_2 Start: 318, Stop: 1889, Start Num: 134
Candidate Starts for Cynthia_2:
(Start: 134 @318 has 105 MA's), (251, 426), (281, 474), (313, 504), (332, 537), (397, 621), (402, 630), (431, 666), (461, 726), (550, 816), (596, 912), (607, 936), (630, 978), (654, 1032), (679, 1071), (736, 1137), (741, 1149), (760, 1179), (783, 1212), (837, 1293), (873, 1338), (876, 1344), (895, 1365), (950, 1455), (986, 1500), (989, 1506), (1003, 1536), (1005, 1539), (1044, 1593), (1078, 1629), (1120, 1680), (1162, 1740), (1164, 1743), (1200, 1785), (1266, 1872),

Gene: CyranoPS_2 Start: 351, Stop: 1808, Start Num: 182
Candidate Starts for CyranoPS_2:
(Start: 182 @351 has 18 MA's), (189, 360), (Start: 194 @366 has 13 MA's), (454, 699), (464, 717), (577, 849), (596, 903), (629, 966), (742, 1119), (789, 1191), (829, 1239), (864, 1287), (908, 1350), (912, 1359), (988, 1461), (1024, 1518), (1061, 1569), (1069, 1581), (1199, 1755), (1205, 1764), (1227, 1797),

Gene: Czyszczon1_9 Start: 2465, Stop: 4135, Start Num: 301
Candidate Starts for Czyszczon1_9:
(Start: 301 @2465 has 48 MA's), (344, 2528), (479, 2762), (548, 2864), (632, 3044), (641, 3068), (650, 3086), (663, 3098), (694, 3161), (698, 3173), (725, 3218), (734, 3233), (784, 3311), (811, 3356), (845, 3410), (851, 3416), (917, 3530), (994, 3674), (1019, 3710), (1118, 3863), (1129, 3875), (1175, 3932), (1205, 3968), (1235, 4019), (1251, 4055), (1253, 4058), (1294, 4124),

Gene: D29_13 Start: 7375, Stop: 9162, Start Num: 103
Candidate Starts for D29_13:
(31, 7216), (34, 7243), (Start: 103 @7375 has 278 MA's), (Start: 206 @7483 has 29 MA's), (226, 7504), (262, 7570), (288, 7612), (350, 7699), (473, 7894), (476, 7897), (558, 8005), (593, 8095), (603, 8119), (646, 8218), (671, 8248), (673, 8251), (729, 8362), (857, 8551), (980, 8710), (988, 8725), (992, 8737), (1007, 8764), (1026, 8785), (1086, 8869), (1096, 8881), (1182, 8971), (1269, 9118), (1290, 9145), (1292, 9148),

Gene: D32_15 Start: 7375, Stop: 9162, Start Num: 103

Candidate Starts for D32_15:
(31, 7216), (34, 7243), (Start: 103 @7375 has 278 MA's), (Start: 206 @7483 has 29 MA's), (226, 7504), (262, 7570), (288, 7612), (350, 7699), (473, 7894), (476, 7897), (558, 8005), (593, 8095), (603, 8119), (646, 8218), (671, 8248), (673, 8251), (729, 8362), (857, 8551), (980, 8710), (988, 8725), (992, 8737), (1007, 8764), (1026, 8785), (1086, 8869), (1096, 8881), (1182, 8971), (1269, 9118), (1290, 9145), (1292, 9148),

Gene: DBQu4n_15 Start: 7375, Stop: 9162, Start Num: 103
Candidate Starts for DBQu4n_15:
(31, 7216), (34, 7243), (Start: 103 @7375 has 278 MA's), (Start: 206 @7483 has 29 MA's), (226, 7504), (262, 7570), (288, 7612), (350, 7699), (473, 7894), (476, 7897), (558, 8005), (593, 8095), (603, 8119), (646, 8218), (671, 8248), (673, 8251), (729, 8362), (857, 8551), (980, 8710), (988, 8725), (992, 8737), (1007, 8764), (1026, 8785), (1086, 8869), (1096, 8881), (1182, 8971), (1269, 9118), (1290, 9145), (1292, 9148),

Gene: DD5_12 Start: 7704, Stop: 9392, Start Num: 102
Candidate Starts for DD5_12:
(Start: 102 @7704 has 391 MA's), (363, 7968), (379, 7992), (476, 8154), (558, 8262), (593, 8352), (603, 8376), (621, 8403), (637, 8451), (679, 8520), (720, 8607), (727, 8616), (760, 8667), (939, 8901), (952, 8913), (988, 8955), (995, 8976), (1020, 9003), (1096, 9111), (1182, 9201), (1246, 9306),

Gene: DHan_4 Start: 1011, Stop: 2585, Start Num: 149
Candidate Starts for DHan_4:
(Start: 149 @1011 has 70 MA's), (Start: 155 @1017 has 82 MA's), (Start: 164 @1026 has 12 MA's), (271, 1173), (352, 1275), (379, 1299), (484, 1470), (488, 1476), (582, 1614), (585, 1620), (591, 1641), (599, 1665), (636, 1740), (659, 1788), (684, 1842), (700, 1866), (728, 1911), (733, 1917), (753, 1947), (757, 1953), (782, 1989), (848, 2046), (866, 2064), (876, 2079), (927, 2157), (963, 2193), (968, 2202), (990, 2238), (1031, 2304), (1093, 2379), (1114, 2397), (1118, 2406), (1241, 2553), (1252, 2577), (1254, 2580),

Gene: DLane_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for DLane_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1132, 1982), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: DRBy19_2 Start: 588, Stop: 2225, Start Num: 126
Candidate Starts for DRBy19_2:
(Start: 126 @588 has 206 MA's), (Start: 139 @603 has 1 MA's), (Start: 147 @612 has 3 MA's), (153, 618), (Start: 184 @645 has 3 MA's), (Start: 217 @669 has 209 MA's), (Start: 219 @672 has 2 MA's), (271, 735), (291, 753), (310, 774), (372, 861), (375, 867), (419, 921), (433, 933), (442, 945), (445, 954), (447, 957), (454, 978), (467, 999), (519, 1071), (543, 1110), (580, 1179), (584, 1185), (597, 1215), (598, 1218), (603, 1227), (612, 1242), (621, 1260), (638, 1311), (695, 1413), (845, 1584), (859, 1596), (915, 1680), (934, 1710), (937, 1713), (940, 1716), (988, 1773), (993, 1788), (995, 1794), (996, 1797), (1007, 1812), (1020, 1821), (1062, 1890), (1082, 1920), (1084, 1929), (1112, 1962), (1140, 1995), (1176, 2022), (1202, 2055), (1219, 2082), (1222, 2085), (1235, 2106), (1246, 2130), (1251, 2139), (1253, 2142), (1284, 2199),

Gene: DS6A_5 Start: 1816, Stop: 3612, Start Num: 100
Candidate Starts for DS6A_5:
(Start: 100 @1816 has 15 MA's), (Start: 113 @1834 has 24 MA's), (318, 2068), (350, 2119), (379, 2155), (406, 2194), (426, 2236), (443, 2263), (445, 2269), (447, 2272), (476, 2323), (525, 2380), (527, 2383), (580, 2482), (593, 2509), (619, 2566), (711, 2758), (763, 2800), (868, 2920), (870, 2923), (892, 2947), (915, 2989), (932, 3016), (942, 3031), (996, 3121), (1007, 3136), (1009, 3139), (1012, 3145), (1035, 3205), (1061, 3241), (1064, 3247), (1086, 3283), (1089, 3286), (1096, 3295), (1132, 3352), (1133, 3355), (1134, 3358), (1230, 3484), (1246, 3520), (1251, 3529), (1256, 3541), (1262, 3553), (1267, 3559), (1281, 3574),

Gene: DaHudson_13 Start: 6949, Stop: 8649, Start Num: 104
Candidate Starts for DaHudson_13:
(Start: 104 @6949 has 125 MA's), (151, 6997), (292, 7132), (426, 7324), (476, 7411), (593, 7609), (634, 7699), (671, 7762), (760, 7924), (915, 8122), (928, 8146), (930, 8149), (988, 8212), (995, 8233), (1026, 8272), (1096, 8368), (1134, 8422), (1182, 8458), (1269, 8605), (1292, 8635), (1294, 8638),

Gene: DaVinci_15 Start: 7534, Stop: 9288, Start Num: 103
Candidate Starts for DaVinci_15:
(Start: 103 @7534 has 278 MA's), (288, 7765), (325, 7816), (350, 7852), (406, 7927), (476, 8050), (503, 8089), (558, 8158), (569, 8182), (571, 8185), (593, 8248), (603, 8272), (646, 8371), (647, 8374), (671, 8401), (673, 8404), (864, 8689), (920, 8776), (928, 8788), (988, 8851), (1007, 8890), (1026, 8911), (1086, 8995), (1096, 9007), (1269, 9244), (1290, 9271), (1292, 9274),

Gene: DaddyRickover_2 Start: 571, Stop: 2208, Start Num: 126
Candidate Starts for DaddyRickover_2:
(Start: 126 @571 has 206 MA's), (133, 580), (Start: 147 @595 has 3 MA's), (Start: 217 @652 has 209 MA's), (Start: 219 @655 has 2 MA's), (271, 718), (310, 757), (372, 844), (419, 904), (433, 916), (442, 928), (445, 937), (447, 940), (454, 961), (467, 982), (519, 1054), (543, 1093), (580, 1162), (584, 1168), (597, 1198), (598, 1201), (603, 1210), (612, 1225), (621, 1243), (638, 1294), (689, 1387), (695, 1396), (845, 1567), (859, 1579), (915, 1663), (934, 1693), (937, 1696), (940, 1699), (988, 1756), (993, 1771), (995, 1777), (996, 1780), (1007, 1795), (1020, 1804), (1062, 1873), (1082, 1903), (1084, 1912), (1112, 1945), (1140, 1978), (1176, 2005), (1202, 2038), (1222, 2068), (1235, 2089), (1246, 2113), (1251, 2122), (1253, 2125), (1284, 2182),

Gene: Daddyjeff_12 Start: 7431, Stop: 9197, Start Num: 214
Candidate Starts for Daddyjeff_12:
(Start: 214 @7431 has 4 MA's), (Start: 219 @7437 has 2 MA's), (287, 7533), (431, 7773), (449, 7809), (458, 7833), (483, 7866), (504, 7911), (525, 7932), (574, 8025), (584, 8040), (596, 8085), (604, 8103), (621, 8139), (653, 8229), (680, 8289), (728, 8388), (770, 8460), (804, 8517), (859, 8601), (868, 8613), (967, 8745), (990, 8790), (1000, 8814), (1003, 8817), (1068, 8910), (1111, 8967), (1182, 9045), (1196, 9057), (1226, 9105), (1246, 9150),

Gene: Daegal_6 Start: 2134, Stop: 3768, Start Num: 84
Candidate Starts for Daegal_6:
(Start: 84 @2134 has 21 MA's), (Start: 128 @2173 has 3 MA's), (199, 2221), (332, 2392), (373, 2431), (487, 2611), (494, 2620), (499, 2629), (550, 2692), (555, 2698), (594, 2782), (595, 2785), (596, 2788), (642, 2884), (643, 2887), (647, 2896), (690, 2962), (720, 2992), (738, 3019), (758, 3052), (772, 3073), (774, 3076), (837, 3172), (855, 3193), (914, 3283), (950, 3325), (965, 3343), (968, 3349), (1005, 3412), (1009, 3418), (1017, 3421), (1044, 3466), (1047, 3472), (1069, 3499), (1087, 3514), (1130, 3565), (1135, 3574), (1145, 3589), (1148, 3592), (1176, 3631), (1188, 3646), (1200, 3661), (1202, 3664), (1263, 3742), (1267, 3748),

Gene: Daenerys_2 Start: 571, Stop: 2208, Start Num: 126
Candidate Starts for Daenerys_2:
(Start: 126 @571 has 206 MA's), (133, 580), (Start: 147 @595 has 3 MA's), (Start: 217 @652 has 209 MA's), (Start: 219 @655 has 2 MA's), (271, 718), (310, 757), (372, 844), (419, 904), (433, 916), (442, 928), (445, 937), (447, 940), (454, 961), (467, 982), (519, 1054), (543, 1093), (580, 1162), (584, 1168), (597, 1198), (598, 1201), (603, 1210), (612, 1225), (621, 1243), (638, 1294), (689, 1387), (695, 1396), (845, 1567), (859, 1579), (915, 1663), (934, 1693), (937, 1696), (940, 1699), (988, 1756), (993, 1771), (995, 1777), (996, 1780), (1007, 1795), (1020, 1804), (1062, 1873), (1082, 1903), (1084, 1912), (1112, 1945), (1140, 1978), (1176, 2005), (1202, 2038), (1222, 2068), (1235, 2089), (1246, 2113), (1251, 2122), (1253, 2125), (1284, 2182),

Gene: DaftyDuck_3 Start: 1086, Stop: 2546, Start Num: 193
Candidate Starts for DaftyDuck_3:
(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (744, 1881), (753, 1896), (777, 1932), (804, 1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: Daiboju_2 Start: 428, Stop: 1993, Start Num: 155
Candidate Starts for Daiboju_2:
(Start: 155 @428 has 82 MA's), (Start: 297 @599 has 2 MA's), (380, 701), (396, 734), (404, 749), (409, 758), (430, 782), (455, 836), (542, 947), (584, 1013), (586, 1019), (607, 1079), (636, 1139), (647, 1169), (759, 1268), (880, 1442), (883, 1451), (905, 1487), (908, 1493), (925, 1529), (962, 1565), (980, 1598), (1006, 1637), (1015, 1643), (1143, 1784), (1222, 1859), (1272, 1940), (1308, 1979),

Gene: Daishi_12 Start: 5882, Stop: 7582, Start Num: 104
Candidate Starts for Daishi_12:
(Start: 104 @5882 has 125 MA's), (151, 5930), (Start: 224 @6002 has 17 MA's), (292, 6065), (476, 6344), (593, 6542), (634, 6632), (671, 6695), (760, 6857), (915, 7055), (928, 7079), (930, 7082), (988, 7145), (992, 7157), (995, 7166), (1007, 7184), (1026, 7205), (1096, 7301), (1134, 7355), (1182, 7391), (1269, 7538), (1292, 7568), (1294, 7571),

Gene: Dalilpop_29 Start: 14581, Stop: 16257, Start Num: 126
Candidate Starts for Dalilpop_29:
(Start: 126 @14581 has 206 MA's), (270, 14731), (319, 14788), (337, 14815), (346, 14827), (361, 14857), (597, 15241), (612, 15268), (643, 15352), (695, 15436), (699, 15448), (716, 15481), (798, 15559), (870, 15640), (892, 15667), (915, 15709), (940, 15745), (959, 15775), (996, 15856), (1007, 15871), (1084, 15979), (1166, 16054), (1246, 16165), (1261, 16195),

Gene: Dalmatian_12 Start: 7536, Stop: 9323, Start Num: 103
Candidate Starts for Dalmatian_12:
(Start: 103 @7536 has 278 MA's), (Start: 206 @7644 has 29 MA's), (226, 7665), (288, 7773), (406, 7935), (473, 8055), (476, 8058), (558, 8166), (593, 8256), (603, 8280), (663, 8397), (673, 8412), (857, 8712), (992, 8898), (1007, 8925), (1026, 8946), (1096, 9042), (1269, 9279), (1290, 9306), (1292, 9309),

Gene: Damascus_10 Start: 3850, Stop: 5601, Start Num: 217
Candidate Starts for Damascus_10:
(Start: 211 @3844 has 88 MA's), (Start: 217 @3850 has 209 MA's), (272, 3934), (280, 3943), (287, 3949), (353, 4069), (430, 4183), (434, 4192), (458, 4246), (485, 4282), (495, 4306), (504, 4324), (523, 4342), (574, 4438), (604, 4516), (628, 4573), (680, 4708), (728, 4807), (804, 4936), (859, 5005), (868, 5017), (903, 5074), (944, 5128), (995, 5209), (1000, 5218), (1003, 5221), (1182, 5449), (1196, 5461),

Gene: Damocles_4 Start: 1013, Stop: 2494, Start Num: 300
Candidate Starts for Damocles_4:
(Start: 164 @848 has 12 MA's), (Start: 300 @1013 has 12 MA's), (325, 1052), (374, 1103), (381, 1115), (400, 1151), (409, 1169), (554, 1352), (607, 1466), (619, 1478), (636, 1526), (643, 1547), (651, 1562), (682, 1619), (905, 1934), (949, 2000), (962, 2012), (980, 2045), (1014, 2084), (1017, 2093), (1020, 2096), (1063, 2162), (1093, 2192), (1126, 2237), (1157, 2279), (1182, 2306), (1184, 2309), (1246, 2402), (1249, 2408), (1259, 2429), (1265, 2441), (1304, 2480), (1306, 2483),

Gene: DanBing_3 Start: 907, Stop: 2469, Start Num: 155
Candidate Starts for DanBing_3:
(Start: 149 @901 has 70 MA's), (Start: 155 @907 has 82 MA's), (Start: 164 @916 has 12 MA's), (271, 1063), (352, 1165), (414, 1255), (484, 1360), (582, 1498), (585, 1504), (591, 1525), (599, 1549), (636, 1624), (659, 1672), (684, 1726), (700, 1750), (713, 1771), (728, 1795), (733, 1801), (753, 1831), (757, 1837), (782, 1873), (848, 1930), (866, 1948), (876, 1963), (925, 2038), (927, 2041), (963, 2077), (968, 2086), (990, 2122), (1031, 2188), (1093, 2263), (1114, 2281), (1118, 2290), (1241, 2437), (1252, 2461), (1254, 2464),

Gene: DanHam62_2 Start: 370, Stop: 1992, Start Num: 182
Candidate Starts for DanHam62_2:
(Start: 164 @349 has 12 MA's), (Start: 182 @370 has 18 MA's), (374, 601), (377, 604), (381, 613), (400, 649), (409, 667), (455, 745), (554, 850), (607, 964), (625, 988), (636, 1024), (643, 1045), (651, 1060), (682, 1120), (744, 1204), (896, 1420), (905, 1432), (916, 1459), (949, 1498), (953, 1504), (980, 1543), (1000, 1570), (1014, 1582), (1030, 1615), (1038, 1627), (1063, 1660), (1203, 1831), (1246, 1900), (1249, 1906), (1259, 1927), (1271, 1948), (1304, 1978), (1306, 1981), (1308, 1984),

Gene: Dancer_13 Start: 7200, Stop: 8945, Start Num: 217
Candidate Starts for Dancer_13:
(Start: 217 @7200 has 209 MA's), (222, 7206), (280, 7293), (287, 7299), (315, 7335), (343, 7389), (393, 7485), (504, 7674), (523, 7692), (525, 7695), (561, 7764), (604, 7866), (621, 7902), (628, 7923), (636, 7947), (660, 8004), (680, 8052), (709, 8118), (728, 8151), (731, 8157), (748, 8187), (761, 8208), (804, 8280), (949, 8475), (991, 8541), (1000, 8562), (1003, 8565), (1043, 8625), (1125, 8736), (1161, 8772), (1182, 8793), (1196, 8805), (1224, 8850), (1226, 8853), (1244, 8895), (1246, 8898),

Gene: Danforth_8 Start: 5683, Stop: 7437, Start Num: 63
Candidate Starts for Danforth_8:
(Start: 63 @5683 has 32 MA's), (94, 5725), (125, 5764), (Start: 231 @5872 has 26 MA's), (406, 6079), (536, 6280), (593, 6388), (646, 6517), (743, 6682), (763, 6715), (866, 6835), (915, 6910), (995, 7021), (1007, 7039), (1026, 7060), (1061, 7114), (1096, 7156), (1196, 7261), (1251, 7360), (1269, 7393), (1294, 7426), (1299, 7432),

Gene: Danimal_3 Start: 1074, Stop: 2534, Start Num: 193
Candidate Starts for Danimal_3:
(Start: 193 @1074 has 146 MA's), (Start: 198 @1080 has 6 MA's), (325, 1242), (330, 1251), (377, 1311), (415, 1380), (431, 1401), (455, 1452), (606, 1656), (744, 1869), (753, 1884), (777, 1920), (804, 1962), (832, 1995), (840, 2013), (923, 2133), (925, 2136), (936, 2148), (990, 2223), (1031, 2286), (1044, 2304), (1045, 2307), (1186, 2469), (1199, 2478), (1205, 2487), (1232, 2526),

Gene: Danno_3 Start: 1086, Stop: 2546, Start Num: 193
Candidate Starts for Danno_3:
(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (744, 1881), (753, 1896), (777, 1932), (804, 1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: Dante_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Dante_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Danzina_7 Start: 2576, Stop: 4222, Start Num: 75
Candidate Starts for Danzina_7:
(Start: 75 @2576 has 95 MA's), (Start: 92 @2594 has 10 MA's), (325, 2798), (350, 2834), (462, 3014), (480, 3035), (515, 3080), (543, 3122), (582, 3194), (593, 3218), (638, 3317), (643, 3332), (663, 3356), (665, 3362), (786, 3530), (915, 3680), (927, 3701), (936, 3713), (992, 3791), (1064, 3899), (1096, 3938), (1112, 3959), (1116, 3965), (1130, 3983), (1251, 4139),

Gene: Daob_4 Start: 1013, Stop: 2494, Start Num: 300
Candidate Starts for Daob_4:
(Start: 164 @848 has 12 MA's), (Start: 300 @1013 has 12 MA's), (325, 1052), (374, 1103), (381, 1115), (400, 1151), (409, 1169), (554, 1352), (607, 1466), (619, 1478), (622, 1484), (636, 1526), (643, 1547), (651, 1562), (682, 1619), (905, 1934), (949, 2000), (980, 2045), (1014, 2084), (1020, 2096), (1030, 2117), (1063, 2162), (1093, 2192), (1126, 2237), (1157, 2279), (1182, 2306), (1184, 2309), (1246, 2402), (1249, 2408), (1259, 2429), (1265, 2441), (1304, 2480), (1306, 2483),

Gene: Darby_7 Start: 3576, Stop: 5315, Start Num: 217
Candidate Starts for Darby_7:
(Start: 217 @3576 has 209 MA's), (287, 3675), (353, 3795), (426, 3894), (446, 3936), (458, 3966), (482, 3996), (504, 4044), (525, 4065), (580, 4167), (604, 4236), (616, 4260), (647, 4350), (680, 4422), (713, 4497), (728, 4521), (804, 4650), (868, 4731), (949, 4845), (967, 4863), (970, 4869), (1000, 4932), (1003, 4935), (1136, 5124), (1146, 5139), (1163, 5145), (1182, 5163), (1196, 5175), (1244, 5265), (1246, 5268),

Gene: Dardanus_9 Start: 3554, Stop: 5239, Start Num: 119
Candidate Starts for Dardanus_9:
(Start: 119 @3554 has 3 MA's), (Start: 219 @3656 has 2 MA's), (400, 3896), (414, 3920), (431, 3941), (443, 3959), (452, 3980), (518, 4076), (554, 4124), (584, 4172), (586, 4178), (599, 4223), (625, 4262), (626, 4265), (627, 4268), (635, 4295), (744, 4403), (803, 4505), (888, 4637), (962, 4742), (1002, 4808), (1038, 4859), (1050, 4877), (1133, 4997), (1169, 5030), (1205, 5072), (1229, 5105), (1255, 5156), (1310, 5225), (1316, 5231),

Gene: Daredevil_12 Start: 5000, Stop: 6736, Start Num: 127
Candidate Starts for Daredevil_12:
(Start: 127 @5000 has 26 MA's), (Start: 139 @5015 has 1 MA's), (Start: 205 @5072 has 7 MA's), (248, 5129), (370, 5261), (428, 5372), (447, 5408), (505, 5504), (593, 5648), (604, 5675), (627, 5723), (758, 5930), (787, 5975), (905, 6128), (988, 6290), (1038, 6371), (1084, 6446), (1159, 6518), (1195, 6554), (1216, 6590), (1251, 6650),

Gene: Darrell_14 Start: 8335, Stop: 10122, Start Num: 103
Candidate Starts for Darrell_14:

(Start: 103 @8335 has 278 MA's), (Start: 117 @8350 has 12 MA's), (Start: 206 @8437 has 29 MA's), (Start: 231 @8467 has 26 MA's), (288, 8566), (325, 8617), (406, 8728), (445, 8800), (476, 8854), (503, 8893), (558, 8965), (593, 9055), (603, 9079), (673, 9211), (727, 9319), (776, 9394), (837, 9490), (936, 9631), (1007, 9724), (1015, 9727), (1026, 9745), (1061, 9799), (1096, 9841), (1134, 9895), (1184, 9934), (1198, 9949), (1269, 10078), (1290, 10105), (1292, 10108),

Gene: DarthPhader_13 Start: 8323, Stop: 10107, Start Num: 103
Candidate Starts for DarthPhader_13:
(Start: 103 @8323 has 278 MA's), (Start: 123 @8344 has 9 MA's), (Start: 224 @8443 has 17 MA's), (Start: 231 @8455 has 26 MA's), (266, 8521), (288, 8554), (350, 8641), (445, 8785), (476, 8839), (503, 8878), (558, 8950), (593, 9040), (603, 9064), (646, 9163), (663, 9181), (673, 9196), (751, 9340), (915, 9583), (980, 9655), (988, 9670), (1026, 9730), (1096, 9826), (1182, 9916), (1267, 10060), (1269, 10063), (1290, 10090), (1292, 10093), (1294, 10096),

Gene: Darwin_15 Start: 7903, Stop: 9510, Start Num: 184
Candidate Starts for Darwin_15:
(Start: 184 @7903 has 3 MA's), (307, 8041), (Start: 324 @8071 has 4 MA's), (334, 8095), (359, 8137), (361, 8140), (375, 8164), (433, 8239), (435, 8242), (454, 8284), (473, 8311), (485, 8329), (503, 8356), (513, 8374), (516, 8377), (558, 8431), (597, 8515), (598, 8518), (608, 8539), (621, 8560), (646, 8632), (670, 8662), (695, 8713), (769, 8794), (916, 8989), (992, 9091), (1007, 9118), (1020, 9127), (1094, 9238), (1166, 9301), (1246, 9412), (1251, 9421), (1301, 9502),

Gene: DatBoi_13 Start: 6914, Stop: 8650, Start Num: 127
Candidate Starts for DatBoi_13:
(Start: 127 @6914 has 26 MA's), (Start: 205 @6986 has 7 MA's), (359, 7157), (370, 7175), (428, 7286), (447, 7322), (505, 7418), (593, 7562), (604, 7589), (627, 7637), (758, 7844), (787, 7889), (847, 7970), (905, 8042), (1084, 8360), (1195, 8468), (1251, 8564),

Gene: Dattran_7 Start: 2377, Stop: 4023, Start Num: 75
Candidate Starts for Dattran_7:
(Start: 75 @2377 has 95 MA's), (Start: 92 @2395 has 10 MA's), (325, 2599), (350, 2635), (462, 2815), (480, 2836), (543, 2923), (582, 2995), (593, 3019), (638, 3118), (643, 3133), (663, 3157), (665, 3163), (786, 3331), (841, 3391), (915, 3481), (927, 3502), (992, 3592), (1026, 3640), (1096, 3739), (1112, 3760), (1116, 3766), (1130, 3784), (1251, 3940),

Gene: Datway_11 Start: 6893, Stop: 8590, Start Num: 102
Candidate Starts for Datway_11:
(Start: 102 @6893 has 391 MA's), (Start: 126 @6917 has 206 MA's), (363, 7163), (429, 7268), (473, 7346), (476, 7349), (503, 7388), (558, 7457), (569, 7481), (593, 7547), (634, 7637), (720, 7802), (751, 7847), (778, 7889), (798, 7922), (864, 7988), (913, 8060), (915, 8063), (928, 8087), (988, 8153), (1007, 8192), (1026, 8213), (1096, 8309), (1267, 8543), (1269, 8546), (1292, 8576), (1294, 8579),

Gene: Daudau_6 Start: 2153, Stop: 3799, Start Num: 75
Candidate Starts for Daudau_6:
(Start: 75 @2153 has 95 MA's), (363, 2423), (379, 2447), (382, 2456), (443, 2549), (462, 2591), (465, 2597), (480, 2612), (543, 2699), (582, 2771), (593, 2795), (628, 2864), (638, 2894), (654, 2930), (673, 2948), (766, 3071), (786, 3107), (800, 3125), (927, 3278), (992, 3368), (1007, 3395), (1096, 3515), (1112, 3536), (1130, 3560), (1196, 3620), (1251, 3716), (1300, 3794),

Gene: DeadP_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for DeadP_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's),

(271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (445, 953), (447, 956), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Deano_11 Start: 6890, Stop: 8587, Start Num: 102
Candidate Starts for Deano_11:
(Start: 102 @6890 has 391 MA's), (Start: 126 @6914 has 206 MA's), (Start: 239 @7037 has 2 MA's), (339, 7127), (363, 7160), (426, 7259), (473, 7343), (476, 7346), (503, 7385), (558, 7454), (569, 7478), (593, 7544), (634, 7634), (720, 7799), (778, 7886), (798, 7919), (864, 7985), (913, 8057), (915, 8060), (928, 8084), (980, 8135), (988, 8150), (1007, 8189), (1026, 8210), (1096, 8306), (1269, 8543), (1292, 8573), (1294, 8576),

Gene: DearBasketball_2 Start: 512, Stop: 2101, Start Num: 194
Candidate Starts for DearBasketball_2:
(Start: 194 @512 has 13 MA's), (306, 647), (312, 653), (338, 695), (379, 734), (396, 770), (430, 818), (459, 878), (489, 920), (491, 923), (510, 947), (512, 950), (554, 977), (587, 1040), (623, 1112), (633, 1142), (635, 1148), (636, 1151), (637, 1154), (815, 1418), (829, 1433), (832, 1436), (836, 1448), (881, 1508), (908, 1553), (914, 1571), (943, 1610), (1020, 1703), (1030, 1724), (1035, 1733), (1088, 1793), (1103, 1817), (1132, 1853), (1189, 1925), (1249, 2018), (1259, 2036), (1306, 2090),

Gene: Deb65_2 Start: 571, Stop: 2208, Start Num: 126
Candidate Starts for Deb65_2:
(Start: 126 @571 has 206 MA's), (133, 580), (Start: 147 @595 has 3 MA's), (Start: 217 @652 has 209 MA's), (Start: 219 @655 has 2 MA's), (271, 718), (310, 757), (372, 844), (419, 904), (433, 916), (442, 928), (445, 937), (447, 940), (454, 961), (467, 982), (519, 1054), (543, 1093), (580, 1162), (584, 1168), (597, 1198), (598, 1201), (603, 1210), (612, 1225), (621, 1243), (638, 1294), (689, 1387), (695, 1396), (845, 1567), (859, 1579), (915, 1663), (934, 1693), (937, 1696), (940, 1699), (988, 1756), (993, 1771), (995, 1777), (996, 1780), (1007, 1795), (1020, 1804), (1062, 1873), (1082, 1903), (1084, 1912), (1112, 1945), (1140, 1978), (1176, 2005), (1202, 2038), (1222, 2068), (1235, 2089), (1246, 2113), (1251, 2122), (1253, 2125), (1284, 2182),

Gene: DeepSoil15_5 Start: 1855, Stop: 3489, Start Num: 84
Candidate Starts for DeepSoil15_5:
(Start: 84 @1855 has 21 MA's), (Start: 128 @1894 has 3 MA's), (199, 1942), (332, 2113), (373, 2152), (487, 2332), (494, 2341), (499, 2350), (550, 2413), (555, 2419), (594, 2503), (595, 2506), (596, 2509), (642, 2605), (643, 2608), (647, 2617), (690, 2683), (720, 2713), (738, 2740), (758, 2773), (772, 2794), (774, 2797), (837, 2893), (855, 2914), (914, 3004), (950, 3046), (965, 3064), (968, 3070), (1005, 3133), (1009, 3139), (1017, 3142), (1044, 3187), (1047, 3193), (1069, 3220), (1087, 3235), (1130, 3286), (1135, 3295), (1145, 3310), (1148, 3313), (1176, 3352), (1188, 3367), (1200, 3382), (1202, 3385), (1263, 3463), (1267, 3469),

Gene: DeerParkTS_13 Start: 7485, Stop: 9272, Start Num: 103
Candidate Starts for DeerParkTS_13:
(Start: 103 @7485 has 278 MA's), (Start: 206 @7593 has 29 MA's), (226, 7614), (262, 7680), (276, 7704), (288, 7722), (325, 7773), (350, 7809), (388, 7863), (473, 8004), (476, 8007), (558, 8115), (593, 8205), (603, 8229), (663, 8346), (673, 8361), (751, 8505), (857, 8661), (992, 8847), (1007, 8874), (1015, 8877), (1026, 8895), (1096, 8991), (1269, 9228), (1290, 9255), (1292, 9258),

Gene: DekHockey33_14 Start: 6808, Stop: 8505, Start Num: 103

Candidate Starts for DekHockey33_14:
(Start: 103 @6808 has 278 MA's), (121, 6826), (292, 6988), (445, 7213), (476, 7267), (558, 7375), (571, 7402), (593, 7465), (603, 7489), (928, 8005), (988, 8068), (1015, 8110), (1096, 8224), (1196, 8329), (1269, 8461), (1290, 8488), (1292, 8491), (1294, 8494),

Gene: DelRio_6 Start: 2230, Stop: 3660, Start Num: 329
Candidate Starts for DelRio_6:
(Start: 111 @1960 has 1 MA's), (201, 2062), (Start: 204 @2065 has 1 MA's), (207, 2068), (213, 2074), (Start: 329 @2230 has 15 MA's), (343, 2248), (409, 2371), (427, 2389), (448, 2428), (452, 2437), (504, 2521), (585, 2605), (588, 2620), (601, 2653), (634, 2719), (666, 2788), (700, 2851), (819, 3040), (829, 3052), (866, 3100), (928, 3193), (975, 3244), (989, 3268), (990, 3271), (1003, 3298), (1044, 3358), (1069, 3391), (1083, 3406), (1118, 3442), (1154, 3484), (1178, 3511), (1211, 3547), (1214, 3553), (1241, 3592),

Gene: Delian_2 Start: 360, Stop: 1928, Start Num: 163
Candidate Starts for Delian_2:
(59, 255), (Start: 163 @360 has 37 MA's), (251, 444), (269, 477), (313, 519), (Start: 324 @537 has 4 MA's), (334, 552), (362, 573), (377, 594), (396, 633), (431, 693), (451, 729), (454, 741), (491, 786), (498, 795), (522, 822), (584, 900), (630, 1005), (637, 1020), (642, 1035), (702, 1113), (736, 1164), (837, 1320), (869, 1359), (898, 1398), (923, 1443), (963, 1488), (965, 1491), (968, 1497), (984, 1518), (989, 1527), (990, 1530), (1005, 1560), (1026, 1584), (1033, 1599), (1118, 1701), (1148, 1743), (1156, 1758), (1176, 1779), (1188, 1794), (1251, 1890), (1262, 1902), (1269, 1911), (1273, 1917),

Gene: Deloris_13 Start: 7865, Stop: 9655, Start Num: 103
Candidate Starts for Deloris_13:
(25, 7691), (Start: 103 @7865 has 278 MA's), (Start: 206 @7973 has 29 MA's), (226, 7994), (288, 8102), (309, 8126), (476, 8390), (558, 8498), (593, 8588), (603, 8612), (663, 8729), (673, 8744), (857, 9044), (992, 9230), (1007, 9257), (1026, 9278), (1096, 9374), (1269, 9611), (1290, 9638), (1292, 9641),

Gene: DelvinSonDorr_14 Start: 7524, Stop: 9278, Start Num: 103
Candidate Starts for DelvinSonDorr_14:
(Start: 103 @7524 has 278 MA's), (288, 7755), (325, 7806), (350, 7842), (406, 7917), (476, 8040), (503, 8079), (558, 8148), (569, 8172), (571, 8175), (593, 8238), (603, 8262), (646, 8361), (647, 8364), (671, 8391), (673, 8394), (864, 8679), (920, 8766), (928, 8778), (988, 8841), (1007, 8880), (1026, 8901), (1086, 8985), (1096, 8997), (1269, 9234), (1290, 9261), (1292, 9264),

Gene: Demure_14 Start: 8072, Stop: 9817, Start Num: 217
Candidate Starts for Demure_14:
(Start: 217 @8072 has 209 MA's), (222, 8078), (280, 8165), (287, 8171), (315, 8207), (343, 8261), (353, 8291), (393, 8357), (446, 8438), (482, 8498), (504, 8546), (523, 8564), (525, 8567), (561, 8636), (584, 8675), (596, 8720), (604, 8738), (628, 8795), (660, 8876), (680, 8924), (728, 9023), (731, 9029), (748, 9059), (761, 9080), (765, 9086), (791, 9128), (804, 9152), (949, 9347), (982, 9389), (991, 9413), (1000, 9434), (1003, 9437), (1179, 9662), (1182, 9665), (1196, 9677), (1244, 9767), (1246, 9770),

Gene: Denise_2 Start: 318, Stop: 1895, Start Num: 134
Candidate Starts for Denise_2:
(116, 300), (Start: 134 @318 has 105 MA's), (281, 474), (313, 504), (332, 537), (397, 621), (402, 630), (431, 666), (461, 726), (487, 753), (550, 816), (552, 819), (573, 855), (596, 912), (607, 936), (630, 978), (642, 1008), (661, 1038), (679, 1071), (736, 1137), (741, 1149), (760, 1179), (808, 1251), (837, 1293), (855, 1314), (873, 1338), (876, 1344), (895, 1365), (950, 1455), (952, 1458), (966, 1476), (986, 1500), (989, 1506), (1003, 1536), (1005, 1539), (1044, 1593), (1078, 1629), (1120, 1680), (1162, 1740), (1164, 1743), (1200, 1785), (1266, 1878),

Gene: DevitoJr_7 Start: 3718, Stop: 5457, Start Num: 217
Candidate Starts for DevitoJr_7:
(Start: 217 @3718 has 209 MA's), (287, 3817), (353, 3937), (426, 4036), (446, 4078), (458, 4108), (482, 4138), (504, 4186), (525, 4207), (580, 4309), (604, 4378), (616, 4402), (647, 4492), (680, 4564), (713, 4639), (728, 4663), (804, 4792), (868, 4873), (949, 4987), (967, 5005), (970, 5011), (1000, 5074), (1003, 5077), (1136, 5266), (1146, 5281), (1163, 5287), (1182, 5305), (1196, 5317), (1244, 5407), (1246, 5410),

Gene: Dewey_5 Start: 1855, Stop: 3489, Start Num: 84
Candidate Starts for Dewey_5:
(Start: 84 @1855 has 21 MA's), (Start: 128 @1894 has 3 MA's), (199, 1942), (332, 2113), (373, 2152), (487, 2332), (494, 2341), (499, 2350), (550, 2413), (555, 2419), (594, 2503), (595, 2506), (596, 2509), (642, 2605), (643, 2608), (647, 2617), (690, 2683), (720, 2713), (738, 2740), (758, 2773), (772, 2794), (774, 2797), (837, 2893), (855, 2914), (914, 3004), (950, 3046), (965, 3064), (968, 3070), (1005, 3133), (1009, 3139), (1017, 3142), (1044, 3187), (1047, 3193), (1069, 3220), (1087, 3235), (1130, 3286), (1135, 3295), (1145, 3310), (1148, 3313), (1176, 3352), (1188, 3367), (1200, 3382), (1202, 3385), (1263, 3463), (1267, 3469),

Gene: Dexers_5 Start: 2218, Stop: 3864, Start Num: 75
Candidate Starts for Dexers_5:
(Start: 70 @2209 has 1 MA's), (Start: 75 @2218 has 95 MA's), (Start: 78 @2221 has 1 MA's), (Start: 92 @2236 has 10 MA's), (189, 2314), (325, 2440), (350, 2476), (382, 2521), (443, 2614), (450, 2629), (462, 2656), (468, 2665), (480, 2677), (543, 2764), (571, 2812), (593, 2860), (638, 2959), (663, 2998), (751, 3112), (763, 3133), (786, 3172), (866, 3253), (915, 3322), (917, 3328), (927, 3343), (980, 3406), (1062, 3538), (1096, 3580), (1116, 3607), (1130, 3625), (1184, 3673), (1251, 3781),

Gene: Dexes_12 Start: 7609, Stop: 9297, Start Num: 102
Candidate Starts for Dexes_12:
(Start: 102 @7609 has 391 MA's), (363, 7873), (379, 7897), (476, 8059), (500, 8092), (558, 8167), (593, 8257), (603, 8281), (621, 8308), (637, 8356), (720, 8512), (760, 8572), (939, 8806), (952, 8818), (988, 8860), (995, 8881), (1020, 8908), (1096, 9016), (1182, 9106), (1246, 9211),

Gene: Dhanush_11 Start: 6887, Stop: 8584, Start Num: 102
Candidate Starts for Dhanush_11:
(Start: 102 @6887 has 391 MA's), (Start: 126 @6911 has 206 MA's), (Start: 239 @7034 has 2 MA's), (339, 7124), (363, 7157), (426, 7256), (473, 7340), (476, 7343), (503, 7382), (558, 7451), (569, 7475), (593, 7541), (634, 7631), (720, 7796), (778, 7883), (798, 7916), (864, 7982), (913, 8054), (915, 8057), (928, 8081), (980, 8132), (988, 8147), (1007, 8186), (1026, 8207), (1096, 8303), (1269, 8540), (1292, 8570), (1294, 8573),

Gene: Dialga_17 Start: 9229, Stop: 10974, Start Num: 217
Candidate Starts for Dialga_17:
(Start: 217 @9229 has 209 MA's), (222, 9235), (287, 9328), (315, 9364), (343, 9418), (353, 9448), (446, 9595), (504, 9703), (523, 9721), (525, 9724), (561, 9793), (596, 9877), (604, 9895), (628, 9952), (680, 10081), (728, 10180), (731, 10186), (791, 10285), (804, 10309), (949, 10504), (982, 10546), (991, 10570), (1000, 10591), (1003, 10594), (1131, 10774), (1179, 10819), (1182, 10822), (1196, 10834), (1207, 10852), (1244, 10924), (1246, 10927),

Gene: Diane_6 Start: 2144, Stop: 3793, Start Num: 75
Candidate Starts for Diane_6:
(Start: 75 @2144 has 95 MA's), (189, 2243), (309, 2342), (325, 2369), (363, 2417), (382, 2450), (450, 2558), (462, 2585), (480, 2606), (515, 2651), (543, 2693), (582, 2765), (593, 2789), (638, 2888), (654,

2924), (673, 2942), (763, 3062), (766, 3065), (786, 3101), (927, 3272), (936, 3284), (980, 3335), (1007, 3389), (1020, 3398), (1096, 3509), (1112, 3530), (1130, 3554), (1251, 3710), (1300, 3788),

Gene: DickRichards_3 Start: 1160, Stop: 2782, Start Num: 211
Candidate Starts for DickRichards_3:
(Start: 211 @1160 has 88 MA's), (330, 1316), (409, 1424), (426, 1439), (443, 1469), (453, 1493), (459, 1508), (483, 1541), (554, 1607), (585, 1658), (586, 1661), (607, 1721), (642, 1799), (949, 2249), (963, 2264), (1222, 2615), (1249, 2663), (1318, 2771),

Gene: Didgeridoo_4 Start: 944, Stop: 2572, Start Num: 211
Candidate Starts for Didgeridoo_4:
(Start: 211 @944 has 88 MA's), (330, 1100), (409, 1208), (443, 1253), (459, 1292), (489, 1334), (554, 1391), (585, 1442), (586, 1445), (607, 1505), (622, 1523), (632, 1553), (642, 1583), (949, 2039), (963, 2054), (1030, 2156), (1222, 2405), (1249, 2453), (1261, 2477), (1304, 2522),

Gene: Dieselweasel_13 Start: 6958, Stop: 8658, Start Num: 104
Candidate Starts for Dieselweasel_13:
(Start: 104 @6958 has 125 MA's), (151, 7006), (292, 7141), (426, 7333), (476, 7420), (593, 7618), (634, 7708), (671, 7771), (760, 7933), (915, 8131), (928, 8155), (930, 8158), (988, 8221), (995, 8242), (1026, 8281), (1096, 8377), (1134, 8431), (1182, 8467), (1269, 8614), (1292, 8644), (1294, 8647),

Gene: Dignity_14 Start: 7832, Stop: 9619, Start Num: 103
Candidate Starts for Dignity_14:
(Start: 103 @7832 has 278 MA's), (Start: 206 @7940 has 29 MA's), (226, 7961), (262, 8027), (264, 8033), (288, 8069), (309, 8093), (350, 8156), (473, 8351), (476, 8354), (558, 8462), (593, 8552), (603, 8576), (637, 8651), (663, 8693), (673, 8708), (857, 9008), (992, 9194), (1007, 9221), (1026, 9242), (1096, 9338), (1269, 9575), (1292, 9605),

Gene: DillTech15_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for DillTech15_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Dillpickles_2 Start: 498, Stop: 2222, Start Num: 206
Candidate Starts for Dillpickles_2:
(Start: 193 @483 has 146 MA's), (Start: 206 @498 has 29 MA's), (280, 588), (437, 828), (439, 834), (450, 858), (483, 915), (536, 987), (633, 1185), (655, 1227), (664, 1233), (702, 1317), (723, 1344), (793, 1455), (809, 1482), (926, 1659), (1092, 1932), (1094, 1935), (1098, 1941), (1115, 1962), (1141, 2001), (1177, 2049), (1185, 2058), (1205, 2082), (1226, 2100), (1253, 2157), (1295, 2214),

Gene: Diminimus_15 Start: 4718, Stop: 6262, Start Num: 181
Candidate Starts for Diminimus_15:
(Start: 181 @4718 has 21 MA's), (223, 4766), (377, 4967), (454, 5105), (595, 5297), (700, 5507), (733, 5558), (782, 5630), (873, 5693), (893, 5717), (902, 5732), (939, 5792), (953, 5804), (988, 5864), (1003, 5897), (1028, 5930), (1045, 5957), (1090, 6005), (1228, 6191), (1241, 6212),

Gene: Dina_2 Start: 371, Stop: 1957, Start Num: 202
Candidate Starts for Dina_2:
(Start: 202 @371 has 4 MA's), (Start: 205 @374 has 7 MA's), (Start: 211 @380 has 88 MA's), (341, 551), (374, 629), (380, 638), (483, 812), (575, 914), (582, 920), (586, 929), (587, 938), (618, 998), (635, 1046), (636, 1049), (719, 1112), (778, 1205), (832, 1271), (925, 1427), (944, 1445), (981, 1490), (1001, 1532), (1025, 1568), (1032, 1583), (1052, 1610), (1054, 1613), (1066, 1628), (1099, 1661), (1111, 1676), (1143, 1724), (1175, 1754), (1190, 1772), (1238, 1847), (1278, 1922), (1305, 1946),

Gene: Dinallo_8 Start: 4800, Stop: 6539, Start Num: 217
Candidate Starts for Dinallo_8:
(Start: 217 @4800 has 209 MA's), (287, 4899), (353, 5019), (426, 5118), (446, 5160), (458, 5190), (482, 5220), (504, 5268), (525, 5289), (580, 5391), (604, 5460), (616, 5484), (621, 5496), (647, 5574), (680, 5646), (713, 5721), (728, 5745), (791, 5850), (804, 5874), (868, 5955), (897, 6003), (949, 6069), (967, 6087), (970, 6093), (1000, 6156), (1003, 6159), (1146, 6363), (1182, 6387), (1196, 6399), (1244, 6489), (1246, 6492),

Gene: Dinger_8 Start: 3152, Stop: 4834, Start Num: 104
Candidate Starts for Dinger_8:
(Start: 104 @3152 has 125 MA's), (Start: 302 @3338 has 3 MA's), (350, 3410), (363, 3422), (383, 3458), (489, 3626), (536, 3686), (593, 3794), (718, 4049), (763, 4121), (892, 4265), (915, 4307), (936, 4340), (988, 4397), (992, 4409), (1096, 4553), (1130, 4598), (1196, 4658), (1251, 4757), (1269, 4790), (1290, 4817), (1292, 4820), (1294, 4823),

Gene: Dino_5 Start: 3082, Stop: 4647, Start Num: 155
Candidate Starts for Dino_5:
(Start: 155 @3082 has 82 MA's), (Start: 324 @3292 has 4 MA's), (374, 3346), (404, 3403), (409, 3412), (573, 3652), (584, 3667), (586, 3673), (607, 3733), (636, 3793), (740, 3892), (759, 3922), (768, 3937), (815, 4018), (880, 4096), (883, 4105), (905, 4141), (923, 4180), (953, 4213), (963, 4222), (977, 4249), (1020, 4303), (1044, 4345), (1111, 4390), (1126, 4411), (1141, 4435), (1222, 4513), (1308, 4633),

Gene: DinoDaryn_9 Start: 3697, Stop: 5304, Start Num: 191
Candidate Starts for DinoDaryn_9:
(Start: 119 @3619 has 3 MA's), (Start: 191 @3697 has 6 MA's), (379, 3925), (400, 3967), (443, 4030), (452, 4051), (554, 4189), (586, 4243), (625, 4327), (626, 4330), (627, 4333), (636, 4363), (803, 4570), (883, 4693), (930, 4780), (950, 4795), (963, 4810), (1002, 4873), (1050, 4942), (1080, 4984), (1132, 5059), (1133, 5062), (1169, 5095), (1222, 5161), (1251, 5212), (1310, 5290), (1316, 5296),

Gene: DinoNuggs_3 Start: 640, Stop: 2217, Start Num: 194
Candidate Starts for DinoNuggs_3:
(114, 547), (Start: 194 @640 has 13 MA's), (338, 823), (379, 862), (381, 868), (396, 898), (459, 1006), (510, 1075), (554, 1105), (587, 1168), (623, 1240), (633, 1270), (635, 1276), (636, 1279), (797, 1525), (815, 1546), (829, 1561), (832, 1564), (836, 1576), (881, 1636), (908, 1681), (914, 1699), (918, 1708), (943, 1738), (1020, 1831), (1030, 1852), (1035, 1861), (1088, 1921), (1189, 2041), (1249, 2134), (1259, 2152), (1306, 2206),

Gene: DirkDirk_4 Start: 1053, Stop: 2636, Start Num: 149
Candidate Starts for DirkDirk_4:
(Start: 149 @1053 has 70 MA's), (Start: 155 @1059 has 82 MA's), (284, 1230), (352, 1317), (374, 1335), (379, 1341), (396, 1377), (486, 1515), (488, 1518), (550, 1593), (584, 1650), (585, 1653), (659, 1821), (684, 1875), (688, 1884), (700, 1899), (713, 1920), (737, 1959), (753, 1980), (757, 1986), (777, 2013), (808, 2055), (848, 2079), (866, 2097), (873, 2106), (876, 2112), (902, 2145), (918, 2178), (953, 2217), (962, 2223), (963, 2226), (990, 2271), (1031, 2337), (1069, 2388), (1093, 2412), (1111, 2427), (1114, 2430), (1207, 2532), (1224, 2559), (1252, 2610), (1254, 2613),

Gene: DirtDevil_12 Start: 7559, Stop: 9247, Start Num: 102
Candidate Starts for DirtDevil_12:
(Start: 102 @7559 has 391 MA's), (Start: 302 @7739 has 3 MA's), (363, 7823), (383, 7859), (406, 7886), (476, 8009), (500, 8042), (558, 8117), (593, 8207), (603, 8231), (621, 8258), (637, 8306), (679, 8375), (714, 8450), (720, 8462), (727, 8471), (760, 8522), (930, 8747), (939, 8756), (952, 8768), (988, 8810), (995, 8831), (1020, 8858), (1096, 8966), (1182, 9056), (1246, 9161),

Gene: DirtPie_3 Start: 1179, Stop: 2639, Start Num: 193
Candidate Starts for DirtPie_3:
(Start: 193 @1179 has 146 MA's), (Start: 198 @1185 has 6 MA's), (325, 1347), (330, 1356), (377, 1416), (415, 1485), (431, 1506), (455, 1557), (606, 1761), (744, 1974), (753, 1989), (777, 2025), (804, 2067), (832, 2100), (840, 2118), (923, 2238), (925, 2241), (936, 2253), (990, 2328), (1031, 2391), (1044, 2409), (1045, 2412), (1186, 2574), (1199, 2583), (1205, 2592), (1232, 2631),

Gene: Dirtdigger_5 Start: 1850, Stop: 3547, Start Num: 197
Candidate Starts for Dirtdigger_5:
(143, 1787), (Start: 197 @1850 has 23 MA's), (282, 1970), (Start: 300 @1991 has 12 MA's), (312, 2006), (330, 2039), (374, 2081), (377, 2084), (400, 2129), (409, 2147), (412, 2150), (414, 2153), (443, 2192), (455, 2225), (489, 2273), (491, 2276), (554, 2330), (607, 2444), (635, 2501), (636, 2504), (643, 2525), (680, 2600), (815, 2822), (829, 2837), (873, 2903), (876, 2909), (879, 2915), (904, 2975), (908, 2984), (914, 3008), (943, 3047), (963, 3065), (986, 3107), (1015, 3140), (1038, 3179), (1096, 3221), (1126, 3263), (1203, 3338), (1208, 3347), (1242, 3398), (1246, 3410), (1267, 3452), (1318, 3536),

Gene: Dirtfootball_2 Start: 516, Stop: 1868, Start Num: 297
Candidate Starts for Dirtfootball_2:
(143, 351), (174, 384), (Start: 202 @417 has 4 MA's), (Start: 244 @438 has 5 MA's), (Start: 297 @516 has 2 MA's), (Start: 314 @534 has 1 MA's), (379, 612), (381, 618), (395, 645), (404, 663), (414, 678), (454, 744), (481, 777), (492, 798), (514, 834), (601, 975), (623, 1008), (659, 1089), (724, 1146), (860, 1332), (864, 1338), (893, 1377), (896, 1383), (908, 1401), (968, 1476), (983, 1503), (996, 1536), (1044, 1593), (1114, 1689), (1120, 1701), (1227, 1842),

Gene: DirtyBoi_2 Start: 586, Stop: 2196, Start Num: 175
Candidate Starts for DirtyBoi_2:
(Start: 175 @586 has 14 MA's), (331, 769), (Start: 366 @802 has 1 MA's), (431, 904), (454, 952), (509, 1024), (607, 1177), (630, 1219), (642, 1249), (679, 1312), (698, 1354), (702, 1363), (752, 1444), (754, 1447), (766, 1465), (794, 1510), (815, 1543), (835, 1570), (893, 1648), (952, 1735), (969, 1759), (1030, 1852), (1031, 1855), (1044, 1873), (1118, 1957),

Gene: DirtyBubble_3 Start: 957, Stop: 2582, Start Num: 211
Candidate Starts for DirtyBubble_3:
(Start: 211 @957 has 88 MA's), (330, 1113), (381, 1167), (409, 1221), (426, 1236), (459, 1305), (491, 1350), (554, 1404), (585, 1455), (586, 1458), (607, 1518), (622, 1536), (623, 1539), (632, 1566), (642, 1596), (744, 1758), (898, 1974), (949, 2049), (962, 2061), (1222, 2415), (1249, 2463),

Gene: DirtyDunning_11 Start: 6880, Stop: 8577, Start Num: 102
Candidate Starts for DirtyDunning_11:
(Start: 102 @6880 has 391 MA's), (Start: 126 @6904 has 206 MA's), (Start: 239 @7027 has 2 MA's), (339, 7117), (363, 7150), (426, 7249), (473, 7333), (476, 7336), (503, 7375), (558, 7444), (569, 7468), (593, 7534), (634, 7624), (720, 7789), (778, 7876), (798, 7909), (864, 7975), (913, 8047), (915, 8050), (928, 8074), (980, 8125), (988, 8140), (1007, 8179), (1026, 8200), (1096, 8296), (1269, 8533), (1292, 8563), (1294, 8566),

Gene: Discoknowium_9 Start: 6269, Stop: 8047, Start Num: 53
Candidate Starts for Discoknowium_9:
(Start: 53 @6269 has 20 MA's), (Start: 63 @6296 has 32 MA's), (114, 6365), (228, 6479), (Start: 231 @6485 has 26 MA's), (350, 6617), (406, 6692), (407, 6695), (521, 6869), (536, 6893), (593, 7001), (613, 7046), (643, 7124), (646, 7130), (647, 7133), (743, 7295), (747, 7301), (763, 7328), (778, 7349), (915, 7523), (928, 7547), (930, 7550), (988, 7610), (992, 7622), (1007, 7649), (1026, 7670), (1061, 7724), (1086, 7754), (1096, 7766), (1269, 8003), (1294, 8036), (1299, 8042),

Gene: Dismas_3 Start: 938, Stop: 2563, Start Num: 205
Candidate Starts for Dismas_3:
(Start: 205 @938 has 7 MA's), (Start: 211 @944 has 88 MA's), (330, 1100), (400, 1190), (409, 1208), (426, 1223), (459, 1292), (479, 1316), (489, 1334), (554, 1391), (585, 1442), (586, 1445), (607, 1505), (623, 1526), (632, 1553), (642, 1583), (873, 1922), (962, 2045), (1196, 2360), (1222, 2399), (1304, 2516),

Gene: Ditters_7 Start: 3194, Stop: 4939, Start Num: 216
Candidate Starts for Ditters_7:
(Start: 216 @3194 has 2 MA's), (222, 3200), (252, 3248), (287, 3293), (393, 3479), (426, 3518), (431, 3530), (446, 3560), (458, 3590), (504, 3668), (525, 3689), (561, 3758), (604, 3860), (621, 3896), (653, 3986), (680, 4046), (728, 4145), (731, 4151), (804, 4274), (859, 4346), (967, 4487), (995, 4547), (1000, 4556), (1003, 4559), (1038, 4610), (1101, 4697), (1146, 4763), (1182, 4787), (1196, 4799), (1207, 4817), (1242, 4880), (1244, 4889), (1246, 4892),

Gene: Dixon_9 Start: 5702, Stop: 7456, Start Num: 63
Candidate Starts for Dixon_9:
(Start: 63 @5702 has 32 MA's), (94, 5744), (125, 5783), (Start: 231 @5891 has 26 MA's), (406, 6098), (536, 6299), (593, 6407), (646, 6536), (743, 6701), (763, 6734), (866, 6854), (915, 6929), (995, 7040), (1007, 7058), (1026, 7079), (1061, 7133), (1096, 7175), (1144, 7244), (1196, 7280), (1251, 7379), (1269, 7412), (1294, 7445), (1299, 7451),

Gene: DizzyRudy_10 Start: 3848, Stop: 5599, Start Num: 217
Candidate Starts for DizzyRudy_10:
(Start: 211 @3842 has 88 MA's), (Start: 217 @3848 has 209 MA's), (272, 3932), (280, 3941), (287, 3947), (353, 4067), (430, 4181), (434, 4190), (458, 4244), (485, 4280), (504, 4322), (523, 4340), (574, 4436), (604, 4514), (628, 4571), (680, 4706), (728, 4805), (804, 4934), (859, 5003), (868, 5015), (903, 5072), (944, 5126), (995, 5207), (1000, 5216), (1003, 5219), (1182, 5447), (1196, 5459),

Gene: Djungelskog_8 Start: 3618, Stop: 5366, Start Num: 217
Candidate Starts for Djungelskog_8:
(Start: 200 @3600 has 5 MA's), (Start: 217 @3618 has 209 MA's), (280, 3711), (287, 3717), (325, 3774), (353, 3837), (458, 4014), (504, 4092), (525, 4113), (580, 4215), (604, 4284), (611, 4299), (628, 4341), (680, 4470), (713, 4545), (728, 4569), (791, 4674), (804, 4698), (868, 4782), (949, 4896), (967, 4914), (1000, 4983), (1003, 4986), (1038, 5037), (1068, 5079), (1131, 5166), (1161, 5193), (1182, 5214), (1196, 5226), (1207, 5244), (1246, 5319),

Gene: Dmitri_2 Start: 586, Stop: 2193, Start Num: 175
Candidate Starts for Dmitri_2:
(Start: 175 @586 has 14 MA's), (331, 769), (414, 886), (431, 904), (454, 952), (509, 1024), (607, 1177), (630, 1219), (642, 1249), (679, 1312), (698, 1354), (702, 1363), (736, 1414), (754, 1447), (766, 1465), (794, 1510), (815, 1543), (835, 1570), (893, 1648), (952, 1735), (969, 1759), (1009, 1825), (1030, 1852), (1031, 1855), (1044, 1873), (1183, 2044),

Gene: DoRead_2 Start: 587, Stop: 2224, Start Num: 126

Candidate Starts for DoRead_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (452, 968), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: DobbysSock_2 Start: 318, Stop: 1877, Start Num: 134
Candidate Starts for DobbysSock_2:
(86, 258), (Start: 134 @318 has 105 MA's), (313, 504), (332, 537), (397, 621), (402, 630), (431, 666), (461, 726), (550, 816), (552, 819), (596, 912), (607, 936), (630, 978), (654, 1032), (679, 1071), (736, 1137), (760, 1179), (837, 1293), (876, 1344), (895, 1365), (914, 1404), (918, 1410), (950, 1446), (952, 1449), (986, 1491), (989, 1497), (1078, 1620), (1087, 1632), (1120, 1671), (1164, 1734), (1266, 1860),

Gene: DoctorDiddles_9 Start: 2462, Stop: 4132, Start Num: 301
Candidate Starts for DoctorDiddles_9:
(Start: 301 @2462 has 48 MA's), (344, 2525), (479, 2759), (548, 2861), (632, 3041), (641, 3065), (650, 3083), (663, 3095), (694, 3158), (698, 3170), (725, 3215), (734, 3230), (784, 3308), (811, 3353), (845, 3407), (851, 3413), (917, 3527), (994, 3671), (1019, 3707), (1118, 3860), (1129, 3872), (1175, 3929), (1205, 3965), (1235, 4016), (1251, 4052), (1253, 4055), (1294, 4121),

Gene: DoctorPepper_8 Start: 3600, Stop: 5366, Start Num: 200
Candidate Starts for DoctorPepper_8:
(Start: 200 @3600 has 5 MA's), (Start: 217 @3618 has 209 MA's), (280, 3711), (287, 3717), (325, 3774), (353, 3837), (458, 4014), (504, 4092), (525, 4113), (580, 4215), (604, 4284), (680, 4470), (713, 4545), (728, 4569), (791, 4674), (804, 4698), (868, 4782), (949, 4896), (967, 4914), (1000, 4983), (1003, 4986), (1038, 5037), (1068, 5079), (1131, 5166), (1161, 5193), (1182, 5214), (1196, 5226), (1207, 5244), (1246, 5319),

Gene: Doggs_2 Start: 586, Stop: 2193, Start Num: 175
Candidate Starts for Doggs_2:
(Start: 175 @586 has 14 MA's), (331, 769), (414, 886), (431, 904), (454, 952), (499, 1012), (509, 1024), (607, 1177), (630, 1219), (642, 1249), (679, 1312), (698, 1354), (702, 1363), (736, 1414), (752, 1444), (754, 1447), (766, 1465), (794, 1510), (815, 1543), (835, 1570), (893, 1648), (952, 1735), (969, 1759), (1030, 1852), (1031, 1855), (1044, 1873), (1118, 1957),

Gene: Dolores_3 Start: 820, Stop: 2379, Start Num: 134
Candidate Starts for Dolores_3:
(86, 760), (Start: 134 @820 has 105 MA's), (251, 928), (313, 1006), (332, 1039), (396, 1120), (397, 1123), (402, 1132), (431, 1168), (461, 1228), (550, 1318), (552, 1321), (596, 1414), (607, 1438), (642, 1510), (679, 1573), (736, 1639), (760, 1681), (806, 1750), (810, 1756), (837, 1795), (855, 1816), (873, 1840), (876, 1846), (895, 1867), (918, 1912), (950, 1948), (952, 1951), (986, 1993), (1078, 2122), (1120, 2173), (1214, 2302), (1266, 2362),

Gene: Donatella_5 Start: 2098, Stop: 3798, Start Num: 197
Candidate Starts for Donatella_5:
(145, 2041), (Start: 180 @2077 has 11 MA's), (Start: 197 @2098 has 23 MA's), (282, 2221), (Start: 300 @2242 has 12 MA's), (330, 2290), (377, 2335), (400, 2380), (409, 2398), (412, 2401), (443, 2443), (489, 2524), (491, 2527), (554, 2581), (607, 2695), (636, 2755), (643, 2776), (768, 3007), (815, 3073),

(829, 3088), (914, 3259), (953, 3307), (963, 3316), (986, 3358), (1015, 3391), (1038, 3430), (1096, 3472), (1182, 3562), (1203, 3589), (1205, 3592), (1208, 3598), (1222, 3619), (1246, 3661), (1292, 3739), (1318, 3787),

Gene: Dongwon_3 Start: 1074, Stop: 2534, Start Num: 193
Candidate Starts for Dongwon_3:
(Start: 193 @1074 has 146 MA's), (Start: 198 @1080 has 6 MA's), (325, 1242), (330, 1251), (377, 1311), (415, 1380), (431, 1401), (455, 1452), (606, 1656), (744, 1869), (753, 1884), (777, 1920), (804, 1962), (832, 1995), (840, 2013), (923, 2133), (925, 2136), (936, 2148), (990, 2223), (1031, 2286), (1044, 2304), (1045, 2307), (1186, 2469), (1199, 2478), (1205, 2487), (1232, 2526),

Gene: Donkey_2 Start: 593, Stop: 2281, Start Num: 122
Candidate Starts for Donkey_2:
(Start: 122 @593 has 16 MA's), (343, 794), (434, 938), (450, 962), (476, 1007), (541, 1094), (572, 1148), (591, 1187), (646, 1322), (705, 1424), (800, 1535), (887, 1646), (915, 1697), (1096, 1952), (1106, 1967), (1251, 2192), (1256, 2204), (1265, 2219),

Gene: DonkeyMan_2 Start: 512, Stop: 2101, Start Num: 194
Candidate Starts for DonkeyMan_2:
(Start: 194 @512 has 13 MA's), (306, 647), (312, 653), (338, 695), (379, 734), (396, 770), (430, 818), (459, 878), (489, 920), (491, 923), (510, 947), (512, 950), (554, 977), (587, 1040), (623, 1112), (633, 1142), (635, 1148), (636, 1151), (815, 1418), (829, 1433), (832, 1436), (836, 1448), (881, 1508), (908, 1553), (914, 1571), (943, 1610), (1020, 1703), (1030, 1724), (1035, 1733), (1088, 1793), (1103, 1817), (1132, 1853), (1189, 1925), (1249, 2018), (1259, 2036), (1306, 2090),

Gene: Donkeykong_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Donkeykong_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Donovan_2 Start: 413, Stop: 2089, Start Num: 134
Candidate Starts for Donovan_2:
(Start: 134 @413 has 105 MA's), (Start: 232 @524 has 12 MA's), (313, 629), (338, 668), (360, 725), (362, 731), (373, 749), (397, 794), (400, 797), (404, 806), (409, 815), (414, 821), (417, 824), (451, 878), (459, 899), (467, 911), (541, 1001), (636, 1190), (702, 1286), (736, 1337), (828, 1478), (837, 1490), (935, 1622), (984, 1688), (989, 1697), (1000, 1724), (1031, 1766), (1044, 1784), (1118, 1868), (1130, 1883), (1269, 2072),

Gene: DontArgue_10 Start: 4944, Stop: 6635, Start Num: 102
Candidate Starts for DontArgue_10:
(Start: 102 @4944 has 391 MA's), (Start: 126 @4968 has 206 MA's), (325, 5175), (350, 5211), (363, 5223), (429, 5328), (450, 5364), (476, 5409), (503, 5448), (543, 5496), (558, 5517), (569, 5541), (593, 5592), (769, 5922), (798, 5967), (915, 6108), (988, 6198), (992, 6210), (1007, 6237), (1026, 6258), (1096, 6354), (1269, 6591), (1292, 6621), (1294, 6624),

Gene: Doobus_3 Start: 911, Stop: 2539, Start Num: 211

Candidate Starts for Doobus_3:
(Start: 211 @911 has 88 MA's), (330, 1067), (409, 1175), (459, 1259), (489, 1301), (554, 1358), (585, 1409), (586, 1412), (607, 1472), (622, 1490), (632, 1520), (642, 1550), (949, 2006), (963, 2021), (1222, 2372), (1249, 2420), (1318, 2528),

Gene: Dooby_3 Start: 1074, Stop: 2534, Start Num: 193
Candidate Starts for Dooby_3:
(Start: 193 @1074 has 146 MA's), (Start: 198 @1080 has 6 MA's), (325, 1242), (330, 1251), (377, 1311), (415, 1380), (431, 1401), (455, 1452), (606, 1656), (744, 1869), (753, 1884), (777, 1920), (804, 1962), (832, 1995), (840, 2013), (923, 2133), (925, 2136), (936, 2148), (990, 2223), (1031, 2286), (1044, 2304), (1045, 2307), (1186, 2469), (1199, 2478), (1205, 2487), (1232, 2526),

Gene: Doom_11 Start: 7247, Stop: 8935, Start Num: 102
Candidate Starts for Doom_11:
(Start: 102 @7247 has 391 MA's), (363, 7511), (379, 7535), (476, 7697), (500, 7730), (558, 7805), (593, 7895), (603, 7919), (621, 7946), (637, 7994), (679, 8063), (720, 8150), (760, 8210), (939, 8444), (952, 8456), (988, 8498), (995, 8519), (1020, 8546), (1096, 8654), (1182, 8744), (1246, 8849),

Gene: Doomphist_2 Start: 571, Stop: 2208, Start Num: 126
Candidate Starts for Doomphist_2:
(Start: 126 @571 has 206 MA's), (133, 580), (Start: 147 @595 has 3 MA's), (Start: 217 @652 has 209 MA's), (Start: 219 @655 has 2 MA's), (271, 718), (310, 757), (372, 844), (419, 904), (433, 916), (442, 928), (445, 937), (447, 940), (454, 961), (467, 982), (519, 1054), (543, 1093), (580, 1162), (584, 1168), (597, 1198), (598, 1201), (603, 1210), (612, 1225), (621, 1243), (638, 1294), (689, 1387), (695, 1396), (845, 1567), (859, 1579), (915, 1663), (934, 1693), (937, 1696), (940, 1699), (988, 1756), (993, 1771), (995, 1777), (996, 1780), (1007, 1795), (1020, 1804), (1062, 1873), (1082, 1903), (1084, 1912), (1112, 1945), (1140, 1978), (1176, 2005), (1202, 2038), (1222, 2068), (1235, 2089), (1246, 2113), (1251, 2122), (1253, 2125), (1284, 2182),

Gene: Dorito_2 Start: 318, Stop: 1877, Start Num: 134
Candidate Starts for Dorito_2:
(86, 258), (Start: 134 @318 has 105 MA's), (251, 426), (313, 504), (332, 537), (397, 621), (402, 630), (431, 666), (476, 744), (550, 816), (552, 819), (573, 855), (596, 912), (599, 921), (607, 936), (647, 1020), (679, 1071), (736, 1137), (760, 1179), (837, 1293), (876, 1344), (895, 1365), (918, 1410), (950, 1446), (952, 1449), (986, 1491), (989, 1497), (1078, 1620), (1087, 1632), (1120, 1671), (1266, 1860),

Gene: Dorothea_15 Start: 7533, Stop: 9287, Start Num: 103
Candidate Starts for Dorothea_15:
(Start: 103 @7533 has 278 MA's), (288, 7764), (325, 7815), (350, 7851), (406, 7926), (476, 8049), (503, 8088), (558, 8157), (569, 8181), (571, 8184), (593, 8247), (603, 8271), (646, 8370), (647, 8373), (671, 8400), (673, 8403), (864, 8688), (920, 8775), (928, 8787), (988, 8850), (1007, 8889), (1026, 8910), (1086, 8994), (1096, 9006), (1269, 9243), (1290, 9270), (1292, 9273),

Gene: Dorothy_2 Start: 571, Stop: 2208, Start Num: 126
Candidate Starts for Dorothy_2:
(Start: 126 @571 has 206 MA's), (133, 580), (Start: 147 @595 has 3 MA's), (Start: 217 @652 has 209 MA's), (Start: 219 @655 has 2 MA's), (271, 718), (310, 757), (372, 844), (419, 904), (433, 916), (442, 928), (445, 937), (447, 940), (454, 961), (467, 982), (519, 1054), (543, 1093), (580, 1162), (584, 1168), (597, 1198), (598, 1201), (603, 1210), (612, 1225), (621, 1243), (638, 1294), (689, 1387), (695, 1396), (845, 1567), (859, 1579), (915, 1663), (934, 1693), (937, 1696), (940, 1699), (988, 1756), (993, 1771), (995, 1777), (996, 1780), (1007, 1795), (1020, 1804), (1062, 1873), (1082, 1903), (1084, 1912), (1112, 1945), (1140, 1978), (1176, 2005), (1202, 2038), (1222, 2068), (1235, 2089), (1246, 2113), (1251, 2122), (1253, 2125), (1284, 2182),

Gene: DotProduct_2 Start: 588, Stop: 2225, Start Num: 126
Candidate Starts for DotProduct_2:
(Start: 126 @588 has 206 MA's), (Start: 139 @603 has 1 MA's), (Start: 147 @612 has 3 MA's), (153, 618), (Start: 184 @645 has 3 MA's), (Start: 217 @669 has 209 MA's), (Start: 219 @672 has 2 MA's), (271, 735), (291, 753), (310, 774), (372, 861), (375, 867), (419, 921), (433, 933), (442, 945), (445, 954), (447, 957), (454, 978), (467, 999), (482, 1014), (519, 1071), (543, 1110), (580, 1179), (584, 1185), (597, 1215), (598, 1218), (603, 1227), (612, 1242), (621, 1260), (638, 1311), (695, 1413), (845, 1584), (859, 1596), (872, 1614), (915, 1680), (934, 1710), (937, 1713), (940, 1716), (988, 1773), (993, 1788), (995, 1794), (996, 1797), (1007, 1812), (1020, 1821), (1062, 1890), (1082, 1920), (1084, 1929), (1112, 1962), (1140, 1995), (1176, 2022), (1202, 2055), (1219, 2082), (1222, 2085), (1235, 2106), (1246, 2130), (1251, 2139), (1253, 2142), (1284, 2199),

Gene: Doug_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for Doug_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 176 @617 has 83 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (Start: 231 @674 has 26 MA's), (271, 719), (310, 758), (372, 845), (375, 851), (419, 905), (433, 917), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (689, 1388), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1140, 1979), (1176, 2006), (1202, 2039), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: Douge_4 Start: 771, Stop: 2333, Start Num: 149
Candidate Starts for Douge_4:
(Start: 149 @771 has 70 MA's), (Start: 155 @777 has 82 MA's), (271, 927), (Start: 324 @993 has 4 MA's), (348, 1023), (374, 1047), (382, 1062), (404, 1104), (488, 1230), (585, 1368), (591, 1389), (599, 1413), (636, 1488), (659, 1536), (700, 1614), (713, 1635), (728, 1659), (733, 1665), (753, 1695), (757, 1701), (782, 1737), (848, 1794), (876, 1827), (953, 1932), (963, 1941), (980, 1965), (990, 1986), (1031, 2052), (1118, 2154), (1224, 2274), (1228, 2280), (1241, 2301), (1252, 2325),

Gene: Douggie_3 Start: 1071, Stop: 2531, Start Num: 193
Candidate Starts for Douggie_3:
(Start: 193 @1071 has 146 MA's), (Start: 198 @1077 has 6 MA's), (325, 1239), (330, 1248), (377, 1308), (415, 1377), (431, 1398), (455, 1449), (606, 1653), (623, 1677), (669, 1788), (744, 1866), (753, 1881), (777, 1917), (804, 1959), (832, 1992), (840, 2010), (923, 2130), (925, 2133), (936, 2145), (990, 2220), (1031, 2283), (1044, 2301), (1045, 2304), (1186, 2466), (1199, 2475), (1232, 2523),

Gene: Douzhi_4 Start: 771, Stop: 2333, Start Num: 149
Candidate Starts for Douzhi_4:
(Start: 149 @771 has 70 MA's), (Start: 155 @777 has 82 MA's), (271, 927), (Start: 324 @993 has 4 MA's), (348, 1023), (374, 1047), (382, 1062), (404, 1104), (488, 1230), (585, 1368), (591, 1389), (599, 1413), (636, 1488), (659, 1536), (700, 1614), (713, 1635), (728, 1659), (733, 1665), (753, 1695), (757, 1701), (782, 1737), (876, 1827), (953, 1932), (963, 1941), (980, 1965), (990, 1986), (1031, 2052), (1118, 2154), (1224, 2274), (1228, 2280), (1241, 2301), (1252, 2325),

Gene: Doxi13_7 Start: 2654, Stop: 4399, Start Num: 217
Candidate Starts for Doxi13_7:
(Start: 217 @2654 has 209 MA's), (222, 2660), (252, 2708), (280, 2747), (287, 2753), (458, 3050), (504, 3128), (523, 3146), (525, 3149), (561, 3218), (580, 3251), (604, 3320), (639, 3413), (680, 3506), (731, 3611), (804, 3734), (859, 3806), (967, 3947), (1000, 4016), (1003, 4019), (1101, 4157), (1161,

4226), (1182, 4247), (1184, 4250), (1196, 4259), (1207, 4277), (1226, 4307), (1244, 4349), (1246, 4352),

Gene: DrFeelGood_10 Start: 6771, Stop: 8459, Start Num: 102
Candidate Starts for DrFeelGood_10:
(Start: 102 @6771 has 391 MA's), (363, 7035), (379, 7059), (476, 7221), (500, 7254), (558, 7329), (593, 7419), (603, 7443), (621, 7470), (637, 7518), (679, 7587), (720, 7674), (760, 7734), (930, 7959), (939, 7968), (952, 7980), (988, 8022), (995, 8043), (1020, 8070), (1096, 8178), (1182, 8268), (1246, 8373),

Gene: DrGrey_7 Start: 2850, Stop: 4595, Start Num: 217
Candidate Starts for DrGrey_7:
(Start: 217 @2850 has 209 MA's), (252, 2904), (Start: 255 @2907 has 1 MA's), (280, 2943), (287, 2949), (430, 3183), (485, 3282), (504, 3324), (525, 3345), (547, 3387), (556, 3399), (596, 3498), (604, 3516), (621, 3552), (713, 3777), (728, 3801), (731, 3807), (804, 3930), (859, 3999), (940, 4116), (967, 4143), (1000, 4212), (1003, 4215), (1038, 4266), (1101, 4353), (1146, 4419), (1182, 4443), (1196, 4455), (1207, 4473), (1244, 4545), (1246, 4548),

Gene: DrManhattan_2 Start: 534, Stop: 2240, Start Num: 103
Candidate Starts for DrManhattan_2:
(12, 240), (13, 243), (Start: 103 @534 has 278 MA's), (Start: 122 @555 has 16 MA's), (Start: 224 @621 has 17 MA's), (444, 906), (476, 963), (572, 1101), (584, 1125), (596, 1155), (619, 1200), (646, 1275), (800, 1488), (828, 1527), (1064, 1869), (1096, 1905), (1106, 1920), (1119, 1938), (1196, 2055), (1217, 2091), (1251, 2151), (1256, 2163),

Gene: DrRobert_2 Start: 426, Stop: 1991, Start Num: 155
Candidate Starts for DrRobert_2:
(Start: 155 @426 has 82 MA's), (253, 549), (Start: 302 @603 has 3 MA's), (Start: 324 @636 has 4 MA's), (325, 639), (374, 690), (396, 732), (404, 747), (409, 756), (414, 762), (430, 780), (540, 942), (607, 1077), (623, 1098), (636, 1137), (740, 1236), (759, 1266), (768, 1281), (786, 1314), (815, 1362), (825, 1371), (883, 1449), (905, 1485), (923, 1524), (953, 1557), (963, 1566), (977, 1593), (1020, 1647), (1044, 1689), (1111, 1734), (1126, 1755), (1141, 1779), (1222, 1857),

Gene: DrSeegs_4 Start: 1069, Stop: 2637, Start Num: 149
Candidate Starts for DrSeegs_4:
(Start: 149 @1069 has 70 MA's), (Start: 155 @1075 has 82 MA's), (271, 1231), (484, 1528), (488, 1534), (533, 1594), (582, 1666), (585, 1672), (591, 1693), (636, 1792), (659, 1840), (684, 1894), (700, 1918), (728, 1963), (733, 1969), (753, 1999), (757, 2005), (777, 2032), (782, 2041), (848, 2098), (855, 2104), (873, 2125), (876, 2131), (925, 2206), (927, 2209), (963, 2245), (990, 2290), (1031, 2356), (1093, 2431), (1114, 2449), (1118, 2458), (1241, 2605), (1252, 2629), (1254, 2632),

Gene: DrSierra_2 Start: 548, Stop: 2254, Start Num: 101
Candidate Starts for DrSierra_2:
(Start: 101 @548 has 50 MA's), (Start: 122 @569 has 16 MA's), (203, 614), (476, 977), (512, 1025), (572, 1115), (646, 1289), (800, 1502), (828, 1541), (915, 1664), (980, 1748), (1064, 1883), (1096, 1919), (1106, 1934), (1196, 2069), (1251, 2165), (1256, 2177),

Gene: Drake55_14 Start: 7940, Stop: 9727, Start Num: 103
Candidate Starts for Drake55_14:
(23, 7754), (49, 7856), (Start: 103 @7940 has 278 MA's), (Start: 206 @8048 has 29 MA's), (226, 8069), (288, 8177), (476, 8462), (558, 8570), (593, 8660), (603, 8684), (663, 8801), (673, 8816), (915, 9203), (1007, 9329), (1026, 9350), (1086, 9434), (1096, 9446), (1269, 9683), (1290, 9710), (1292, 9713), (1294, 9716), (1296, 9719),

Gene: Drake94_10 Start: 4774, Stop: 6465, Start Num: 102
Candidate Starts for Drake94_10:
(Start: 102 @4774 has 391 MA's), (Start: 126 @4798 has 206 MA's), (320, 4990), (350, 5041), (363, 5053), (388, 5095), (406, 5116), (450, 5194), (476, 5239), (503, 5278), (543, 5326), (558, 5347), (569, 5371), (593, 5422), (646, 5545), (732, 5692), (769, 5752), (798, 5797), (915, 5938), (963, 5992), (988, 6028), (1007, 6067), (1026, 6088), (1096, 6184), (1144, 6253), (1269, 6421), (1292, 6451), (1294, 6454),

Gene: DreamCatcher_14 Start: 8201, Stop: 9889, Start Num: 108
Candidate Starts for DreamCatcher_14:
(Start: 108 @8201 has 24 MA's), (Start: 302 @8381 has 3 MA's), (363, 8465), (380, 8492), (383, 8501), (476, 8651), (500, 8684), (558, 8759), (593, 8849), (603, 8873), (637, 8948), (679, 9017), (720, 9104), (727, 9113), (760, 9164), (939, 9398), (952, 9410), (988, 9452), (995, 9473), (1020, 9500), (1096, 9608), (1182, 9698), (1246, 9803),

Gene: DreamTeam_2 Start: 426, Stop: 1991, Start Num: 155
Candidate Starts for DreamTeam_2:
(Start: 155 @426 has 82 MA's), (253, 549), (374, 690), (379, 696), (401, 741), (409, 756), (414, 762), (430, 780), (584, 1011), (586, 1017), (607, 1077), (740, 1236), (759, 1266), (768, 1281), (832, 1380), (880, 1440), (883, 1449), (923, 1524), (953, 1557), (963, 1566), (977, 1593), (1020, 1647), (1044, 1689), (1126, 1755), (1222, 1857), (1308, 1977),

Gene: DreamTeam1_12 Start: 6308, Stop: 8080, Start Num: 117
Candidate Starts for DreamTeam1_12:
(Start: 103 @6296 has 278 MA's), (Start: 117 @6308 has 12 MA's), (Start: 231 @6425 has 26 MA's), (288, 6524), (392, 6674), (406, 6686), (445, 6758), (476, 6812), (503, 6851), (558, 6923), (587, 6995), (593, 7013), (603, 7037), (663, 7154), (673, 7169), (727, 7277), (776, 7352), (837, 7448), (936, 7589), (980, 7628), (1007, 7682), (1015, 7685), (1026, 7703), (1061, 7757), (1086, 7787), (1096, 7799), (1182, 7889), (1198, 7907), (1269, 8036), (1290, 8063), (1292, 8066),

Gene: Dreamboat_12 Start: 6899, Stop: 8587, Start Num: 102
Candidate Starts for Dreamboat_12:
(Start: 102 @6899 has 391 MA's), (Start: 302 @7079 has 3 MA's), (363, 7163), (383, 7199), (476, 7349), (558, 7457), (593, 7547), (603, 7571), (637, 7646), (679, 7715), (720, 7802), (760, 7862), (939, 8096), (952, 8108), (988, 8150), (995, 8171), (1020, 8198), (1096, 8306), (1182, 8396), (1246, 8501),

Gene: DroogsArmy_12 Start: 8069, Stop: 9763, Start Num: 102
Candidate Starts for DroogsArmy_12:
(Start: 102 @8069 has 391 MA's), (275, 8237), (325, 8288), (363, 8336), (406, 8399), (426, 8435), (445, 8468), (465, 8510), (476, 8522), (489, 8537), (503, 8561), (558, 8630), (593, 8720), (596, 8729), (673, 8876), (720, 8975), (758, 9032), (778, 9062), (913, 9233), (915, 9236), (928, 9260), (930, 9263), (991, 9335), (1096, 9482), (1116, 9509), (1134, 9536), (1253, 9689), (1269, 9719), (1292, 9749),

Gene: DropBear_11 Start: 6556, Stop: 8253, Start Num: 102
Candidate Starts for DropBear_11:
(Start: 102 @6556 has 391 MA's), (Start: 126 @6580 has 206 MA's), (174, 6628), (363, 6826), (406, 6889), (465, 7000), (476, 7012), (503, 7051), (518, 7063), (558, 7120), (569, 7144), (593, 7210), (596, 7219), (634, 7300), (643, 7327), (720, 7465), (778, 7552), (864, 7651), (915, 7726), (928, 7750), (930, 7753), (936, 7759), (943, 7768), (988, 7816), (1026, 7876), (1096, 7972), (1130, 8017), (1134, 8026), (1253, 8179), (1269, 8209), (1292, 8239), (1294, 8242),

Gene: Druantia_11 Start: 6885, Stop: 8582, Start Num: 102

Candidate Starts for Druantia_11:
(Start: 102 @6885 has 391 MA's), (Start: 126 @6909 has 206 MA's), (Start: 239 @7032 has 2 MA's), (339, 7122), (363, 7155), (426, 7254), (473, 7338), (476, 7341), (503, 7380), (558, 7449), (569, 7473), (593, 7539), (634, 7629), (720, 7794), (778, 7881), (798, 7914), (864, 7980), (913, 8052), (915, 8055), (928, 8079), (980, 8130), (988, 8145), (1007, 8184), (1026, 8205), (1096, 8301), (1269, 8538), (1292, 8568), (1294, 8571),

Gene: Dublin_8 Start: 6128, Stop: 7906, Start Num: 53
Candidate Starts for Dublin_8:
(Start: 53 @6128 has 20 MA's), (Start: 63 @6155 has 32 MA's), (114, 6224), (228, 6338), (Start: 231 @6344 has 26 MA's), (350, 6476), (406, 6551), (407, 6554), (426, 6587), (445, 6620), (521, 6728), (536, 6752), (558, 6785), (593, 6860), (613, 6905), (643, 6983), (646, 6989), (743, 7154), (763, 7187), (778, 7208), (915, 7382), (928, 7406), (930, 7409), (988, 7469), (992, 7481), (1007, 7508), (1026, 7529), (1086, 7613), (1096, 7625), (1184, 7718), (1269, 7862), (1294, 7895), (1299, 7901),

Gene: Dubu_2 Start: 550, Stop: 2163, Start Num: 186
Candidate Starts for Dubu_2:
(Start: 186 @550 has 2 MA's), (218, 574), (265, 643), (288, 676), (322, 727), (335, 745), (340, 751), (377, 820), (426, 916), (442, 940), (454, 973), (476, 1003), (499, 1033), (521, 1054), (526, 1060), (543, 1087), (590, 1174), (593, 1183), (597, 1195), (607, 1216), (621, 1231), (654, 1306), (707, 1384), (801, 1492), (882, 1585), (890, 1600), (962, 1708), (992, 1765), (1020, 1801), (1064, 1834), (1090, 1870), (1113, 1903), (1205, 2008), (1243, 2071), (1246, 2077), (1248, 2080), (1277, 2131), (1294, 2152),

Gene: DudeLittle_12 Start: 7538, Stop: 9325, Start Num: 103
Candidate Starts for DudeLittle_12:
(Start: 103 @7538 has 278 MA's), (Start: 206 @7646 has 29 MA's), (226, 7667), (288, 7775), (406, 7937), (473, 8057), (476, 8060), (558, 8168), (593, 8258), (603, 8282), (663, 8399), (673, 8414), (857, 8714), (992, 8900), (1007, 8927), (1026, 8948), (1096, 9044), (1269, 9281), (1290, 9308), (1292, 9311),

Gene: Duffington_17 Start: 10486, Stop: 12231, Start Num: 217
Candidate Starts for Duffington_17:
(Start: 217 @10486 has 209 MA's), (222, 10492), (280, 10579), (287, 10585), (315, 10621), (343, 10675), (345, 10681), (402, 10777), (446, 10852), (504, 10960), (525, 10981), (547, 11023), (561, 11050), (604, 11152), (628, 11209), (647, 11266), (653, 11278), (680, 11338), (728, 11437), (731, 11443), (765, 11500), (804, 11566), (940, 11752), (949, 11761), (982, 11803), (991, 11827), (1000, 11848), (1003, 11851), (1179, 12076), (1182, 12079), (1196, 12091), (1244, 12181), (1246, 12184),

Gene: Duggle_3 Start: 1074, Stop: 2534, Start Num: 193
Candidate Starts for Duggle_3:
(Start: 193 @1074 has 146 MA's), (325, 1242), (330, 1251), (377, 1311), (415, 1380), (431, 1401), (455, 1452), (606, 1656), (744, 1869), (753, 1884), (777, 1920), (804, 1962), (832, 1995), (840, 2013), (923, 2133), (925, 2136), (936, 2148), (990, 2223), (1031, 2286), (1044, 2304), (1045, 2307), (1186, 2469), (1199, 2478), (1205, 2487), (1232, 2526),

Gene: Dulcie_10 Start: 6646, Stop: 8334, Start Num: 102
Candidate Starts for Dulcie_10:
(Start: 102 @6646 has 391 MA's), (363, 6910), (379, 6934), (476, 7096), (500, 7129), (558, 7204), (593, 7294), (603, 7318), (621, 7345), (637, 7393), (643, 7411), (679, 7462), (720, 7549), (760, 7609), (939, 7843), (952, 7855), (988, 7897), (995, 7918), (1020, 7945), (1096, 8053), (1182, 8143), (1246, 8248),

Gene: Dulcita_15 Start: 4718, Stop: 6262, Start Num: 181

Candidate Starts for Dulcita_15:
(Start: 181 @4718 has 21 MA's), (223, 4766), (377, 4967), (454, 5105), (595, 5297), (700, 5507), (733, 5558), (782, 5630), (873, 5693), (893, 5717), (902, 5732), (939, 5792), (953, 5804), (988, 5864), (1003, 5897), (1028, 5930), (1045, 5957), (1090, 6005), (1228, 6191), (1241, 6212),

Gene: Dumbo_8 Start: 2277, Stop: 3947, Start Num: 301
Candidate Starts for Dumbo_8:
(Start: 301 @2277 has 48 MA's), (344, 2340), (479, 2574), (548, 2676), (632, 2856), (641, 2880), (650, 2898), (663, 2910), (694, 2973), (698, 2985), (725, 3030), (734, 3045), (784, 3123), (811, 3168), (845, 3222), (851, 3228), (917, 3342), (994, 3486), (1019, 3522), (1118, 3675), (1129, 3687), (1175, 3744), (1205, 3780), (1235, 3831), (1251, 3867), (1253, 3870), (1294, 3936),

Gene: DumpsterDude_2 Start: 434, Stop: 1993, Start Num: 180
Candidate Starts for DumpsterDude_2:
(Start: 42 @278 has 1 MA's), (50, 302), (Start: 63 @335 has 32 MA's), (86, 365), (Start: 180 @434 has 11 MA's), (Start: 255 @500 has 1 MA's), (313, 569), (338, 608), (409, 707), (447, 758), (454, 779), (455, 782), (491, 824), (548, 878), (599, 986), (641, 1070), (642, 1073), (679, 1136), (691, 1166), (701, 1184), (702, 1187), (826, 1376), (866, 1430), (873, 1439), (914, 1502), (953, 1550), (963, 1559), (968, 1568), (988, 1595), (989, 1598), (1000, 1625), (1044, 1685), (1061, 1706), (1148, 1811), (1168, 1844), (1219, 1913), (1267, 1973),

Gene: DuncansLeg_5 Start: 1193, Stop: 2758, Start Num: 149
Candidate Starts for DuncansLeg_5:
(65, 1085), (69, 1091), (Start: 104 @1142 has 125 MA's), (Start: 112 @1151 has 1 MA's), (Start: 149 @1193 has 70 MA's), (Start: 155 @1199 has 82 MA's), (284, 1370), (Start: 314 @1403 has 1 MA's), (374, 1475), (379, 1481), (381, 1487), (476, 1643), (484, 1652), (486, 1655), (488, 1658), (550, 1733), (582, 1787), (584, 1790), (585, 1793), (688, 2024), (737, 2099), (753, 2120), (757, 2126), (777, 2153), (808, 2195), (848, 2219), (866, 2237), (873, 2246), (876, 2252), (963, 2366), (988, 2405), (990, 2411), (1031, 2477), (1078, 2531), (1087, 2543), (1111, 2567), (1118, 2579), (1155, 2618), (1228, 2705), (1252, 2750), (1254, 2753),

Gene: Duplicity_2 Start: 504, Stop: 2036, Start Num: 234
Candidate Starts for Duplicity_2:
(Start: 231 @501 has 26 MA's), (Start: 234 @504 has 29 MA's), (243, 516), (Start: 245 @519 has 1 MA's), (282, 576), (Start: 297 @594 has 2 MA's), (309, 606), (368, 678), (380, 696), (390, 714), (400, 735), (443, 798), (459, 837), (487, 870), (508, 918), (573, 1002), (584, 1017), (601, 1068), (605, 1077), (623, 1101), (636, 1140), (637, 1143), (641, 1155), (713, 1281), (728, 1305), (769, 1368), (830, 1452), (886, 1524), (902, 1548), (925, 1590), (930, 1599), (977, 1656), (995, 1695), (1033, 1752), (1041, 1758), (1047, 1761), (1079, 1782), (1109, 1830), (1134, 1866), (1207, 1947), (1210, 1953),

Gene: Duplo_15 Start: 7416, Stop: 9203, Start Num: 103
Candidate Starts for Duplo_15:
(31, 7257), (34, 7284), (Start: 103 @7416 has 278 MA's), (Start: 206 @7524 has 29 MA's), (226, 7545), (262, 7611), (288, 7653), (350, 7740), (473, 7935), (476, 7938), (558, 8046), (593, 8136), (603, 8160), (646, 8259), (671, 8289), (673, 8292), (729, 8403), (857, 8592), (980, 8751), (988, 8766), (992, 8778), (1007, 8805), (1026, 8826), (1086, 8910), (1096, 8922), (1182, 9012), (1269, 9159), (1290, 9186), (1292, 9189),

Gene: Dussy_12 Start: 7007, Stop: 8695, Start Num: 102
Candidate Starts for Dussy_12:
(Start: 102 @7007 has 391 MA's), (Start: 302 @7187 has 3 MA's), (363, 7271), (383, 7307), (406, 7334), (476, 7457), (558, 7565), (593, 7655), (603, 7679), (621, 7706), (637, 7754), (679, 7823), (720, 7910), (760, 7970), (930, 8195), (939, 8204), (952, 8216), (988, 8258), (995, 8279), (1020, 8306),

(1096, 8414), (1182, 8504), (1246, 8609),

Gene: Dusty_29 Start: 8433, Stop: 10181, Start Num: 127
Candidate Starts for Dusty_29:
(Start: 127 @8433 has 26 MA's), (153, 8463), (277, 8589), (280, 8592), (378, 8706), (419, 8778), (433, 8817), (447, 8841), (478, 8889), (496, 8916), (619, 9138), (627, 9156), (704, 9318), (756, 9366), (766, 9381), (901, 9564), (905, 9570), (957, 9654), (991, 9741), (1016, 9774), (1084, 9888), (1115, 9924), (1134, 9948), (1159, 9963), (1273, 10137), (1278, 10143),

Gene: DustyMartin_14 Start: 6755, Stop: 8446, Start Num: 102
Candidate Starts for DustyMartin_14:
(Start: 102 @6755 has 391 MA's), (Start: 126 @6779 has 206 MA's), (Start: 239 @6902 has 2 MA's), (316, 6968), (350, 7022), (363, 7034), (390, 7079), (426, 7133), (443, 7160), (450, 7175), (476, 7220), (503, 7259), (543, 7307), (558, 7328), (569, 7352), (593, 7403), (646, 7526), (732, 7673), (769, 7733), (798, 7778), (864, 7844), (915, 7919), (928, 7943), (988, 8009), (1026, 8069), (1096, 8165), (1134, 8219), (1269, 8402), (1292, 8432), (1294, 8435),

Gene: Dwayne_6 Start: 2377, Stop: 4023, Start Num: 75
Candidate Starts for Dwayne_6:
(Start: 75 @2377 has 95 MA's), (Start: 92 @2395 has 10 MA's), (Start: 239 @2527 has 2 MA's), (325, 2599), (350, 2635), (462, 2815), (480, 2836), (515, 2881), (543, 2923), (582, 2995), (593, 3019), (638, 3118), (643, 3133), (663, 3157), (665, 3163), (786, 3331), (915, 3481), (927, 3502), (980, 3565), (992, 3592), (1064, 3700), (1096, 3739), (1112, 3760), (1116, 3766), (1130, 3784), (1217, 3880), (1251, 3940), (1300, 4018),

Gene: Dynamite_8 Start: 3847, Stop: 5601, Start Num: 217
Candidate Starts for Dynamite_8:
(172, 3793), (Start: 211 @3841 has 88 MA's), (Start: 217 @3847 has 209 MA's), (280, 3940), (287, 3946), (402, 4138), (446, 4213), (458, 4243), (482, 4273), (504, 4321), (523, 4339), (525, 4342), (547, 4384), (604, 4513), (680, 4699), (728, 4798), (770, 4870), (804, 4927), (859, 5005), (868, 5017), (949, 5131), (967, 5149), (990, 5194), (1000, 5218), (1003, 5221), (1030, 5260), (1131, 5401), (1179, 5446), (1182, 5449), (1196, 5461), (1226, 5509), (1242, 5542), (1244, 5551), (1246, 5554),

Gene: Dynamix_12 Start: 7056, Stop: 8744, Start Num: 102
Candidate Starts for Dynamix_12:
(Start: 102 @7056 has 391 MA's), (Start: 302 @7236 has 3 MA's), (363, 7320), (383, 7356), (406, 7383), (476, 7506), (558, 7614), (593, 7704), (603, 7728), (621, 7755), (637, 7803), (720, 7959), (758, 8016), (760, 8019), (939, 8253), (952, 8265), (988, 8307), (995, 8328), (1020, 8355), (1096, 8463), (1182, 8553), (1246, 8658),

Gene: Dynamo_2 Start: 413, Stop: 2089, Start Num: 134
Candidate Starts for Dynamo_2:
(Start: 134 @413 has 105 MA's), (313, 629), (338, 668), (360, 725), (362, 731), (373, 749), (397, 794), (404, 806), (409, 815), (414, 821), (451, 878), (459, 899), (467, 911), (541, 1001), (636, 1190), (702, 1286), (720, 1316), (736, 1337), (837, 1490), (984, 1688), (989, 1697), (1000, 1724), (1031, 1766), (1044, 1784), (1118, 1868), (1130, 1883), (1269, 2072),

Gene: DyoEdafos_5 Start: 958, Stop: 2520, Start Num: 149
Candidate Starts for DyoEdafos_5:
(Start: 149 @958 has 70 MA's), (Start: 155 @964 has 82 MA's), (271, 1114), (Start: 324 @1180 has 4 MA's), (348, 1210), (374, 1234), (381, 1246), (382, 1249), (404, 1291), (488, 1417), (599, 1600), (636, 1675), (700, 1801), (713, 1822), (728, 1846), (733, 1852), (753, 1882), (757, 1888), (782, 1924), (808, 1957), (848, 1981), (876, 2014), (918, 2080), (963, 2128), (968, 2137), (980, 2152), (990, 2173), (1031,

2239), (1118, 2341), (1224, 2461), (1228, 2467), (1241, 2488), (1252, 2512),

Gene: E1_3 Start: 1202, Stop: 2782, Start Num: 211
Candidate Starts for E1_3:
(Start: 202 @1193 has 4 MA's), (Start: 205 @1196 has 7 MA's), (Start: 211 @1202 has 88 MA's), (Start: 231 @1229 has 26 MA's), (253, 1262), (282, 1292), (Start: 297 @1310 has 2 MA's), (Start: 300 @1313 has 12 MA's), (312, 1328), (Start: 324 @1349 has 4 MA's), (325, 1352), (394, 1439), (400, 1451), (409, 1469), (421, 1499), (422, 1502), (456, 1574), (460, 1580), (487, 1616), (491, 1622), (517, 1655), (559, 1712), (584, 1754), (586, 1760), (623, 1841), (635, 1877), (636, 1880), (646, 1907), (651, 1916), (669, 1952), (784, 2096), (808, 2126), (829, 2153), (836, 2168), (844, 2180), (877, 2222), (898, 2264), (906, 2273), (914, 2297), (953, 2345), (962, 2351), (973, 2372), (974, 2375), (1015, 2429), (1031, 2459), (1093, 2498), (1111, 2522), (1133, 2555), (1165, 2573), (1189, 2600), (1196, 2606), (1203, 2618), (1235, 2666), (1249, 2696), (1298, 2771),

Gene: EGUnicorn_2 Start: 501, Stop: 2036, Start Num: 231
Candidate Starts for EGUnicorn_2:
(Start: 231 @501 has 26 MA's), (Start: 234 @504 has 29 MA's), (243, 516), (Start: 245 @519 has 1 MA's), (282, 576), (Start: 297 @594 has 2 MA's), (309, 606), (368, 678), (380, 696), (390, 714), (400, 735), (443, 798), (459, 837), (487, 870), (508, 918), (573, 1002), (584, 1017), (601, 1068), (605, 1077), (623, 1101), (636, 1140), (637, 1143), (641, 1155), (713, 1281), (728, 1305), (769, 1368), (830, 1452), (886, 1524), (902, 1548), (925, 1590), (930, 1599), (977, 1656), (995, 1695), (1033, 1752), (1041, 1758), (1047, 1761), (1079, 1782), (1109, 1830), (1134, 1866), (1207, 1947), (1210, 1953),

Gene: ELB20_05 Start: 2194, Stop: 3855, Start Num: 75
Candidate Starts for ELB20_05:
(Start: 75 @2194 has 95 MA's), (320, 2416), (382, 2512), (443, 2605), (450, 2620), (462, 2647), (480, 2668), (543, 2755), (593, 2851), (607, 2884), (634, 2938), (646, 2971), (665, 2995), (701, 3064), (766, 3127), (769, 3133), (786, 3163), (869, 3247), (913, 3310), (915, 3313), (920, 3325), (927, 3334), (933, 3343), (980, 3397), (992, 3424), (1096, 3571), (1112, 3592), (1130, 3616), (1196, 3676), (1251, 3772), (1300, 3850),

Gene: ELee24_3 Start: 1134, Stop: 2594, Start Num: 193
Candidate Starts for ELee24_3:
(Start: 193 @1134 has 146 MA's), (Start: 198 @1140 has 6 MA's), (377, 1371), (415, 1440), (431, 1461), (455, 1512), (606, 1716), (669, 1851), (744, 1929), (753, 1944), (765, 1962), (777, 1980), (804, 2022), (832, 2055), (840, 2073), (923, 2193), (925, 2196), (936, 2208), (943, 2220), (990, 2283), (1028, 2340), (1031, 2346), (1044, 2364), (1045, 2367), (1186, 2529), (1199, 2538), (1205, 2547), (1232, 2586),

Gene: EMsquaredA_2 Start: 485, Stop: 2284, Start Num: 113
Candidate Starts for EMsquaredA_2:
(Start: 113 @485 has 24 MA's), (240, 623), (256, 650), (343, 782), (350, 797), (414, 881), (429, 911), (434, 923), (443, 932), (460, 971), (476, 992), (527, 1052), (541, 1076), (580, 1148), (596, 1184), (614, 1220), (647, 1310), (663, 1331), (685, 1376), (687, 1382), (698, 1400), (705, 1415), (868, 1589), (892, 1616), (930, 1685), (936, 1691), (988, 1757), (992, 1769), (1007, 1796), (1064, 1907), (1086, 1943), (1096, 1955), (1100, 1961), (1111, 1979), (1128, 2006), (1143, 2030), (1189, 2093), (1217, 2135), (1249, 2192), (1256, 2207), (1265, 2222), (1300, 2270), (1302, 2273),

Gene: EZMoney23_16 Start: 9406, Stop: 11193, Start Num: 103
Candidate Starts for EZMoney23_16:
(Start: 103 @9406 has 278 MA's), (Start: 206 @9514 has 29 MA's), (226, 9535), (288, 9643), (325, 9694), (350, 9730), (388, 9784), (473, 9925), (476, 9928), (503, 9967), (558, 10036), (593, 10126), (603, 10150), (673, 10282), (915, 10669), (992, 10768), (1007, 10795), (1026, 10816), (1086, 10900),

(1096, 10912), (1269, 11149), (1290, 11176), (1292, 11179), (1294, 11182), (1296, 11185),

Gene: Eagle_10 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Eagle_10:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: EagleEye_14 Start: 7590, Stop: 9344, Start Num: 103
Candidate Starts for EagleEye_14:
(Start: 103 @7590 has 278 MA's), (Start: 231 @7722 has 26 MA's), (288, 7821), (350, 7908), (406, 7983), (445, 8052), (473, 8103), (476, 8106), (558, 8214), (593, 8304), (603, 8328), (671, 8457), (673, 8460), (687, 8496), (857, 8736), (864, 8745), (915, 8820), (980, 8892), (988, 8907), (1007, 8946), (1026, 8967), (1086, 9051), (1096, 9063), (1196, 9168), (1246, 9258), (1251, 9267), (1269, 9300), (1290, 9327), (1292, 9330), (1294, 9333), (1296, 9336),

Gene: Eaglepride_12 Start: 6703, Stop: 8379, Start Num: 102
Candidate Starts for Eaglepride_12:
(Start: 102 @6703 has 391 MA's), (Start: 239 @6835 has 2 MA's), (325, 6919), (350, 6955), (363, 6967), (443, 7093), (476, 7153), (503, 7192), (543, 7240), (558, 7261), (569, 7285), (593, 7336), (646, 7459), (687, 7528), (769, 7666), (798, 7711), (864, 7777), (915, 7852), (928, 7876), (988, 7942), (992, 7954), (1007, 7981), (1026, 8002), (1096, 8098), (1144, 8167), (1267, 8332), (1269, 8335), (1292, 8365), (1294, 8368),

Gene: Eapen_11 Start: 6886, Stop: 8583, Start Num: 102
Candidate Starts for Eapen_11:
(Start: 102 @6886 has 391 MA's), (Start: 126 @6910 has 206 MA's), (Start: 239 @7033 has 2 MA's), (339, 7123), (363, 7156), (426, 7255), (473, 7339), (476, 7342), (503, 7381), (558, 7450), (569, 7474), (593, 7540), (634, 7630), (720, 7795), (778, 7882), (798, 7915), (864, 7981), (913, 8053), (915, 8056), (928, 8080), (980, 8131), (988, 8146), (1007, 8185), (1026, 8206), (1096, 8302), (1269, 8539), (1292, 8569), (1294, 8572),

Gene: Easley_3 Start: 820, Stop: 2379, Start Num: 134
Candidate Starts for Easley_3:
(Start: 134 @820 has 105 MA's), (251, 928), (313, 1006), (332, 1039), (396, 1120), (397, 1123), (402, 1132), (431, 1168), (461, 1228), (550, 1318), (552, 1321), (596, 1414), (599, 1423), (607, 1438), (647, 1522), (679, 1573), (736, 1639), (760, 1681), (806, 1750), (810, 1756), (837, 1795), (855, 1816), (873, 1840), (876, 1846), (895, 1867), (918, 1912), (950, 1948), (952, 1951), (986, 1993), (1078, 2122), (1120, 2173), (1214, 2302), (1266, 2362),

Gene: Ebert_2 Start: 318, Stop: 1889, Start Num: 134
Candidate Starts for Ebert_2:
(Start: 134 @318 has 105 MA's), (251, 426), (281, 474), (313, 504), (332, 537), (397, 621), (402, 630), (431, 666), (461, 726), (550, 816), (596, 912), (607, 936), (630, 978), (654, 1032), (679, 1071), (736, 1137), (741, 1149), (760, 1179), (783, 1212), (837, 1293), (873, 1338), (876, 1344), (895, 1365), (950, 1455), (986, 1500), (989, 1506), (1003, 1536), (1005, 1539), (1044, 1593), (1078, 1629), (1120, 1680), (1162, 1740), (1164, 1743), (1200, 1785), (1266, 1872),

Gene: Ebony_12 Start: 8082, Stop: 9845, Start Num: 103
Candidate Starts for Ebony_12:

(Start: 103 @8082 has 278 MA's), (Start: 123 @8103 has 9 MA's), (Start: 206 @8190 has 29 MA's), (288, 8319), (309, 8343), (350, 8406), (445, 8550), (473, 8601), (476, 8604), (558, 8715), (569, 8739), (571, 8742), (593, 8805), (596, 8814), (603, 8829), (663, 8946), (673, 8961), (701, 9021), (751, 9105), (920, 9333), (928, 9345), (980, 9393), (988, 9408), (1007, 9447), (1026, 9468), (1049, 9507), (1086, 9552), (1096, 9564), (1269, 9801), (1290, 9828),

Gene: Echild_12 Start: 7541, Stop: 9328, Start Num: 103
Candidate Starts for Echild_12:
(25, 7367), (Start: 103 @7541 has 278 MA's), (Start: 206 @7649 has 29 MA's), (226, 7670), (288, 7778), (350, 7865), (473, 8060), (476, 8063), (558, 8171), (593, 8261), (603, 8285), (663, 8402), (673, 8417), (857, 8717), (992, 8903), (1007, 8930), (1026, 8951), (1096, 9047), (1269, 9284), (1290, 9311), (1292, 9314),

Gene: EdElric_3 Start: 1074, Stop: 2534, Start Num: 193
Candidate Starts for EdElric_3:
(Start: 193 @1074 has 146 MA's), (Start: 198 @1080 has 6 MA's), (325, 1242), (330, 1251), (377, 1311), (415, 1380), (431, 1401), (455, 1452), (606, 1656), (744, 1869), (753, 1884), (777, 1920), (804, 1962), (832, 1995), (840, 2013), (923, 2133), (925, 2136), (936, 2148), (990, 2223), (1031, 2286), (1044, 2304), (1045, 2307), (1186, 2469), (1199, 2478), (1205, 2487), (1232, 2526),

Gene: Eddasa_7 Start: 2562, Stop: 4208, Start Num: 75
Candidate Starts for Eddasa_7:
(Start: 75 @2562 has 95 MA's), (Start: 92 @2580 has 10 MA's), (325, 2784), (382, 2865), (462, 3000), (480, 3021), (515, 3066), (543, 3108), (582, 3180), (593, 3204), (634, 3291), (638, 3303), (673, 3357), (751, 3456), (786, 3516), (920, 3678), (927, 3687), (992, 3777), (1017, 3810), (1062, 3882), (1064, 3885), (1096, 3924), (1112, 3945), (1116, 3951), (1130, 3969), (1217, 4065), (1251, 4125),

Gene: Eddiemania_16 Start: 9670, Stop: 11415, Start Num: 217
Candidate Starts for Eddiemania_16:
(Start: 217 @9670 has 209 MA's), (222, 9676), (280, 9763), (287, 9769), (315, 9805), (343, 9859), (353, 9889), (504, 10144), (523, 10162), (525, 10165), (561, 10234), (584, 10273), (604, 10336), (628, 10393), (660, 10474), (680, 10522), (728, 10621), (731, 10627), (761, 10678), (765, 10684), (791, 10726), (804, 10750), (949, 10945), (982, 10987), (991, 11011), (1000, 11032), (1003, 11035), (1068, 11128), (1131, 11215), (1179, 11260), (1182, 11263), (1196, 11275), (1244, 11365), (1246, 11368),

Gene: Eden_2 Start: 659, Stop: 2224, Start Num: 211
Candidate Starts for Eden_2:
(Start: 211 @659 has 88 MA's), (Start: 231 @686 has 26 MA's), (330, 815), (409, 923), (414, 929), (426, 938), (459, 1007), (489, 1049), (554, 1106), (585, 1157), (607, 1220), (797, 1535), (914, 1709), (920, 1721), (1222, 2081), (1261, 2153), (1314, 2216),

Gene: Edison31_11 Start: 6714, Stop: 8405, Start Num: 102
Candidate Starts for Edison31_11:
(Start: 102 @6714 has 391 MA's), (Start: 126 @6738 has 206 MA's), (Start: 239 @6861 has 2 MA's), (350, 6981), (363, 6993), (390, 7038), (426, 7092), (443, 7119), (450, 7134), (476, 7179), (503, 7218), (543, 7266), (558, 7287), (569, 7311), (593, 7362), (646, 7485), (720, 7617), (769, 7692), (798, 7737), (864, 7803), (915, 7878), (928, 7902), (988, 7968), (1007, 8007), (1015, 8010), (1026, 8028), (1096, 8124), (1144, 8193), (1269, 8361), (1292, 8391), (1294, 8394),

Gene: EdnaMode_2 Start: 318, Stop: 1889, Start Num: 134
Candidate Starts for EdnaMode_2:
(Start: 134 @318 has 105 MA's), (313, 504), (332, 537), (397, 621), (402, 630), (431, 666), (461, 726), (550, 816), (552, 819), (596, 912), (607, 936), (630, 978), (654, 1032), (679, 1071), (736, 1137), (741,

1149), (760, 1179), (783, 1212), (837, 1293), (873, 1338), (876, 1344), (895, 1365), (950, 1455), (986, 1500), (989, 1506), (1003, 1536), (1005, 1539), (1044, 1593), (1078, 1629), (1120, 1680), (1162, 1740), (1164, 1743), (1200, 1785), (1266, 1872),

Gene: EdogawaKiddo_13 Start: 8109, Stop: 9896, Start Num: 103
Candidate Starts for EdogawaKiddo_13:
(Start: 103 @8109 has 278 MA's), (Start: 117 @8124 has 12 MA's), (Start: 123 @8130 has 9 MA's), (Start: 231 @8241 has 26 MA's), (288, 8340), (406, 8502), (445, 8574), (476, 8628), (503, 8667), (558, 8739), (593, 8829), (603, 8853), (663, 8970), (673, 8985), (727, 9093), (776, 9168), (798, 9204), (837, 9264), (920, 9384), (936, 9405), (980, 9444), (1007, 9498), (1015, 9501), (1026, 9519), (1061, 9573), (1086, 9603), (1096, 9615), (1182, 9705), (1198, 9723), (1269, 9852), (1290, 9879), (1292, 9882),

Gene: Edtherson_12 Start: 7504, Stop: 9192, Start Num: 102
Candidate Starts for Edtherson_12:
(Start: 102 @7504 has 391 MA's), (Start: 302 @7684 has 3 MA's), (363, 7768), (383, 7804), (406, 7831), (476, 7954), (500, 7987), (558, 8062), (593, 8152), (603, 8176), (621, 8203), (637, 8251), (714, 8395), (720, 8407), (760, 8467), (939, 8701), (952, 8713), (988, 8755), (995, 8776), (1020, 8803), (1096, 8911), (1182, 9001), (1246, 9106),

Gene: Eesa_3 Start: 958, Stop: 2538, Start Num: 224
Candidate Starts for Eesa_3:
(Start: 164 @892 has 12 MA's), (Start: 224 @958 has 17 MA's), (Start: 300 @1054 has 12 MA's), (306, 1063), (355, 1117), (374, 1144), (381, 1156), (401, 1195), (409, 1210), (430, 1234), (443, 1255), (607, 1507), (636, 1567), (643, 1588), (674, 1648), (687, 1678), (698, 1687), (744, 1750), (905, 1978), (923, 2017), (949, 2044), (963, 2059), (980, 2089), (1014, 2128), (1063, 2206), (1093, 2236), (1102, 2251), (1114, 2263), (1203, 2377), (1246, 2446), (1249, 2452), (1255, 2464), (1259, 2473), (1265, 2485), (1267, 2488), (1306, 2527),

Gene: Eevee_12 Start: 8663, Stop: 10423, Start Num: 217
Candidate Starts for Eevee_12:
(Start: 211 @8657 has 88 MA's), (Start: 214 @8660 has 4 MA's), (Start: 217 @8663 has 209 MA's), (Start: 231 @8684 has 26 MA's), (252, 8717), (259, 8738), (280, 8756), (287, 8762), (323, 8813), (325, 8819), (441, 9017), (449, 9035), (458, 9059), (483, 9092), (504, 9137), (525, 9158), (604, 9329), (621, 9365), (657, 9461), (660, 9467), (680, 9515), (728, 9614), (748, 9650), (765, 9677), (770, 9686), (804, 9743), (859, 9827), (868, 9839), (949, 9953), (1000, 10040), (1003, 10043), (1101, 10181), (1146, 10247), (1161, 10250), (1182, 10271), (1196, 10283), (1242, 10364), (1246, 10376),

Gene: Efeko_4 Start: 928, Stop: 2388, Start Num: 193
Candidate Starts for Efeko_4:
(Start: 193 @928 has 146 MA's), (289, 1048), (Start: 324 @1096 has 4 MA's), (374, 1165), (415, 1237), (431, 1258), (434, 1264), (455, 1309), (586, 1459), (602, 1504), (623, 1537), (744, 1726), (770, 1768), (777, 1777), (832, 1852), (838, 1867), (840, 1870), (900, 1951), (936, 2005), (965, 2041), (968, 2047), (1028, 2134), (1045, 2161), (1069, 2191), (1186, 2323), (1205, 2341), (1232, 2380),

Gene: Egad_8 Start: 3619, Stop: 5367, Start Num: 217
Candidate Starts for Egad_8:
(Start: 200 @3601 has 5 MA's), (Start: 217 @3619 has 209 MA's), (280, 3712), (287, 3718), (325, 3775), (353, 3838), (458, 4015), (504, 4093), (525, 4114), (580, 4216), (604, 4285), (611, 4300), (628, 4342), (680, 4471), (713, 4546), (728, 4570), (791, 4675), (804, 4699), (868, 4783), (949, 4897), (967, 4915), (1000, 4984), (1003, 4987), (1038, 5038), (1068, 5080), (1131, 5167), (1161, 5194), (1182, 5215), (1196, 5227), (1207, 5245), (1246, 5320),

Gene: Eidsmoe_13 Start: 8139, Stop: 9926, Start Num: 103

Candidate Starts for Eidsmoe_13:
(Start: 103 @8139 has 278 MA's), (Start: 117 @8154 has 12 MA's), (Start: 123 @8160 has 9 MA's), (Start: 231 @8271 has 26 MA's), (288, 8370), (406, 8532), (445, 8604), (476, 8658), (503, 8697), (558, 8769), (593, 8859), (603, 8883), (663, 9000), (673, 9015), (727, 9123), (776, 9198), (798, 9234), (837, 9294), (920, 9414), (936, 9435), (980, 9474), (1007, 9528), (1015, 9531), (1026, 9549), (1061, 9603), (1086, 9633), (1096, 9645), (1182, 9735), (1198, 9753), (1269, 9882), (1290, 9909), (1292, 9912),

Gene: Eightball_3 Start: 1086, Stop: 2546, Start Num: 193
Candidate Starts for Eightball_3:
(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (744, 1881), (753, 1896), (777, 1932), (804, 1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: Eileen_2 Start: 625, Stop: 2373, Start Num: 236
Candidate Starts for Eileen_2:
(189, 574), (213, 601), (Start: 236 @625 has 15 MA's), (271, 685), (295, 718), (358, 820), (382, 859), (385, 865), (395, 883), (403, 898), (405, 901), (419, 919), (426, 931), (439, 961), (482, 1039), (498, 1063), (510, 1075), (536, 1114), (548, 1135), (567, 1168), (603, 1255), (605, 1261), (664, 1363), (691, 1420), (697, 1435), (723, 1474), (784, 1570), (907, 1747), (913, 1762), (924, 1786), (1041, 1996), (1056, 2020), (1064, 2038), (1088, 2068), (1098, 2083), (1129, 2125), (1150, 2152), (1177, 2176), (1185, 2185), (1251, 2290),

Gene: Ein37_5 Start: 1855, Stop: 3489, Start Num: 84
Candidate Starts for Ein37_5:
(Start: 84 @1855 has 21 MA's), (Start: 128 @1894 has 3 MA's), (199, 1942), (332, 2113), (373, 2152), (487, 2332), (494, 2341), (499, 2350), (550, 2413), (555, 2419), (594, 2503), (595, 2506), (596, 2509), (642, 2605), (643, 2608), (647, 2617), (690, 2683), (720, 2713), (738, 2740), (758, 2773), (772, 2794), (774, 2797), (837, 2893), (855, 2914), (914, 3004), (950, 3046), (965, 3064), (968, 3070), (1005, 3133), (1009, 3139), (1017, 3142), (1044, 3187), (1047, 3193), (1069, 3220), (1087, 3235), (1130, 3286), (1135, 3295), (1145, 3310), (1148, 3313), (1176, 3352), (1188, 3367), (1200, 3382), (1202, 3385), (1263, 3463), (1267, 3469),

Gene: Eish_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for Eish_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 184 @629 has 3 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (310, 758), (372, 845), (419, 905), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (689, 1388), (695, 1397), (845, 1568), (859, 1580), (872, 1598), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1130, 1964), (1140, 1979), (1176, 2006), (1202, 2039), (1214, 2060), (1219, 2066), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: Ejemplo_6 Start: 2380, Stop: 4026, Start Num: 75
Candidate Starts for Ejemplo_6:
(Start: 75 @2380 has 95 MA's), (Start: 92 @2398 has 10 MA's), (325, 2602), (350, 2638), (462, 2818), (480, 2839), (543, 2926), (582, 2998), (593, 3022), (638, 3121), (643, 3136), (663, 3160), (665, 3166), (786, 3334), (841, 3394), (915, 3484), (927, 3505), (992, 3595), (1064, 3703), (1096, 3742), (1112, 3763), (1116, 3769), (1130, 3787), (1251, 3943), (1300, 4021),

Gene: Ekko14_3 Start: 1062, Stop: 2522, Start Num: 193
Candidate Starts for Ekko14_3:

(Start: 193 @1062 has 146 MA's), (Start: 198 @1068 has 6 MA's), (325, 1230), (330, 1239), (377, 1299), (415, 1368), (431, 1389), (455, 1440), (606, 1644), (669, 1779), (744, 1857), (753, 1872), (765, 1890), (777, 1908), (804, 1950), (832, 1983), (840, 2001), (923, 2121), (925, 2124), (936, 2136), (943, 2148), (953, 2160), (990, 2211), (1028, 2268), (1031, 2274), (1038, 2283), (1044, 2292), (1045, 2295), (1186, 2457), (1199, 2466), (1205, 2475), (1232, 2514),

Gene: ElGato_7 Start: 2228, Stop: 3874, Start Num: 75
Candidate Starts for ElGato_7:
(Start: 70 @2219 has 1 MA's), (Start: 75 @2228 has 95 MA's), (Start: 78 @2231 has 1 MA's), (Start: 92 @2246 has 10 MA's), (325, 2450), (350, 2486), (382, 2531), (443, 2624), (450, 2639), (462, 2666), (468, 2675), (480, 2687), (543, 2774), (571, 2822), (593, 2870), (638, 2969), (663, 3008), (751, 3122), (763, 3143), (786, 3182), (866, 3263), (915, 3332), (917, 3338), (927, 3353), (980, 3416), (1062, 3548), (1096, 3590), (1116, 3617), (1130, 3635), (1184, 3683), (1251, 3791),

Gene: ElJefes_3 Start: 1422, Stop: 3047, Start Num: 224
Candidate Starts for ElJefes_3:
(Start: 176 @1371 has 83 MA's), (Start: 224 @1422 has 17 MA's), (237, 1443), (295, 1488), (350, 1566), (394, 1632), (434, 1695), (450, 1728), (468, 1764), (476, 1773), (480, 1776), (500, 1809), (507, 1824), (524, 1842), (572, 1923), (582, 1944), (597, 1980), (607, 2001), (628, 2037), (654, 2103), (687, 2157), (791, 2337), (814, 2370), (890, 2436), (892, 2439), (917, 2502), (920, 2508), (1038, 2673), (1061, 2706), (1116, 2775), (1196, 2853), (1198, 2856), (1249, 2946), (1253, 2952), (1265, 2973), (1311, 3033), (1313, 3036),

Gene: ElTiger69_9 Start: 5986, Stop: 7764, Start Num: 53
Candidate Starts for ElTiger69_9:
(Start: 53 @5986 has 20 MA's), (Start: 63 @6013 has 32 MA's), (Start: 105 @6073 has 1 MA's), (114, 6082), (Start: 154 @6121 has 1 MA's), (228, 6196), (Start: 231 @6202 has 26 MA's), (406, 6409), (407, 6412), (521, 6586), (593, 6718), (613, 6763), (643, 6841), (646, 6847), (743, 7012), (763, 7045), (778, 7066), (915, 7240), (928, 7264), (1007, 7366), (1026, 7387), (1061, 7441), (1086, 7471), (1096, 7483), (1134, 7537), (1267, 7717), (1269, 7720), (1294, 7753), (1299, 7759),

Gene: EleanorGeorge_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for EleanorGeorge_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Elener_3 Start: 1848, Stop: 3611, Start Num: 206
Candidate Starts for Elener_3:
(Start: 206 @1848 has 29 MA's), (280, 1944), (Start: 329 @2010 has 15 MA's), (340, 2016), (349, 2043), (356, 2052), (439, 2181), (442, 2187), (510, 2295), (536, 2334), (587, 2433), (664, 2580), (1027, 3207), (1092, 3303), (1175, 3417), (1226, 3471), (1255, 3534),

Gene: ElephantMan_6 Start: 3734, Stop: 5473, Start Num: 217
Candidate Starts for ElephantMan_6:
(Start: 217 @3734 has 209 MA's), (287, 3833), (353, 3953), (426, 4052), (446, 4094), (458, 4124), (482, 4154), (504, 4202), (525, 4223), (580, 4325), (604, 4394), (616, 4418), (647, 4508), (680, 4580),

(713, 4655), (728, 4679), (791, 4784), (804, 4808), (868, 4889), (949, 5003), (967, 5021), (970, 5027), (1000, 5090), (1003, 5093), (1136, 5282), (1146, 5297), (1182, 5321), (1196, 5333), (1244, 5423), (1246, 5426),

Gene: Elephantoon_13 Start: 7764, Stop: 9554, Start Num: 103
Candidate Starts for Elephantoon_13:
(Start: 103 @7764 has 278 MA's), (Start: 117 @7779 has 12 MA's), (Start: 231 @7896 has 26 MA's), (288, 7995), (406, 8157), (445, 8229), (476, 8283), (503, 8322), (558, 8394), (593, 8484), (603, 8508), (673, 8640), (727, 8748), (776, 8823), (798, 8859), (837, 8919), (888, 8979), (920, 9039), (936, 9060), (1007, 9156), (1015, 9159), (1026, 9177), (1061, 9231), (1086, 9261), (1096, 9273), (1184, 9366), (1198, 9381), (1230, 9432), (1269, 9510), (1290, 9537), (1292, 9540),

Gene: Elesar_5 Start: 1971, Stop: 3668, Start Num: 197
Candidate Starts for Elesar_5:
(143, 1911), (Start: 197 @1971 has 23 MA's), (282, 2091), (Start: 300 @2112 has 12 MA's), (330, 2160), (377, 2205), (379, 2208), (400, 2250), (409, 2268), (412, 2271), (430, 2292), (491, 2397), (554, 2451), (607, 2565), (643, 2646), (768, 2877), (815, 2943), (829, 2958), (878, 3033), (908, 3105), (914, 3129), (918, 3138), (943, 3168), (963, 3186), (986, 3228), (1038, 3300), (1093, 3339), (1126, 3384), (1182, 3432), (1203, 3459), (1205, 3462), (1208, 3468), (1222, 3489), (1242, 3519), (1246, 3531), (1292, 3609), (1318, 3657),

Gene: Elezi_2 Start: 534, Stop: 2240, Start Num: 101
Candidate Starts for Elezi_2:
(Start: 101 @534 has 50 MA's), (Start: 224 @621 has 17 MA's), (444, 906), (476, 963), (491, 984), (512, 1011), (572, 1101), (596, 1155), (619, 1200), (646, 1275), (747, 1404), (800, 1488), (828, 1527), (915, 1650), (1038, 1830), (1061, 1863), (1096, 1905), (1106, 1920), (1196, 2055), (1217, 2091), (1251, 2151), (1256, 2163),

Gene: Elfy_2 Start: 457, Stop: 1989, Start Num: 196
Candidate Starts for Elfy_2:
(Start: 196 @457 has 1 MA's), (Start: 215 @478 has 6 MA's), (282, 568), (Start: 297 @586 has 2 MA's), (332, 634), (374, 676), (409, 742), (451, 805), (502, 868), (605, 1030), (631, 1087), (632, 1090), (663, 1159), (791, 1354), (802, 1372), (873, 1462), (923, 1540), (962, 1579), (989, 1621), (1026, 1678), (1042, 1705), (1097, 1777),

Gene: Elinal_5 Start: 906, Stop: 2582, Start Num: 176
Candidate Starts for Elinal_5:
(Start: 176 @906 has 83 MA's), (Start: 224 @957 has 17 MA's), (237, 978), (295, 1023), (325, 1065), (350, 1101), (394, 1167), (450, 1263), (468, 1299), (476, 1308), (480, 1311), (507, 1359), (518, 1371), (572, 1458), (654, 1638), (687, 1692), (791, 1872), (814, 1905), (890, 1971), (917, 2037), (920, 2043), (988, 2127), (1038, 2208), (1061, 2241), (1116, 2310), (1196, 2388), (1253, 2487), (1265, 2508), (1269, 2514), (1311, 2568), (1313, 2571),

Gene: Eliott_4 Start: 1113, Stop: 2792, Start Num: 176
Candidate Starts for Eliott_4:
(Start: 176 @1113 has 83 MA's), (Start: 224 @1164 has 17 MA's), (237, 1185), (Start: 239 @1188 has 2 MA's), (Start: 290 @1224 has 2 MA's), (295, 1230), (350, 1311), (394, 1377), (406, 1386), (443, 1458), (450, 1473), (468, 1509), (476, 1518), (507, 1569), (572, 1668), (596, 1722), (619, 1758), (687, 1902), (706, 1938), (729, 1977), (747, 2010), (778, 2058), (798, 2091), (814, 2115), (863, 2148), (890, 2181), (913, 2238), (917, 2247), (984, 2331), (1038, 2418), (1112, 2514), (1185, 2586), (1196, 2598), (1265, 2718), (1311, 2778), (1313, 2781),

Gene: Elite2014_7 Start: 1729, Stop: 3399, Start Num: 301

Candidate Starts for Elite2014_7:
(226, 1603), (267, 1681), (Start: 301 @1729 has 48 MA's), (344, 1792), (479, 2026), (548, 2128), (632, 2308), (641, 2332), (650, 2350), (663, 2362), (694, 2425), (698, 2437), (725, 2482), (734, 2497), (784, 2575), (811, 2620), (845, 2674), (851, 2680), (917, 2794), (946, 2842), (994, 2938), (1007, 2959), (1019, 2974), (1118, 3127), (1129, 3139), (1175, 3196), (1205, 3232), (1235, 3283), (1251, 3319), (1253, 3322), (1294, 3388),

Gene: Elle_12 Start: 6396, Stop: 8096, Start Num: 103
Candidate Starts for Elle_12:
(Start: 103 @6396 has 278 MA's), (121, 6414), (476, 6858), (558, 6966), (593, 7056), (603, 7080), (663, 7197), (769, 7386), (855, 7485), (928, 7596), (1096, 7815), (1230, 7974), (1269, 8052), (1290, 8079), (1292, 8082), (1294, 8085),

Gene: Ellson_5 Start: 1202, Stop: 2767, Start Num: 149
Candidate Starts for Ellson_5:
(Start: 104 @1151 has 125 MA's), (Start: 112 @1160 has 1 MA's), (Start: 149 @1202 has 70 MA's), (Start: 155 @1208 has 82 MA's), (284, 1379), (374, 1484), (379, 1490), (381, 1496), (476, 1652), (484, 1661), (486, 1664), (488, 1667), (550, 1742), (582, 1796), (584, 1799), (585, 1802), (688, 2033), (737, 2108), (753, 2129), (757, 2135), (777, 2162), (808, 2204), (848, 2228), (866, 2246), (876, 2261), (963, 2375), (988, 2414), (990, 2420), (1031, 2486), (1078, 2540), (1111, 2576), (1118, 2588), (1155, 2627), (1228, 2714), (1252, 2759), (1254, 2762),

Gene: Elph10_9 Start: 2280, Stop: 3950, Start Num: 301
Candidate Starts for Elph10_9:
(Start: 301 @2280 has 48 MA's), (344, 2343), (479, 2577), (548, 2679), (632, 2859), (641, 2883), (650, 2901), (663, 2913), (694, 2976), (698, 2988), (725, 3033), (734, 3048), (784, 3126), (811, 3171), (845, 3225), (851, 3231), (917, 3345), (994, 3489), (1019, 3525), (1118, 3678), (1129, 3690), (1175, 3747), (1205, 3783), (1235, 3834), (1251, 3870), (1253, 3873), (1294, 3939),

Gene: Elsa_8 Start: 4237, Stop: 5991, Start Num: 217
Candidate Starts for Elsa_8:
(172, 4183), (Start: 211 @4231 has 88 MA's), (Start: 217 @4237 has 209 MA's), (280, 4330), (287, 4336), (446, 4603), (458, 4633), (482, 4663), (504, 4711), (523, 4729), (525, 4732), (547, 4774), (604, 4903), (680, 5089), (728, 5188), (770, 5260), (804, 5317), (859, 5395), (868, 5407), (949, 5521), (967, 5539), (990, 5584), (1000, 5608), (1003, 5611), (1030, 5650), (1131, 5791), (1179, 5836), (1182, 5839), (1196, 5851), (1226, 5899), (1242, 5932), (1244, 5941), (1246, 5944),

Gene: Elspeth_3 Start: 1062, Stop: 2522, Start Num: 193
Candidate Starts for Elspeth_3:
(Start: 193 @1062 has 146 MA's), (Start: 198 @1068 has 6 MA's), (325, 1230), (330, 1239), (377, 1299), (415, 1368), (431, 1389), (455, 1440), (606, 1644), (669, 1779), (744, 1857), (753, 1872), (765, 1890), (777, 1908), (804, 1950), (832, 1983), (840, 2001), (923, 2121), (925, 2124), (936, 2136), (943, 2148), (953, 2160), (990, 2211), (1028, 2268), (1031, 2274), (1038, 2283), (1044, 2292), (1045, 2295), (1186, 2457), (1199, 2466), (1205, 2475), (1232, 2514),

Gene: Elva_4 Start: 1014, Stop: 2639, Start Num: 211
Candidate Starts for Elva_4:
(Start: 211 @1014 has 88 MA's), (330, 1170), (381, 1224), (409, 1278), (459, 1362), (485, 1398), (491, 1407), (585, 1512), (586, 1515), (607, 1575), (622, 1593), (623, 1596), (632, 1623), (642, 1653), (744, 1815), (898, 2031), (949, 2106), (963, 2121), (1222, 2472),

Gene: Elver_16 Start: 7584, Stop: 9368, Start Num: 217
Candidate Starts for Elver_16:

(Start: 211 @7578 has 88 MA's), (Start: 217 @7584 has 209 MA's), (287, 7683), (387, 7857), (438, 7932), (458, 7980), (504, 8058), (523, 8076), (525, 8079), (561, 8148), (604, 8250), (625, 8295), (628, 8307), (647, 8364), (680, 8436), (728, 8535), (761, 8592), (770, 8607), (804, 8664), (859, 8733), (868, 8745), (912, 8838), (949, 8898), (967, 8916), (970, 8922), (1000, 8985), (1003, 8988), (1030, 9027), (1125, 9159), (1146, 9192), (1182, 9216), (1196, 9228), (1207, 9246), (1244, 9318), (1246, 9321),

Gene: Emaanora_8 Start: 2376, Stop: 4022, Start Num: 75
Candidate Starts for Emaanora_8:
(Start: 75 @2376 has 95 MA's), (Start: 92 @2394 has 10 MA's), (Start: 239 @2526 has 2 MA's), (325, 2598), (350, 2634), (462, 2814), (480, 2835), (543, 2922), (582, 2994), (593, 3018), (638, 3117), (643, 3132), (663, 3156), (665, 3162), (786, 3330), (915, 3480), (927, 3501), (980, 3564), (992, 3591), (1064, 3699), (1096, 3738), (1112, 3759), (1116, 3765), (1130, 3783), (1217, 3879), (1251, 3939), (1300, 4017),

Gene: Emalyn_3 Start: 805, Stop: 2487, Start Num: 176
Candidate Starts for Emalyn_3:
(Start: 176 @805 has 83 MA's), (Start: 224 @856 has 17 MA's), (237, 877), (Start: 239 @880 has 2 MA's), (350, 1003), (382, 1048), (406, 1078), (443, 1150), (450, 1165), (468, 1201), (476, 1210), (480, 1213), (507, 1261), (558, 1330), (572, 1360), (582, 1381), (597, 1417), (619, 1450), (671, 1555), (687, 1594), (706, 1630), (729, 1669), (747, 1702), (778, 1750), (798, 1783), (814, 1807), (863, 1840), (917, 1939), (920, 1945), (984, 2023), (1007, 2068), (1038, 2110), (1112, 2206), (1170, 2254), (1222, 2329), (1265, 2410), (1311, 2473), (1313, 2476),

Gene: EmiMonkey_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for EmiMonkey_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: EmiRose_2 Start: 963, Stop: 2567, Start Num: 366
Candidate Starts for EmiRose_2:
(Start: 366 @963 has 1 MA's), (436, 1083), (453, 1125), (462, 1146), (506, 1218), (521, 1236), (550, 1287), (624, 1431), (738, 1668), (752, 1692), (762, 1707), (798, 1770), (831, 1821), (873, 1893), (991, 2109), (1048, 2202), (1068, 2226), (1077, 2241), (1112, 2289), (1137, 2325), (1180, 2364),

Gene: Emianna_24 Start: 13154, Stop: 14881, Start Num: 124
Candidate Starts for Emianna_24:
(22, 12920), (52, 13049), (Start: 124 @13154 has 12 MA's), (270, 13304), (317, 13355), (319, 13361), (346, 13400), (361, 13430), (375, 13454), (384, 13472), (398, 13499), (425, 13562), (433, 13580), (597, 13865), (612, 13892), (643, 13976), (695, 14060), (699, 14072), (716, 14105), (798, 14183), (867, 14261), (915, 14333), (937, 14366), (973, 14429), (988, 14456), (996, 14480), (1020, 14504), (1084, 14603), (1121, 14651), (1246, 14789), (1261, 14819), (1297, 14873),

Gene: Emma_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Emma_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's),

(271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Emmina_8 Start: 1834, Stop: 3504, Start Num: 296
Candidate Starts for Emmina_8:
(Start: 296 @1834 has 11 MA's), (479, 2131), (548, 2233), (632, 2413), (641, 2437), (650, 2455), (663, 2467), (694, 2530), (698, 2542), (725, 2587), (734, 2602), (784, 2680), (811, 2725), (845, 2779), (851, 2785), (917, 2899), (946, 2947), (994, 3043), (1007, 3064), (1019, 3079), (1118, 3232), (1129, 3244), (1175, 3301), (1205, 3337), (1235, 3388), (1251, 3424), (1253, 3427), (1294, 3493),

Gene: Emotion_2 Start: 551, Stop: 2290, Start Num: 105
Candidate Starts for Emotion_2:
(Start: 96 @539 has 7 MA's), (Start: 105 @551 has 1 MA's), (162, 611), (Start: 255 @716 has 1 MA's), (429, 932), (434, 944), (462, 995), (476, 1013), (930, 1733), (1096, 1961), (1106, 1976), (1224, 2147), (1256, 2213), (1298, 2276),

Gene: Emperor_2 Start: 438, Stop: 1862, Start Num: 244
Candidate Starts for Emperor_2:
(Start: 202 @417 has 4 MA's), (Start: 244 @438 has 5 MA's), (Start: 314 @534 has 1 MA's), (328, 561), (374, 606), (379, 612), (381, 618), (395, 645), (414, 678), (454, 744), (514, 834), (581, 915), (724, 1146), (912, 1410), (983, 1503), (996, 1536), (1006, 1548), (1227, 1842),

Gene: Empress_2 Start: 571, Stop: 2208, Start Num: 126
Candidate Starts for Empress_2:
(Start: 126 @571 has 206 MA's), (133, 580), (Start: 147 @595 has 3 MA's), (Start: 217 @652 has 209 MA's), (Start: 219 @655 has 2 MA's), (271, 718), (310, 757), (372, 844), (419, 904), (433, 916), (442, 928), (445, 937), (447, 940), (454, 961), (467, 982), (519, 1054), (543, 1093), (580, 1162), (584, 1168), (597, 1198), (598, 1201), (603, 1210), (612, 1225), (621, 1243), (638, 1294), (689, 1387), (695, 1396), (845, 1567), (859, 1579), (915, 1663), (934, 1693), (937, 1696), (940, 1699), (988, 1756), (993, 1771), (995, 1777), (996, 1780), (1007, 1795), (1020, 1804), (1062, 1873), (1082, 1903), (1084, 1912), (1112, 1945), (1140, 1978), (1176, 2005), (1202, 2038), (1222, 2068), (1235, 2089), (1246, 2113), (1251, 2122), (1253, 2125), (1284, 2182),

Gene: EmyBug_13 Start: 8160, Stop: 9926, Start Num: 123
Candidate Starts for EmyBug_13:
(Start: 103 @8139 has 278 MA's), (Start: 117 @8154 has 12 MA's), (Start: 123 @8160 has 9 MA's), (Start: 231 @8271 has 26 MA's), (288, 8370), (406, 8532), (445, 8604), (476, 8658), (503, 8697), (558, 8769), (593, 8859), (603, 8883), (663, 9000), (673, 9015), (727, 9123), (776, 9198), (798, 9234), (837, 9294), (920, 9414), (936, 9435), (980, 9474), (1007, 9528), (1015, 9531), (1026, 9549), (1061, 9603), (1086, 9633), (1096, 9645), (1182, 9735), (1198, 9753), (1269, 9882), (1290, 9909), (1292, 9912),

Gene: EnalisNailo_2 Start: 485, Stop: 2284, Start Num: 113
Candidate Starts for EnalisNailo_2:
(Start: 113 @485 has 24 MA's), (240, 623), (256, 650), (343, 782), (350, 797), (414, 881), (429, 911), (434, 923), (443, 932), (460, 971), (476, 992), (527, 1052), (541, 1076), (580, 1148), (596, 1184), (614, 1220), (647, 1310), (663, 1331), (685, 1376), (687, 1382), (698, 1400), (705, 1415), (868, 1589), (892, 1616), (930, 1685), (936, 1691), (988, 1757), (992, 1769), (1007, 1796), (1064, 1907), (1086, 1943), (1096, 1955), (1100, 1961), (1111, 1979), (1128, 2006), (1143, 2030), (1189, 2093), (1217, 2135),

(1249, 2192), (1256, 2207), (1265, 2222), (1300, 2270), (1302, 2273),

Gene: Enceladus_4 Start: 1053, Stop: 2636, Start Num: 149
Candidate Starts for Enceladus_4:
(Start: 149 @1053 has 70 MA's), (Start: 155 @1059 has 82 MA's), (284, 1230), (352, 1317), (374, 1335), (379, 1341), (396, 1377), (486, 1515), (488, 1518), (550, 1593), (584, 1650), (585, 1653), (659, 1821), (684, 1875), (688, 1884), (700, 1899), (713, 1920), (737, 1959), (753, 1980), (757, 1986), (777, 2013), (808, 2055), (848, 2079), (866, 2097), (873, 2106), (876, 2112), (902, 2145), (918, 2178), (953, 2217), (962, 2223), (963, 2226), (990, 2271), (1031, 2337), (1069, 2388), (1093, 2412), (1111, 2427), (1114, 2430), (1207, 2532), (1224, 2559), (1252, 2610), (1254, 2613),

Gene: EndAve_17 Start: 10501, Stop: 12246, Start Num: 217
Candidate Starts for EndAve_17:
(Start: 217 @10501 has 209 MA's), (222, 10507), (280, 10594), (287, 10600), (315, 10636), (343, 10690), (345, 10696), (402, 10792), (446, 10867), (504, 10975), (525, 10996), (561, 11065), (604, 11167), (628, 11224), (647, 11281), (653, 11293), (680, 11353), (728, 11452), (731, 11458), (765, 11515), (804, 11581), (940, 11767), (949, 11776), (982, 11818), (991, 11842), (1000, 11863), (1003, 11866), (1179, 12091), (1182, 12094), (1196, 12106), (1244, 12196), (1246, 12199),

Gene: Engineer_31 Start: 8628, Stop: 10376, Start Num: 127
Candidate Starts for Engineer_31:
(Start: 127 @8628 has 26 MA's), (153, 8658), (280, 8787), (419, 8973), (433, 9012), (447, 9036), (459, 9066), (478, 9084), (496, 9111), (511, 9141), (619, 9333), (627, 9351), (704, 9513), (756, 9561), (766, 9576), (901, 9759), (905, 9765), (957, 9849), (991, 9936), (1016, 9969), (1084, 10083), (1115, 10119), (1134, 10143), (1159, 10158), (1273, 10332), (1278, 10338),

Gene: EniyanLRS_23 Start: 7822, Stop: 9435, Start Num: 165
Candidate Starts for EniyanLRS_23:
(Start: 165 @7822 has 5 MA's), (284, 7972), (Start: 302 @7990 has 3 MA's), (Start: 324 @8023 has 4 MA's), (330, 8035), (380, 8086), (381, 8089), (406, 8137), (409, 8143), (440, 8182), (442, 8185), (454, 8218), (502, 8287), (557, 8353), (566, 8371), (582, 8395), (585, 8401), (631, 8506), (646, 8548), (658, 8566), (662, 8575), (792, 8779), (795, 8785), (822, 8818), (953, 8983), (963, 8992), (966, 8998), (968, 9001), (1003, 9076), (1028, 9109), (1038, 9124), (1111, 9205), (1224, 9358), (1235, 9379), (1239, 9382),

Gene: Ennea_30 Start: 13824, Stop: 15503, Start Num: 126
Candidate Starts for Ennea_30:
(Start: 126 @13824 has 206 MA's), (270, 13974), (319, 14031), (337, 14058), (346, 14070), (365, 14109), (384, 14142), (597, 14484), (612, 14511), (695, 14679), (699, 14691), (716, 14724), (798, 14802), (888, 14904), (959, 15018), (996, 15099), (1007, 15114), (1038, 15156), (1084, 15222), (1094, 15234), (1121, 15270), (1166, 15297), (1219, 15366), (1222, 15369), (1261, 15438),

Gene: EnochSoames_7 Start: 2576, Stop: 4204, Start Num: 92
Candidate Starts for EnochSoames_7:
(Start: 75 @2558 has 95 MA's), (Start: 92 @2576 has 10 MA's), (325, 2780), (382, 2861), (462, 2996), (480, 3017), (515, 3062), (543, 3104), (582, 3176), (593, 3200), (634, 3287), (638, 3299), (673, 3353), (751, 3452), (786, 3512), (920, 3674), (927, 3683), (992, 3773), (1017, 3806), (1062, 3878), (1064, 3881), (1096, 3920), (1112, 3941), (1116, 3947), (1130, 3965), (1217, 4061), (1251, 4121),

Gene: EnzoK_12 Start: 7238, Stop: 8926, Start Num: 102
Candidate Starts for EnzoK_12:
(Start: 102 @7238 has 391 MA's), (363, 7502), (379, 7526), (476, 7688), (500, 7721), (558, 7796), (593, 7886), (603, 7910), (621, 7937), (637, 7985), (720, 8141), (760, 8201), (939, 8435), (952, 8447),

(988, 8489), (995, 8510), (1020, 8537), (1096, 8645), (1182, 8735), (1246, 8840),

Gene: Enzomatic_2 Start: 652, Stop: 2208, Start Num: 217
Candidate Starts for Enzomatic_2:
(Start: 126 @571 has 206 MA's), (133, 580), (Start: 147 @595 has 3 MA's), (Start: 184 @628 has 3 MA's), (Start: 217 @652 has 209 MA's), (Start: 219 @655 has 2 MA's), (271, 718), (310, 757), (372, 844), (419, 904), (442, 928), (445, 937), (447, 940), (454, 961), (467, 982), (482, 997), (519, 1054), (543, 1093), (580, 1162), (584, 1168), (597, 1198), (598, 1201), (603, 1210), (612, 1225), (621, 1243), (638, 1294), (689, 1387), (695, 1396), (845, 1567), (859, 1579), (915, 1663), (934, 1693), (937, 1696), (940, 1699), (988, 1756), (993, 1771), (995, 1777), (996, 1780), (1007, 1795), (1020, 1804), (1062, 1873), (1082, 1903), (1084, 1912), (1112, 1945), (1130, 1963), (1140, 1978), (1176, 2005), (1202, 2038), (1219, 2065), (1222, 2068), (1235, 2089), (1246, 2113), (1251, 2122), (1253, 2125), (1284, 2182),

Gene: EpicDab_2 Start: 546, Stop: 1865, Start Num: 314
Candidate Starts for EpicDab_2:
(Start: 202 @429 has 4 MA's), (Start: 244 @450 has 5 MA's), (Start: 314 @546 has 1 MA's), (374, 618), (381, 630), (404, 675), (454, 759), (461, 771), (520, 837), (596, 963), (629, 1026), (659, 1092), (677, 1125), (770, 1218), (823, 1287), (891, 1383), (918, 1428), (1033, 1584), (1075, 1641), (1081, 1650), (1111, 1695), (1211, 1827), (1229, 1851),

Gene: EpicPhail_13 Start: 6957, Stop: 8657, Start Num: 104
Candidate Starts for EpicPhail_13:
(Start: 104 @6957 has 125 MA's), (151, 7005), (292, 7140), (426, 7332), (476, 7419), (593, 7617), (634, 7707), (671, 7770), (760, 7932), (915, 8130), (928, 8154), (930, 8157), (988, 8220), (995, 8241), (1026, 8280), (1096, 8376), (1134, 8430), (1182, 8466), (1269, 8613), (1292, 8643), (1294, 8646),

Gene: Epsocamisio_14 Start: 6686, Stop: 8383, Start Num: 103
Candidate Starts for Epsocamisio_14:
(Start: 103 @6686 has 278 MA's), (121, 6704), (292, 6866), (406, 7022), (445, 7091), (476, 7145), (558, 7253), (571, 7280), (593, 7343), (603, 7367), (928, 7883), (988, 7946), (1015, 7988), (1096, 8102), (1196, 8207), (1269, 8339), (1290, 8366), (1292, 8369), (1294, 8372),

Gene: Equemioh13_14 Start: 7926, Stop: 9713, Start Num: 103
Candidate Starts for Equemioh13_14:
(23, 7740), (49, 7842), (Start: 103 @7926 has 278 MA's), (Start: 206 @8034 has 29 MA's), (226, 8055), (276, 8145), (288, 8163), (445, 8394), (473, 8445), (476, 8448), (558, 8556), (593, 8646), (603, 8670), (673, 8802), (915, 9189), (1007, 9315), (1026, 9336), (1086, 9420), (1096, 9432), (1269, 9669), (1290, 9696), (1292, 9699), (1294, 9702), (1296, 9705),

Gene: Eradicator_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for Eradicator_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 176 @617 has 83 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (Start: 231 @674 has 26 MA's), (271, 719), (310, 758), (372, 845), (375, 851), (419, 905), (433, 917), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (689, 1388), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1140, 1979), (1176, 2006), (1202, 2039), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: Eraser_2 Start: 534, Stop: 2240, Start Num: 101

Candidate Starts for Eraser_2:
(Start: 101 @534 has 50 MA's), (Start: 224 @621 has 17 MA's), (444, 906), (476, 963), (491, 984), (512, 1011), (572, 1101), (596, 1155), (619, 1200), (646, 1275), (699, 1365), (800, 1488), (828, 1527), (915, 1650), (1038, 1830), (1061, 1863), (1096, 1905), (1106, 1920), (1196, 2055), (1217, 2091), (1251, 2151), (1256, 2163),

Gene: EricB_15 Start: 7524, Stop: 9278, Start Num: 103
Candidate Starts for EricB_15:
(Start: 103 @7524 has 278 MA's), (288, 7755), (325, 7806), (350, 7842), (406, 7917), (476, 8040), (503, 8079), (558, 8148), (569, 8172), (571, 8175), (593, 8238), (603, 8262), (646, 8361), (647, 8364), (671, 8391), (673, 8394), (864, 8679), (920, 8766), (928, 8778), (988, 8841), (1007, 8880), (1026, 8901), (1086, 8985), (1096, 8997), (1269, 9234), (1290, 9261), (1292, 9264),

Gene: Erik_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Erik_8:
(Start: 104 @3156 has 125 MA's), (Start: 302 @3342 has 3 MA's), (350, 3414), (363, 3426), (379, 3450), (383, 3462), (476, 3615), (489, 3630), (536, 3690), (593, 3798), (621, 3855), (718, 4053), (729, 4071), (763, 4125), (892, 4269), (915, 4311), (936, 4344), (992, 4413), (1096, 4557), (1130, 4602), (1196, 4662), (1251, 4761), (1269, 4794), (1290, 4821), (1292, 4824), (1294, 4827),

Gene: Erin_3 Start: 1074, Stop: 2534, Start Num: 193
Candidate Starts for Erin_3:
(Start: 193 @1074 has 146 MA's), (Start: 198 @1080 has 6 MA's), (325, 1242), (330, 1251), (377, 1311), (415, 1380), (431, 1401), (455, 1452), (606, 1656), (744, 1869), (753, 1884), (777, 1920), (804, 1962), (832, 1995), (840, 2013), (923, 2133), (925, 2136), (936, 2148), (990, 2223), (1031, 2286), (1044, 2304), (1045, 2307), (1186, 2469), (1199, 2478), (1205, 2487), (1232, 2526),

Gene: Eris_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Eris_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Eros_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Eros_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Esketit_8 Start: 3146, Stop: 4891, Start Num: 217
Candidate Starts for Esketit_8:
(Start: 217 @3146 has 209 MA's), (252, 3200), (Start: 255 @3203 has 1 MA's), (280, 3239), (287, 3245), (430, 3479), (485, 3578), (504, 3620), (525, 3641), (547, 3683), (556, 3695), (596, 3794), (604, 3812), (621, 3848), (713, 4073), (728, 4097), (731, 4103), (804, 4226), (859, 4295), (940, 4412), (967, 4439), (1000, 4508), (1003, 4511), (1038, 4562), (1101, 4649), (1146, 4715), (1179, 4736), (1182, 4739), (1196, 4751), (1207, 4769), (1244, 4841), (1246, 4844),

Gene: Esperer_6 Start: 2420, Stop: 4048, Start Num: 92
Candidate Starts for Esperer_6:

(Start: 75 @2402 has 95 MA's), (Start: 92 @2420 has 10 MA's), (325, 2624), (382, 2705), (462, 2840), (480, 2861), (543, 2948), (582, 3020), (593, 3044), (638, 3143), (673, 3197), (751, 3296), (786, 3356), (920, 3518), (927, 3527), (992, 3617), (1007, 3644), (1062, 3722), (1064, 3725), (1096, 3764), (1112, 3785), (1116, 3791), (1130, 3809), (1217, 3905), (1251, 3965),

Gene: Espica_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Espica_8:
(Start: 104 @3156 has 125 MA's), (Start: 302 @3342 has 3 MA's), (350, 3414), (363, 3426), (379, 3450), (383, 3462), (476, 3615), (489, 3630), (536, 3690), (593, 3798), (621, 3855), (718, 4053), (729, 4071), (763, 4125), (866, 4236), (892, 4269), (915, 4311), (936, 4344), (992, 4413), (1096, 4557), (1130, 4602), (1196, 4662), (1251, 4761), (1269, 4794), (1290, 4821), (1292, 4824), (1294, 4827),

Gene: Espio_7 Start: 2850, Stop: 4595, Start Num: 217
Candidate Starts for Espio_7:
(Start: 217 @2850 has 209 MA's), (252, 2904), (Start: 255 @2907 has 1 MA's), (280, 2943), (287, 2949), (430, 3183), (485, 3282), (504, 3324), (525, 3345), (547, 3387), (556, 3399), (596, 3498), (604, 3516), (621, 3552), (713, 3777), (728, 3801), (731, 3807), (804, 3930), (859, 3999), (940, 4116), (967, 4143), (1000, 4212), (1003, 4215), (1038, 4266), (1101, 4353), (1146, 4419), (1182, 4443), (1196, 4455), (1207, 4473), (1244, 4545), (1246, 4548),

Gene: Espresso_11 Start: 7100, Stop: 8788, Start Num: 102
Candidate Starts for Espresso_11:
(Start: 102 @7100 has 391 MA's), (363, 7364), (379, 7388), (476, 7550), (500, 7583), (558, 7658), (593, 7748), (603, 7772), (621, 7799), (637, 7847), (643, 7865), (679, 7916), (714, 7991), (720, 8003), (760, 8063), (939, 8297), (952, 8309), (988, 8351), (995, 8372), (1020, 8399), (1096, 8507), (1182, 8597), (1246, 8702),

Gene: Estave1_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for Estave1_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 184 @629 has 3 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (310, 758), (372, 845), (419, 905), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (482, 998), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (670, 1346), (689, 1388), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1130, 1964), (1140, 1979), (1176, 2006), (1219, 2066), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: EstebanJulior_2 Start: 426, Stop: 1991, Start Num: 155
Candidate Starts for EstebanJulior_2:
(Start: 155 @426 has 82 MA's), (Start: 324 @636 has 4 MA's), (379, 696), (396, 732), (409, 756), (430, 780), (489, 882), (540, 942), (584, 1011), (586, 1017), (607, 1077), (636, 1137), (651, 1173), (740, 1236), (759, 1266), (815, 1362), (883, 1449), (923, 1524), (953, 1557), (977, 1593), (1030, 1668), (1044, 1689), (1045, 1692), (1126, 1755), (1141, 1779), (1222, 1857), (1308, 1977),

Gene: Estes_19 Start: 5466, Stop: 7007, Start Num: 181
Candidate Starts for Estes_19:
(Start: 181 @5466 has 21 MA's), (Start: 184 @5469 has 3 MA's), (323, 5652), (332, 5670), (371, 5703), (377, 5712), (409, 5775), (454, 5850), (582, 6003), (595, 6042), (638, 6135), (646, 6156), (733, 6303), (775, 6363), (918, 6510), (939, 6537), (990, 6615), (1028, 6675), (1045, 6702), (1241, 6957),

Gene: Et2Brutus_11 Start: 8027, Stop: 9790, Start Num: 103

Candidate Starts for Et2Brutus_11:
(Start: 103 @8027 has 278 MA's), (Start: 123 @8048 has 9 MA's), (Start: 206 @8135 has 29 MA's), (288, 8264), (309, 8288), (350, 8351), (445, 8495), (473, 8546), (476, 8549), (558, 8660), (569, 8684), (571, 8687), (593, 8750), (596, 8759), (603, 8774), (663, 8891), (673, 8906), (701, 8966), (751, 9050), (920, 9278), (928, 9290), (980, 9338), (988, 9353), (1007, 9392), (1026, 9413), (1049, 9452), (1086, 9497), (1096, 9509), (1269, 9746), (1290, 9773),

Gene: Etoile_2 Start: 413, Stop: 2089, Start Num: 134
Candidate Starts for Etoile_2:
(Start: 134 @413 has 105 MA's), (313, 629), (338, 668), (360, 725), (362, 731), (373, 749), (397, 794), (404, 806), (409, 815), (414, 821), (451, 878), (459, 899), (467, 911), (541, 1001), (636, 1190), (702, 1286), (720, 1316), (736, 1337), (837, 1490), (984, 1688), (989, 1697), (1000, 1724), (1031, 1766), (1044, 1784), (1118, 1868), (1130, 1883), (1269, 2072),

Gene: EtoileNova_12 Start: 7047, Stop: 8744, Start Num: 102
Candidate Starts for EtoileNova_12:
(Start: 102 @7047 has 391 MA's), (Start: 126 @7071 has 206 MA's), (363, 7317), (465, 7491), (476, 7503), (503, 7542), (518, 7554), (558, 7611), (569, 7635), (593, 7701), (596, 7710), (634, 7791), (646, 7824), (720, 7956), (729, 7968), (763, 8022), (778, 8043), (798, 8076), (855, 8130), (915, 8217), (928, 8241), (930, 8244), (936, 8250), (943, 8259), (988, 8307), (1007, 8346), (1015, 8349), (1026, 8367), (1096, 8463), (1134, 8517), (1253, 8670), (1269, 8700), (1292, 8730), (1294, 8733),

Gene: Eudoria_2 Start: 498, Stop: 2222, Start Num: 206
Candidate Starts for Eudoria_2:
(Start: 193 @483 has 146 MA's), (Start: 206 @498 has 29 MA's), (280, 588), (437, 828), (439, 834), (450, 858), (483, 915), (536, 987), (633, 1185), (655, 1227), (664, 1233), (702, 1317), (723, 1344), (793, 1455), (809, 1482), (926, 1659), (1092, 1932), (1094, 1935), (1098, 1941), (1115, 1962), (1141, 2001), (1177, 2049), (1185, 2058), (1205, 2082), (1226, 2100), (1253, 2157), (1295, 2214),

Gene: Eula_3 Start: 676, Stop: 2304, Start Num: 211
Candidate Starts for Eula_3:
(Start: 211 @676 has 88 MA's), (330, 832), (409, 940), (459, 1024), (479, 1048), (489, 1066), (554, 1123), (585, 1174), (586, 1177), (607, 1237), (622, 1255), (632, 1285), (642, 1315), (949, 1771), (963, 1786), (1222, 2137), (1318, 2293),

Gene: Eunoia_2 Start: 429, Stop: 1994, Start Num: 155
Candidate Starts for Eunoia_2:
(Start: 155 @429 has 82 MA's), (Start: 297 @600 has 2 MA's), (374, 693), (409, 759), (430, 783), (455, 837), (554, 966), (607, 1080), (636, 1140), (647, 1170), (759, 1269), (768, 1284), (815, 1365), (883, 1452), (923, 1527), (925, 1530), (953, 1560), (1015, 1644), (1044, 1692), (1096, 1716), (1182, 1806), (1222, 1860), (1272, 1941), (1308, 1980),

Gene: Euphoria_11 Start: 6996, Stop: 8684, Start Num: 102
Candidate Starts for Euphoria_11:
(Start: 102 @6996 has 391 MA's), (363, 7260), (379, 7284), (476, 7446), (500, 7479), (558, 7554), (593, 7644), (603, 7668), (621, 7695), (637, 7743), (679, 7812), (720, 7899), (760, 7959), (930, 8184), (939, 8193), (952, 8205), (988, 8247), (995, 8268), (1020, 8295), (1096, 8403), (1182, 8493), (1246, 8598),

Gene: Euratis_2 Start: 596, Stop: 2176, Start Num: 299
Candidate Starts for Euratis_2:
(Start: 299 @596 has 3 MA's), (411, 767), (450, 833), (479, 881), (485, 893), (535, 962), (536, 965), (548, 986), (550, 989), (564, 1016), (578, 1037), (591, 1070), (620, 1121), (718, 1304), (745, 1343),

(764, 1364), (833, 1475), (845, 1496), (944, 1637), (946, 1643), (948, 1646), (973, 1694), (994, 1742), (1062, 1847), (1064, 1850), (1076, 1868), (1101, 1895), (1134, 1943), (1203, 2024), (1226, 2051), (1260, 2123),

Gene: Eurydice_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Eurydice_11:
(26, 6707), (32, 6725), (36, 6755), (Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Evanesce_5 Start: 1894, Stop: 3489, Start Num: 128
Candidate Starts for Evanesce_5:
(Start: 84 @1855 has 21 MA's), (Start: 128 @1894 has 3 MA's), (199, 1942), (332, 2113), (373, 2152), (487, 2332), (494, 2341), (499, 2350), (550, 2413), (555, 2419), (594, 2503), (595, 2506), (596, 2509), (642, 2605), (643, 2608), (647, 2617), (690, 2683), (720, 2713), (738, 2740), (758, 2773), (772, 2794), (774, 2797), (837, 2893), (855, 2914), (914, 3004), (950, 3046), (965, 3064), (968, 3070), (1005, 3133), (1009, 3139), (1017, 3142), (1044, 3187), (1047, 3193), (1069, 3220), (1087, 3235), (1130, 3286), (1135, 3295), (1145, 3310), (1148, 3313), (1176, 3352), (1188, 3367), (1200, 3382), (1202, 3385), (1263, 3463), (1267, 3469),

Gene: EvenBluerMoon_3 Start: 1241, Stop: 2836, Start Num: 194
Candidate Starts for EvenBluerMoon_3:
(Start: 194 @1241 has 13 MA's), (396, 1499), (409, 1523), (414, 1529), (607, 1820), (627, 1850), (643, 1901), (647, 1910), (734, 2012), (740, 2024), (832, 2147), (914, 2276), (1063, 2504), (1101, 2546), (1306, 2825),

Gene: Eviarto_2 Start: 498, Stop: 2222, Start Num: 206
Candidate Starts for Eviarto_2:
(Start: 193 @483 has 146 MA's), (Start: 206 @498 has 29 MA's), (280, 588), (426, 804), (437, 828), (439, 834), (450, 858), (483, 915), (536, 987), (633, 1185), (655, 1227), (664, 1233), (702, 1317), (723, 1344), (793, 1455), (809, 1482), (926, 1659), (1092, 1932), (1094, 1935), (1098, 1941), (1115, 1962), (1141, 2001), (1177, 2049), (1185, 2058), (1205, 2082), (1226, 2100), (1253, 2157), (1295, 2214),

Gene: EvilGenius_14 Start: 7834, Stop: 9621, Start Num: 103
Candidate Starts for EvilGenius_14:
(Start: 103 @7834 has 278 MA's), (Start: 206 @7942 has 29 MA's), (226, 7963), (288, 8071), (350, 8158), (445, 8302), (473, 8353), (476, 8356), (558, 8464), (593, 8554), (603, 8578), (663, 8695), (673, 8710), (857, 9010), (992, 9196), (1007, 9223), (1026, 9244), (1096, 9340), (1269, 9577), (1292, 9607),

Gene: Exile_2 Start: 568, Stop: 2271, Start Num: 101
Candidate Starts for Exile_2:
(Start: 101 @568 has 50 MA's), (350, 790), (383, 838), (434, 919), (476, 988), (512, 1036), (572, 1129), (596, 1183), (699, 1393), (1096, 1939), (1106, 1954), (1256, 2194), (1265, 2209), (1298, 2257),

Gene: Expelliarmus_8 Start: 5669, Stop: 7423, Start Num: 63
Candidate Starts for Expelliarmus_8:
(Start: 63 @5669 has 32 MA's), (94, 5711), (125, 5750), (Start: 231 @5858 has 26 MA's), (406, 6065), (536, 6266), (593, 6374), (646, 6503), (743, 6668), (763, 6701), (866, 6821), (915, 6896), (995, 7007), (1007, 7025), (1026, 7046), (1061, 7100), (1096, 7142), (1196, 7247), (1251, 7346), (1269, 7379), (1294, 7412), (1299, 7418),

Gene: ExplosioNervosa_13 Start: 8157, Stop: 9929, Start Num: 117
Candidate Starts for ExplosioNervosa_13:
(Start: 103 @8142 has 278 MA's), (Start: 117 @8157 has 12 MA's), (Start: 123 @8163 has 9 MA's), (Start: 231 @8274 has 26 MA's), (288, 8373), (406, 8535), (445, 8607), (476, 8661), (503, 8700), (558, 8772), (593, 8862), (603, 8886), (663, 9003), (673, 9018), (727, 9126), (776, 9201), (798, 9237), (837, 9297), (920, 9417), (936, 9438), (980, 9477), (1007, 9531), (1015, 9534), (1026, 9552), (1061, 9606), (1086, 9636), (1096, 9648), (1182, 9738), (1198, 9756), (1269, 9885), (1290, 9912), (1292, 9915),

Gene: Eyeball_11 Start: 6743, Stop: 8431, Start Num: 102
Candidate Starts for Eyeball_11:
(Start: 102 @6743 has 391 MA's), (363, 7007), (379, 7031), (476, 7193), (500, 7226), (558, 7301), (593, 7391), (603, 7415), (621, 7442), (637, 7490), (720, 7646), (760, 7706), (930, 7931), (939, 7940), (952, 7952), (988, 7994), (995, 8015), (1020, 8042), (1096, 8150), (1182, 8240), (1246, 8345),

Gene: Eyes_2 Start: 522, Stop: 2105, Start Num: 175
Candidate Starts for Eyes_2:
(Start: 175 @522 has 14 MA's), (261, 624), (431, 840), (454, 888), (499, 948), (509, 960), (584, 1050), (599, 1098), (630, 1155), (702, 1299), (736, 1350), (835, 1506), (873, 1554), (893, 1578), (952, 1665), (1031, 1785), (1044, 1803), (1104, 1872), (1118, 1887), (1135, 1911),

Gene: Eyre_2 Start: 528, Stop: 2045, Start Num: 235
Candidate Starts for Eyre_2:
(227, 516), (Start: 235 @528 has 1 MA's), (282, 600), (Start: 290 @609 has 2 MA's), (Start: 366 @696 has 1 MA's), (390, 735), (396, 750), (508, 939), (605, 1080), (636, 1143), (670, 1200), (713, 1272), (748, 1329), (769, 1359), (804, 1416), (873, 1500), (902, 1539), (918, 1572), (925, 1581), (930, 1590), (977, 1644), (983, 1653), (994, 1680), (1047, 1761), (1079, 1797), (1134, 1881), (1207, 1962), (1210, 1968),

Gene: Ezurina_3 Start: 865, Stop: 2403, Start Num: 215
Candidate Starts for Ezurina_3:
(Start: 215 @865 has 6 MA's), (249, 910), (381, 1069), (417, 1132), (467, 1219), (599, 1459), (605, 1471), (631, 1528), (710, 1687), (767, 1774), (802, 1828), (869, 1903), (1104, 2206),

Gene: FF47_05 Start: 1775, Stop: 3439, Start Num: 176
Candidate Starts for FF47_05:
(Start: 176 @1775 has 83 MA's), (Start: 212 @1814 has 5 MA's), (Start: 231 @1838 has 26 MA's), (350, 1967), (436, 2099), (443, 2114), (450, 2129), (476, 2174), (507, 2222), (537, 2258), (571, 2315), (582, 2339), (597, 2375), (699, 2573), (706, 2588), (729, 2627), (821, 2774), (915, 2894), (992, 2999), (1064, 3107), (1091, 3137), (1112, 3164), (1119, 3176), (1170, 3212), (1171, 3215), (1234, 3308), (1261, 3365),

Gene: Fairfaxidum_2 Start: 378, Stop: 1928, Start Num: 180
Candidate Starts for Fairfaxidum_2:
(Start: 113 @333 has 24 MA's), (157, 354), (Start: 166 @363 has 2 MA's), (Start: 180 @378 has 11 MA's), (250, 441), (269, 477), (293, 504), (313, 519), (334, 552), (362, 573), (377, 594), (396, 633), (409, 657), (431, 693), (454, 741), (489, 783), (498, 795), (584, 900), (637, 1020), (702, 1113), (723, 1146), (736, 1164), (837, 1320), (855, 1341), (869, 1359), (914, 1431), (953, 1479), (968, 1497), (984, 1518), (989, 1527), (990, 1530), (1005, 1560), (1044, 1614), (1118, 1701), (1148, 1743), (1188, 1794), (1269, 1911), (1273, 1917),

Gene: Faith1_4 Start: 1069, Stop: 2637, Start Num: 149
Candidate Starts for Faith1_4:

(Start: 149 @1069 has 70 MA's), (Start: 155 @1075 has 82 MA's), (271, 1231), (484, 1528), (488, 1534), (533, 1594), (582, 1666), (585, 1672), (591, 1693), (636, 1792), (659, 1840), (684, 1894), (700, 1918), (728, 1963), (733, 1969), (753, 1999), (757, 2005), (777, 2032), (782, 2041), (848, 2098), (855, 2104), (873, 2125), (876, 2131), (925, 2206), (927, 2209), (963, 2245), (990, 2290), (1031, 2356), (1093, 2431), (1114, 2449), (1118, 2458), (1241, 2605), (1252, 2629), (1254, 2632),

Gene: Faiyaz_9 Start: 4674, Stop: 6299, Start Num: 141
Candidate Starts for Faiyaz_9:
(67, 4593), (80, 4611), (Start: 117 @4650 has 12 MA's), (129, 4662), (136, 4668), (Start: 141 @4674 has 6 MA's), (146, 4680), (292, 4848), (Start: 302 @4860 has 3 MA's), (312, 4872), (409, 5016), (452, 5112), (454, 5121), (510, 5199), (515, 5205), (573, 5262), (584, 5277), (625, 5367), (635, 5400), (636, 5403), (723, 5475), (759, 5532), (791, 5580), (804, 5601), (812, 5613), (823, 5625), (836, 5649), (853, 5673), (856, 5679), (896, 5736), (908, 5754), (977, 5856), (996, 5898), (1032, 5961), (1040, 5970), (1043, 5976), (1147, 6090), (1170, 6102), (1192, 6120), (1221, 6162), (1245, 6204), (1254, 6219),

Gene: Fajezeel_13 Start: 7320, Stop: 9008, Start Num: 108
Candidate Starts for Fajezeel_13:
(Start: 108 @7320 has 24 MA's), (292, 7491), (Start: 302 @7500 has 3 MA's), (363, 7584), (380, 7611), (383, 7620), (476, 7770), (500, 7803), (558, 7878), (593, 7968), (603, 7992), (621, 8019), (637, 8067), (720, 8223), (760, 8283), (939, 8517), (988, 8571), (995, 8592), (1020, 8619), (1096, 8727), (1182, 8817), (1246, 8922),

Gene: Fameo_12 Start: 7454, Stop: 9241, Start Num: 103
Candidate Starts for Fameo_12:
(Start: 103 @7454 has 278 MA's), (Start: 206 @7562 has 29 MA's), (226, 7583), (288, 7691), (406, 7853), (476, 7976), (558, 8084), (593, 8174), (603, 8198), (663, 8315), (673, 8330), (857, 8630), (992, 8816), (1007, 8843), (1026, 8864), (1096, 8960), (1269, 9197), (1290, 9224), (1292, 9227),

Gene: Fancypants_2 Start: 653, Stop: 2209, Start Num: 217
Candidate Starts for Fancypants_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 184 @629 has 3 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (310, 758), (372, 845), (419, 905), (433, 917), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (670, 1346), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1130, 1964), (1140, 1979), (1176, 2006), (1202, 2039), (1219, 2066), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: Farber_13 Start: 6950, Stop: 8650, Start Num: 104
Candidate Starts for Farber_13:
(Start: 104 @6950 has 125 MA's), (151, 6998), (292, 7133), (426, 7325), (476, 7412), (593, 7610), (634, 7700), (671, 7763), (760, 7925), (915, 8123), (928, 8147), (930, 8150), (988, 8213), (995, 8234), (1026, 8273), (1096, 8369), (1134, 8423), (1182, 8459), (1269, 8606), (1292, 8636), (1294, 8639),

Gene: Farewell_2 Start: 506, Stop: 2287, Start Num: 110
Candidate Starts for Farewell_2:
(Start: 110 @506 has 2 MA's), (218, 611), (379, 830), (383, 842), (406, 869), (443, 935), (445, 941), (447, 944), (460, 974), (476, 995), (525, 1052), (580, 1154), (596, 1190), (619, 1238), (640, 1298), (693, 1388), (705, 1418), (763, 1472), (814, 1550), (915, 1658), (927, 1679), (936, 1691), (952, 1709), (1007, 1808), (1029, 1862), (1035, 1877), (1064, 1919), (1096, 1967), (1111, 1991), (1133, 2027), (1184, 2096), (1189, 2102), (1196, 2108), (1230, 2159), (1246, 2195), (1249, 2201), (1256, 2216),

(1267, 2234), (1281, 2249),

Gene: FarmResident_4 Start: 810, Stop: 2372, Start Num: 149
Candidate Starts for FarmResident_4:
(Start: 149 @810 has 70 MA's), (Start: 155 @816 has 82 MA's), (271, 966), (Start: 324 @1032 has 4 MA's), (348, 1062), (374, 1086), (382, 1101), (404, 1143), (488, 1269), (585, 1407), (599, 1452), (636, 1527), (659, 1575), (700, 1653), (713, 1674), (728, 1698), (733, 1704), (753, 1734), (757, 1740), (782, 1776), (848, 1833), (876, 1866), (953, 1971), (963, 1980), (980, 2004), (990, 2025), (1031, 2091), (1118, 2193), (1224, 2313), (1228, 2319), (1241, 2340), (1252, 2364),

Gene: Fascinus_10 Start: 6746, Stop: 8434, Start Num: 102
Candidate Starts for Fascinus_10:
(Start: 102 @6746 has 391 MA's), (Start: 302 @6926 has 3 MA's), (363, 7010), (383, 7046), (406, 7073), (476, 7196), (558, 7304), (593, 7394), (603, 7418), (637, 7493), (679, 7562), (720, 7649), (760, 7709), (930, 7934), (939, 7943), (952, 7955), (988, 7997), (995, 8018), (1020, 8045), (1096, 8153), (1182, 8243), (1246, 8348),

Gene: Fastidio_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Fastidio_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: FatCactus_10 Start: 5592, Stop: 7292, Start Num: 106
Candidate Starts for FatCactus_10:
(Start: 106 @5592 has 2 MA's), (Start: 239 @5733 has 2 MA's), (292, 5772), (450, 6006), (476, 6051), (533, 6123), (543, 6141), (558, 6162), (587, 6234), (593, 6252), (646, 6375), (671, 6405), (718, 6501), (798, 6627), (913, 6765), (928, 6792), (1026, 6915), (1061, 6969), (1096, 7011), (1116, 7038), (1134, 7065), (1269, 7248), (1294, 7281),

Gene: Fayely_13 Start: 8142, Stop: 9929, Start Num: 103
Candidate Starts for Fayely_13:
(Start: 103 @8142 has 278 MA's), (Start: 117 @8157 has 12 MA's), (Start: 123 @8163 has 9 MA's), (Start: 231 @8274 has 26 MA's), (288, 8373), (406, 8535), (445, 8607), (476, 8661), (503, 8700), (558, 8772), (593, 8862), (603, 8886), (663, 9003), (673, 9018), (727, 9126), (776, 9201), (798, 9237), (837, 9297), (920, 9417), (936, 9438), (980, 9477), (1007, 9531), (1015, 9534), (1026, 9552), (1061, 9606), (1086, 9636), (1096, 9648), (1182, 9738), (1198, 9756), (1269, 9885), (1290, 9912), (1292, 9915),

Gene: Fazel_14 Start: 9208, Stop: 10953, Start Num: 217
Candidate Starts for Fazel_14:
(Start: 217 @9208 has 209 MA's), (222, 9214), (280, 9301), (287, 9307), (315, 9343), (343, 9397), (357, 9430), (438, 9556), (504, 9682), (523, 9700), (525, 9703), (561, 9772), (604, 9874), (628, 9931), (680, 10060), (728, 10159), (731, 10165), (748, 10195), (765, 10222), (804, 10288), (921, 10447), (944, 10480), (949, 10483), (982, 10525), (991, 10549), (1000, 10570), (1003, 10573), (1182, 10801), (1196, 10813), (1207, 10831), (1244, 10903), (1246, 10906),

Gene: Feastonyeet_3 Start: 928, Stop: 2604, Start Num: 176

Candidate Starts for Feastonyeet_3:
(Start: 176 @928 has 83 MA's), (Start: 224 @979 has 17 MA's), (237, 1000), (295, 1045), (325, 1087), (350, 1123), (394, 1189), (450, 1285), (468, 1321), (476, 1330), (480, 1333), (507, 1381), (518, 1393), (572, 1480), (654, 1660), (687, 1714), (791, 1894), (814, 1927), (890, 1993), (917, 2059), (920, 2065), (988, 2149), (1038, 2230), (1061, 2263), (1116, 2332), (1196, 2410), (1224, 2452), (1253, 2509), (1265, 2530), (1269, 2536), (1311, 2590), (1313, 2593),

Gene: FeliMaine_37 Start: 11121, Stop: 12863, Start Num: 176
Candidate Starts for FeliMaine_37:
(Start: 176 @11121 has 83 MA's), (292, 11238), (325, 11283), (354, 11349), (358, 11364), (379, 11397), (380, 11400), (388, 11415), (407, 11439), (409, 11442), (426, 11472), (436, 11493), (443, 11511), (447, 11520), (463, 11556), (476, 11571), (507, 11616), (543, 11658), (565, 11697), (572, 11709), (582, 11730), (604, 11781), (621, 11802), (747, 12024), (814, 12129), (821, 12138), (871, 12171), (890, 12192), (892, 12195), (908, 12222), (915, 12252), (920, 12264), (930, 12279), (939, 12288), (943, 12294), (971, 12336), (983, 12345), (990, 12360), (995, 12375), (1038, 12435), (1061, 12474), (1089, 12507), (1112, 12537), (1115, 12540), (1163, 12624), (1196, 12678), (1205, 12693), (1224, 12720), (1251, 12774), (1309, 12846), (1311, 12849),

Gene: Fenry_2 Start: 361, Stop: 1929, Start Num: 163
Candidate Starts for Fenry_2:
(59, 256), (116, 337), (Start: 163 @361 has 37 MA's), (251, 445), (269, 478), (313, 520), (Start: 324 @538 has 4 MA's), (334, 553), (362, 574), (377, 595), (396, 634), (431, 694), (451, 730), (454, 742), (491, 787), (498, 796), (522, 823), (584, 901), (630, 1006), (637, 1021), (642, 1036), (702, 1114), (736, 1165), (837, 1321), (869, 1360), (898, 1399), (914, 1432), (923, 1444), (963, 1489), (965, 1492), (968, 1498), (984, 1519), (989, 1528), (990, 1531), (1005, 1561), (1026, 1585), (1033, 1600), (1111, 1690), (1118, 1702), (1148, 1744), (1156, 1759), (1176, 1780), (1188, 1795), (1200, 1810), (1251, 1891), (1262, 1903), (1269, 1912),

Gene: Fernando_13 Start: 6955, Stop: 8655, Start Num: 104
Candidate Starts for Fernando_13:
(Start: 104 @6955 has 125 MA's), (151, 7003), (292, 7138), (426, 7330), (476, 7417), (501, 7453), (593, 7615), (634, 7705), (671, 7768), (760, 7930), (915, 8128), (928, 8152), (930, 8155), (988, 8218), (995, 8239), (1026, 8278), (1096, 8374), (1134, 8428), (1182, 8464), (1269, 8611), (1292, 8641), (1294, 8644),

Gene: Fibonacci_12 Start: 8027, Stop: 9790, Start Num: 103
Candidate Starts for Fibonacci_12:
(Start: 103 @8027 has 278 MA's), (Start: 123 @8048 has 9 MA's), (Start: 206 @8135 has 29 MA's), (288, 8264), (309, 8288), (350, 8351), (445, 8495), (473, 8546), (476, 8549), (558, 8660), (569, 8684), (571, 8687), (593, 8750), (596, 8759), (603, 8774), (663, 8891), (673, 8906), (701, 8966), (751, 9050), (864, 9191), (920, 9278), (928, 9290), (980, 9338), (988, 9353), (1007, 9392), (1026, 9413), (1049, 9452), (1086, 9497), (1096, 9509), (1269, 9746), (1290, 9773),

Gene: FidgetOrca_8 Start: 3146, Stop: 4891, Start Num: 217
Candidate Starts for FidgetOrca_8:
(Start: 217 @3146 has 209 MA's), (252, 3200), (Start: 255 @3203 has 1 MA's), (280, 3239), (287, 3245), (430, 3479), (485, 3578), (504, 3620), (525, 3641), (547, 3683), (556, 3695), (596, 3794), (604, 3812), (621, 3848), (657, 3944), (713, 4073), (728, 4097), (731, 4103), (804, 4226), (859, 4295), (940, 4412), (944, 4418), (967, 4439), (1000, 4508), (1003, 4511), (1038, 4562), (1101, 4649), (1146, 4715), (1182, 4739), (1196, 4751), (1207, 4769), (1244, 4841), (1246, 4844),

Gene: Figliar_17 Start: 10511, Stop: 12256, Start Num: 217
Candidate Starts for Figliar_17:

(Start: 217 @10511 has 209 MA's), (222, 10517), (280, 10604), (287, 10610), (315, 10646), (343, 10700), (446, 10877), (504, 10985), (525, 11006), (547, 11048), (561, 11075), (604, 11177), (628, 11234), (647, 11291), (653, 11303), (680, 11363), (728, 11462), (731, 11468), (765, 11525), (804, 11591), (949, 11786), (991, 11852), (1000, 11873), (1003, 11876), (1131, 12056), (1179, 12101), (1182, 12104), (1196, 12116), (1244, 12206), (1246, 12209),

Gene: Filch_9 Start: 2274, Stop: 3944, Start Num: 301
Candidate Starts for Filch_9:
(Start: 301 @2274 has 48 MA's), (344, 2337), (479, 2571), (548, 2673), (632, 2853), (641, 2877), (650, 2895), (663, 2907), (694, 2970), (698, 2982), (725, 3027), (734, 3042), (784, 3120), (811, 3165), (845, 3219), (851, 3225), (917, 3339), (994, 3483), (1019, 3519), (1118, 3672), (1129, 3684), (1175, 3741), (1205, 3777), (1235, 3828), (1251, 3864), (1253, 3867), (1294, 3933),

Gene: Filuzino_2 Start: 588, Stop: 2225, Start Num: 126
Candidate Starts for Filuzino_2:
(Start: 126 @588 has 206 MA's), (Start: 139 @603 has 1 MA's), (Start: 147 @612 has 3 MA's), (153, 618), (Start: 184 @645 has 3 MA's), (Start: 217 @669 has 209 MA's), (Start: 219 @672 has 2 MA's), (271, 735), (291, 753), (310, 774), (372, 861), (375, 867), (419, 921), (433, 933), (442, 945), (445, 954), (447, 957), (454, 978), (467, 999), (482, 1014), (519, 1071), (543, 1110), (580, 1179), (584, 1185), (597, 1215), (598, 1218), (603, 1227), (612, 1242), (621, 1260), (638, 1311), (695, 1413), (845, 1584), (859, 1596), (872, 1614), (915, 1680), (934, 1710), (937, 1713), (940, 1716), (988, 1773), (993, 1788), (995, 1794), (996, 1797), (1007, 1812), (1020, 1821), (1062, 1890), (1082, 1920), (1084, 1929), (1112, 1962), (1140, 1995), (1176, 2022), (1202, 2055), (1219, 2082), (1222, 2085), (1235, 2106), (1246, 2130), (1251, 2139), (1253, 2142), (1284, 2199),

Gene: Finalfrontier_4 Start: 1182, Stop: 2810, Start Num: 211
Candidate Starts for Finalfrontier_4:
(Start: 211 @1182 has 88 MA's), (330, 1338), (409, 1446), (459, 1530), (479, 1554), (489, 1572), (554, 1629), (585, 1680), (586, 1683), (587, 1692), (607, 1743), (622, 1761), (632, 1791), (642, 1821), (949, 2277), (963, 2292), (1222, 2643), (1318, 2799),

Gene: Finemlucis_4 Start: 1069, Stop: 2637, Start Num: 149
Candidate Starts for Finemlucis_4:
(Start: 149 @1069 has 70 MA's), (Start: 155 @1075 has 82 MA's), (271, 1231), (484, 1528), (488, 1534), (533, 1594), (582, 1666), (585, 1672), (636, 1792), (659, 1840), (684, 1894), (700, 1918), (728, 1963), (733, 1969), (753, 1999), (757, 2005), (777, 2032), (782, 2041), (848, 2098), (855, 2104), (873, 2125), (876, 2131), (925, 2206), (927, 2209), (963, 2245), (990, 2290), (1031, 2356), (1093, 2431), (1114, 2449), (1118, 2458), (1241, 2605), (1252, 2629), (1254, 2632),

Gene: Fingolfin_2 Start: 371, Stop: 1993, Start Num: 182
Candidate Starts for Fingolfin_2:
(Start: 164 @350 has 12 MA's), (Start: 182 @371 has 18 MA's), (374, 602), (377, 605), (381, 614), (400, 650), (409, 668), (455, 746), (554, 851), (607, 965), (625, 989), (636, 1025), (643, 1046), (651, 1061), (682, 1121), (744, 1205), (896, 1421), (905, 1433), (916, 1460), (949, 1499), (953, 1505), (980, 1544), (1000, 1571), (1014, 1583), (1030, 1616), (1038, 1628), (1058, 1655), (1063, 1661), (1246, 1901), (1249, 1907), (1259, 1928), (1271, 1949), (1304, 1979), (1306, 1982), (1308, 1985),

Gene: Finkle_2 Start: 383, Stop: 2002, Start Num: 99
Candidate Starts for Finkle_2:
(Start: 99 @383 has 1 MA's), (Start: 102 @389 has 391 MA's), (313, 605), (332, 638), (402, 731), (552, 920), (584, 974), (596, 1013), (607, 1037), (679, 1172), (702, 1187), (760, 1280), (837, 1394), (869, 1433), (927, 1523), (977, 1580), (1085, 1733), (1148, 1814), (1267, 1982),

Gene: Finnry_5 Start: 1187, Stop: 2752, Start Num: 149
Candidate Starts for Finnry_5:
(Start: 149 @1187 has 70 MA's), (Start: 155 @1193 has 82 MA's), (284, 1364), (374, 1469), (381, 1481), (476, 1637), (484, 1646), (486, 1649), (488, 1652), (550, 1727), (582, 1781), (584, 1784), (585, 1787), (688, 2018), (737, 2093), (753, 2114), (757, 2120), (808, 2189), (848, 2213), (866, 2231), (876, 2246), (963, 2360), (988, 2399), (990, 2405), (1031, 2471), (1111, 2561), (1118, 2573), (1155, 2612), (1228, 2699), (1252, 2744), (1254, 2747),

Gene: Firehouse51_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Firehouse51_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: FiringLine_12 Start: 7386, Stop: 9173, Start Num: 103
Candidate Starts for FiringLine_12:
(Start: 103 @7386 has 278 MA's), (Start: 206 @7494 has 29 MA's), (226, 7515), (288, 7623), (406, 7785), (473, 7905), (476, 7908), (558, 8016), (593, 8106), (603, 8130), (663, 8247), (673, 8262), (857, 8562), (992, 8748), (1007, 8775), (1026, 8796), (1096, 8892), (1269, 9129), (1290, 9156), (1292, 9159),

Gene: First_0012 Start: 7443, Stop: 9233, Start Num: 103
Candidate Starts for First_0012:
(25, 7269), (Start: 103 @7443 has 278 MA's), (Start: 206 @7551 has 29 MA's), (226, 7572), (288, 7680), (473, 7965), (476, 7968), (558, 8076), (593, 8166), (603, 8190), (663, 8307), (673, 8322), (857, 8622), (992, 8808), (1007, 8835), (1026, 8856), (1096, 8952), (1269, 9189), (1290, 9216), (1292, 9219),

Gene: FirstPlacePfu_2 Start: 413, Stop: 2089, Start Num: 134
Candidate Starts for FirstPlacePfu_2:
(Start: 134 @413 has 105 MA's), (313, 629), (338, 668), (360, 725), (362, 731), (373, 749), (397, 794), (404, 806), (409, 815), (414, 821), (451, 878), (459, 899), (467, 911), (541, 1001), (636, 1190), (702, 1286), (720, 1316), (736, 1337), (837, 1490), (984, 1688), (989, 1697), (1000, 1724), (1031, 1766), (1044, 1784), (1118, 1868), (1130, 1883), (1269, 2072),

Gene: Fishburne_2 Start: 413, Stop: 2089, Start Num: 134
Candidate Starts for Fishburne_2:
(Start: 134 @413 has 105 MA's), (313, 629), (338, 668), (360, 725), (362, 731), (373, 749), (397, 794), (404, 806), (409, 815), (414, 821), (451, 878), (459, 899), (467, 911), (541, 1001), (636, 1190), (702, 1286), (720, 1316), (736, 1337), (837, 1490), (984, 1688), (989, 1697), (1000, 1724), (1031, 1766), (1044, 1784), (1118, 1868), (1130, 1883), (1269, 2072),

Gene: FiveHead_2 Start: 553, Stop: 2268, Start Num: 103
Candidate Starts for FiveHead_2:
(Start: 103 @553 has 278 MA's), (Start: 224 @652 has 17 MA's), (434, 925), (462, 976), (476, 994), (512, 1042), (524, 1054), (572, 1135), (646, 1309), (698, 1396), (800, 1522), (930, 1711), (992, 1795), (1096, 1939), (1106, 1954), (1196, 2083), (1256, 2191), (1298, 2254),

Gene: FlameThrower_3 Start: 871, Stop: 2436, Start Num: 211
Candidate Starts for FlameThrower_3:
(Start: 211 @871 has 88 MA's), (330, 1027), (409, 1135), (455, 1213), (461, 1222), (482, 1249), (554, 1318), (585, 1369), (607, 1432), (642, 1510), (829, 1783), (914, 1921), (1008, 2050), (1015, 2053), (1255, 2353), (1271, 2383), (1314, 2428),

Gene: Flapper_28 Start: 13656, Stop: 15332, Start Num: 126
Candidate Starts for Flapper_28:
(Start: 126 @13656 has 206 MA's), (270, 13806), (319, 13863), (337, 13890), (346, 13902), (361, 13932), (445, 14052), (597, 14316), (612, 14343), (695, 14511), (699, 14523), (716, 14556), (798, 14634), (870, 14715), (915, 14784), (940, 14820), (959, 14850), (996, 14931), (1007, 14946), (1049, 15006), (1084, 15054), (1246, 15240), (1261, 15270), (1282, 15303),

Gene: Flare16_12 Start: 7484, Stop: 9271, Start Num: 103
Candidate Starts for Flare16_12:
(23, 7298), (49, 7400), (Start: 103 @7484 has 278 MA's), (Start: 206 @7592 has 29 MA's), (226, 7613), (288, 7721), (476, 8006), (558, 8114), (593, 8204), (603, 8228), (663, 8345), (673, 8360), (915, 8747), (1007, 8873), (1026, 8894), (1086, 8978), (1096, 8990), (1269, 9227), (1290, 9254), (1292, 9257), (1294, 9260), (1296, 9263),

Gene: Flashwig_2 Start: 351, Stop: 1808, Start Num: 182
Candidate Starts for Flashwig_2:
(Start: 182 @351 has 18 MA's), (189, 360), (Start: 194 @366 has 13 MA's), (418, 633), (454, 699), (464, 717), (577, 849), (581, 855), (596, 903), (629, 966), (742, 1119), (765, 1155), (789, 1191), (829, 1239), (864, 1287), (908, 1350), (912, 1359), (988, 1461), (1024, 1518), (1061, 1569), (1069, 1581), (1114, 1644), (1126, 1662), (1199, 1755), (1205, 1764), (1227, 1797),

Gene: Flaverint_12 Start: 8024, Stop: 9787, Start Num: 103
Candidate Starts for Flaverint_12:
(40, 7904), (Start: 103 @8024 has 278 MA's), (Start: 123 @8045 has 9 MA's), (Start: 206 @8132 has 29 MA's), (288, 8261), (309, 8285), (350, 8348), (445, 8492), (473, 8543), (476, 8546), (558, 8657), (569, 8681), (571, 8684), (593, 8747), (596, 8756), (603, 8771), (663, 8888), (673, 8903), (701, 8963), (751, 9047), (920, 9275), (928, 9287), (980, 9335), (988, 9350), (1007, 9389), (1026, 9410), (1049, 9449), (1086, 9494), (1096, 9506), (1269, 9743), (1290, 9770),

Gene: Float294_26 Start: 13266, Stop: 14945, Start Num: 126
Candidate Starts for Float294_26:
(Start: 126 @13266 has 206 MA's), (270, 13416), (319, 13473), (337, 13500), (346, 13512), (365, 13551), (384, 13584), (597, 13926), (612, 13953), (695, 14121), (699, 14133), (716, 14166), (798, 14244), (888, 14346), (959, 14460), (996, 14541), (1007, 14556), (1038, 14598), (1084, 14664), (1094, 14676), (1121, 14712), (1166, 14739), (1219, 14808), (1222, 14811), (1261, 14880),

Gene: Floof_2 Start: 634, Stop: 2388, Start Num: 100
Candidate Starts for Floof_2:
(Start: 100 @634 has 15 MA's), (320, 820), (434, 1000), (462, 1051), (476, 1069), (572, 1219), (634, 1351), (747, 1558), (917, 1810), (980, 1888), (988, 1903), (1038, 1984), (1096, 2059), (1106, 2074), (1242, 2278), (1251, 2299), (1256, 2311),

Gene: Floral_2 Start: 485, Stop: 2284, Start Num: 113
Candidate Starts for Floral_2:
(Start: 113 @485 has 24 MA's), (240, 623), (256, 650), (343, 782), (350, 797), (414, 881), (429, 911), (434, 923), (443, 932), (460, 971), (476, 992), (527, 1052), (541, 1076), (580, 1148), (596, 1184), (614,

1220), (647, 1310), (663, 1331), (685, 1376), (687, 1382), (698, 1400), (705, 1415), (868, 1589), (892, 1616), (930, 1685), (936, 1691), (988, 1757), (992, 1769), (1007, 1796), (1064, 1907), (1086, 1943), (1096, 1955), (1100, 1961), (1111, 1979), (1128, 2006), (1143, 2030), (1189, 2093), (1217, 2135), (1249, 2192), (1256, 2207), (1265, 2222), (1300, 2270), (1302, 2273),

Gene: Florean_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Florean_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Florence1_9 Start: 5976, Stop: 7727, Start Num: 63
Candidate Starts for Florence1_9:
(Start: 53 @5949 has 20 MA's), (Start: 63 @5976 has 32 MA's), (114, 6045), (228, 6159), (Start: 231 @6165 has 26 MA's), (350, 6297), (406, 6372), (407, 6375), (426, 6408), (445, 6441), (521, 6549), (536, 6573), (558, 6606), (593, 6681), (613, 6726), (643, 6804), (646, 6810), (679, 6855), (763, 7008), (778, 7029), (915, 7203), (928, 7227), (930, 7230), (988, 7290), (992, 7302), (1007, 7329), (1026, 7350), (1086, 7434), (1096, 7446), (1184, 7539), (1269, 7683), (1294, 7716), (1299, 7722),

Gene: Florence4_10 Start: 5976, Stop: 7727, Start Num: 63
Candidate Starts for Florence4_10:
(Start: 53 @5949 has 20 MA's), (Start: 63 @5976 has 32 MA's), (114, 6045), (228, 6159), (Start: 231 @6165 has 26 MA's), (350, 6297), (406, 6372), (407, 6375), (426, 6408), (445, 6441), (521, 6549), (536, 6573), (558, 6606), (593, 6681), (613, 6726), (643, 6804), (646, 6810), (679, 6855), (763, 7008), (778, 7029), (915, 7203), (928, 7227), (930, 7230), (988, 7290), (992, 7302), (1007, 7329), (1026, 7350), (1086, 7434), (1096, 7446), (1184, 7539), (1269, 7683), (1294, 7716), (1299, 7722),

Gene: Florinda_2 Start: 584, Stop: 2221, Start Num: 126
Candidate Starts for Florinda_2:
(Start: 126 @584 has 206 MA's), (Start: 139 @599 has 1 MA's), (Start: 147 @608 has 3 MA's), (153, 614), (Start: 184 @641 has 3 MA's), (Start: 217 @665 has 209 MA's), (Start: 219 @668 has 2 MA's), (271, 731), (291, 749), (310, 770), (372, 857), (375, 863), (419, 917), (433, 929), (445, 950), (447, 953), (454, 974), (467, 995), (482, 1010), (519, 1067), (543, 1106), (580, 1175), (584, 1181), (597, 1211), (598, 1214), (603, 1223), (612, 1238), (621, 1256), (638, 1307), (695, 1409), (845, 1580), (859, 1592), (872, 1610), (915, 1676), (934, 1706), (937, 1709), (940, 1712), (988, 1769), (993, 1784), (995, 1790), (996, 1793), (1007, 1808), (1020, 1817), (1062, 1886), (1082, 1916), (1084, 1925), (1112, 1958), (1132, 1979), (1140, 1991), (1176, 2018), (1197, 2042), (1202, 2051), (1219, 2078), (1222, 2081), (1235, 2102), (1246, 2126), (1251, 2135), (1253, 2138), (1284, 2195),

Gene: Fluke_5 Start: 3123, Stop: 4688, Start Num: 155
Candidate Starts for Fluke_5:
(Start: 155 @3123 has 82 MA's), (Start: 324 @3333 has 4 MA's), (325, 3336), (396, 3429), (409, 3453), (430, 3477), (573, 3693), (584, 3708), (586, 3714), (607, 3774), (740, 3933), (759, 3963), (768, 3978), (815, 4059), (880, 4137), (883, 4146), (905, 4182), (923, 4221), (953, 4254), (963, 4263), (977, 4290), (1020, 4344), (1044, 4386), (1111, 4431), (1126, 4452), (1141, 4476), (1222, 4554), (1308, 4674),

Gene: Flutur_2 Start: 533, Stop: 2239, Start Num: 101
Candidate Starts for Flutur_2:
(Start: 101 @533 has 50 MA's), (444, 905), (476, 962), (512, 1010), (572, 1100), (596, 1154), (646, 1274), (699, 1364), (828, 1526), (915, 1649), (1096, 1904), (1106, 1919), (1144, 1973), (1196, 2054), (1244, 2138), (1256, 2162),

Gene: Flux_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Flux_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: FlyCatcher_15 Start: 8301, Stop: 10001, Start Num: 102
Candidate Starts for FlyCatcher_15:
(Start: 102 @8301 has 391 MA's), (Start: 166 @8364 has 2 MA's), (320, 8508), (339, 8538), (363, 8571), (406, 8634), (476, 8757), (489, 8772), (558, 8865), (569, 8889), (593, 8955), (673, 9111), (720, 9210), (778, 9297), (798, 9330), (855, 9384), (866, 9399), (913, 9468), (915, 9471), (928, 9495), (992, 9573), (1096, 9717), (1130, 9762), (1198, 9825), (1253, 9924), (1269, 9954), (1292, 9987),

Gene: Football_14 Start: 7212, Stop: 8957, Start Num: 217
Candidate Starts for Football_14:
(Start: 217 @7212 has 209 MA's), (222, 7218), (280, 7305), (287, 7311), (315, 7347), (343, 7401), (393, 7497), (504, 7686), (523, 7704), (525, 7707), (561, 7776), (604, 7878), (621, 7914), (628, 7935), (636, 7959), (660, 8016), (680, 8064), (709, 8130), (728, 8163), (731, 8169), (748, 8199), (761, 8220), (804, 8292), (949, 8487), (991, 8553), (1000, 8574), (1003, 8577), (1043, 8637), (1125, 8748), (1161, 8784), (1182, 8805), (1196, 8817), (1224, 8862), (1226, 8865), (1244, 8907), (1246, 8910),

Gene: Footloose_2 Start: 428, Stop: 2197, Start Num: 96
Candidate Starts for Footloose_2:
(51, 362), (56, 371), (Start: 96 @428 has 7 MA's), (201, 542), (249, 596), (257, 614), (262, 629), (274, 650), (Start: 302 @683 has 3 MA's), (316, 701), (325, 719), (350, 755), (352, 758), (426, 866), (443, 893), (450, 908), (452, 914), (462, 935), (476, 953), (543, 1043), (593, 1139), (597, 1151), (610, 1178), (621, 1199), (634, 1238), (663, 1295), (671, 1307), (693, 1346), (704, 1373), (707, 1382), (739, 1403), (758, 1424), (766, 1436), (771, 1445), (865, 1550), (870, 1556), (892, 1580), (920, 1634), (930, 1649), (939, 1658), (943, 1664), (977, 1703), (997, 1745), (1010, 1763), (1028, 1808), (1061, 1865), (1089, 1913), (1096, 1922), (1184, 2021), (1196, 2033), (1210, 2057), (1217, 2069), (1246, 2120), (1249, 2126), (1256, 2141), (1265, 2156), (1267, 2159), (1288, 2189),

Gene: ForGetIt_9 Start: 6005, Stop: 7783, Start Num: 53
Candidate Starts for ForGetIt_9:
(Start: 53 @6005 has 20 MA's), (Start: 63 @6032 has 32 MA's), (114, 6101), (Start: 154 @6140 has 1 MA's), (228, 6215), (Start: 231 @6221 has 26 MA's), (350, 6353), (406, 6428), (407, 6431), (489, 6566), (521, 6605), (536, 6629), (593, 6737), (613, 6782), (643, 6860), (646, 6866), (743, 7031), (763, 7064), (778, 7085), (915, 7259), (928, 7283), (930, 7286), (988, 7346), (992, 7358), (1007, 7385), (1026, 7406), (1086, 7490), (1096, 7502), (1269, 7739), (1294, 7772), (1299, 7778),

Gene: Forester_2 Start: 640, Stop: 2394, Start Num: 100
Candidate Starts for Forester_2:
(Start: 100 @640 has 15 MA's), (Start: 122 @664 has 16 MA's), (434, 1006), (462, 1057), (476, 1075), (538, 1168), (572, 1225), (800, 1648), (915, 1810), (917, 1816), (1038, 1990), (1096, 2065), (1106, 2080), (1172, 2161), (1242, 2284), (1251, 2305), (1256, 2317),

Gene: ForesterFrank_14 Start: 8955, Stop: 10742, Start Num: 103
Candidate Starts for ForesterFrank_14:
(Start: 103 @8955 has 278 MA's), (Start: 206 @9063 has 29 MA's), (226, 9084), (288, 9192), (309, 9216), (325, 9243), (350, 9279), (473, 9474), (476, 9477), (503, 9516), (558, 9585), (593, 9675), (603,

9699), (621, 9726), (673, 9831), (915, 10218), (988, 10305), (992, 10317), (1007, 10344), (1026, 10365), (1096, 10461), (1269, 10698), (1290, 10725), (1292, 10728), (1294, 10731), (1296, 10734),

Gene: Forge_5 Start: 1855, Stop: 3489, Start Num: 84
Candidate Starts for Forge_5:
(Start: 84 @1855 has 21 MA's), (Start: 128 @1894 has 3 MA's), (199, 1942), (332, 2113), (373, 2152), (487, 2332), (494, 2341), (499, 2350), (550, 2413), (555, 2419), (594, 2503), (595, 2506), (596, 2509), (642, 2605), (643, 2608), (647, 2617), (690, 2683), (720, 2713), (738, 2740), (758, 2773), (772, 2794), (774, 2797), (837, 2893), (855, 2914), (914, 3004), (950, 3046), (965, 3064), (968, 3070), (1005, 3133), (1009, 3139), (1017, 3142), (1044, 3187), (1047, 3193), (1069, 3220), (1087, 3235), (1130, 3286), (1135, 3295), (1145, 3310), (1148, 3313), (1176, 3352), (1188, 3367), (1200, 3382), (1202, 3385), (1263, 3463), (1267, 3469),

Gene: Forsytheast_10 Start: 7010, Stop: 8698, Start Num: 102
Candidate Starts for Forsytheast_10:
(Start: 102 @7010 has 391 MA's), (Start: 302 @7190 has 3 MA's), (363, 7274), (383, 7310), (476, 7460), (558, 7568), (593, 7658), (603, 7682), (637, 7757), (679, 7826), (720, 7913), (760, 7973), (939, 8207), (952, 8219), (988, 8261), (995, 8282), (1020, 8309), (1096, 8417), (1182, 8507), (1246, 8612),

Gene: FortCran_13 Start: 7494, Stop: 9239, Start Num: 217
Candidate Starts for FortCran_13:
(Start: 217 @7494 has 209 MA's), (222, 7500), (280, 7587), (287, 7593), (315, 7629), (343, 7683), (393, 7779), (504, 7968), (523, 7986), (525, 7989), (561, 8058), (604, 8160), (621, 8196), (628, 8217), (636, 8241), (660, 8298), (680, 8346), (709, 8412), (728, 8445), (731, 8451), (748, 8481), (761, 8502), (804, 8574), (949, 8769), (991, 8835), (1000, 8856), (1003, 8859), (1043, 8919), (1125, 9030), (1161, 9066), (1182, 9087), (1196, 9099), (1224, 9144), (1226, 9147), (1244, 9189), (1246, 9192),

Gene: FosterFrank_2 Start: 625, Stop: 2373, Start Num: 236
Candidate Starts for FosterFrank_2:
(189, 574), (213, 601), (Start: 236 @625 has 15 MA's), (295, 718), (358, 820), (382, 859), (385, 865), (395, 883), (403, 898), (405, 901), (482, 1039), (536, 1114), (548, 1135), (605, 1261), (664, 1363), (691, 1420), (697, 1435), (723, 1474), (851, 1675), (907, 1747), (913, 1762), (924, 1786), (945, 1819), (1041, 1996), (1056, 2020), (1064, 2038), (1088, 2068), (1098, 2083), (1109, 2098), (1129, 2125), (1150, 2152), (1177, 2176), (1185, 2185), (1226, 2236), (1251, 2290),

Gene: Foxboro_25 Start: 13660, Stop: 15387, Start Num: 124
Candidate Starts for Foxboro_25:
(22, 13426), (52, 13555), (Start: 124 @13660 has 12 MA's), (270, 13810), (317, 13861), (319, 13867), (346, 13906), (361, 13936), (375, 13960), (384, 13978), (398, 14005), (425, 14068), (433, 14086), (597, 14371), (612, 14398), (643, 14482), (695, 14566), (699, 14578), (716, 14611), (798, 14689), (867, 14767), (915, 14839), (937, 14872), (973, 14935), (988, 14962), (996, 14986), (1020, 15010), (1084, 15109), (1121, 15157), (1246, 15295), (1261, 15325), (1297, 15379),

Gene: Francis47_11 Start: 7247, Stop: 8935, Start Num: 102
Candidate Starts for Francis47_11:
(Start: 102 @7247 has 391 MA's), (363, 7511), (379, 7535), (476, 7697), (500, 7730), (558, 7805), (593, 7895), (603, 7919), (621, 7946), (637, 7994), (720, 8150), (760, 8210), (930, 8435), (939, 8444), (952, 8456), (988, 8498), (995, 8519), (1020, 8546), (1096, 8654), (1182, 8744), (1246, 8849),

Gene: Francois_6 Start: 1977, Stop: 3407, Start Num: 329
Candidate Starts for Francois_6:
(201, 1809), (Start: 204 @1812 has 1 MA's), (207, 1815), (213, 1821), (Start: 329 @1977 has 15 MA's), (343, 1995), (379, 2058), (409, 2118), (427, 2136), (448, 2175), (452, 2184), (504, 2268), (508, 2277),

(585, 2352), (588, 2367), (601, 2400), (634, 2466), (816, 2784), (819, 2787), (829, 2799), (866, 2847), (898, 2889), (928, 2940), (964, 2970), (990, 3018), (1003, 3045), (1044, 3105), (1069, 3138), (1083, 3153), (1154, 3231), (1211, 3294), (1213, 3297),

Gene: Franklin22_2 Start: 667, Stop: 2232, Start Num: 211
Candidate Starts for Franklin22_2:
(Start: 211 @667 has 88 MA's), (Start: 231 @694 has 26 MA's), (330, 823), (409, 931), (414, 937), (459, 1015), (489, 1057), (554, 1114), (585, 1165), (607, 1228), (914, 1717), (1023, 1861), (1096, 1921), (1222, 2089), (1261, 2161), (1293, 2203), (1314, 2224),

Gene: FreakyGoo_15 Start: 4719, Stop: 6263, Start Num: 181
Candidate Starts for FreakyGoo_15:
(Start: 181 @4719 has 21 MA's), (223, 4767), (377, 4968), (454, 5106), (595, 5298), (700, 5508), (733, 5559), (782, 5631), (873, 5694), (893, 5718), (902, 5733), (939, 5793), (953, 5805), (988, 5865), (1003, 5898), (1028, 5931), (1045, 5958), (1090, 6006), (1228, 6192), (1241, 6213),

Gene: Fred313_11 Start: 6199, Stop: 7896, Start Num: 102
Candidate Starts for Fred313_11:
(Start: 102 @6199 has 391 MA's), (174, 6271), (363, 6469), (465, 6643), (476, 6655), (503, 6694), (518, 6706), (558, 6763), (569, 6787), (593, 6853), (596, 6862), (634, 6943), (720, 7108), (763, 7174), (778, 7195), (791, 7219), (798, 7228), (864, 7294), (915, 7369), (928, 7393), (930, 7396), (936, 7402), (943, 7411), (988, 7459), (1007, 7498), (1026, 7519), (1096, 7615), (1130, 7660), (1134, 7669), (1253, 7822), (1269, 7852), (1292, 7882), (1294, 7885),

Gene: FreddyB_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for FreddyB_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 176 @617 has 83 MA's), (Start: 184 @629 has 3 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (310, 758), (372, 845), (419, 905), (433, 917), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (482, 998), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (689, 1388), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1140, 1979), (1176, 2006), (1202, 2039), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: Fribs8_5 Start: 1777, Stop: 3477, Start Num: 176
Candidate Starts for Fribs8_5:
(Start: 176 @1777 has 83 MA's), (203, 1807), (237, 1849), (350, 1987), (383, 2035), (407, 2065), (426, 2098), (443, 2134), (450, 2149), (454, 2164), (476, 2194), (507, 2245), (572, 2344), (582, 2365), (619, 2434), (634, 2476), (645, 2506), (729, 2653), (758, 2704), (798, 2767), (814, 2791), (888, 2857), (908, 2890), (911, 2914), (913, 2917), (917, 2926), (930, 2947), (956, 2974), (988, 3019), (992, 3031), (994, 3037), (1007, 3058), (1035, 3097), (1112, 3196), (1140, 3232), (1222, 3319), (1265, 3400), (1269, 3406), (1311, 3463), (1313, 3466),

Gene: Frizzle_1 Start: 60, Stop: 1760, Start Num: 58
Candidate Starts for Frizzle_1:
(45, 21), (Start: 58 @60 has 4 MA's), (284, 345), (377, 459), (431, 549), (442, 564), (452, 588), (485, 642), (582, 750), (587, 768), (623, 840), (635, 876), (646, 906), (734, 966), (834, 1107), (920, 1248), (923, 1251), (925, 1254), (927, 1257), (947, 1278), (963, 1293), (1039, 1425), (1093, 1479), (1111, 1503), (1260, 1695),

Gene: FrodoSwaggins_7 Start: 2850, Stop: 4595, Start Num: 217

Candidate Starts for FrodoSwaggins_7:
(Start: 217 @2850 has 209 MA's), (252, 2904), (Start: 255 @2907 has 1 MA's), (280, 2943), (287, 2949), (430, 3183), (485, 3282), (504, 3324), (525, 3345), (547, 3387), (556, 3399), (596, 3498), (604, 3516), (621, 3552), (713, 3777), (728, 3801), (731, 3807), (804, 3930), (859, 3999), (940, 4116), (967, 4143), (1000, 4212), (1003, 4215), (1038, 4266), (1101, 4353), (1146, 4419), (1182, 4443), (1196, 4455), (1207, 4473), (1244, 4545), (1246, 4548),

Gene: FroggyToad_2 Start: 318, Stop: 1889, Start Num: 134
Candidate Starts for FroggyToad_2:
(Start: 134 @318 has 105 MA's), (313, 504), (332, 537), (397, 621), (402, 630), (431, 666), (461, 726), (552, 819), (596, 912), (607, 936), (630, 978), (679, 1071), (702, 1086), (736, 1137), (741, 1149), (760, 1179), (783, 1212), (837, 1293), (873, 1338), (876, 1344), (895, 1365), (986, 1500), (989, 1506), (1005, 1539), (1031, 1575), (1044, 1593), (1078, 1629), (1120, 1680), (1162, 1740), (1164, 1743), (1266, 1872),

Gene: Froghopper_12 Start: 6689, Stop: 8377, Start Num: 102
Candidate Starts for Froghopper_12:
(Start: 102 @6689 has 391 MA's), (Start: 302 @6869 has 3 MA's), (363, 6953), (383, 6989), (406, 7016), (476, 7139), (500, 7172), (558, 7247), (593, 7337), (603, 7361), (621, 7388), (637, 7436), (714, 7580), (720, 7592), (760, 7652), (930, 7877), (939, 7886), (952, 7898), (988, 7940), (995, 7961), (1020, 7988), (1096, 8096), (1182, 8186), (1246, 8291),

Gene: Frokostdame_2 Start: 361, Stop: 1959, Start Num: 163
Candidate Starts for Frokostdame_2:
(Start: 113 @334 has 24 MA's), (157, 355), (Start: 163 @361 has 37 MA's), (269, 475), (275, 484), (313, 517), (Start: 324 @535 has 4 MA's), (334, 550), (362, 571), (377, 592), (404, 646), (409, 655), (431, 691), (451, 727), (454, 739), (489, 781), (491, 784), (630, 1003), (637, 1018), (642, 1033), (643, 1036), (702, 1111), (736, 1162), (837, 1318), (855, 1339), (857, 1342), (914, 1429), (923, 1441), (952, 1474), (953, 1477), (984, 1516), (988, 1522), (989, 1525), (1031, 1594), (1033, 1597), (1085, 1657), (1087, 1660), (1093, 1669), (1148, 1738), (1156, 1753), (1287, 1942),

Gene: FromIndy_7 Start: 3414, Stop: 5153, Start Num: 217
Candidate Starts for FromIndy_7:
(Start: 214 @3411 has 4 MA's), (Start: 217 @3414 has 209 MA's), (222, 3420), (252, 3468), (Start: 255 @3471 has 1 MA's), (280, 3507), (287, 3513), (Start: 366 @3651 has 1 MA's), (387, 3687), (393, 3699), (504, 3882), (525, 3903), (574, 3996), (580, 4005), (596, 4056), (604, 4074), (728, 4359), (804, 4488), (859, 4557), (921, 4647), (940, 4674), (967, 4701), (1000, 4770), (1003, 4773), (1031, 4815), (1038, 4824), (1131, 4953), (1161, 4980), (1182, 5001), (1196, 5013), (1207, 5031), (1244, 5103), (1246, 5106), (1253, 5118),

Gene: Fruitloop_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Fruitloop_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Fulbright_2 Start: 501, Stop: 2036, Start Num: 231

Candidate Starts for Fulbright_2:
(Start: 231 @501 has 26 MA's), (Start: 234 @504 has 29 MA's), (243, 516), (Start: 245 @519 has 1 MA's), (282, 576), (Start: 297 @594 has 2 MA's), (309, 606), (368, 678), (380, 696), (390, 714), (400, 735), (443, 798), (459, 837), (487, 870), (508, 918), (573, 1002), (584, 1017), (601, 1068), (605, 1077), (623, 1101), (636, 1140), (637, 1143), (641, 1155), (713, 1281), (728, 1305), (769, 1368), (830, 1452), (886, 1524), (902, 1548), (925, 1590), (930, 1599), (977, 1656), (995, 1695), (1033, 1752), (1041, 1758), (1047, 1761), (1079, 1782), (1109, 1830), (1134, 1866), (1207, 1947), (1210, 1953),

Gene: Funston_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Funston_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Fury_33 Start: 12931, Stop: 14610, Start Num: 123
Candidate Starts for Fury_33:
(Start: 123 @12931 has 9 MA's), (129, 12937), (Start: 231 @13042 has 26 MA's), (319, 13141), (346, 13180), (361, 13210), (375, 13234), (482, 13390), (597, 13591), (621, 13636), (695, 13786), (699, 13798), (937, 14092), (959, 14125), (996, 14206), (1084, 14329), (1094, 14341), (1166, 14404), (1219, 14473), (1246, 14515), (1261, 14545), (1287, 14587), (1297, 14602),

Gene: Fushigi_12 Start: 7411, Stop: 9099, Start Num: 108
Candidate Starts for Fushigi_12:
(Start: 108 @7411 has 24 MA's), (Start: 302 @7591 has 3 MA's), (363, 7675), (380, 7702), (383, 7711), (476, 7861), (500, 7894), (558, 7969), (593, 8059), (603, 8083), (621, 8110), (637, 8158), (679, 8227), (720, 8314), (760, 8374), (930, 8599), (939, 8608), (952, 8620), (988, 8662), (995, 8683), (1020, 8710), (1096, 8818), (1182, 8908), (1246, 9013),

Gene: GAL1_4 Start: 1617, Stop: 3242, Start Num: 126
Candidate Starts for GAL1_4:
(Start: 126 @1617 has 206 MA's), (Start: 184 @1677 has 3 MA's), (Start: 219 @1704 has 2 MA's), (246, 1743), (268, 1761), (291, 1785), (298, 1794), (346, 1845), (361, 1875), (375, 1899), (384, 1917), (419, 1953), (433, 1968), (445, 1989), (472, 2037), (474, 2040), (477, 2043), (499, 2073), (539, 2139), (594, 2241), (597, 2250), (603, 2262), (621, 2295), (670, 2397), (689, 2436), (699, 2457), (716, 2490), (798, 2568), (802, 2574), (830, 2613), (833, 2619), (888, 2673), (906, 2700), (913, 2718), (915, 2721), (916, 2724), (943, 2763), (980, 2802), (988, 2817), (1007, 2856), (1020, 2865), (1038, 2898), (1060, 2928), (1061, 2931), (1084, 2964), (1112, 2997), (1121, 3012), (1163, 3036), (1197, 3072), (1214, 3102), (1222, 3111), (1246, 3150), (1261, 3180), (1272, 3198), (1297, 3234),

Gene: GEazy_2 Start: 522, Stop: 2105, Start Num: 175
Candidate Starts for GEazy_2:
(137, 489), (152, 498), (Start: 175 @522 has 14 MA's), (404, 807), (431, 840), (454, 888), (499, 948), (509, 960), (584, 1050), (630, 1155), (702, 1299), (736, 1350), (794, 1446), (835, 1506), (873, 1554), (893, 1578), (952, 1665), (1009, 1755), (1031, 1785), (1044, 1803), (1104, 1872), (1118, 1887), (1135, 1911),

Gene: GMA4_2 Start: 489, Stop: 2087, Start Num: 148
Candidate Starts for GMA4_2:
(Start: 148 @489 has 1 MA's), (Start: 209 @540 has 1 MA's), (Start: 239 @579 has 2 MA's), (309, 636), (350, 699), (352, 702), (363, 711), (381, 741), (420, 783), (462, 861), (476, 879), (543, 966), (572, 1017), (593, 1062), (596, 1071), (628, 1140), (671, 1218), (687, 1257), (705, 1290), (716, 1311), (778,

1365), (781, 1371), (791, 1389), (813, 1419), (821, 1431), (890, 1491), (917, 1542), (1096, 1791), (1144, 1860), (1198, 1911), (1256, 2016),

Gene: GMA5_2 Start: 466, Stop: 1860, Start Num: 244
Candidate Starts for GMA5_2:
(Start: 244 @466 has 5 MA's), (Start: 314 @559 has 1 MA's), (402, 685), (414, 703), (452, 763), (454, 772), (455, 775), (534, 859), (577, 922), (581, 928), (596, 976), (627, 1030), (677, 1132), (784, 1243), (866, 1348), (895, 1387), (898, 1393), (1022, 1567), (1078, 1642), (1152, 1741), (1227, 1846),

Gene: GMonster_10 Start: 6615, Stop: 8303, Start Num: 102
Candidate Starts for GMonster_10:
(Start: 102 @6615 has 391 MA's), (363, 6879), (379, 6903), (476, 7065), (500, 7098), (558, 7173), (593, 7263), (603, 7287), (621, 7314), (637, 7362), (679, 7431), (720, 7518), (727, 7527), (760, 7578), (939, 7812), (952, 7824), (988, 7866), (995, 7887), (1020, 7914), (1096, 8022), (1182, 8112), (1246, 8217),

Gene: GRU1_terL Start: 5541, Stop: 7217, Start Num: 126
Candidate Starts for GRU1_terL:
(Start: 126 @5541 has 206 MA's), (270, 5691), (319, 5748), (337, 5775), (346, 5787), (361, 5817), (445, 5937), (597, 6201), (612, 6228), (643, 6312), (649, 6324), (695, 6396), (699, 6408), (716, 6441), (798, 6519), (870, 6600), (892, 6627), (915, 6669), (940, 6705), (959, 6735), (996, 6816), (1007, 6831), (1084, 6939), (1246, 7125), (1261, 7155),

Gene: GRU3_2 Start: 495, Stop: 1916, Start Num: 244
Candidate Starts for GRU3_2:
(Start: 244 @495 has 5 MA's), (Start: 314 @588 has 1 MA's), (328, 615), (377, 663), (381, 672), (396, 702), (402, 714), (430, 750), (444, 774), (452, 792), (454, 801), (581, 963), (596, 1011), (629, 1074), (866, 1389), (876, 1404), (895, 1428), (1044, 1647), (1078, 1692), (1096, 1719), (1132, 1770), (1152, 1791),

Gene: GTE2_02 Start: 803, Stop: 2482, Start Num: 176
Candidate Starts for GTE2_02:
(Start: 176 @803 has 83 MA's), (Start: 224 @854 has 17 MA's), (237, 875), (295, 920), (382, 1046), (388, 1055), (394, 1067), (406, 1076), (450, 1163), (468, 1199), (476, 1208), (507, 1259), (572, 1358), (596, 1412), (619, 1448), (687, 1592), (706, 1628), (729, 1667), (747, 1700), (821, 1814), (863, 1838), (917, 1937), (984, 2021), (1038, 2108), (1112, 2204), (1170, 2252), (1185, 2276), (1222, 2327), (1265, 2408), (1311, 2468), (1313, 2471),

Gene: GTE5_terL Start: 6550, Stop: 8226, Start Num: 126
Candidate Starts for GTE5_terL:
(Start: 126 @6550 has 206 MA's), (270, 6700), (319, 6757), (337, 6784), (346, 6796), (361, 6826), (597, 7210), (612, 7237), (695, 7405), (699, 7417), (716, 7450), (798, 7528), (870, 7609), (915, 7678), (940, 7714), (959, 7744), (996, 7825), (1007, 7840), (1049, 7900), (1084, 7948), (1246, 8134), (1261, 8164),

Gene: GTE8_13 Start: 6443, Stop: 8170, Start Num: 124
Candidate Starts for GTE8_13:
(52, 6338), (Start: 124 @6443 has 12 MA's), (270, 6593), (317, 6644), (319, 6650), (346, 6689), (361, 6719), (433, 6869), (597, 7154), (612, 7181), (643, 7265), (695, 7349), (699, 7361), (716, 7394), (798, 7472), (915, 7622), (937, 7655), (996, 7769), (1038, 7826), (1084, 7892), (1121, 7940), (1246, 8078), (1261, 8108),

Gene: GUmbie_2 Start: 588, Stop: 2225, Start Num: 126

Candidate Starts for GUmbie_2:
(Start: 126 @588 has 206 MA's), (Start: 139 @603 has 1 MA's), (Start: 147 @612 has 3 MA's), (153, 618), (Start: 184 @645 has 3 MA's), (Start: 217 @669 has 209 MA's), (Start: 219 @672 has 2 MA's), (271, 735), (291, 753), (310, 774), (372, 861), (375, 867), (419, 921), (433, 933), (442, 945), (445, 954), (447, 957), (454, 978), (467, 999), (482, 1014), (519, 1071), (543, 1110), (580, 1179), (584, 1185), (597, 1215), (598, 1218), (603, 1227), (612, 1242), (621, 1260), (638, 1311), (695, 1413), (845, 1584), (859, 1596), (872, 1614), (915, 1680), (934, 1710), (937, 1713), (940, 1716), (988, 1773), (993, 1788), (995, 1794), (996, 1797), (1007, 1812), (1020, 1821), (1062, 1890), (1082, 1920), (1112, 1962), (1130, 1980), (1140, 1995), (1176, 2022), (1202, 2055), (1219, 2082), (1222, 2085), (1235, 2106), (1246, 2130), (1251, 2139), (1253, 2142), (1284, 2199),

Gene: Gabbspett_3 Start: 1176, Stop: 2636, Start Num: 193
Candidate Starts for Gabbspett_3:
(Start: 193 @1176 has 146 MA's), (Start: 198 @1182 has 6 MA's), (325, 1344), (330, 1353), (377, 1413), (415, 1482), (431, 1503), (455, 1554), (606, 1758), (669, 1893), (744, 1971), (753, 1986), (777, 2022), (804, 2064), (832, 2097), (840, 2115), (923, 2235), (925, 2238), (936, 2250), (990, 2325), (1031, 2388), (1038, 2397), (1044, 2406), (1045, 2409), (1186, 2571), (1199, 2580), (1205, 2589), (1232, 2628),

Gene: Gabriela_4 Start: 1069, Stop: 2637, Start Num: 149
Candidate Starts for Gabriela_4:
(Start: 149 @1069 has 70 MA's), (Start: 155 @1075 has 82 MA's), (271, 1231), (484, 1528), (488, 1534), (533, 1594), (582, 1666), (585, 1672), (591, 1693), (636, 1792), (659, 1840), (684, 1894), (700, 1918), (728, 1963), (733, 1969), (753, 1999), (757, 2005), (777, 2032), (782, 2041), (848, 2098), (855, 2104), (873, 2125), (876, 2131), (925, 2206), (927, 2209), (963, 2245), (990, 2290), (1031, 2356), (1093, 2431), (1114, 2449), (1118, 2458), (1241, 2605), (1252, 2629), (1254, 2632),

Gene: Gachnar_11 Start: 7030, Stop: 8718, Start Num: 102
Candidate Starts for Gachnar_11:
(Start: 102 @7030 has 391 MA's), (363, 7294), (379, 7318), (476, 7480), (500, 7513), (558, 7588), (593, 7678), (603, 7702), (621, 7729), (637, 7777), (720, 7933), (760, 7993), (939, 8227), (952, 8239), (988, 8281), (995, 8302), (1020, 8329), (1096, 8437), (1182, 8527), (1246, 8632),

Gene: Gack_2 Start: 703, Stop: 2268, Start Num: 211
Candidate Starts for Gack_2:
(Start: 211 @703 has 88 MA's), (Start: 231 @730 has 26 MA's), (330, 859), (409, 967), (414, 973), (426, 982), (459, 1051), (489, 1093), (554, 1150), (585, 1201), (607, 1264), (663, 1384), (829, 1615), (914, 1753), (1008, 1882), (1222, 2125), (1293, 2239), (1314, 2260),

Gene: Gadost_11 Start: 6888, Stop: 8585, Start Num: 102
Candidate Starts for Gadost_11:
(Start: 102 @6888 has 391 MA's), (Start: 126 @6912 has 206 MA's), (Start: 239 @7035 has 2 MA's), (339, 7125), (363, 7158), (426, 7257), (473, 7341), (476, 7344), (503, 7383), (558, 7452), (569, 7476), (593, 7542), (634, 7632), (720, 7797), (778, 7884), (798, 7917), (864, 7983), (913, 8055), (915, 8058), (928, 8082), (980, 8133), (988, 8148), (1007, 8187), (1026, 8208), (1096, 8304), (1269, 8541), (1292, 8571), (1294, 8574),

Gene: Gage_10 Start: 2509, Stop: 4179, Start Num: 301
Candidate Starts for Gage_10:
(Start: 301 @2509 has 48 MA's), (344, 2572), (479, 2806), (548, 2908), (632, 3088), (641, 3112), (650, 3130), (663, 3142), (694, 3205), (698, 3217), (725, 3262), (734, 3277), (784, 3355), (811, 3400), (845, 3454), (851, 3460), (917, 3574), (946, 3622), (994, 3718), (1019, 3754), (1118, 3907), (1129, 3919), (1175, 3976), (1205, 4012), (1235, 4063), (1251, 4099), (1253, 4102), (1294, 4168),

Gene: GageAP_13 Start: 7736, Stop: 9424, Start Num: 108
Candidate Starts for GageAP_13:
(Start: 108 @7736 has 24 MA's), (Start: 302 @7916 has 3 MA's), (363, 8000), (380, 8027), (383, 8036), (476, 8186), (500, 8219), (558, 8294), (593, 8384), (603, 8408), (621, 8435), (637, 8483), (679, 8552), (720, 8639), (760, 8699), (930, 8924), (939, 8933), (952, 8945), (988, 8987), (995, 9008), (1020, 9035), (1096, 9143), (1182, 9233), (1246, 9338),

Gene: Gagieri_28 Start: 13785, Stop: 15458, Start Num: 126
Candidate Starts for Gagieri_28:
(Start: 126 @13785 has 206 MA's), (270, 13929), (298, 13959), (317, 13980), (367, 14067), (433, 14154), (445, 14175), (454, 14199), (474, 14226), (499, 14259), (538, 14325), (567, 14373), (597, 14436), (612, 14463), (676, 14592), (695, 14631), (699, 14643), (798, 14754), (833, 14805), (915, 14901), (916, 14904), (973, 15003), (992, 15042), (996, 15054), (1007, 15069), (1061, 15144), (1084, 15177), (1112, 15210), (1202, 15294), (1214, 15315), (1246, 15363), (1290, 15438), (1297, 15450),

Gene: Gail_11 Start: 6548, Stop: 8305, Start Num: 103
Candidate Starts for Gail_11:
(Start: 103 @6548 has 278 MA's), (Start: 123 @6569 has 9 MA's), (Start: 212 @6656 has 5 MA's), (Start: 231 @6680 has 26 MA's), (260, 6734), (266, 6746), (271, 6755), (288, 6779), (325, 6830), (473, 7061), (476, 7064), (558, 7175), (569, 7199), (593, 7265), (603, 7289), (634, 7355), (673, 7421), (727, 7529), (776, 7604), (915, 7781), (920, 7793), (928, 7805), (930, 7808), (936, 7814), (988, 7868), (1026, 7928), (1096, 8024), (1144, 8093), (1269, 8261), (1290, 8288),

Gene: Galactic_2 Start: 571, Stop: 2208, Start Num: 126
Candidate Starts for Galactic_2:
(Start: 126 @571 has 206 MA's), (133, 580), (Start: 147 @595 has 3 MA's), (Start: 184 @628 has 3 MA's), (Start: 217 @652 has 209 MA's), (Start: 219 @655 has 2 MA's), (271, 718), (310, 757), (372, 844), (419, 904), (442, 928), (445, 937), (447, 940), (454, 961), (467, 982), (482, 997), (519, 1054), (543, 1093), (580, 1162), (584, 1168), (597, 1198), (598, 1201), (603, 1210), (612, 1225), (621, 1243), (638, 1294), (689, 1387), (695, 1396), (845, 1567), (859, 1579), (915, 1663), (934, 1693), (937, 1696), (940, 1699), (988, 1756), (993, 1771), (995, 1777), (996, 1780), (1007, 1795), (1020, 1804), (1062, 1873), (1082, 1903), (1084, 1912), (1112, 1945), (1130, 1963), (1140, 1978), (1176, 2005), (1202, 2038), (1219, 2065), (1222, 2068), (1235, 2089), (1246, 2113), (1251, 2122), (1253, 2125), (1284, 2182),

Gene: Galaxy_3 Start: 758, Stop: 2338, Start Num: 224
Candidate Starts for Galaxy_3:
(Start: 164 @692 has 12 MA's), (Start: 224 @758 has 17 MA's), (248, 794), (Start: 300 @854 has 12 MA's), (306, 863), (401, 995), (409, 1010), (430, 1034), (443, 1055), (554, 1193), (585, 1244), (587, 1256), (607, 1307), (619, 1319), (643, 1388), (674, 1448), (687, 1478), (698, 1487), (744, 1550), (896, 1766), (905, 1778), (923, 1817), (949, 1844), (963, 1859), (980, 1889), (1014, 1928), (1017, 1937), (1023, 1946), (1093, 2036), (1114, 2063), (1203, 2177), (1246, 2246),

Gene: Gallia_20 Start: 10701, Stop: 12389, Start Num: 98
Candidate Starts for Gallia_20:
(98, 10701), (274, 10893), (Start: 324 @10956 has 4 MA's), (361, 11025), (384, 11067), (416, 11106), (479, 11202), (483, 11211), (485, 11214), (503, 11238), (513, 11256), (597, 11397), (643, 11508), (670, 11544), (695, 11595), (699, 11607), (830, 11763), (892, 11826), (916, 11871), (1020, 12009), (1061, 12075), (1084, 12108), (1194, 12213), (1214, 12246), (1233, 12264), (1246, 12294), (1270, 12339),

Gene: Gallop_2 Start: 389, Stop: 1936, Start Num: 169

Candidate Starts for Gallop_2:
(169, 389), (178, 398), (Start: 187 @404 has 2 MA's), (Start: 232 @449 has 12 MA's), (305, 542), (313, 551), (330, 581), (396, 665), (400, 671), (402, 677), (451, 749), (550, 863), (573, 902), (584, 920), (596, 959), (623, 1004), (627, 1013), (630, 1025), (647, 1073), (673, 1121), (747, 1220), (754, 1232), (760, 1241), (783, 1274), (820, 1334), (837, 1361), (839, 1364), (855, 1382), (866, 1397), (869, 1400), (920, 1478), (943, 1505), (950, 1511), (984, 1556), (1000, 1592), (1028, 1628), (1176, 1811), (1193, 1832), (1200, 1841), (1228, 1883), (1235, 1898),

Gene: GaloreK_2 Start: 413, Stop: 2089, Start Num: 134
Candidate Starts for GaloreK_2:
(Start: 134 @413 has 105 MA's), (313, 629), (338, 668), (360, 725), (362, 731), (373, 749), (397, 794), (400, 797), (404, 806), (409, 815), (414, 821), (417, 824), (451, 878), (459, 899), (467, 911), (541, 1001), (636, 1190), (702, 1286), (736, 1337), (828, 1478), (837, 1490), (984, 1688), (989, 1697), (1000, 1724), (1031, 1766), (1044, 1784), (1118, 1868), (1130, 1883), (1269, 2072),

Gene: Gambino_2 Start: 361, Stop: 1959, Start Num: 163
Candidate Starts for Gambino_2:
(Start: 113 @334 has 24 MA's), (Start: 163 @361 has 37 MA's), (269, 475), (275, 484), (313, 517), (Start: 324 @535 has 4 MA's), (334, 550), (362, 571), (377, 592), (404, 646), (409, 655), (431, 691), (451, 727), (454, 739), (489, 781), (491, 784), (630, 1003), (637, 1018), (642, 1033), (643, 1036), (702, 1111), (736, 1162), (837, 1318), (855, 1339), (857, 1342), (914, 1429), (923, 1441), (952, 1474), (953, 1477), (984, 1516), (988, 1522), (989, 1525), (1031, 1594), (1033, 1597), (1085, 1657), (1087, 1660), (1093, 1669), (1148, 1738), (1156, 1753), (1287, 1942),

Gene: Gambol_2 Start: 593, Stop: 2281, Start Num: 122
Candidate Starts for Gambol_2:
(Start: 122 @593 has 16 MA's), (343, 794), (434, 938), (450, 962), (476, 1007), (541, 1094), (572, 1148), (591, 1187), (646, 1322), (705, 1424), (800, 1535), (887, 1646), (915, 1697), (1096, 1952), (1106, 1967), (1251, 2192), (1256, 2204), (1265, 2219),

Gene: Gancho_4 Start: 1561, Stop: 3195, Start Num: 84
Candidate Starts for Gancho_4:
(Start: 84 @1561 has 21 MA's), (Start: 128 @1600 has 3 MA's), (199, 1648), (332, 1819), (373, 1858), (487, 2038), (494, 2047), (499, 2056), (550, 2119), (555, 2125), (594, 2209), (595, 2212), (596, 2215), (642, 2311), (643, 2314), (647, 2323), (690, 2389), (720, 2419), (738, 2446), (758, 2479), (772, 2500), (774, 2503), (837, 2599), (855, 2620), (914, 2710), (950, 2752), (965, 2770), (968, 2776), (1005, 2839), (1009, 2845), (1017, 2848), (1044, 2893), (1047, 2899), (1069, 2926), (1087, 2941), (1130, 2992), (1135, 3001), (1145, 3016), (1148, 3019), (1176, 3058), (1188, 3073), (1200, 3088), (1202, 3091), (1263, 3169), (1267, 3175),

Gene: Gandalf20_12 Start: 7804, Stop: 9492, Start Num: 102
Candidate Starts for Gandalf20_12:
(Start: 102 @7804 has 391 MA's), (Start: 302 @7984 has 3 MA's), (363, 8068), (383, 8104), (406, 8131), (476, 8254), (558, 8362), (593, 8452), (603, 8476), (637, 8551), (720, 8707), (760, 8767), (930, 8992), (939, 9001), (952, 9013), (988, 9055), (995, 9076), (1020, 9103), (1096, 9211), (1182, 9301), (1246, 9406),

Gene: Gandalph_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Gandalph_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184),

(597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Gandionco_15 Start: 7544, Stop: 9328, Start Num: 217
Candidate Starts for Gandionco_15:
(Start: 211 @7538 has 88 MA's), (Start: 217 @7544 has 209 MA's), (287, 7643), (438, 7892), (458, 7940), (504, 8018), (525, 8039), (561, 8108), (604, 8210), (625, 8255), (628, 8267), (647, 8324), (680, 8396), (728, 8495), (761, 8552), (770, 8567), (804, 8624), (859, 8693), (868, 8705), (912, 8798), (949, 8858), (967, 8876), (970, 8882), (1000, 8945), (1003, 8948), (1030, 8987), (1125, 9119), (1146, 9152), (1182, 9176), (1196, 9188), (1207, 9206), (1244, 9278), (1246, 9281),

Gene: GantcherGoblin_7 Start: 3230, Stop: 4963, Start Num: 217
Candidate Starts for GantcherGoblin_7:
(Start: 217 @3230 has 209 MA's), (287, 3329), (438, 3566), (458, 3614), (504, 3692), (523, 3710), (525, 3713), (561, 3782), (604, 3884), (616, 3908), (636, 3965), (680, 4070), (728, 4169), (744, 4199), (770, 4241), (804, 4298), (859, 4367), (868, 4379), (949, 4493), (967, 4511), (1000, 4580), (1003, 4583), (1131, 4763), (1146, 4787), (1182, 4811), (1196, 4823), (1203, 4835), (1224, 4868), (1244, 4913), (1246, 4916),

Gene: Garak_16 Start: 7533, Stop: 9287, Start Num: 103
Candidate Starts for Garak_16:
(Start: 103 @7533 has 278 MA's), (Start: 231 @7665 has 26 MA's), (288, 7764), (309, 7788), (325, 7815), (350, 7851), (406, 7926), (476, 8049), (489, 8064), (503, 8088), (558, 8157), (569, 8181), (571, 8184), (593, 8247), (603, 8271), (671, 8400), (673, 8403), (729, 8514), (855, 8676), (915, 8763), (920, 8775), (928, 8787), (980, 8835), (988, 8850), (1007, 8889), (1026, 8910), (1086, 8994), (1096, 9006), (1269, 9243), (1290, 9270), (1292, 9273),

Gene: Gardann_4 Start: 1069, Stop: 2637, Start Num: 149
Candidate Starts for Gardann_4:
(Start: 149 @1069 has 70 MA's), (Start: 155 @1075 has 82 MA's), (271, 1231), (484, 1528), (488, 1534), (533, 1594), (582, 1666), (585, 1672), (636, 1792), (659, 1840), (684, 1894), (700, 1918), (728, 1963), (733, 1969), (753, 1999), (757, 2005), (777, 2032), (782, 2041), (848, 2098), (855, 2104), (873, 2125), (876, 2131), (925, 2206), (927, 2209), (963, 2245), (990, 2290), (1031, 2356), (1093, 2431), (1114, 2449), (1118, 2458), (1241, 2605), (1252, 2629), (1254, 2632),

Gene: GardenSalsa_18 Start: 5300, Stop: 6841, Start Num: 181
Candidate Starts for GardenSalsa_18:
(Start: 181 @5300 has 21 MA's), (Start: 184 @5303 has 3 MA's), (323, 5486), (332, 5504), (371, 5537), (377, 5546), (409, 5609), (454, 5684), (582, 5837), (595, 5876), (638, 5969), (646, 5990), (733, 6137), (775, 6197), (939, 6371), (990, 6449), (1028, 6509), (1045, 6536), (1241, 6791),

Gene: GardenState_2 Start: 501, Stop: 2183, Start Num: 100
Candidate Starts for GardenState_2:
(Start: 100 @501 has 15 MA's), (Start: 184 @555 has 3 MA's), (406, 798), (434, 852), (476, 921), (500, 957), (699, 1317), (1096, 1857), (1256, 2109),

Gene: Gardevoir_3 Start: 1074, Stop: 2534, Start Num: 193
Candidate Starts for Gardevoir_3:
(Start: 193 @1074 has 146 MA's), (Start: 198 @1080 has 6 MA's), (325, 1242), (330, 1251), (377, 1311), (415, 1380), (431, 1401), (455, 1452), (606, 1656), (744, 1869), (753, 1884), (777, 1920), (804,

1962), (832, 1995), (840, 2013), (923, 2133), (925, 2136), (936, 2148), (990, 2223), (1031, 2286), (1044, 2304), (1045, 2307), (1186, 2469), (1199, 2478), (1205, 2487), (1232, 2526),

Gene: Gattaca_34 Start: 10300, Stop: 12042, Start Num: 176
Candidate Starts for Gattaca_34:
(Start: 176 @10300 has 83 MA's), (292, 10417), (325, 10462), (354, 10528), (358, 10543), (379, 10576), (380, 10579), (388, 10594), (407, 10618), (409, 10621), (426, 10651), (436, 10672), (443, 10690), (447, 10699), (463, 10735), (476, 10750), (507, 10795), (543, 10837), (565, 10876), (572, 10888), (582, 10909), (604, 10960), (621, 10981), (747, 11203), (814, 11308), (821, 11317), (871, 11350), (890, 11371), (892, 11374), (908, 11401), (915, 11431), (920, 11443), (930, 11458), (939, 11467), (943, 11473), (971, 11515), (983, 11524), (990, 11539), (995, 11554), (1038, 11614), (1061, 11653), (1089, 11686), (1112, 11716), (1115, 11719), (1163, 11803), (1196, 11857), (1205, 11872), (1224, 11899), (1251, 11953), (1309, 12025), (1311, 12028),

Gene: GaugeLDP_14 Start: 8787, Stop: 10547, Start Num: 103
Candidate Starts for GaugeLDP_14:
(Start: 103 @8787 has 278 MA's), (Start: 206 @8895 has 29 MA's), (226, 8916), (276, 9006), (288, 9024), (473, 9306), (476, 9309), (503, 9348), (558, 9417), (593, 9507), (603, 9531), (646, 9630), (671, 9660), (673, 9663), (864, 9948), (915, 10023), (920, 10035), (928, 10047), (992, 10122), (1015, 10152), (1026, 10170), (1086, 10254), (1096, 10266), (1144, 10335), (1269, 10503), (1290, 10530), (1292, 10533),

Gene: Gavriela_2 Start: 400, Stop: 2076, Start Num: 134
Candidate Starts for Gavriela_2:
(Start: 134 @400 has 105 MA's), (313, 616), (338, 655), (360, 712), (362, 718), (373, 736), (397, 781), (404, 793), (409, 802), (414, 808), (451, 865), (459, 886), (467, 898), (541, 988), (636, 1177), (702, 1273), (720, 1303), (736, 1324), (828, 1465), (837, 1477), (873, 1522), (984, 1675), (989, 1684), (1000, 1711), (1031, 1753), (1044, 1771), (1118, 1855), (1130, 1870), (1269, 2059),

Gene: Geeche_29 Start: 8502, Stop: 10250, Start Num: 127
Candidate Starts for Geeche_29:
(Start: 127 @8502 has 26 MA's), (153, 8532), (280, 8661), (419, 8847), (433, 8886), (447, 8910), (478, 8958), (496, 8985), (511, 9015), (619, 9207), (627, 9225), (704, 9387), (756, 9435), (766, 9450), (901, 9633), (905, 9639), (957, 9723), (991, 9810), (1016, 9843), (1084, 9957), (1115, 9993), (1134, 10017), (1159, 10032), (1273, 10206), (1278, 10212),

Gene: GemG_2 Start: 318, Stop: 1889, Start Num: 134
Candidate Starts for GemG_2:
(Start: 134 @318 has 105 MA's), (251, 426), (281, 474), (313, 504), (332, 537), (397, 621), (402, 630), (431, 666), (461, 726), (550, 816), (596, 912), (607, 936), (630, 978), (654, 1032), (679, 1071), (736, 1137), (741, 1149), (760, 1179), (783, 1212), (837, 1293), (873, 1338), (876, 1344), (895, 1365), (950, 1455), (986, 1500), (989, 1506), (1003, 1536), (1005, 1539), (1044, 1593), (1078, 1629), (1120, 1680), (1162, 1740), (1164, 1743), (1200, 1785), (1266, 1872),

Gene: Gemini_10 Start: 2509, Stop: 4179, Start Num: 301
Candidate Starts for Gemini_10:
(Start: 301 @2509 has 48 MA's), (344, 2572), (479, 2806), (548, 2908), (632, 3088), (641, 3112), (650, 3130), (663, 3142), (694, 3205), (698, 3217), (725, 3262), (734, 3277), (784, 3355), (811, 3400), (845, 3454), (851, 3460), (917, 3574), (946, 3622), (994, 3718), (1007, 3739), (1019, 3754), (1118, 3907), (1129, 3919), (1175, 3976), (1205, 4012), (1235, 4063), (1251, 4099), (1253, 4102), (1294, 4168),

Gene: Gemma_13 Start: 7029, Stop: 8729, Start Num: 104
Candidate Starts for Gemma_13:

(Start: 104 @7029 has 125 MA's), (151, 7077), (Start: 224 @7149 has 17 MA's), (292, 7212), (476, 7491), (593, 7689), (634, 7779), (671, 7842), (760, 8004), (915, 8202), (928, 8226), (930, 8229), (988, 8292), (992, 8304), (995, 8313), (1007, 8331), (1026, 8352), (1096, 8448), (1134, 8502), (1182, 8538), (1269, 8685), (1292, 8715), (1294, 8718),

Gene: GenevaB15_18 Start: 5321, Stop: 6862, Start Num: 181
Candidate Starts for GenevaB15_18:
(Start: 181 @5321 has 21 MA's), (Start: 184 @5324 has 3 MA's), (323, 5507), (332, 5525), (371, 5558), (377, 5567), (454, 5705), (582, 5858), (595, 5897), (638, 5990), (646, 6011), (733, 6158), (775, 6218), (918, 6365), (939, 6392), (990, 6470), (1028, 6530), (1045, 6557), (1241, 6812),

Gene: George_8 Start: 6161, Stop: 7939, Start Num: 53
Candidate Starts for George_8:
(Start: 53 @6161 has 20 MA's), (Start: 63 @6188 has 32 MA's), (114, 6257), (228, 6371), (Start: 231 @6377 has 26 MA's), (350, 6509), (406, 6584), (407, 6587), (426, 6620), (445, 6653), (521, 6761), (536, 6785), (558, 6818), (593, 6893), (613, 6938), (643, 7016), (646, 7022), (763, 7220), (778, 7241), (915, 7415), (928, 7439), (930, 7442), (988, 7502), (992, 7514), (1007, 7541), (1026, 7562), (1086, 7646), (1096, 7658), (1269, 7895), (1294, 7928), (1299, 7934),

Gene: Georgie2_13 Start: 7387, Stop: 9174, Start Num: 103
Candidate Starts for Georgie2_13:
(Start: 103 @7387 has 278 MA's), (Start: 206 @7495 has 29 MA's), (226, 7516), (288, 7624), (406, 7786), (473, 7906), (476, 7909), (558, 8017), (593, 8107), (603, 8131), (663, 8248), (673, 8263), (857, 8563), (992, 8749), (1007, 8776), (1026, 8797), (1096, 8893), (1269, 9130), (1290, 9157), (1292, 9160),

Gene: Geralt_2 Start: 571, Stop: 2208, Start Num: 126
Candidate Starts for Geralt_2:
(Start: 126 @571 has 206 MA's), (133, 580), (Start: 147 @595 has 3 MA's), (Start: 217 @652 has 209 MA's), (Start: 219 @655 has 2 MA's), (271, 718), (310, 757), (372, 844), (419, 904), (433, 916), (442, 928), (445, 937), (447, 940), (454, 961), (467, 982), (519, 1054), (543, 1093), (580, 1162), (584, 1168), (597, 1198), (598, 1201), (603, 1210), (612, 1225), (621, 1243), (638, 1294), (689, 1387), (695, 1396), (845, 1567), (859, 1579), (915, 1663), (934, 1693), (937, 1696), (940, 1699), (988, 1756), (993, 1771), (995, 1777), (996, 1780), (1007, 1795), (1020, 1804), (1062, 1873), (1082, 1903), (1084, 1912), (1112, 1945), (1140, 1978), (1176, 2005), (1202, 2038), (1222, 2068), (1235, 2089), (1246, 2113), (1251, 2122), (1253, 2125), (1284, 2182),

Gene: GermyBearimy_9 Start: 3739, Stop: 5487, Start Num: 217
Candidate Starts for GermyBearimy_9:
(Start: 214 @3736 has 4 MA's), (Start: 217 @3739 has 209 MA's), (287, 3838), (323, 3889), (458, 4135), (485, 4171), (504, 4213), (523, 4231), (525, 4234), (574, 4327), (604, 4405), (607, 4411), (637, 4489), (647, 4519), (653, 4531), (680, 4591), (696, 4627), (713, 4666), (728, 4690), (791, 4795), (804, 4819), (868, 4903), (949, 5017), (970, 5041), (1000, 5104), (1003, 5107), (1125, 5278), (1146, 5311), (1182, 5335), (1196, 5347), (1226, 5395), (1242, 5428), (1244, 5437), (1246, 5440),

Gene: Gerri43_4 Start: 1251, Stop: 2789, Start Num: 215
Candidate Starts for Gerri43_4:
(Start: 215 @1251 has 6 MA's), (249, 1296), (381, 1455), (417, 1518), (467, 1605), (599, 1845), (605, 1857), (631, 1914), (710, 2073), (767, 2160), (871, 2292), (991, 2460), (1104, 2592),

Gene: Gex_2 Start: 504, Stop: 2036, Start Num: 234
Candidate Starts for Gex_2:

(Start: 231 @501 has 26 MA's), (Start: 234 @504 has 29 MA's), (243, 516), (Start: 245 @519 has 1 MA's), (282, 576), (Start: 297 @594 has 2 MA's), (309, 606), (368, 678), (380, 696), (390, 714), (400, 735), (443, 798), (459, 837), (487, 870), (508, 918), (573, 1002), (584, 1017), (601, 1068), (605, 1077), (623, 1101), (636, 1140), (637, 1143), (641, 1155), (713, 1281), (728, 1305), (769, 1368), (830, 1452), (886, 1524), (902, 1548), (925, 1590), (930, 1599), (977, 1656), (995, 1695), (1033, 1752), (1041, 1758), (1047, 1761), (1079, 1782), (1109, 1830), (1134, 1866), (1207, 1947), (1210, 1953),

Gene: Ghobes_1 Start: 60, Stop: 1760, Start Num: 58
Candidate Starts for Ghobes_1:
(45, 21), (Start: 58 @60 has 4 MA's), (284, 345), (Start: 324 @399 has 4 MA's), (377, 459), (442, 564), (452, 588), (485, 642), (582, 750), (609, 825), (623, 840), (635, 876), (646, 906), (734, 966), (834, 1107), (920, 1248), (923, 1251), (925, 1254), (927, 1257), (947, 1278), (963, 1293), (1039, 1425), (1093, 1479), (1111, 1503), (1260, 1695),

Gene: Ghoulboy_9 Start: 6238, Stop: 8016, Start Num: 53
Candidate Starts for Ghoulboy_9:
(Start: 53 @6238 has 20 MA's), (Start: 63 @6265 has 32 MA's), (114, 6334), (Start: 154 @6373 has 1 MA's), (228, 6448), (Start: 231 @6454 has 26 MA's), (350, 6586), (406, 6661), (407, 6664), (445, 6730), (521, 6838), (536, 6862), (593, 6970), (613, 7015), (643, 7093), (646, 7099), (647, 7102), (743, 7264), (747, 7270), (763, 7297), (915, 7492), (928, 7516), (988, 7579), (992, 7591), (1007, 7618), (1026, 7639), (1061, 7693), (1086, 7723), (1096, 7735), (1269, 7972), (1294, 8005), (1299, 8011),

Gene: GiKK_7 Start: 1487, Stop: 3187, Start Num: 173
Candidate Starts for GiKK_7:
(Start: 173 @1487 has 9 MA's), (Start: 224 @1541 has 17 MA's), (237, 1562), (Start: 255 @1589 has 1 MA's), (333, 1664), (350, 1700), (407, 1778), (445, 1853), (454, 1877), (476, 1907), (507, 1958), (572, 2057), (619, 2147), (654, 2237), (687, 2291), (729, 2366), (798, 2480), (814, 2504), (887, 2564), (890, 2570), (917, 2636), (920, 2642), (988, 2726), (995, 2747), (1038, 2807), (1042, 2813), (1064, 2846), (1179, 2969), (1198, 2990), (1249, 3080), (1251, 3083), (1269, 3113), (1311, 3173), (1313, 3176),

Gene: Giantsbane_7 Start: 3534, Stop: 5273, Start Num: 217
Candidate Starts for Giantsbane_7:
(Start: 211 @3528 has 88 MA's), (Start: 217 @3534 has 209 MA's), (287, 3633), (353, 3753), (426, 3852), (458, 3924), (504, 4002), (525, 4023), (580, 4125), (604, 4194), (616, 4218), (619, 4227), (680, 4380), (713, 4455), (728, 4479), (791, 4584), (804, 4608), (868, 4689), (949, 4803), (967, 4821), (970, 4827), (991, 4869), (1000, 4890), (1003, 4893), (1131, 5073), (1146, 5097), (1182, 5121), (1196, 5133), (1207, 5151), (1244, 5223), (1246, 5226),

Gene: GigiOuiOui_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for GigiOuiOui_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Gilberta_12 Start: 8021, Stop: 9784, Start Num: 103
Candidate Starts for Gilberta_12:

(Start: 103 @8021 has 278 MA's), (Start: 123 @8042 has 9 MA's), (Start: 206 @8129 has 29 MA's), (288, 8258), (309, 8282), (350, 8345), (445, 8489), (473, 8540), (476, 8543), (558, 8654), (569, 8678), (571, 8681), (593, 8744), (596, 8753), (603, 8768), (663, 8885), (673, 8900), (701, 8960), (751, 9044), (920, 9272), (928, 9284), (980, 9332), (988, 9347), (1007, 9386), (1026, 9407), (1049, 9446), (1086, 9491), (1096, 9503), (1269, 9740), (1290, 9767),

Gene: Giles_5 Start: 1855, Stop: 3489, Start Num: 84
Candidate Starts for Giles_5:
(Start: 84 @1855 has 21 MA's), (Start: 128 @1894 has 3 MA's), (199, 1942), (332, 2113), (373, 2152), (487, 2332), (494, 2341), (499, 2350), (550, 2413), (555, 2419), (594, 2503), (595, 2506), (596, 2509), (642, 2605), (643, 2608), (647, 2617), (690, 2683), (720, 2713), (738, 2740), (758, 2773), (772, 2794), (774, 2797), (837, 2893), (855, 2914), (914, 3004), (950, 3046), (965, 3064), (968, 3070), (1005, 3133), (1009, 3139), (1017, 3142), (1044, 3187), (1047, 3193), (1069, 3220), (1087, 3235), (1130, 3286), (1135, 3295), (1145, 3310), (1148, 3313), (1176, 3352), (1188, 3367), (1200, 3382), (1202, 3385), (1263, 3463), (1267, 3469),

Gene: Gill_13 Start: 7213, Stop: 8958, Start Num: 217
Candidate Starts for Gill_13:
(Start: 217 @7213 has 209 MA's), (222, 7219), (280, 7306), (287, 7312), (315, 7348), (343, 7402), (504, 7687), (523, 7705), (525, 7708), (561, 7777), (604, 7879), (621, 7915), (628, 7936), (636, 7960), (660, 8017), (680, 8065), (709, 8131), (728, 8164), (731, 8170), (748, 8200), (761, 8221), (804, 8293), (949, 8488), (991, 8554), (1000, 8575), (1003, 8578), (1043, 8638), (1125, 8749), (1161, 8785), (1182, 8806), (1196, 8818), (1244, 8908), (1246, 8911),

Gene: Gillker_3 Start: 1074, Stop: 2534, Start Num: 193
Candidate Starts for Gillker_3:
(Start: 193 @1074 has 146 MA's), (Start: 198 @1080 has 6 MA's), (325, 1242), (330, 1251), (377, 1311), (415, 1380), (431, 1401), (455, 1452), (606, 1656), (744, 1869), (753, 1884), (777, 1920), (804, 1962), (832, 1995), (840, 2013), (923, 2133), (925, 2136), (936, 2148), (990, 2223), (1031, 2286), (1044, 2304), (1045, 2307), (1186, 2469), (1199, 2478), (1205, 2487), (1232, 2526),

Gene: GingkoMaracino_13 Start: 6843, Stop: 8543, Start Num: 104
Candidate Starts for GingkoMaracino_13:
(Start: 104 @6843 has 125 MA's), (151, 6891), (Start: 224 @6963 has 17 MA's), (292, 7026), (426, 7218), (476, 7305), (593, 7503), (634, 7593), (671, 7656), (760, 7818), (915, 8016), (928, 8040), (930, 8043), (988, 8106), (995, 8127), (1026, 8166), (1096, 8262), (1134, 8316), (1182, 8352), (1269, 8499), (1292, 8529), (1294, 8532),

Gene: Giorgio_2 Start: 595, Stop: 2283, Start Num: 122
Candidate Starts for Giorgio_2:
(Start: 122 @595 has 16 MA's), (434, 940), (450, 964), (476, 1009), (541, 1096), (572, 1150), (591, 1189), (646, 1324), (705, 1426), (887, 1648), (915, 1699), (1064, 1918), (1096, 1954), (1106, 1969), (1251, 2194), (1256, 2206), (1265, 2221), (1300, 2272),

Gene: GirlDinner_6 Start: 2186, Stop: 3832, Start Num: 75
Candidate Starts for GirlDinner_6:
(Start: 75 @2186 has 95 MA's), (343, 2429), (350, 2444), (363, 2456), (443, 2582), (462, 2624), (465, 2630), (480, 2645), (543, 2732), (582, 2804), (593, 2828), (638, 2927), (654, 2963), (673, 2981), (766, 3104), (786, 3140), (920, 3302), (927, 3311), (980, 3374), (1007, 3428), (1064, 3509), (1096, 3548), (1112, 3569), (1130, 3593), (1249, 3746), (1251, 3749),

Gene: GirlPower_7 Start: 3715, Stop: 5460, Start Num: 217
Candidate Starts for GirlPower_7:

(Start: 217 @3715 has 209 MA's), (252, 3769), (Start: 255 @3772 has 1 MA's), (280, 3808), (287, 3814), (430, 4048), (438, 4063), (504, 4189), (525, 4210), (547, 4252), (556, 4264), (596, 4363), (604, 4381), (628, 4438), (657, 4513), (713, 4642), (728, 4666), (731, 4672), (804, 4795), (832, 4834), (859, 4864), (940, 4981), (944, 4987), (967, 5008), (990, 5053), (1000, 5077), (1003, 5080), (1038, 5131), (1131, 5260), (1146, 5284), (1182, 5308), (1196, 5320), (1207, 5338), (1226, 5368), (1244, 5410), (1246, 5413),

Gene: Giroux_12 Start: 6496, Stop: 8193, Start Num: 102
Candidate Starts for Giroux_12:
(Start: 102 @6496 has 391 MA's), (Start: 126 @6520 has 206 MA's), (174, 6568), (363, 6766), (406, 6829), (465, 6940), (476, 6952), (503, 6991), (518, 7003), (558, 7060), (569, 7084), (593, 7150), (596, 7159), (634, 7240), (643, 7267), (720, 7405), (778, 7492), (798, 7525), (864, 7591), (915, 7666), (928, 7690), (930, 7693), (936, 7699), (943, 7708), (980, 7741), (988, 7756), (1026, 7816), (1096, 7912), (1130, 7957), (1134, 7966), (1253, 8119), (1269, 8149), (1292, 8179), (1294, 8182),

Gene: Girr_2 Start: 573, Stop: 2210, Start Num: 126
Candidate Starts for Girr_2:
(Start: 126 @573 has 206 MA's), (133, 582), (Start: 147 @597 has 3 MA's), (Start: 176 @618 has 83 MA's), (Start: 217 @654 has 209 MA's), (Start: 219 @657 has 2 MA's), (Start: 231 @675 has 26 MA's), (271, 720), (310, 759), (372, 846), (419, 906), (442, 930), (445, 939), (447, 942), (454, 963), (467, 984), (482, 999), (519, 1056), (543, 1095), (580, 1164), (584, 1170), (597, 1200), (598, 1203), (603, 1212), (612, 1227), (621, 1245), (638, 1296), (689, 1389), (695, 1398), (845, 1569), (859, 1581), (915, 1665), (934, 1695), (937, 1698), (940, 1701), (988, 1758), (993, 1773), (995, 1779), (996, 1782), (1007, 1797), (1020, 1806), (1062, 1875), (1082, 1905), (1084, 1914), (1112, 1947), (1140, 1980), (1176, 2007), (1202, 2040), (1222, 2070), (1235, 2091), (1246, 2115), (1251, 2124), (1253, 2127), (1284, 2184),

Gene: Gisselle_2 Start: 426, Stop: 1991, Start Num: 155
Candidate Starts for Gisselle_2:
(Start: 155 @426 has 82 MA's), (253, 549), (374, 690), (379, 696), (401, 741), (409, 756), (414, 762), (430, 780), (584, 1011), (586, 1017), (607, 1077), (740, 1236), (759, 1266), (768, 1281), (832, 1380), (880, 1440), (883, 1449), (923, 1524), (953, 1557), (963, 1566), (977, 1593), (1020, 1647), (1044, 1689), (1126, 1755), (1222, 1857), (1308, 1977),

Gene: Gizermo_2 Start: 318, Stop: 1889, Start Num: 134
Candidate Starts for Gizermo_2:
(Start: 134 @318 has 105 MA's), (251, 426), (281, 474), (313, 504), (332, 537), (397, 621), (402, 630), (431, 666), (461, 726), (550, 816), (596, 912), (607, 936), (630, 978), (654, 1032), (679, 1071), (736, 1137), (741, 1149), (760, 1179), (783, 1212), (837, 1293), (873, 1338), (876, 1344), (895, 1365), (950, 1455), (986, 1500), (989, 1506), (1003, 1536), (1005, 1539), (1044, 1593), (1078, 1629), (1120, 1680), (1162, 1740), (1164, 1743), (1200, 1785), (1266, 1872),

Gene: Gladiator_15 Start: 7507, Stop: 9261, Start Num: 103
Candidate Starts for Gladiator_15:
(Start: 103 @7507 has 278 MA's), (Start: 231 @7639 has 26 MA's), (288, 7738), (309, 7762), (325, 7789), (350, 7825), (406, 7900), (476, 8023), (489, 8038), (503, 8062), (558, 8131), (569, 8155), (571, 8158), (593, 8221), (603, 8245), (671, 8374), (673, 8377), (729, 8488), (855, 8650), (915, 8737), (920, 8749), (928, 8761), (980, 8809), (988, 8824), (1026, 8884), (1086, 8968), (1096, 8980), (1269, 9217), (1290, 9244), (1292, 9247),

Gene: Glaske_2 Start: 400, Stop: 2076, Start Num: 134
Candidate Starts for Glaske_2:
(Start: 134 @400 has 105 MA's), (313, 616), (338, 655), (360, 712), (362, 718), (373, 736), (397, 781), (404, 793), (409, 802), (414, 808), (451, 865), (459, 886), (467, 898), (541, 988), (636, 1177), (702,

1273), (720, 1303), (736, 1324), (828, 1465), (837, 1477), (873, 1522), (984, 1675), (989, 1684), (1000, 1711), (1031, 1753), (1044, 1771), (1118, 1855), (1130, 1870), (1269, 2059),

Gene: Glaske16_15 Start: 4718, Stop: 6262, Start Num: 181
Candidate Starts for Glaske16_15:
(Start: 181 @4718 has 21 MA's), (223, 4766), (377, 4967), (454, 5105), (595, 5297), (700, 5507), (733, 5558), (782, 5630), (873, 5693), (893, 5717), (902, 5732), (939, 5792), (953, 5804), (988, 5864), (1003, 5897), (1028, 5930), (1045, 5957), (1090, 6005), (1228, 6191), (1241, 6212),

Gene: Glenn_5 Start: 3133, Stop: 4698, Start Num: 155
Candidate Starts for Glenn_5:
(Start: 155 @3133 has 82 MA's), (Start: 324 @3343 has 4 MA's), (325, 3346), (374, 3397), (409, 3463), (430, 3487), (573, 3703), (582, 3715), (584, 3718), (586, 3724), (607, 3784), (636, 3844), (640, 3856), (740, 3943), (759, 3973), (768, 3988), (815, 4069), (880, 4147), (883, 4156), (905, 4192), (923, 4231), (953, 4264), (963, 4273), (977, 4300), (1020, 4354), (1044, 4396), (1111, 4441), (1126, 4462), (1141, 4486), (1222, 4564), (1308, 4684),

Gene: Glintora_16 Start: 10477, Stop: 12222, Start Num: 217
Candidate Starts for Glintora_16:
(Start: 217 @10477 has 209 MA's), (222, 10483), (280, 10570), (287, 10576), (315, 10612), (343, 10666), (345, 10672), (402, 10768), (446, 10843), (504, 10951), (525, 10972), (561, 11041), (604, 11143), (628, 11200), (647, 11257), (653, 11269), (680, 11329), (728, 11428), (731, 11434), (765, 11491), (804, 11557), (940, 11743), (949, 11752), (982, 11794), (991, 11818), (1000, 11839), (1003, 11842), (1179, 12067), (1182, 12070), (1196, 12082), (1244, 12172), (1246, 12175),

Gene: GlobiWarming_2 Start: 625, Stop: 2373, Start Num: 236
Candidate Starts for GlobiWarming_2:
(189, 574), (213, 601), (Start: 236 @625 has 15 MA's), (295, 718), (382, 859), (385, 865), (403, 898), (405, 901), (419, 919), (439, 961), (482, 1039), (498, 1063), (510, 1075), (536, 1114), (548, 1135), (567, 1168), (590, 1222), (603, 1255), (605, 1261), (664, 1363), (691, 1420), (697, 1435), (723, 1474), (784, 1570), (907, 1747), (913, 1762), (924, 1786), (1026, 1969), (1041, 1996), (1056, 2020), (1064, 2038), (1088, 2068), (1129, 2125), (1150, 2152), (1177, 2176), (1185, 2185), (1226, 2236), (1251, 2290),

Gene: Glotell_2 Start: 370, Stop: 1992, Start Num: 182
Candidate Starts for Glotell_2:
(Start: 164 @349 has 12 MA's), (Start: 182 @370 has 18 MA's), (374, 601), (377, 604), (381, 613), (400, 649), (409, 667), (455, 745), (554, 850), (607, 964), (625, 988), (636, 1024), (643, 1045), (651, 1060), (682, 1120), (744, 1204), (896, 1420), (905, 1432), (916, 1459), (949, 1498), (953, 1504), (980, 1543), (1000, 1570), (1014, 1582), (1030, 1615), (1038, 1627), (1063, 1660), (1203, 1831), (1246, 1900), (1249, 1906), (1259, 1927), (1271, 1948), (1304, 1978), (1306, 1981), (1308, 1984),

Gene: GoCrazy_7 Start: 3847, Stop: 5601, Start Num: 217
Candidate Starts for GoCrazy_7:
(172, 3793), (Start: 211 @3841 has 88 MA's), (Start: 217 @3847 has 209 MA's), (280, 3940), (287, 3946), (402, 4138), (446, 4213), (458, 4243), (482, 4273), (504, 4321), (525, 4342), (604, 4513), (680, 4699), (728, 4798), (770, 4870), (804, 4927), (859, 5005), (868, 5017), (949, 5131), (967, 5149), (990, 5194), (1000, 5218), (1003, 5221), (1030, 5260), (1131, 5401), (1179, 5446), (1182, 5449), (1196, 5461), (1226, 5509), (1242, 5542), (1244, 5551), (1246, 5554),

Gene: GoblinVoyage_7 Start: 2654, Stop: 4399, Start Num: 217
Candidate Starts for GoblinVoyage_7:

(Start: 217 @2654 has 209 MA's), (222, 2660), (252, 2708), (280, 2747), (287, 2753), (458, 3050), (504, 3128), (523, 3146), (525, 3149), (561, 3218), (580, 3251), (604, 3320), (639, 3413), (680, 3506), (731, 3611), (804, 3734), (859, 3806), (967, 3947), (1000, 4016), (1003, 4019), (1101, 4157), (1161, 4226), (1182, 4247), (1184, 4250), (1196, 4259), (1207, 4277), (1226, 4307), (1244, 4349), (1246, 4352),

Gene: Goby_6 Start: 2377, Stop: 4023, Start Num: 75
Candidate Starts for Goby_6:
(Start: 75 @2377 has 95 MA's), (Start: 92 @2395 has 10 MA's), (325, 2599), (350, 2635), (462, 2815), (480, 2836), (543, 2923), (582, 2995), (593, 3019), (638, 3118), (643, 3133), (663, 3157), (665, 3163), (786, 3331), (841, 3391), (915, 3481), (927, 3502), (992, 3592), (1026, 3640), (1096, 3739), (1112, 3760), (1116, 3766), (1130, 3784), (1251, 3940),

Gene: Godfather_3 Start: 1086, Stop: 2546, Start Num: 193
Candidate Starts for Godfather_3:
(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (744, 1881), (753, 1896), (777, 1932), (804, 1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: Godpower_7 Start: 2380, Stop: 4026, Start Num: 75
Candidate Starts for Godpower_7:
(Start: 75 @2380 has 95 MA's), (Start: 92 @2398 has 10 MA's), (325, 2602), (350, 2638), (462, 2818), (480, 2839), (543, 2926), (582, 2998), (593, 3022), (638, 3121), (643, 3136), (663, 3160), (665, 3166), (786, 3334), (915, 3484), (927, 3505), (992, 3595), (1064, 3703), (1096, 3742), (1112, 3763), (1116, 3769), (1130, 3787), (1251, 3943),

Gene: Goib_8 Start: 3467, Stop: 5074, Start Num: 191
Candidate Starts for Goib_8:
(Start: 119 @3389 has 3 MA's), (Start: 191 @3467 has 6 MA's), (379, 3695), (430, 3779), (443, 3800), (452, 3821), (554, 3959), (586, 4013), (626, 4100), (627, 4103), (636, 4133), (744, 4238), (803, 4340), (883, 4463), (930, 4550), (950, 4565), (963, 4580), (1002, 4643), (1050, 4712), (1080, 4754), (1096, 4778), (1132, 4829), (1133, 4832), (1169, 4865), (1222, 4931), (1251, 4982), (1310, 5060), (1316, 5066),

Gene: GoldHunter_4 Start: 1113, Stop: 2792, Start Num: 176
Candidate Starts for GoldHunter_4:
(Start: 176 @1113 has 83 MA's), (Start: 224 @1164 has 17 MA's), (237, 1185), (Start: 239 @1188 has 2 MA's), (295, 1230), (350, 1311), (394, 1377), (406, 1386), (443, 1458), (450, 1473), (468, 1509), (476, 1518), (507, 1569), (572, 1668), (596, 1722), (619, 1758), (687, 1902), (706, 1938), (729, 1977), (747, 2010), (778, 2058), (798, 2091), (814, 2115), (863, 2148), (890, 2181), (913, 2238), (917, 2247), (984, 2331), (1038, 2418), (1112, 2514), (1185, 2586), (1196, 2598), (1265, 2718), (1311, 2778), (1313, 2781),

Gene: GoldenBlanche_3 Start: 1074, Stop: 2534, Start Num: 193
Candidate Starts for GoldenBlanche_3:
(Start: 193 @1074 has 146 MA's), (Start: 198 @1080 has 6 MA's), (325, 1242), (330, 1251), (377, 1311), (415, 1380), (431, 1401), (455, 1452), (606, 1656), (744, 1869), (753, 1884), (777, 1920), (804, 1962), (832, 1995), (840, 2013), (923, 2133), (925, 2136), (936, 2148), (990, 2223), (1031, 2286), (1044, 2304), (1045, 2307), (1186, 2469), (1199, 2478), (1205, 2487), (1232, 2526),

Gene: GoldenSpark_10 Start: 2509, Stop: 4179, Start Num: 301
Candidate Starts for GoldenSpark_10:

(Start: 301 @2509 has 48 MA's), (344, 2572), (479, 2806), (548, 2908), (632, 3088), (641, 3112), (650, 3130), (663, 3142), (694, 3205), (698, 3217), (725, 3262), (734, 3277), (784, 3355), (811, 3400), (845, 3454), (851, 3460), (917, 3574), (946, 3622), (994, 3718), (1019, 3754), (1118, 3907), (1129, 3919), (1175, 3976), (1205, 4012), (1235, 4063), (1251, 4099), (1253, 4102), (1294, 4168),

Gene: Goldilocks_10 Start: 2509, Stop: 4179, Start Num: 301
Candidate Starts for Goldilocks_10:
(Start: 301 @2509 has 48 MA's), (344, 2572), (479, 2806), (548, 2908), (632, 3088), (641, 3112), (650, 3130), (663, 3142), (694, 3205), (698, 3217), (725, 3262), (734, 3277), (784, 3355), (811, 3400), (845, 3454), (851, 3460), (917, 3574), (946, 3622), (994, 3718), (1007, 3739), (1019, 3754), (1118, 3907), (1129, 3919), (1175, 3976), (1205, 4012), (1235, 4063), (1251, 4099), (1253, 4102), (1294, 4168),

Gene: Gollum_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Gollum_8:
(Start: 104 @3156 has 125 MA's), (Start: 302 @3342 has 3 MA's), (350, 3414), (363, 3426), (379, 3450), (383, 3462), (476, 3615), (489, 3630), (536, 3690), (593, 3798), (621, 3855), (718, 4053), (729, 4071), (763, 4125), (892, 4269), (915, 4311), (936, 4344), (992, 4413), (1096, 4557), (1130, 4602), (1196, 4662), (1251, 4761), (1269, 4794), (1290, 4821), (1292, 4824), (1294, 4827),

Gene: Gompeii16_11 Start: 7207, Stop: 8895, Start Num: 102
Candidate Starts for Gompeii16_11:
(Start: 102 @7207 has 391 MA's), (363, 7471), (379, 7495), (476, 7657), (500, 7690), (558, 7765), (593, 7855), (603, 7879), (621, 7906), (637, 7954), (720, 8110), (760, 8170), (930, 8395), (939, 8404), (952, 8416), (988, 8458), (995, 8479), (1020, 8506), (1096, 8614), (1182, 8704), (1246, 8809),

Gene: Gonephishing_10 Start: 4236, Stop: 5768, Start Num: 232
Candidate Starts for Gonephishing_10:
(159, 4152), (Start: 196 @4194 has 1 MA's), (207, 4203), (Start: 232 @4236 has 12 MA's), (323, 4350), (360, 4413), (380, 4446), (381, 4449), (401, 4488), (404, 4494), (452, 4569), (476, 4605), (550, 4680), (552, 4683), (573, 4719), (588, 4752), (713, 5001), (767, 5064), (783, 5091), (900, 5250), (918, 5286), (952, 5316), (962, 5325), (990, 5379), (1000, 5403), (1186, 5637), (1202, 5649),

Gene: GooberAzure_10 Start: 2509, Stop: 4179, Start Num: 301
Candidate Starts for GooberAzure_10:
(Start: 301 @2509 has 48 MA's), (344, 2572), (479, 2806), (548, 2908), (632, 3088), (641, 3112), (650, 3130), (663, 3142), (694, 3205), (698, 3217), (725, 3262), (734, 3277), (784, 3355), (811, 3400), (845, 3454), (851, 3460), (917, 3574), (946, 3622), (994, 3718), (1019, 3754), (1118, 3907), (1129, 3919), (1175, 3976), (1205, 4012), (1235, 4063), (1251, 4099), (1253, 4102), (1294, 4168),

Gene: Goobery_3 Start: 1086, Stop: 2546, Start Num: 193
Candidate Starts for Goobery_3:
(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (744, 1881), (753, 1896), (777, 1932), (804, 1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: GoodLuckBabe_6 Start: 1957, Stop: 3657, Start Num: 197
Candidate Starts for GoodLuckBabe_6:
(145, 1900), (Start: 180 @1936 has 11 MA's), (Start: 197 @1957 has 23 MA's), (282, 2080), (Start: 300 @2101 has 12 MA's), (330, 2149), (377, 2194), (400, 2239), (409, 2257), (412, 2260), (414, 2263), (554, 2440), (607, 2554), (636, 2614), (643, 2635), (678, 2701), (768, 2866), (815, 2932), (829, 2947), (914, 3118), (953, 3166), (963, 3175), (986, 3217), (1015, 3250), (1038, 3289), (1096, 3331), (1182, 3421), (1203, 3448), (1205, 3451), (1208, 3457), (1246, 3520), (1292, 3598), (1318, 3646),

Gene: GoongGoong_34 Start: 10340, Stop: 12082, Start Num: 176
Candidate Starts for GoongGoong_34:
(Start: 176 @10340 has 83 MA's), (292, 10457), (325, 10502), (354, 10568), (358, 10583), (379, 10616), (380, 10619), (388, 10634), (407, 10658), (409, 10661), (426, 10691), (436, 10712), (443, 10730), (447, 10739), (463, 10775), (476, 10790), (507, 10835), (543, 10877), (565, 10916), (572, 10928), (582, 10949), (604, 11000), (621, 11021), (747, 11243), (814, 11348), (821, 11357), (871, 11390), (890, 11411), (892, 11414), (908, 11441), (915, 11471), (920, 11483), (930, 11498), (939, 11507), (943, 11513), (971, 11555), (983, 11564), (990, 11579), (995, 11594), (1038, 11654), (1061, 11693), (1089, 11726), (1112, 11756), (1115, 11759), (1163, 11843), (1196, 11897), (1205, 11912), (1224, 11939), (1251, 11993), (1309, 12065), (1311, 12068),

Gene: Goose_11 Start: 6707, Stop: 8380, Start Num: 102
Candidate Starts for Goose_11:
(Start: 102 @6707 has 391 MA's), (Start: 239 @6836 has 2 MA's), (316, 6902), (363, 6968), (390, 7013), (426, 7067), (450, 7109), (476, 7154), (503, 7193), (543, 7241), (558, 7262), (569, 7286), (593, 7337), (646, 7460), (687, 7529), (732, 7607), (769, 7667), (798, 7712), (864, 7778), (913, 7850), (915, 7853), (928, 7877), (988, 7943), (1007, 7982), (1015, 7985), (1026, 8003), (1096, 8099), (1144, 8168), (1269, 8336), (1292, 8366), (1294, 8369),

Gene: Goose1D_11 Start: 5746, Stop: 7443, Start Num: 102
Candidate Starts for Goose1D_11:
(Start: 102 @5746 has 391 MA's), (174, 5818), (363, 6016), (465, 6190), (476, 6202), (503, 6241), (518, 6253), (558, 6310), (569, 6334), (593, 6400), (596, 6409), (634, 6490), (720, 6655), (763, 6721), (778, 6742), (791, 6766), (798, 6775), (864, 6841), (915, 6916), (928, 6940), (930, 6943), (936, 6949), (943, 6958), (988, 7006), (1007, 7045), (1026, 7066), (1096, 7162), (1130, 7207), (1134, 7216), (1253, 7369), (1269, 7399), (1292, 7429), (1294, 7432),

Gene: Goose1X_11 Start: 5818, Stop: 7515, Start Num: 102
Candidate Starts for Goose1X_11:
(Start: 102 @5818 has 391 MA's), (174, 5890), (363, 6088), (465, 6262), (476, 6274), (503, 6313), (518, 6325), (558, 6382), (569, 6406), (593, 6472), (596, 6481), (634, 6562), (720, 6727), (763, 6793), (778, 6814), (791, 6838), (798, 6847), (864, 6913), (915, 6988), (928, 7012), (930, 7015), (936, 7021), (943, 7030), (988, 7078), (1007, 7117), (1026, 7138), (1096, 7234), (1130, 7279), (1134, 7288), (1253, 7441), (1269, 7471), (1292, 7501), (1294, 7504),

Gene: Gordon_7 Start: 4842, Stop: 6581, Start Num: 217
Candidate Starts for Gordon_7:
(Start: 217 @4842 has 209 MA's), (287, 4941), (353, 5061), (426, 5160), (446, 5202), (458, 5232), (482, 5262), (504, 5310), (525, 5331), (580, 5433), (604, 5502), (616, 5526), (647, 5616), (680, 5688), (713, 5763), (728, 5787), (791, 5892), (804, 5916), (868, 5997), (949, 6111), (967, 6129), (970, 6135), (1000, 6198), (1003, 6201), (1136, 6390), (1146, 6405), (1163, 6411), (1182, 6429), (1196, 6441), (1244, 6531), (1246, 6534),

Gene: Gorge_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for Gorge_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 184 @629 has 3 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (310, 758), (372, 845), (419, 905), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (670, 1346), (689, 1388), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1140, 1979), (1176, 2006), (1202, 2039), (1219,

2066), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: Goulash_3 Start: 1074, Stop: 2534, Start Num: 193
Candidate Starts for Goulash_3:
(Start: 193 @1074 has 146 MA's), (Start: 198 @1080 has 6 MA's), (325, 1242), (330, 1251), (377, 1311), (415, 1380), (431, 1401), (455, 1452), (606, 1656), (744, 1869), (753, 1884), (777, 1920), (804, 1962), (832, 1995), (840, 2013), (923, 2133), (925, 2136), (936, 2148), (990, 2223), (1031, 2286), (1044, 2304), (1045, 2307), (1186, 2469), (1199, 2478), (1205, 2487), (1232, 2526),

Gene: Graduation_13 Start: 7769, Stop: 9457, Start Num: 102
Candidate Starts for Graduation_13:
(Start: 102 @7769 has 391 MA's), (363, 8033), (379, 8057), (476, 8219), (500, 8252), (558, 8327), (593, 8417), (603, 8441), (637, 8516), (720, 8672), (727, 8681), (758, 8729), (760, 8732), (930, 8957), (939, 8966), (952, 8978), (988, 9020), (995, 9041), (1020, 9068), (1096, 9176), (1182, 9266), (1246, 9371),

Gene: GramZayde_3 Start: 850, Stop: 2331, Start Num: 300
Candidate Starts for GramZayde_3:
(Start: 164 @685 has 12 MA's), (Start: 300 @850 has 12 MA's), (325, 889), (374, 940), (381, 952), (400, 988), (409, 1006), (554, 1189), (607, 1303), (619, 1315), (636, 1363), (643, 1384), (651, 1399), (682, 1456), (905, 1771), (949, 1837), (962, 1849), (980, 1882), (1014, 1921), (1020, 1933), (1030, 1954), (1063, 1999), (1093, 2029), (1126, 2074), (1157, 2116), (1246, 2239), (1249, 2245), (1259, 2266), (1265, 2278), (1304, 2317), (1306, 2320),

Gene: GrandSlam_6 Start: 1978, Stop: 3408, Start Num: 329
Candidate Starts for GrandSlam_6:
(201, 1810), (Start: 204 @1813 has 1 MA's), (213, 1822), (Start: 329 @1978 has 15 MA's), (343, 1996), (409, 2119), (427, 2137), (448, 2176), (452, 2185), (504, 2269), (585, 2353), (588, 2368), (601, 2401), (634, 2467), (700, 2599), (819, 2788), (866, 2848), (898, 2890), (928, 2941), (989, 3016), (990, 3019), (1003, 3046), (1044, 3106), (1069, 3139), (1083, 3154), (1118, 3190), (1154, 3232), (1178, 3259), (1211, 3295), (1214, 3301), (1241, 3340),

Gene: Gratitude_14 Start: 7926, Stop: 9713, Start Num: 103
Candidate Starts for Gratitude_14:
(23, 7740), (49, 7842), (Start: 103 @7926 has 278 MA's), (Start: 206 @8034 has 29 MA's), (226, 8055), (276, 8145), (288, 8163), (445, 8394), (473, 8445), (476, 8448), (558, 8556), (593, 8646), (603, 8670), (673, 8802), (915, 9189), (1007, 9315), (1026, 9336), (1086, 9420), (1096, 9432), (1269, 9669), (1290, 9696), (1292, 9699), (1294, 9702), (1296, 9705),

Gene: Gravaillia_5 Start: 1594, Stop: 3228, Start Num: 84
Candidate Starts for Gravaillia_5:
(Start: 84 @1594 has 21 MA's), (Start: 128 @1633 has 3 MA's), (199, 1681), (332, 1852), (373, 1891), (487, 2071), (494, 2080), (499, 2089), (550, 2152), (555, 2158), (594, 2242), (595, 2245), (596, 2248), (642, 2344), (643, 2347), (647, 2356), (690, 2422), (720, 2452), (738, 2479), (758, 2512), (772, 2533), (774, 2536), (837, 2632), (855, 2653), (914, 2743), (950, 2785), (965, 2803), (968, 2809), (1005, 2872), (1009, 2878), (1017, 2881), (1044, 2926), (1047, 2932), (1069, 2959), (1087, 2974), (1130, 3025), (1135, 3034), (1145, 3049), (1148, 3052), (1176, 3091), (1188, 3106), (1200, 3121), (1202, 3124), (1263, 3202), (1267, 3208),

Gene: Gravel_4 Start: 958, Stop: 2538, Start Num: 224
Candidate Starts for Gravel_4:
(Start: 164 @892 has 12 MA's), (Start: 224 @958 has 17 MA's), (Start: 300 @1054 has 12 MA's), (306, 1063), (Start: 314 @1072 has 1 MA's), (325, 1093), (355, 1117), (374, 1144), (381, 1156), (401, 1195),

(409, 1210), (430, 1234), (443, 1255), (587, 1456), (607, 1507), (622, 1525), (636, 1567), (643, 1588), (674, 1648), (687, 1678), (698, 1687), (744, 1750), (905, 1978), (923, 2017), (949, 2044), (963, 2059), (980, 2089), (1014, 2128), (1063, 2206), (1093, 2236), (1114, 2263), (1246, 2446), (1249, 2452), (1259, 2473), (1306, 2527),

Gene: Gravy_13 Start: 7213, Stop: 8958, Start Num: 217
Candidate Starts for Gravy_13:
(Start: 217 @7213 has 209 MA's), (222, 7219), (280, 7306), (287, 7312), (315, 7348), (343, 7402), (504, 7687), (523, 7705), (525, 7708), (561, 7777), (604, 7879), (621, 7915), (628, 7936), (636, 7960), (660, 8017), (680, 8065), (709, 8131), (728, 8164), (731, 8170), (748, 8200), (761, 8221), (804, 8293), (949, 8488), (991, 8554), (1000, 8575), (1003, 8578), (1043, 8638), (1125, 8749), (1161, 8785), (1182, 8806), (1196, 8818), (1226, 8866), (1244, 8908), (1246, 8911),

Gene: Graynor_5 Start: 3279, Stop: 4661, Start Num: 306
Candidate Starts for Graynor_5:
(Start: 155 @3093 has 82 MA's), (306, 3279), (325, 3309), (374, 3360), (381, 3372), (396, 3402), (404, 3417), (489, 3552), (554, 3633), (584, 3681), (607, 3747), (632, 3795), (635, 3804), (723, 3879), (740, 3906), (759, 3936), (905, 4155), (953, 4227), (977, 4263), (1044, 4359), (1126, 4425), (1164, 4455), (1169, 4461), (1222, 4527), (1308, 4647),

Gene: Grayscar_3 Start: 1086, Stop: 2546, Start Num: 193
Candidate Starts for Grayscar_3:
(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (744, 1881), (753, 1896), (777, 1932), (804, 1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: GreaseLightnin_2 Start: 413, Stop: 2089, Start Num: 134
Candidate Starts for GreaseLightnin_2:
(Start: 134 @413 has 105 MA's), (313, 629), (338, 668), (360, 725), (362, 731), (373, 749), (397, 794), (404, 806), (409, 815), (414, 821), (451, 878), (459, 899), (467, 911), (541, 1001), (636, 1190), (702, 1286), (720, 1316), (736, 1337), (837, 1490), (984, 1688), (989, 1697), (1000, 1724), (1031, 1766), (1044, 1784), (1118, 1868), (1130, 1883), (1269, 2072),

Gene: GrecoEtereo_12 Start: 7307, Stop: 8995, Start Num: 102
Candidate Starts for GrecoEtereo_12:
(Start: 102 @7307 has 391 MA's), (363, 7571), (379, 7595), (476, 7757), (500, 7790), (558, 7865), (593, 7955), (603, 7979), (621, 8006), (637, 8054), (679, 8123), (720, 8210), (760, 8270), (939, 8504), (988, 8558), (995, 8579), (1020, 8606), (1096, 8714), (1182, 8804), (1246, 8909),

Gene: GreedyLawyer_15 Start: 7533, Stop: 9287, Start Num: 103
Candidate Starts for GreedyLawyer_15:
(Start: 103 @7533 has 278 MA's), (288, 7764), (325, 7815), (350, 7851), (406, 7926), (476, 8049), (503, 8088), (558, 8157), (569, 8181), (571, 8184), (593, 8247), (603, 8271), (646, 8370), (647, 8373), (671, 8400), (673, 8403), (864, 8688), (920, 8775), (928, 8787), (988, 8850), (1007, 8889), (1026, 8910), (1086, 8994), (1096, 9006), (1269, 9243), (1290, 9270), (1292, 9273),

Gene: GreenHearts_5 Start: 3132, Stop: 4697, Start Num: 155
Candidate Starts for GreenHearts_5:
(Start: 155 @3132 has 82 MA's), (Start: 300 @3306 has 12 MA's), (Start: 324 @3342 has 4 MA's), (374, 3396), (380, 3405), (396, 3438), (404, 3453), (409, 3462), (489, 3588), (573, 3702), (582, 3714), (584, 3717), (586, 3723), (607, 3783), (636, 3843), (740, 3942), (759, 3972), (768, 3987), (797, 4035), (883, 4155), (923, 4230), (953, 4263), (977, 4299), (1030, 4374), (1044, 4395), (1093, 4416), (1141,

4485), (1222, 4563), (1244, 4602), (1264, 4632), (1272, 4644), (1308, 4683), (1315, 4692),

Gene: Greenhouse_5 Start: 3101, Stop: 4666, Start Num: 155
Candidate Starts for Greenhouse_5:
(Start: 155 @3101 has 82 MA's), (Start: 300 @3275 has 12 MA's), (Start: 324 @3311 has 4 MA's), (374, 3365), (380, 3374), (396, 3407), (409, 3431), (573, 3671), (584, 3686), (586, 3692), (607, 3752), (636, 3812), (719, 3878), (740, 3911), (759, 3941), (768, 3956), (797, 4004), (883, 4124), (923, 4199), (953, 4232), (1030, 4343), (1044, 4364), (1093, 4385), (1141, 4454), (1222, 4532), (1244, 4571), (1264, 4601), (1272, 4613), (1308, 4652), (1315, 4661),

Gene: Greg_13 Start: 7320, Stop: 9008, Start Num: 108
Candidate Starts for Greg_13:
(Start: 108 @7320 has 24 MA's), (292, 7491), (Start: 302 @7500 has 3 MA's), (363, 7584), (380, 7611), (383, 7620), (476, 7770), (500, 7803), (558, 7878), (593, 7968), (603, 7992), (621, 8019), (637, 8067), (720, 8223), (760, 8283), (939, 8517), (988, 8571), (995, 8592), (1020, 8619), (1096, 8727), (1182, 8817), (1246, 8922),

Gene: Gretchen_2 Start: 640, Stop: 2388, Start Num: 100
Candidate Starts for Gretchen_2:
(Start: 100 @640 has 15 MA's), (Start: 122 @658 has 16 MA's), (434, 1000), (462, 1051), (476, 1069), (538, 1162), (572, 1219), (800, 1642), (915, 1804), (917, 1810), (1038, 1984), (1096, 2059), (1106, 2074), (1172, 2155), (1242, 2278), (1251, 2299), (1256, 2311),

Gene: Grif_13 Start: 7040, Stop: 8740, Start Num: 104
Candidate Starts for Grif_13:
(Start: 104 @7040 has 125 MA's), (151, 7088), (292, 7223), (426, 7415), (476, 7502), (593, 7700), (634, 7790), (671, 7853), (760, 8015), (915, 8213), (928, 8237), (930, 8240), (988, 8303), (995, 8324), (1026, 8363), (1096, 8459), (1134, 8513), (1182, 8549), (1269, 8696), (1292, 8726), (1294, 8729),

Gene: GrimEater_2 Start: 464, Stop: 1984, Start Num: 188
Candidate Starts for GrimEater_2:
(Start: 188 @464 has 4 MA's), (282, 590), (309, 620), (332, 656), (451, 827), (453, 833), (557, 950), (596, 1034), (605, 1055), (623, 1088), (631, 1112), (663, 1184), (812, 1412), (873, 1484), (896, 1514), (989, 1643), (1026, 1700), (1033, 1715), (1120, 1802), (1162, 1856), (1248, 1973),

Gene: Grimmer_3 Start: 1235, Stop: 2872, Start Num: 126
Candidate Starts for Grimmer_3:
(Start: 117 @1232 has 12 MA's), (Start: 126 @1235 has 206 MA's), (Start: 147 @1259 has 3 MA's), (153, 1265), (Start: 176 @1280 has 83 MA's), (Start: 184 @1292 has 3 MA's), (Start: 217 @1316 has 209 MA's), (Start: 219 @1319 has 2 MA's), (271, 1382), (291, 1400), (310, 1421), (372, 1508), (375, 1514), (419, 1568), (433, 1580), (442, 1592), (445, 1601), (447, 1604), (454, 1625), (467, 1646), (519, 1718), (543, 1757), (580, 1826), (584, 1832), (597, 1862), (598, 1865), (603, 1874), (612, 1889), (621, 1907), (638, 1958), (695, 2060), (845, 2231), (859, 2243), (915, 2327), (934, 2357), (937, 2360), (940, 2363), (988, 2420), (993, 2435), (995, 2441), (996, 2444), (1007, 2459), (1020, 2468), (1062, 2537), (1082, 2567), (1130, 2627), (1140, 2642), (1176, 2669), (1202, 2702), (1214, 2723), (1219, 2729), (1222, 2732), (1235, 2753), (1246, 2777), (1251, 2786), (1253, 2789), (1284, 2846),

Gene: Grist_3 Start: 768, Stop: 2396, Start Num: 211
Candidate Starts for Grist_3:
(Start: 211 @768 has 88 MA's), (330, 924), (409, 1032), (443, 1077), (459, 1116), (489, 1158), (554, 1215), (585, 1266), (586, 1269), (607, 1329), (622, 1347), (632, 1377), (642, 1407), (963, 1878), (1030, 1980), (1222, 2229), (1249, 2277), (1261, 2301), (1304, 2346),

Gene: GrootJr_26 Start: 12510, Stop: 14237, Start Num: 124
Candidate Starts for GrootJr_26:
(22, 12276), (52, 12405), (Start: 124 @12510 has 12 MA's), (270, 12660), (317, 12711), (319, 12717), (346, 12756), (361, 12786), (375, 12810), (384, 12828), (398, 12855), (425, 12918), (433, 12936), (597, 13221), (612, 13248), (643, 13332), (695, 13416), (699, 13428), (716, 13461), (798, 13539), (867, 13617), (915, 13689), (937, 13722), (973, 13785), (988, 13812), (996, 13836), (1020, 13860), (1084, 13959), (1121, 14007), (1246, 14145), (1261, 14175), (1297, 14229),

Gene: GroundGoblin_12 Start: 7559, Stop: 9247, Start Num: 102
Candidate Starts for GroundGoblin_12:
(Start: 102 @7559 has 391 MA's), (Start: 302 @7739 has 3 MA's), (363, 7823), (383, 7859), (406, 7886), (476, 8009), (500, 8042), (558, 8117), (593, 8207), (603, 8231), (621, 8258), (637, 8306), (679, 8375), (714, 8450), (720, 8462), (727, 8471), (760, 8522), (930, 8747), (939, 8756), (952, 8768), (988, 8810), (995, 8831), (1020, 8858), (1096, 8966), (1182, 9056), (1246, 9161),

Gene: Groundhog_8 Start: 5670, Stop: 7424, Start Num: 63
Candidate Starts for Groundhog_8:
(Start: 63 @5670 has 32 MA's), (94, 5712), (125, 5751), (Start: 231 @5859 has 26 MA's), (406, 6066), (536, 6267), (593, 6375), (646, 6504), (743, 6669), (763, 6702), (866, 6822), (915, 6897), (995, 7008), (1007, 7026), (1026, 7047), (1061, 7101), (1096, 7143), (1196, 7248), (1251, 7347), (1269, 7380), (1294, 7413), (1299, 7419),

Gene: Groupthink_14 Start: 7029, Stop: 8729, Start Num: 104
Candidate Starts for Groupthink_14:
(Start: 104 @7029 has 125 MA's), (151, 7077), (Start: 224 @7149 has 17 MA's), (292, 7212), (476, 7491), (593, 7689), (634, 7779), (671, 7842), (760, 8004), (915, 8202), (928, 8226), (930, 8229), (988, 8292), (992, 8304), (995, 8313), (1007, 8331), (1026, 8352), (1096, 8448), (1134, 8502), (1182, 8538), (1269, 8685), (1292, 8715), (1294, 8718),

Gene: Grub_13 Start: 6949, Stop: 8649, Start Num: 104
Candidate Starts for Grub_13:
(Start: 104 @6949 has 125 MA's), (151, 6997), (292, 7132), (426, 7324), (476, 7411), (593, 7609), (634, 7699), (671, 7762), (760, 7924), (915, 8122), (928, 8146), (930, 8149), (988, 8212), (995, 8233), (1026, 8272), (1096, 8368), (1134, 8422), (1182, 8458), (1269, 8605), (1292, 8635), (1294, 8638),

Gene: Grum1_13 Start: 6950, Stop: 8650, Start Num: 104
Candidate Starts for Grum1_13:
(Start: 104 @6950 has 125 MA's), (151, 6998), (292, 7133), (426, 7325), (476, 7412), (593, 7610), (634, 7700), (671, 7763), (760, 7925), (915, 8123), (928, 8147), (930, 8150), (988, 8213), (995, 8234), (1026, 8273), (1096, 8369), (1134, 8423), (1182, 8459), (1269, 8606), (1292, 8636), (1294, 8639),

Gene: Gruunaga_15 Start: 7507, Stop: 9261, Start Num: 103
Candidate Starts for Gruunaga_15:
(Start: 103 @7507 has 278 MA's), (Start: 231 @7639 has 26 MA's), (288, 7738), (309, 7762), (325, 7789), (350, 7825), (406, 7900), (476, 8023), (489, 8038), (503, 8062), (558, 8131), (569, 8155), (571, 8158), (593, 8221), (603, 8245), (671, 8374), (673, 8377), (729, 8488), (855, 8650), (915, 8737), (920, 8749), (928, 8761), (980, 8809), (988, 8824), (1026, 8884), (1086, 8968), (1096, 8980), (1269, 9217), (1290, 9244), (1292, 9247),

Gene: Gsput1_5 Start: 1941, Stop: 3626, Start Num: 119
Candidate Starts for Gsput1_5:
(Start: 119 @1941 has 3 MA's), (143, 1968), (Start: 211 @2022 has 88 MA's), (Start: 300 @2133 has 12 MA's), (374, 2223), (379, 2229), (381, 2235), (400, 2271), (404, 2280), (443, 2334), (467, 2385),

(554, 2493), (584, 2541), (586, 2547), (625, 2631), (626, 2634), (627, 2637), (636, 2667), (723, 2739), (744, 2772), (784, 2838), (803, 2874), (920, 3069), (1002, 3171), (1133, 3360), (1144, 3378), (1169, 3393), (1205, 3435), (1222, 3459), (1259, 3528), (1316, 3618),

Gene: GtownJaz_13 Start: 6958, Stop: 8658, Start Num: 104
Candidate Starts for GtownJaz_13:
(Start: 104 @6958 has 125 MA's), (151, 7006), (292, 7141), (426, 7333), (476, 7420), (593, 7618), (634, 7708), (671, 7771), (760, 7933), (915, 8131), (928, 8155), (930, 8158), (988, 8221), (995, 8242), (1026, 8281), (1096, 8377), (1134, 8431), (1182, 8467), (1269, 8614), (1292, 8644), (1294, 8647),

Gene: Guacamole_2 Start: 361, Stop: 1929, Start Num: 163
Candidate Starts for Guacamole_2:
(59, 256), (Start: 163 @361 has 37 MA's), (251, 445), (269, 478), (313, 520), (Start: 324 @538 has 4 MA's), (334, 553), (362, 574), (377, 595), (396, 634), (431, 694), (451, 730), (454, 742), (489, 784), (498, 796), (522, 823), (584, 901), (630, 1006), (637, 1021), (642, 1036), (702, 1114), (736, 1165), (837, 1321), (855, 1342), (869, 1360), (873, 1366), (914, 1432), (923, 1444), (963, 1489), (965, 1492), (968, 1498), (984, 1519), (989, 1528), (990, 1531), (1033, 1600), (1118, 1702), (1148, 1744), (1156, 1759), (1188, 1795), (1251, 1891), (1262, 1903), (1269, 1912),

Gene: Gudmit_3 Start: 983, Stop: 2704, Start Num: 236
Candidate Starts for Gudmit_3:
(Start: 236 @983 has 15 MA's), (Start: 297 @1076 has 2 MA's), (Start: 314 @1094 has 1 MA's), (340, 1133), (347, 1151), (349, 1160), (356, 1169), (363, 1181), (379, 1202), (403, 1238), (405, 1241), (419, 1259), (426, 1271), (437, 1295), (439, 1301), (442, 1307), (450, 1325), (452, 1331), (465, 1358), (510, 1415), (528, 1436), (536, 1454), (591, 1565), (633, 1652), (664, 1700), (694, 1763), (697, 1772), (702, 1784), (704, 1787), (718, 1802), (723, 1811), (725, 1814), (734, 1829), (773, 1886), (805, 1943), (851, 2012), (880, 2042), (899, 2069), (926, 2126), (948, 2162), (968, 2192), (987, 2231), (1007, 2273), (1034, 2321), (1041, 2330), (1064, 2372), (1073, 2384), (1092, 2402), (1098, 2411), (1115, 2432), (1138, 2468), (1177, 2519), (1185, 2528), (1187, 2531), (1201, 2546), (1203, 2549), (1226, 2570), (1249, 2621), (1253, 2627), (1302, 2693), (1307, 2699),

Gene: Guinevere_6 Start: 1957, Stop: 3657, Start Num: 197
Candidate Starts for Guinevere_6:
(145, 1900), (Start: 180 @1936 has 11 MA's), (Start: 197 @1957 has 23 MA's), (282, 2080), (Start: 300 @2101 has 12 MA's), (330, 2149), (377, 2194), (379, 2197), (400, 2239), (409, 2257), (412, 2260), (414, 2263), (491, 2386), (554, 2440), (607, 2554), (636, 2614), (643, 2635), (678, 2701), (768, 2866), (815, 2932), (829, 2947), (914, 3118), (943, 3157), (953, 3166), (963, 3175), (986, 3217), (1015, 3250), (1038, 3289), (1096, 3331), (1126, 3373), (1182, 3421), (1203, 3448), (1205, 3451), (1208, 3457), (1222, 3478), (1246, 3520), (1318, 3646),

Gene: Gumpizza_2 Start: 594, Stop: 2282, Start Num: 122
Candidate Starts for Gumpizza_2:
(Start: 122 @594 has 16 MA's), (343, 795), (434, 939), (476, 1008), (541, 1095), (572, 1149), (591, 1188), (646, 1323), (705, 1425), (887, 1647), (915, 1698), (1064, 1917), (1096, 1953), (1106, 1968), (1251, 2193), (1256, 2205), (1265, 2220), (1300, 2271),

Gene: Guppsters_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Guppsters_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583),

(859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1130, 1979), (1140, 1994), (1176, 2021), (1202, 2054), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Gusanita_4 Start: 1860, Stop: 3557, Start Num: 197
Candidate Starts for Gusanita_4:
(143, 1800), (Start: 197 @1860 has 23 MA's), (282, 1980), (Start: 300 @2001 has 12 MA's), (312, 2016), (330, 2049), (377, 2094), (379, 2097), (400, 2139), (409, 2157), (412, 2160), (491, 2286), (554, 2340), (607, 2454), (643, 2535), (768, 2766), (815, 2832), (829, 2847), (908, 2994), (914, 3018), (918, 3027), (943, 3057), (963, 3075), (986, 3117), (1038, 3189), (1096, 3231), (1203, 3348), (1205, 3351), (1208, 3357), (1246, 3420), (1269, 3465), (1292, 3498), (1318, 3546),

Gene: Gusicorn_17 Start: 10301, Stop: 12046, Start Num: 217
Candidate Starts for Gusicorn_17:
(Start: 217 @10301 has 209 MA's), (222, 10307), (280, 10394), (287, 10400), (315, 10436), (343, 10490), (446, 10667), (469, 10712), (504, 10775), (525, 10796), (561, 10865), (604, 10967), (628, 11024), (647, 11081), (653, 11093), (680, 11153), (728, 11252), (731, 11258), (765, 11315), (804, 11381), (949, 11576), (982, 11618), (991, 11642), (1000, 11663), (1003, 11666), (1182, 11894), (1196, 11906), (1244, 11996), (1246, 11999),

Gene: Gustav_2 Start: 554, Stop: 2107, Start Num: 195
Candidate Starts for Gustav_2:
(Start: 195 @554 has 7 MA's), (222, 581), (282, 659), (312, 695), (395, 809), (409, 836), (483, 956), (494, 971), (554, 1022), (584, 1070), (605, 1133), (635, 1193), (649, 1229), (750, 1310), (759, 1325), (779, 1358), (791, 1370), (836, 1427), (896, 1514), (906, 1526), (925, 1568), (962, 1604), (963, 1607), (973, 1625), (1032, 1736), (1093, 1805), (1096, 1808), (1099, 1814), (1133, 1862), (1184, 1919), (1203, 1943), (1308, 2099),

Gene: GuuelaD_4 Start: 1069, Stop: 2643, Start Num: 149
Candidate Starts for GuuelaD_4:
(Start: 149 @1069 has 70 MA's), (Start: 155 @1075 has 82 MA's), (172, 1093), (271, 1231), (374, 1351), (484, 1528), (488, 1534), (582, 1672), (585, 1678), (591, 1699), (636, 1798), (659, 1846), (684, 1900), (700, 1924), (728, 1969), (733, 1975), (753, 2005), (757, 2011), (777, 2038), (782, 2047), (848, 2104), (873, 2131), (876, 2137), (902, 2170), (927, 2215), (963, 2251), (990, 2296), (1031, 2362), (1093, 2437), (1114, 2455), (1118, 2464), (1241, 2611), (1252, 2635), (1254, 2638),

Gene: Gwendoluna_13 Start: 8188, Stop: 9876, Start Num: 102
Candidate Starts for Gwendoluna_13:
(Start: 102 @8188 has 391 MA's), (363, 8452), (379, 8476), (476, 8638), (500, 8671), (593, 8836), (603, 8860), (621, 8887), (637, 8935), (720, 9091), (760, 9151), (939, 9385), (952, 9397), (988, 9439), (995, 9460), (1020, 9487), (1096, 9595), (1182, 9685), (1246, 9790),

Gene: Gwennie_13 Start: 6957, Stop: 8657, Start Num: 104
Candidate Starts for Gwennie_13:
(Start: 104 @6957 has 125 MA's), (151, 7005), (292, 7140), (426, 7332), (476, 7419), (593, 7617), (634, 7707), (671, 7770), (760, 7932), (915, 8130), (928, 8154), (930, 8157), (988, 8220), (995, 8241), (1026, 8280), (1096, 8376), (1134, 8430), (1182, 8466), (1269, 8613), (1292, 8643), (1294, 8646),

Gene: Gyzlar_13 Start: 7950, Stop: 9638, Start Num: 108
Candidate Starts for Gyzlar_13:
(Start: 108 @7950 has 24 MA's), (Start: 302 @8130 has 3 MA's), (363, 8214), (380, 8241), (383, 8250), (476, 8400), (500, 8433), (558, 8508), (593, 8598), (603, 8622), (621, 8649), (637, 8697), (720, 8853),

(760, 8913), (939, 9147), (952, 9159), (988, 9201), (995, 9222), (1020, 9249), (1096, 9357), (1182, 9447), (1246, 9552),

Gene: HC_02 Start: 521, Stop: 2080, Start Num: 138
Candidate Starts for HC_02:
(Start: 138 @521 has 6 MA's), (Start: 231 @611 has 26 MA's), (327, 698), (364, 755), (399, 818), (467, 935), (475, 944), (519, 1016), (544, 1052), (593, 1160), (597, 1172), (598, 1175), (619, 1214), (627, 1232), (699, 1379), (747, 1421), (807, 1505), (824, 1526), (894, 1589), (936, 1667), (938, 1670), (951, 1682), (1026, 1817), (1027, 1820), (1072, 1883), (1074, 1886), (1097, 1919), (1190, 2000), (1212, 2033),

Gene: HH92_5 Start: 1855, Stop: 3489, Start Num: 84
Candidate Starts for HH92_5:
(Start: 84 @1855 has 21 MA's), (Start: 128 @1894 has 3 MA's), (199, 1942), (332, 2113), (373, 2152), (487, 2332), (494, 2341), (499, 2350), (550, 2413), (555, 2419), (594, 2503), (595, 2506), (596, 2509), (642, 2605), (643, 2608), (647, 2617), (690, 2683), (720, 2713), (738, 2740), (758, 2773), (772, 2794), (774, 2797), (837, 2893), (855, 2914), (914, 3004), (950, 3046), (965, 3064), (968, 3070), (1005, 3133), (1009, 3139), (1017, 3142), (1044, 3187), (1047, 3193), (1069, 3220), (1087, 3235), (1130, 3286), (1135, 3295), (1145, 3310), (1148, 3313), (1176, 3352), (1188, 3367), (1200, 3382), (1202, 3385), (1263, 3463), (1267, 3469),

Gene: HINdeR_11 Start: 8169, Stop: 9863, Start Num: 102
Candidate Starts for HINdeR_11:
(Start: 102 @8169 has 391 MA's), (Start: 166 @8229 has 2 MA's), (325, 8388), (363, 8436), (406, 8499), (426, 8535), (445, 8568), (465, 8610), (473, 8619), (476, 8622), (489, 8637), (503, 8661), (558, 8730), (593, 8820), (596, 8829), (673, 8976), (720, 9075), (758, 9132), (778, 9162), (798, 9195), (855, 9249), (864, 9261), (873, 9270), (913, 9333), (915, 9336), (928, 9360), (991, 9435), (992, 9438), (1026, 9486), (1096, 9582), (1253, 9789), (1269, 9819), (1292, 9849),

Gene: HUHilltop_2 Start: 413, Stop: 2089, Start Num: 134
Candidate Starts for HUHilltop_2:
(Start: 134 @413 has 105 MA's), (313, 629), (338, 668), (360, 725), (362, 731), (373, 749), (397, 794), (400, 797), (404, 806), (409, 815), (414, 821), (417, 824), (451, 878), (459, 899), (467, 911), (541, 1001), (636, 1190), (702, 1286), (736, 1337), (828, 1478), (837, 1490), (984, 1688), (989, 1697), (1000, 1724), (1031, 1766), (1044, 1784), (1118, 1868), (1130, 1883), (1269, 2072),

Gene: Hades_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Hades_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Hadrien_5 Start: 1894, Stop: 3489, Start Num: 128
Candidate Starts for Hadrien_5:
(Start: 84 @1855 has 21 MA's), (Start: 128 @1894 has 3 MA's), (199, 1942), (332, 2113), (373, 2152), (487, 2332), (494, 2341), (499, 2350), (550, 2413), (555, 2419), (594, 2503), (595, 2506), (596, 2509), (642, 2605), (643, 2608), (647, 2617), (690, 2683), (720, 2713), (738, 2740), (758, 2773), (772, 2794),

(774, 2797), (837, 2893), (855, 2914), (914, 3004), (950, 3046), (965, 3064), (968, 3070), (1005, 3133), (1009, 3139), (1017, 3142), (1044, 3187), (1047, 3193), (1069, 3220), (1087, 3235), (1130, 3286), (1135, 3295), (1145, 3310), (1148, 3313), (1176, 3352), (1188, 3367), (1200, 3382), (1202, 3385), (1263, 3463), (1267, 3469),

Gene: Hafay_4 Start: 1069, Stop: 2637, Start Num: 149
Candidate Starts for Hafay_4:
(Start: 149 @1069 has 70 MA's), (Start: 155 @1075 has 82 MA's), (271, 1231), (484, 1528), (488, 1534), (533, 1594), (582, 1666), (585, 1672), (636, 1792), (659, 1840), (684, 1894), (700, 1918), (728, 1963), (733, 1969), (753, 1999), (757, 2005), (777, 2032), (782, 2041), (848, 2098), (855, 2104), (873, 2125), (876, 2131), (925, 2206), (927, 2209), (963, 2245), (990, 2290), (1031, 2356), (1093, 2431), (1114, 2449), (1118, 2458), (1241, 2605), (1252, 2629), (1254, 2632),

Gene: Hail_5 Start: 1855, Stop: 3489, Start Num: 84
Candidate Starts for Hail_5:
(Start: 84 @1855 has 21 MA's), (Start: 128 @1894 has 3 MA's), (199, 1942), (332, 2113), (373, 2152), (487, 2332), (494, 2341), (499, 2350), (550, 2413), (555, 2419), (594, 2503), (595, 2506), (596, 2509), (642, 2605), (643, 2608), (647, 2617), (690, 2683), (720, 2713), (738, 2740), (758, 2773), (772, 2794), (774, 2797), (837, 2893), (855, 2914), (914, 3004), (950, 3046), (965, 3064), (968, 3070), (1005, 3133), (1009, 3139), (1017, 3142), (1044, 3187), (1047, 3193), (1069, 3220), (1087, 3235), (1130, 3286), (1135, 3295), (1145, 3310), (1148, 3313), (1176, 3352), (1188, 3367), (1200, 3382), (1202, 3385), (1263, 3463), (1267, 3469),

Gene: Haizum_6 Start: 2173, Stop: 3822, Start Num: 75
Candidate Starts for Haizum_6:
(Start: 75 @2173 has 95 MA's), (Start: 212 @2290 has 5 MA's), (309, 2371), (325, 2398), (363, 2446), (382, 2479), (394, 2500), (450, 2587), (462, 2614), (480, 2635), (515, 2680), (543, 2722), (582, 2794), (593, 2818), (638, 2917), (654, 2953), (673, 2971), (763, 3091), (766, 3094), (786, 3130), (866, 3211), (927, 3301), (936, 3313), (980, 3364), (1007, 3418), (1096, 3538), (1112, 3559), (1128, 3580), (1130, 3583), (1196, 3643), (1251, 3739), (1253, 3742), (1300, 3817),

Gene: Hajile_8 Start: 2809, Stop: 4542, Start Num: 217
Candidate Starts for Hajile_8:
(Start: 217 @2809 has 209 MA's), (222, 2815), (252, 2863), (287, 2908), (Start: 366 @3046 has 1 MA's), (430, 3130), (449, 3169), (469, 3208), (485, 3229), (504, 3271), (525, 3292), (596, 3445), (604, 3463), (657, 3595), (728, 3748), (804, 3877), (859, 3946), (868, 3958), (949, 4072), (967, 4090), (1000, 4159), (1003, 4162), (1038, 4213), (1068, 4255), (1146, 4366), (1182, 4390), (1196, 4402), (1244, 4492), (1246, 4495),

Gene: Halena_4 Start: 1052, Stop: 2635, Start Num: 149
Candidate Starts for Halena_4:
(Start: 149 @1052 has 70 MA's), (Start: 155 @1058 has 82 MA's), (284, 1229), (352, 1316), (374, 1334), (379, 1340), (396, 1376), (486, 1514), (488, 1517), (550, 1592), (584, 1649), (585, 1652), (659, 1820), (684, 1874), (688, 1883), (700, 1898), (713, 1919), (737, 1958), (753, 1979), (757, 1985), (777, 2012), (808, 2054), (848, 2078), (866, 2096), (873, 2105), (876, 2111), (902, 2144), (918, 2177), (953, 2216), (962, 2222), (963, 2225), (990, 2270), (1031, 2336), (1069, 2387), (1093, 2411), (1111, 2426), (1114, 2429), (1207, 2531), (1224, 2558), (1252, 2609), (1254, 2612),

Gene: Haley23_2 Start: 318, Stop: 1889, Start Num: 134
Candidate Starts for Haley23_2:
(Start: 134 @318 has 105 MA's), (251, 426), (281, 474), (313, 504), (332, 537), (397, 621), (402, 630), (431, 666), (461, 726), (550, 816), (596, 912), (607, 936), (630, 978), (654, 1032), (679, 1071), (736, 1137), (741, 1149), (760, 1179), (783, 1212), (837, 1293), (873, 1338), (876, 1344), (895, 1365), (950,

1455), (986, 1500), (989, 1506), (1003, 1536), (1005, 1539), (1044, 1593), (1078, 1629), (1120, 1680), (1162, 1740), (1164, 1743), (1200, 1785), (1266, 1872),

Gene: Halloweekend_4 Start: 1574, Stop: 3295, Start Num: 180
Candidate Starts for Halloweekend_4:
(145, 1538), (Start: 180 @1574 has 11 MA's), (Start: 197 @1595 has 23 MA's), (282, 1718), (Start: 300 @1739 has 12 MA's), (330, 1787), (377, 1832), (379, 1835), (400, 1877), (409, 1895), (412, 1898), (414, 1901), (491, 2024), (554, 2078), (586, 2132), (607, 2192), (636, 2252), (643, 2273), (768, 2504), (815, 2570), (829, 2585), (914, 2756), (943, 2795), (953, 2804), (963, 2813), (986, 2855), (1015, 2888), (1038, 2927), (1096, 2969), (1182, 3059), (1203, 3086), (1205, 3089), (1208, 3095), (1222, 3116), (1246, 3158), (1292, 3236), (1318, 3284),

Gene: Halsey_2 Start: 594, Stop: 2282, Start Num: 122
Candidate Starts for Halsey_2:
(Start: 122 @594 has 16 MA's), (434, 939), (450, 963), (476, 1008), (541, 1095), (572, 1149), (591, 1188), (646, 1323), (705, 1425), (887, 1647), (915, 1698), (1064, 1917), (1096, 1953), (1106, 1968), (1251, 2193), (1256, 2205), (1265, 2220), (1300, 2271),

Gene: HamCheese_2 Start: 349, Stop: 1992, Start Num: 164
Candidate Starts for HamCheese_2:
(Start: 164 @349 has 12 MA's), (Start: 182 @370 has 18 MA's), (374, 601), (377, 604), (381, 613), (400, 649), (404, 658), (409, 667), (455, 745), (554, 850), (607, 964), (625, 988), (636, 1024), (643, 1045), (651, 1060), (682, 1120), (744, 1204), (896, 1420), (905, 1432), (916, 1459), (949, 1498), (953, 1504), (980, 1543), (1000, 1570), (1014, 1582), (1030, 1615), (1038, 1627), (1063, 1660), (1203, 1831), (1246, 1900), (1249, 1906), (1259, 1927), (1271, 1948), (1304, 1978), (1306, 1981), (1308, 1984),

Gene: HamSlice_10 Start: 6885, Stop: 8582, Start Num: 102
Candidate Starts for HamSlice_10:
(Start: 102 @6885 has 391 MA's), (Start: 126 @6909 has 206 MA's), (Start: 239 @7032 has 2 MA's), (339, 7122), (363, 7155), (426, 7254), (473, 7338), (476, 7341), (503, 7380), (558, 7449), (569, 7473), (593, 7539), (634, 7629), (720, 7794), (778, 7881), (798, 7914), (864, 7980), (913, 8052), (915, 8055), (928, 8079), (980, 8130), (988, 8145), (1007, 8184), (1026, 8205), (1096, 8301), (1269, 8538), (1292, 8568), (1294, 8571),

Gene: Hami1_13 Start: 7391, Stop: 9079, Start Num: 102
Candidate Starts for Hami1_13:
(Start: 102 @7391 has 391 MA's), (Start: 302 @7571 has 3 MA's), (363, 7655), (383, 7691), (476, 7841), (558, 7949), (593, 8039), (603, 8063), (637, 8138), (679, 8207), (720, 8294), (760, 8354), (930, 8579), (939, 8588), (952, 8600), (988, 8642), (995, 8663), (1020, 8690), (1096, 8798), (1182, 8888), (1246, 8993),

Gene: Hammer_15 Start: 7507, Stop: 9261, Start Num: 103
Candidate Starts for Hammer_15:
(Start: 103 @7507 has 278 MA's), (Start: 231 @7639 has 26 MA's), (288, 7738), (309, 7762), (325, 7789), (350, 7825), (406, 7900), (476, 8023), (489, 8038), (503, 8062), (558, 8131), (569, 8155), (571, 8158), (593, 8221), (603, 8245), (671, 8374), (673, 8377), (729, 8488), (855, 8650), (915, 8737), (920, 8749), (928, 8761), (980, 8809), (988, 8824), (1007, 8863), (1026, 8884), (1086, 8968), (1096, 8980), (1269, 9217), (1290, 9244), (1292, 9247),

Gene: Hamood_6 Start: 1978, Stop: 3408, Start Num: 329
Candidate Starts for Hamood_6:

(201, 1810), (Start: 204 @1813 has 1 MA's), (213, 1822), (Start: 329 @1978 has 15 MA's), (343, 1996), (409, 2119), (427, 2137), (448, 2176), (452, 2185), (504, 2269), (585, 2353), (588, 2368), (601, 2401), (634, 2467), (700, 2599), (819, 2788), (866, 2848), (898, 2890), (928, 2941), (989, 3016), (990, 3019), (1003, 3046), (1044, 3106), (1069, 3139), (1083, 3154), (1118, 3190), (1154, 3232), (1178, 3259), (1211, 3295), (1214, 3301), (1241, 3340),

Gene: Hamulus_2 Start: 588, Stop: 2225, Start Num: 126
Candidate Starts for Hamulus_2:
(Start: 126 @588 has 206 MA's), (Start: 139 @603 has 1 MA's), (Start: 147 @612 has 3 MA's), (153, 618), (Start: 184 @645 has 3 MA's), (Start: 217 @669 has 209 MA's), (Start: 219 @672 has 2 MA's), (271, 735), (291, 753), (310, 774), (372, 861), (375, 867), (419, 921), (433, 933), (442, 945), (445, 954), (447, 957), (454, 978), (467, 999), (482, 1014), (519, 1071), (543, 1110), (580, 1179), (584, 1185), (597, 1215), (598, 1218), (603, 1227), (612, 1242), (621, 1260), (638, 1311), (695, 1413), (845, 1584), (859, 1596), (872, 1614), (915, 1680), (934, 1710), (937, 1713), (940, 1716), (988, 1773), (993, 1788), (995, 1794), (996, 1797), (1007, 1812), (1020, 1821), (1062, 1890), (1082, 1920), (1084, 1929), (1112, 1962), (1140, 1995), (1176, 2022), (1202, 2055), (1219, 2082), (1222, 2085), (1235, 2106), (1246, 2130), (1251, 2139), (1253, 2142), (1284, 2199),

Gene: HanKaySha_9 Start: 2465, Stop: 4135, Start Num: 301
Candidate Starts for HanKaySha_9:
(Start: 301 @2465 has 48 MA's), (344, 2528), (479, 2762), (548, 2864), (632, 3044), (641, 3068), (650, 3086), (663, 3098), (694, 3161), (698, 3173), (725, 3218), (734, 3233), (784, 3311), (811, 3356), (845, 3410), (851, 3416), (917, 3530), (994, 3674), (1019, 3710), (1118, 3863), (1129, 3875), (1175, 3932), (1205, 3968), (1235, 4019), (1251, 4055), (1253, 4058), (1294, 4124),

Gene: HanShotFirst_11 Start: 6611, Stop: 8299, Start Num: 102
Candidate Starts for HanShotFirst_11:
(Start: 102 @6611 has 391 MA's), (Start: 302 @6791 has 3 MA's), (363, 6875), (383, 6911), (406, 6938), (476, 7061), (500, 7094), (558, 7169), (593, 7259), (603, 7283), (621, 7310), (637, 7358), (679, 7427), (720, 7514), (760, 7574), (939, 7808), (952, 7820), (988, 7862), (995, 7883), (1020, 7910), (1096, 8018), (1182, 8108), (1246, 8213),

Gene: Hanako_2 Start: 512, Stop: 2044, Start Num: 234
Candidate Starts for Hanako_2:
(Start: 231 @509 has 26 MA's), (Start: 234 @512 has 29 MA's), (Start: 245 @527 has 1 MA's), (282, 584), (Start: 297 @602 has 2 MA's), (309, 614), (368, 686), (390, 722), (400, 743), (443, 806), (508, 926), (573, 1010), (601, 1076), (636, 1148), (637, 1151), (641, 1163), (713, 1289), (728, 1313), (769, 1376), (830, 1460), (873, 1517), (886, 1532), (930, 1607), (943, 1625), (1047, 1769), (1079, 1790), (1098, 1823), (1109, 1838), (1134, 1874), (1205, 1952), (1207, 1955), (1210, 1961),

Gene: Hank144_7 Start: 2471, Stop: 4117, Start Num: 75
Candidate Starts for Hank144_7:
(Start: 75 @2471 has 95 MA's), (Start: 239 @2621 has 2 MA's), (363, 2741), (379, 2765), (382, 2774), (429, 2846), (462, 2909), (480, 2930), (515, 2975), (543, 3017), (582, 3089), (593, 3113), (638, 3212), (673, 3266), (786, 3425), (915, 3575), (927, 3596), (992, 3686), (1000, 3704), (1064, 3794), (1096, 3833), (1112, 3854), (1116, 3860), (1130, 3878), (1251, 4034), (1300, 4112),

Gene: Hankly_7 Start: 3871, Stop: 5625, Start Num: 217
Candidate Starts for Hankly_7:
(172, 3817), (Start: 211 @3865 has 88 MA's), (Start: 217 @3871 has 209 MA's), (280, 3964), (287, 3970), (446, 4237), (458, 4267), (482, 4297), (504, 4345), (523, 4363), (525, 4366), (547, 4408), (604, 4537), (680, 4723), (728, 4822), (770, 4894), (804, 4951), (859, 5029), (868, 5041), (944, 5152), (949, 5155), (967, 5173), (990, 5218), (1000, 5242), (1003, 5245), (1030, 5284), (1131, 5425), (1179, 5470),

(1182, 5473), (1196, 5485), (1226, 5533), (1242, 5566), (1244, 5575), (1246, 5578),

Gene: Hannaconda_7 Start: 2388, Stop: 3920, Start Num: 232
Candidate Starts for Hannaconda_7:
(46, 2142), (Start: 70 @2193 has 1 MA's), (159, 2304), (Start: 196 @2346 has 1 MA's), (207, 2355), (Start: 232 @2388 has 12 MA's), (323, 2502), (360, 2565), (380, 2598), (381, 2601), (401, 2640), (404, 2646), (452, 2721), (476, 2757), (550, 2832), (552, 2835), (573, 2871), (588, 2904), (713, 3153), (767, 3216), (783, 3243), (900, 3402), (918, 3438), (952, 3468), (962, 3477), (990, 3531), (1000, 3555), (1186, 3789), (1202, 3801),

Gene: HannahD_2 Start: 522, Stop: 2105, Start Num: 175
Candidate Starts for HannahD_2:
(137, 489), (152, 498), (Start: 175 @522 has 14 MA's), (404, 807), (431, 840), (454, 888), (499, 948), (509, 960), (584, 1050), (630, 1155), (702, 1299), (736, 1350), (794, 1446), (835, 1506), (873, 1554), (893, 1578), (952, 1665), (1009, 1755), (1031, 1785), (1044, 1803), (1104, 1872), (1118, 1887), (1135, 1911),

Gene: HannahPhantana_4 Start: 1013, Stop: 2494, Start Num: 300
Candidate Starts for HannahPhantana_4:
(Start: 164 @848 has 12 MA's), (Start: 300 @1013 has 12 MA's), (325, 1052), (374, 1103), (381, 1115), (400, 1151), (409, 1169), (554, 1352), (607, 1466), (619, 1478), (636, 1526), (643, 1547), (651, 1562), (682, 1619), (905, 1934), (949, 2000), (980, 2045), (1014, 2084), (1020, 2096), (1063, 2162), (1093, 2192), (1126, 2237), (1157, 2279), (1246, 2402), (1249, 2408), (1259, 2429), (1265, 2441), (1304, 2480), (1306, 2483),

Gene: Hanray_13 Start: 8145, Stop: 9932, Start Num: 103
Candidate Starts for Hanray_13:
(Start: 103 @8145 has 278 MA's), (Start: 117 @8160 has 12 MA's), (Start: 123 @8166 has 9 MA's), (Start: 231 @8277 has 26 MA's), (288, 8376), (406, 8538), (445, 8610), (476, 8664), (503, 8703), (558, 8775), (593, 8865), (603, 8889), (663, 9006), (673, 9021), (727, 9129), (776, 9204), (798, 9240), (837, 9300), (920, 9420), (936, 9441), (980, 9480), (1007, 9534), (1015, 9537), (1026, 9555), (1061, 9609), (1086, 9639), (1096, 9651), (1182, 9741), (1198, 9759), (1269, 9888), (1290, 9915), (1292, 9918),

Gene: Happiness_11 Start: 6889, Stop: 8586, Start Num: 102
Candidate Starts for Happiness_11:
(Start: 102 @6889 has 391 MA's), (Start: 126 @6913 has 206 MA's), (Start: 239 @7036 has 2 MA's), (339, 7126), (363, 7159), (426, 7258), (473, 7342), (476, 7345), (503, 7384), (558, 7453), (569, 7477), (593, 7543), (634, 7633), (720, 7798), (778, 7885), (798, 7918), (864, 7984), (913, 8056), (915, 8059), (928, 8083), (980, 8134), (988, 8149), (1007, 8188), (1026, 8209), (1096, 8305), (1269, 8542), (1292, 8572), (1294, 8575),

Gene: Harlequin_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Harlequin_8:
(Start: 104 @3156 has 125 MA's), (Start: 302 @3342 has 3 MA's), (350, 3414), (363, 3426), (379, 3450), (383, 3462), (489, 3630), (536, 3690), (593, 3798), (718, 4053), (763, 4125), (892, 4269), (915, 4311), (936, 4344), (992, 4413), (1096, 4557), (1130, 4602), (1196, 4662), (1269, 4794), (1290, 4821), (1292, 4824), (1294, 4827),

Gene: Harley_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for Harley_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 184 @629 has 3 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (372, 845), (419, 905), (433, 917), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (519, 1055), (543, 1094),

(580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (689, 1388), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1130, 1964), (1140, 1979), (1176, 2006), (1202, 2039), (1214, 2060), (1219, 2066), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: HarperAnne_3 Start: 1062, Stop: 2522, Start Num: 193
Candidate Starts for HarperAnne_3:
(Start: 193 @1062 has 146 MA's), (Start: 198 @1068 has 6 MA's), (325, 1230), (330, 1239), (377, 1299), (415, 1368), (431, 1389), (455, 1440), (606, 1644), (669, 1779), (744, 1857), (753, 1872), (765, 1890), (777, 1908), (804, 1950), (832, 1983), (840, 2001), (923, 2121), (925, 2124), (936, 2136), (943, 2148), (953, 2160), (990, 2211), (1028, 2268), (1031, 2274), (1038, 2283), (1044, 2292), (1045, 2295), (1186, 2457), (1199, 2466), (1205, 2475), (1232, 2514),

Gene: HarryHoudini_14 Start: 7940, Stop: 9727, Start Num: 103
Candidate Starts for HarryHoudini_14:
(23, 7754), (49, 7856), (Start: 103 @7940 has 278 MA's), (Start: 206 @8048 has 29 MA's), (226, 8069), (288, 8177), (476, 8462), (558, 8570), (593, 8660), (603, 8684), (663, 8801), (673, 8816), (915, 9203), (1007, 9329), (1026, 9350), (1086, 9434), (1096, 9446), (1269, 9683), (1290, 9710), (1292, 9713), (1294, 9716), (1296, 9719),

Gene: HarryOW_12 Start: 7307, Stop: 8995, Start Num: 102
Candidate Starts for HarryOW_12:
(Start: 102 @7307 has 391 MA's), (363, 7571), (379, 7595), (476, 7757), (500, 7790), (558, 7865), (593, 7955), (603, 7979), (621, 8006), (637, 8054), (714, 8198), (720, 8210), (760, 8270), (939, 8504), (952, 8516), (988, 8558), (995, 8579), (1020, 8606), (1096, 8714), (1182, 8804), (1246, 8909),

Gene: HashRod_14 Start: 7041, Stop: 8741, Start Num: 104
Candidate Starts for HashRod_14:
(Start: 104 @7041 has 125 MA's), (151, 7089), (292, 7224), (426, 7416), (476, 7503), (593, 7701), (634, 7791), (671, 7854), (760, 8016), (915, 8214), (928, 8238), (930, 8241), (988, 8304), (995, 8325), (1026, 8364), (1096, 8460), (1134, 8514), (1182, 8550), (1269, 8697), (1292, 8727), (1294, 8730),

Gene: HaveUMetTed_14 Start: 7029, Stop: 8729, Start Num: 104
Candidate Starts for HaveUMetTed_14:
(Start: 104 @7029 has 125 MA's), (151, 7077), (Start: 224 @7149 has 17 MA's), (292, 7212), (476, 7491), (593, 7689), (634, 7779), (671, 7842), (760, 8004), (915, 8202), (928, 8226), (930, 8229), (988, 8292), (992, 8304), (995, 8313), (1007, 8331), (1026, 8352), (1096, 8448), (1134, 8502), (1182, 8538), (1269, 8685), (1292, 8715), (1294, 8718),

Gene: HazuAndZazu_7 Start: 2850, Stop: 4595, Start Num: 217
Candidate Starts for HazuAndZazu_7:
(Start: 217 @2850 has 209 MA's), (252, 2904), (Start: 255 @2907 has 1 MA's), (280, 2943), (287, 2949), (430, 3183), (485, 3282), (504, 3324), (525, 3345), (547, 3387), (556, 3399), (596, 3498), (604, 3516), (621, 3552), (713, 3777), (728, 3801), (731, 3807), (804, 3930), (859, 3999), (940, 4116), (967, 4143), (1000, 4212), (1003, 4215), (1038, 4266), (1101, 4353), (1146, 4419), (1182, 4443), (1196, 4455), (1207, 4473), (1244, 4545), (1246, 4548),

Gene: HeadMave_3 Start: 1086, Stop: 2546, Start Num: 193
Candidate Starts for HeadMave_3:
(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (744, 1881), (753, 1896), (777, 1932), (804,

1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: HeadNerd_2 Start: 426, Stop: 1991, Start Num: 155
Candidate Starts for HeadNerd_2:
(Start: 155 @426 has 82 MA's), (Start: 324 @636 has 4 MA's), (379, 696), (396, 732), (401, 741), (409, 756), (414, 762), (430, 780), (540, 942), (554, 963), (607, 1077), (636, 1137), (719, 1203), (740, 1236), (759, 1266), (768, 1281), (815, 1362), (880, 1440), (883, 1449), (953, 1557), (963, 1566), (977, 1593), (1020, 1647), (1044, 1689), (1126, 1755), (1222, 1857),

Gene: Heathen_11 Start: 6297, Stop: 7994, Start Num: 102
Candidate Starts for Heathen_11:
(Start: 102 @6297 has 391 MA's), (174, 6369), (363, 6567), (465, 6741), (476, 6753), (503, 6792), (518, 6804), (558, 6861), (569, 6885), (593, 6951), (596, 6960), (634, 7041), (643, 7068), (720, 7206), (763, 7272), (778, 7293), (791, 7317), (798, 7326), (864, 7392), (915, 7467), (928, 7491), (930, 7494), (936, 7500), (943, 7509), (988, 7557), (1026, 7617), (1096, 7713), (1130, 7758), (1134, 7767), (1253, 7920), (1269, 7950), (1292, 7980), (1294, 7983),

Gene: Heather_2 Start: 597, Stop: 2144, Start Num: 304
Candidate Starts for Heather_2:
(Start: 304 @597 has 4 MA's), (445, 816), (450, 825), (479, 873), (510, 918), (535, 954), (548, 978), (564, 1008), (570, 1017), (591, 1062), (603, 1092), (620, 1113), (655, 1191), (697, 1266), (718, 1296), (903, 1551), (905, 1554), (922, 1596), (944, 1623), (972, 1674), (973, 1680), (978, 1689), (985, 1701), (995, 1731), (1062, 1833), (1076, 1854), (1101, 1881), (1134, 1929), (1203, 2010), (1219, 2034), (1226, 2037), (1281, 2133),

Gene: Hedwig_2 Start: 586, Stop: 2196, Start Num: 175
Candidate Starts for Hedwig_2:
(Start: 175 @586 has 14 MA's), (331, 769), (Start: 366 @802 has 1 MA's), (431, 904), (454, 952), (509, 1024), (607, 1177), (630, 1219), (642, 1249), (679, 1312), (698, 1354), (702, 1363), (752, 1444), (754, 1447), (766, 1465), (785, 1495), (794, 1510), (815, 1543), (835, 1570), (893, 1648), (952, 1735), (969, 1759), (1030, 1852), (1031, 1855), (1044, 1873), (1118, 1957),

Gene: Heffalump_14 Start: 9253, Stop: 11040, Start Num: 103
Candidate Starts for Heffalump_14:
(Start: 103 @9253 has 278 MA's), (Start: 206 @9361 has 29 MA's), (226, 9382), (288, 9490), (406, 9652), (476, 9775), (558, 9883), (593, 9973), (603, 9997), (663, 10114), (673, 10129), (857, 10429), (992, 10615), (1007, 10642), (1026, 10663), (1096, 10759), (1269, 10996), (1290, 11023), (1292, 11026),

Gene: Heinz_2 Start: 511, Stop: 2103, Start Num: 194
Candidate Starts for Heinz_2:
(Start: 194 @511 has 13 MA's), (306, 646), (312, 652), (338, 694), (379, 733), (381, 739), (396, 769), (430, 817), (459, 877), (489, 919), (491, 922), (510, 946), (512, 949), (554, 976), (587, 1039), (623, 1111), (633, 1141), (635, 1147), (636, 1150), (637, 1153), (797, 1396), (815, 1417), (829, 1432), (832, 1435), (836, 1447), (881, 1507), (908, 1552), (914, 1570), (943, 1609), (1020, 1702), (1030, 1723), (1189, 1927), (1249, 2020), (1259, 2038), (1306, 2092),

Gene: Heisenberger_8 Start: 3847, Stop: 5601, Start Num: 217
Candidate Starts for Heisenberger_8:
(172, 3793), (Start: 211 @3841 has 88 MA's), (Start: 217 @3847 has 209 MA's), (280, 3940), (287, 3946), (402, 4138), (446, 4213), (458, 4243), (482, 4273), (504, 4321), (523, 4339), (525, 4342), (604, 4513), (680, 4699), (728, 4798), (770, 4870), (804, 4927), (859, 5005), (868, 5017), (944, 5128), (949,

5131), (967, 5149), (990, 5194), (1000, 5218), (1003, 5221), (1030, 5260), (1131, 5401), (1179, 5446), (1182, 5449), (1196, 5461), (1226, 5509), (1242, 5542), (1244, 5551), (1246, 5554),

Gene: HelDan_11 Start: 6549, Stop: 8246, Start Num: 102
Candidate Starts for HelDan_11:
(Start: 102 @6549 has 391 MA's), (174, 6621), (363, 6819), (465, 6993), (476, 7005), (503, 7044), (518, 7056), (558, 7113), (569, 7137), (593, 7203), (596, 7212), (634, 7293), (643, 7320), (720, 7458), (763, 7524), (778, 7545), (798, 7578), (864, 7644), (915, 7719), (928, 7743), (930, 7746), (936, 7752), (943, 7761), (988, 7809), (1026, 7869), (1096, 7965), (1130, 8010), (1134, 8019), (1253, 8172), (1269, 8202), (1292, 8232), (1294, 8235),

Gene: Heliosoles_13 Start: 7029, Stop: 8729, Start Num: 104
Candidate Starts for Heliosoles_13:
(Start: 104 @7029 has 125 MA's), (151, 7077), (Start: 224 @7149 has 17 MA's), (292, 7212), (476, 7491), (593, 7689), (634, 7779), (671, 7842), (760, 8004), (915, 8202), (928, 8226), (930, 8229), (988, 8292), (992, 8304), (995, 8313), (1007, 8331), (1026, 8352), (1096, 8448), (1134, 8502), (1182, 8538), (1269, 8685), (1292, 8715), (1294, 8718),

Gene: Helmet_15 Start: 7533, Stop: 9287, Start Num: 103
Candidate Starts for Helmet_15:
(Start: 103 @7533 has 278 MA's), (Start: 231 @7665 has 26 MA's), (288, 7764), (309, 7788), (325, 7815), (350, 7851), (406, 7926), (476, 8049), (489, 8064), (503, 8088), (558, 8157), (569, 8181), (571, 8184), (593, 8247), (603, 8271), (671, 8400), (673, 8403), (729, 8514), (855, 8676), (915, 8763), (920, 8775), (928, 8787), (980, 8835), (988, 8850), (1007, 8889), (1026, 8910), (1086, 8994), (1096, 9006), (1269, 9243), (1290, 9270), (1292, 9273),

Gene: Hemma_8 Start: 3348, Stop: 5093, Start Num: 217
Candidate Starts for Hemma_8:
(Start: 211 @3342 has 88 MA's), (Start: 217 @3348 has 209 MA's), (287, 3447), (353, 3567), (393, 3633), (402, 3639), (446, 3714), (458, 3744), (504, 3822), (523, 3840), (525, 3843), (604, 4014), (619, 4047), (680, 4200), (713, 4275), (728, 4299), (791, 4404), (804, 4428), (832, 4467), (868, 4509), (897, 4557), (949, 4623), (967, 4641), (970, 4647), (996, 4704), (1000, 4710), (1003, 4713), (1101, 4851), (1131, 4893), (1146, 4917), (1182, 4941), (1196, 4953), (1207, 4971), (1244, 5043), (1246, 5046), (1263, 5082),

Gene: Henrique_2 Start: 625, Stop: 2373, Start Num: 236
Candidate Starts for Henrique_2:
(189, 574), (213, 601), (Start: 236 @625 has 15 MA's), (295, 718), (382, 859), (385, 865), (403, 898), (405, 901), (482, 1039), (536, 1114), (548, 1135), (605, 1261), (664, 1363), (691, 1420), (697, 1435), (723, 1474), (907, 1747), (913, 1762), (924, 1786), (945, 1819), (1041, 1996), (1056, 2020), (1064, 2038), (1088, 2068), (1098, 2083), (1109, 2098), (1129, 2125), (1150, 2152), (1177, 2176), (1185, 2185), (1226, 2236), (1251, 2290),

Gene: Herb_2 Start: 428, Stop: 1993, Start Num: 155
Candidate Starts for Herb_2:
(Start: 155 @428 has 82 MA's), (Start: 297 @599 has 2 MA's), (374, 692), (380, 701), (396, 734), (404, 749), (409, 758), (430, 782), (455, 836), (542, 947), (584, 1013), (586, 1019), (607, 1079), (636, 1139), (647, 1169), (759, 1268), (880, 1442), (883, 1451), (905, 1487), (908, 1493), (925, 1529), (962, 1565), (980, 1598), (1006, 1637), (1015, 1643), (1143, 1784), (1222, 1859), (1272, 1940), (1308, 1979),

Gene: HerbBucket_7 Start: 3619, Stop: 5367, Start Num: 217
Candidate Starts for HerbBucket_7:

(Start: 200 @3601 has 5 MA's), (Start: 217 @3619 has 209 MA's), (280, 3712), (287, 3718), (325, 3775), (353, 3838), (458, 4015), (504, 4093), (525, 4114), (580, 4216), (604, 4285), (680, 4471), (713, 4546), (728, 4570), (791, 4675), (804, 4699), (868, 4783), (949, 4897), (967, 4915), (1000, 4984), (1003, 4987), (1038, 5038), (1068, 5080), (1131, 5167), (1161, 5194), (1182, 5215), (1196, 5227), (1207, 5245), (1244, 5317), (1246, 5320),

Gene: Herbertwm_10 Start: 6311, Stop: 8074, Start Num: 103
Candidate Starts for Herbertwm_10:
(Start: 103 @6311 has 278 MA's), (Start: 231 @6443 has 26 MA's), (288, 6542), (363, 6641), (445, 6773), (476, 6827), (558, 6938), (593, 7028), (603, 7052), (673, 7184), (714, 7277), (864, 7475), (915, 7550), (928, 7574), (988, 7637), (992, 7649), (1007, 7676), (1096, 7793), (1134, 7847), (1198, 7901), (1269, 8030), (1290, 8057), (1292, 8060),

Gene: Hercules11_13 Start: 6964, Stop: 8664, Start Num: 104
Candidate Starts for Hercules11_13:
(Start: 104 @6964 has 125 MA's), (151, 7012), (292, 7147), (426, 7339), (476, 7426), (593, 7624), (634, 7714), (671, 7777), (760, 7939), (915, 8137), (928, 8161), (930, 8164), (988, 8227), (995, 8248), (1026, 8287), (1096, 8383), (1134, 8437), (1182, 8473), (1269, 8620), (1292, 8650), (1294, 8653),

Gene: Hereford_4 Start: 1422, Stop: 3017, Start Num: 194
Candidate Starts for Hereford_4:
(Start: 194 @1422 has 13 MA's), (396, 1680), (409, 1704), (414, 1710), (607, 2001), (627, 2031), (643, 2082), (647, 2091), (734, 2193), (740, 2205), (832, 2328), (914, 2457), (1063, 2685), (1101, 2727), (1306, 3006),

Gene: Hermia_13 Start: 7751, Stop: 9439, Start Num: 102
Candidate Starts for Hermia_13:
(Start: 102 @7751 has 391 MA's), (Start: 302 @7931 has 3 MA's), (363, 8015), (383, 8051), (406, 8078), (476, 8201), (500, 8234), (558, 8309), (593, 8399), (603, 8423), (621, 8450), (637, 8498), (679, 8567), (714, 8642), (720, 8654), (727, 8663), (760, 8714), (930, 8939), (939, 8948), (952, 8960), (988, 9002), (995, 9023), (1020, 9050), (1096, 9158), (1182, 9248), (1246, 9353),

Gene: HermioneGrange_12 Start: 6720, Stop: 8408, Start Num: 102
Candidate Starts for HermioneGrange_12:
(Start: 102 @6720 has 391 MA's), (363, 6984), (379, 7008), (476, 7170), (500, 7203), (558, 7278), (593, 7368), (603, 7392), (621, 7419), (637, 7467), (720, 7623), (760, 7683), (930, 7908), (939, 7917), (952, 7929), (988, 7971), (995, 7992), (1020, 8019), (1096, 8127), (1182, 8217), (1246, 8322),

Gene: Hernandez44_3 Start: 1176, Stop: 2636, Start Num: 193
Candidate Starts for Hernandez44_3:
(Start: 193 @1176 has 146 MA's), (Start: 198 @1182 has 6 MA's), (325, 1344), (330, 1353), (377, 1413), (415, 1482), (431, 1503), (455, 1554), (606, 1758), (669, 1893), (744, 1971), (753, 1986), (777, 2022), (804, 2064), (832, 2097), (840, 2115), (923, 2235), (925, 2238), (936, 2250), (990, 2325), (1031, 2388), (1038, 2397), (1044, 2406), (1045, 2409), (1186, 2571), (1199, 2580), (1205, 2589), (1232, 2628),

Gene: Herod_2 Start: 498, Stop: 2222, Start Num: 206
Candidate Starts for Herod_2:
(Start: 193 @483 has 146 MA's), (Start: 206 @498 has 29 MA's), (280, 588), (426, 804), (437, 828), (439, 834), (447, 852), (450, 858), (483, 915), (536, 987), (633, 1185), (655, 1227), (664, 1233), (702, 1317), (723, 1344), (793, 1455), (809, 1482), (926, 1659), (1092, 1932), (1094, 1935), (1098, 1941), (1115, 1962), (1141, 2001), (1177, 2049), (1185, 2058), (1205, 2082), (1226, 2100), (1253, 2157), (1295, 2214),

Gene: Hestia_2 Start: 690, Stop: 2330, Start Num: 241
Candidate Starts for Hestia_2:
(Start: 160 @597 has 5 MA's), (Start: 241 @690 has 2 MA's), (Start: 244 @693 has 5 MA's), (295, 783), (315, 807), (335, 843), (337, 846), (369, 906), (426, 1014), (476, 1101), (590, 1278), (607, 1320), (623, 1341), (635, 1377), (737, 1512), (747, 1518), (771, 1557), (814, 1626), (892, 1692), (899, 1704), (917, 1740), (977, 1824), (1007, 1881), (1046, 1944), (1094, 2028), (1105, 2052), (1134, 2094), (1196, 2151), (1198, 2154), (1205, 2166), (1246, 2235), (1267, 2277), (1283, 2304), (1292, 2316),

Gene: Hexamo_15 Start: 7488, Stop: 9242, Start Num: 103
Candidate Starts for Hexamo_15:
(Start: 103 @7488 has 278 MA's), (Start: 231 @7620 has 26 MA's), (288, 7719), (309, 7743), (325, 7770), (350, 7806), (406, 7881), (476, 8004), (489, 8019), (503, 8043), (558, 8112), (569, 8136), (571, 8139), (593, 8202), (603, 8226), (671, 8355), (673, 8358), (729, 8469), (855, 8631), (915, 8718), (920, 8730), (928, 8742), (980, 8790), (988, 8805), (1007, 8844), (1026, 8865), (1086, 8949), (1096, 8961), (1269, 9198), (1290, 9225), (1292, 9228),

Gene: Hexbug_5 Start: 1093, Stop: 2790, Start Num: 173
Candidate Starts for Hexbug_5:
(144, 1066), (Start: 173 @1093 has 9 MA's), (Start: 224 @1147 has 17 MA's), (237, 1168), (Start: 255 @1195 has 1 MA's), (350, 1306), (407, 1384), (450, 1468), (468, 1504), (476, 1513), (480, 1516), (507, 1564), (518, 1576), (572, 1663), (619, 1753), (654, 1843), (687, 1897), (814, 2110), (827, 2125), (846, 2134), (890, 2176), (917, 2242), (920, 2248), (956, 2290), (983, 2323), (988, 2332), (1064, 2452), (1112, 2509), (1128, 2530), (1170, 2557), (1210, 2617), (1249, 2686), (1251, 2689), (1280, 2734), (1311, 2776), (1313, 2779),

Gene: Hibiscus_2 Start: 511, Stop: 2103, Start Num: 194
Candidate Starts for Hibiscus_2:
(Start: 194 @511 has 13 MA's), (306, 646), (338, 694), (379, 733), (396, 769), (430, 817), (459, 877), (489, 919), (491, 922), (510, 946), (512, 949), (554, 976), (587, 1039), (623, 1111), (633, 1141), (635, 1147), (636, 1150), (797, 1399), (815, 1420), (829, 1435), (832, 1438), (836, 1450), (881, 1510), (908, 1555), (914, 1573), (918, 1582), (943, 1612), (1020, 1705), (1030, 1726), (1035, 1735), (1088, 1795), (1132, 1855), (1189, 1927), (1210, 1957), (1244, 2011), (1249, 2020), (1259, 2038), (1306, 2092),

Gene: Highbury_9 Start: 2474, Stop: 4144, Start Num: 301
Candidate Starts for Highbury_9:
(Start: 301 @2474 has 48 MA's), (344, 2537), (479, 2771), (548, 2873), (632, 3053), (641, 3077), (650, 3095), (663, 3107), (694, 3170), (698, 3182), (725, 3227), (734, 3242), (784, 3320), (811, 3365), (845, 3419), (851, 3425), (917, 3539), (946, 3587), (994, 3683), (1007, 3704), (1019, 3719), (1118, 3872), (1129, 3884), (1175, 3941), (1205, 3977), (1235, 4028), (1251, 4064), (1253, 4067), (1294, 4133),

Gene: Hilltopfarm_9 Start: 4704, Stop: 6329, Start Num: 141
Candidate Starts for Hilltopfarm_9:
(67, 4623), (77, 4638), (115, 4680), (Start: 141 @4704 has 6 MA's), (146, 4710), (292, 4878), (Start: 302 @4890 has 3 MA's), (312, 4902), (409, 5046), (452, 5142), (454, 5151), (510, 5229), (515, 5235), (573, 5292), (584, 5307), (625, 5397), (635, 5430), (636, 5433), (723, 5505), (759, 5562), (791, 5610), (804, 5631), (812, 5643), (823, 5655), (836, 5679), (853, 5703), (856, 5709), (896, 5766), (908, 5784), (977, 5886), (996, 5928), (1032, 5991), (1040, 6000), (1043, 6006), (1147, 6120), (1170, 6132), (1192, 6150), (1221, 6192), (1245, 6234), (1254, 6249),

Gene: Hippo_6 Start: 2376, Stop: 4022, Start Num: 75
Candidate Starts for Hippo_6:

(Start: 75 @2376 has 95 MA's), (Start: 92 @2394 has 10 MA's), (Start: 239 @2526 has 2 MA's), (325, 2598), (350, 2634), (462, 2814), (480, 2835), (515, 2880), (543, 2922), (582, 2994), (593, 3018), (638, 3117), (643, 3132), (663, 3156), (665, 3162), (786, 3330), (915, 3480), (927, 3501), (980, 3564), (992, 3591), (1064, 3699), (1096, 3738), (1112, 3759), (1116, 3765), (1130, 3783), (1217, 3879), (1251, 3939), (1300, 4017),

Gene: HippoHollow_13 Start: 9192, Stop: 10979, Start Num: 103
Candidate Starts for HippoHollow_13:
(Start: 103 @9192 has 278 MA's), (Start: 206 @9300 has 29 MA's), (226, 9321), (288, 9429), (309, 9453), (473, 9711), (476, 9714), (503, 9753), (558, 9822), (569, 9846), (593, 9912), (603, 9936), (663, 10053), (673, 10068), (992, 10554), (1007, 10581), (1026, 10602), (1096, 10698), (1269, 10935), (1290, 10962), (1292, 10965),

Gene: Hiraya_4 Start: 1069, Stop: 2637, Start Num: 149
Candidate Starts for Hiraya_4:
(Start: 149 @1069 has 70 MA's), (Start: 155 @1075 has 82 MA's), (271, 1231), (484, 1528), (488, 1534), (533, 1594), (582, 1666), (585, 1672), (591, 1693), (636, 1792), (659, 1840), (684, 1894), (700, 1918), (728, 1963), (733, 1969), (753, 1999), (757, 2005), (777, 2032), (782, 2041), (848, 2098), (855, 2104), (873, 2125), (876, 2131), (925, 2206), (927, 2209), (963, 2245), (990, 2290), (1031, 2356), (1093, 2431), (1114, 2449), (1118, 2458), (1241, 2605), (1252, 2629), (1254, 2632),

Gene: Hiro_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Hiro_8:
(Start: 104 @3156 has 125 MA's), (Start: 302 @3342 has 3 MA's), (350, 3414), (363, 3426), (379, 3450), (383, 3462), (489, 3630), (536, 3690), (569, 3747), (571, 3750), (593, 3798), (718, 4053), (729, 4071), (763, 4125), (892, 4269), (915, 4311), (936, 4344), (992, 4413), (1096, 4557), (1130, 4602), (1196, 4662), (1251, 4761), (1269, 4794), (1290, 4821), (1292, 4824), (1294, 4827),

Gene: Hitter_2 Start: 360, Stop: 1928, Start Num: 163
Candidate Starts for Hitter_2:
(59, 255), (Start: 163 @360 has 37 MA's), (251, 444), (269, 477), (313, 519), (Start: 324 @537 has 4 MA's), (334, 552), (362, 573), (377, 594), (396, 633), (431, 693), (451, 729), (454, 741), (491, 786), (498, 795), (522, 822), (577, 891), (584, 900), (630, 1005), (637, 1020), (642, 1035), (702, 1113), (736, 1164), (837, 1320), (869, 1359), (898, 1398), (914, 1431), (923, 1443), (963, 1488), (965, 1491), (968, 1497), (984, 1518), (989, 1527), (990, 1530), (1005, 1560), (1026, 1584), (1033, 1599), (1118, 1701), (1148, 1743), (1156, 1758), (1176, 1779), (1188, 1794), (1262, 1902), (1269, 1911), (1273, 1917),

Gene: Hlubikazi_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for Hlubikazi_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 184 @629 has 3 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (310, 758), (372, 845), (419, 905), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1112, 1946), (1130, 1964), (1140, 1979), (1176, 2006), (1202, 2039), (1214, 2060), (1219, 2066), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: Holex_13 Start: 8145, Stop: 9932, Start Num: 103
Candidate Starts for Holex_13:
(Start: 103 @8145 has 278 MA's), (Start: 117 @8160 has 12 MA's), (Start: 123 @8166 has 9 MA's), (Start: 231 @8277 has 26 MA's), (288, 8376), (406, 8538), (445, 8610), (476, 8664), (503, 8703), (558, 8775), (593, 8865), (603, 8889), (663, 9006), (673, 9021), (727, 9129), (776, 9204), (798, 9240), (837,

9300), (920, 9420), (936, 9441), (980, 9480), (1007, 9534), (1015, 9537), (1026, 9555), (1061, 9609), (1086, 9639), (1096, 9651), (1182, 9741), (1198, 9759), (1269, 9888), (1290, 9915), (1292, 9918),

Gene: Holli_11 Start: 6677, Stop: 8374, Start Num: 102
Candidate Starts for Holli_11:
(Start: 102 @6677 has 391 MA's), (Start: 126 @6701 has 206 MA's), (Start: 239 @6824 has 2 MA's), (339, 6914), (363, 6947), (426, 7046), (473, 7130), (476, 7133), (503, 7172), (558, 7241), (569, 7265), (593, 7331), (634, 7421), (720, 7586), (778, 7673), (798, 7706), (864, 7772), (913, 7844), (915, 7847), (928, 7871), (980, 7922), (988, 7937), (1007, 7976), (1026, 7997), (1096, 8093), (1269, 8330), (1292, 8360), (1294, 8363),

Gene: Holt_10 Start: 2580, Stop: 4250, Start Num: 301
Candidate Starts for Holt_10:
(Start: 301 @2580 has 48 MA's), (344, 2643), (479, 2877), (548, 2979), (632, 3159), (641, 3183), (650, 3201), (663, 3213), (694, 3276), (698, 3288), (725, 3333), (734, 3348), (784, 3426), (811, 3471), (845, 3525), (851, 3531), (917, 3645), (994, 3789), (1019, 3825), (1118, 3978), (1129, 3990), (1175, 4047), (1205, 4083), (1235, 4134), (1251, 4170), (1253, 4173), (1294, 4239),

Gene: HomeFry_30 Start: 11600, Stop: 13279, Start Num: 123
Candidate Starts for HomeFry_30:
(Start: 123 @11600 has 9 MA's), (129, 11606), (Start: 184 @11666 has 3 MA's), (Start: 231 @11711 has 26 MA's), (270, 11753), (319, 11810), (346, 11849), (361, 11879), (365, 11888), (482, 12059), (597, 12260), (612, 12287), (621, 12305), (695, 12455), (699, 12467), (716, 12500), (915, 12728), (937, 12761), (980, 12836), (996, 12875), (1005, 12887), (1007, 12890), (1038, 12932), (1061, 12965), (1084, 12998), (1094, 13010), (1202, 13115), (1246, 13184), (1261, 13214), (1287, 13256), (1297, 13271),

Gene: Homines_11 Start: 7026, Stop: 8714, Start Num: 102
Candidate Starts for Homines_11:
(Start: 102 @7026 has 391 MA's), (Start: 302 @7206 has 3 MA's), (363, 7290), (383, 7326), (406, 7353), (476, 7476), (500, 7509), (558, 7584), (593, 7674), (603, 7698), (621, 7725), (637, 7773), (679, 7842), (720, 7929), (760, 7989), (939, 8223), (952, 8235), (988, 8277), (995, 8298), (1020, 8325), (1096, 8433), (1182, 8523), (1246, 8628),

Gene: Honk_2 Start: 655, Stop: 2367, Start Num: 112
Candidate Starts for Honk_2:
(6, 301), (7, 313), (97, 640), (Start: 112 @655 has 1 MA's), (168, 676), (292, 796), (406, 952), (434, 1012), (462, 1063), (476, 1081), (543, 1180), (572, 1231), (685, 1468), (698, 1492), (855, 1690), (917, 1789), (988, 1882), (1007, 1921), (1096, 2038), (1106, 2053), (1144, 2107), (1196, 2182), (1251, 2278), (1256, 2290), (1300, 2356),

Gene: Hookmount_12 Start: 7044, Stop: 8741, Start Num: 102
Candidate Starts for Hookmount_12:
(Start: 102 @7044 has 391 MA's), (Start: 126 @7068 has 206 MA's), (363, 7314), (465, 7488), (476, 7500), (503, 7539), (518, 7551), (558, 7608), (569, 7632), (593, 7698), (596, 7707), (634, 7788), (646, 7821), (720, 7953), (729, 7965), (763, 8019), (778, 8040), (798, 8073), (855, 8127), (915, 8214), (928, 8238), (930, 8241), (936, 8247), (943, 8256), (988, 8304), (1007, 8343), (1015, 8346), (1026, 8364), (1096, 8460), (1134, 8514), (1253, 8667), (1269, 8697), (1292, 8727), (1294, 8730),

Gene: Hoonter_10 Start: 2509, Stop: 4179, Start Num: 301
Candidate Starts for Hoonter_10:
(Start: 301 @2509 has 48 MA's), (344, 2572), (479, 2806), (548, 2908), (632, 3088), (641, 3112), (650, 3130), (663, 3142), (694, 3205), (698, 3217), (725, 3262), (734, 3277), (784, 3355), (811, 3400), (845,

3454), (851, 3460), (917, 3574), (946, 3622), (994, 3718), (1007, 3739), (1019, 3754), (1118, 3907), (1129, 3919), (1175, 3976), (1205, 4012), (1235, 4063), (1251, 4099), (1253, 4102), (1294, 4168),

Gene: Hoot_15 Start: 7512, Stop: 9266, Start Num: 103
Candidate Starts for Hoot_15:
(Start: 103 @7512 has 278 MA's), (288, 7743), (325, 7794), (350, 7830), (406, 7905), (476, 8028), (503, 8067), (558, 8136), (569, 8160), (571, 8163), (593, 8226), (603, 8250), (646, 8349), (647, 8352), (671, 8379), (673, 8382), (864, 8667), (920, 8754), (928, 8766), (988, 8829), (1007, 8868), (1026, 8889), (1086, 8973), (1096, 8985), (1269, 9222), (1290, 9249), (1292, 9252),

Gene: Hope4ever_11 Start: 7128, Stop: 8816, Start Num: 102
Candidate Starts for Hope4ever_11:
(Start: 102 @7128 has 391 MA's), (363, 7392), (379, 7416), (476, 7578), (500, 7611), (558, 7686), (593, 7776), (603, 7800), (621, 7827), (637, 7875), (714, 8019), (720, 8031), (760, 8091), (930, 8316), (939, 8325), (952, 8337), (988, 8379), (995, 8400), (1020, 8427), (1096, 8535), (1182, 8625), (1246, 8730),

Gene: Hopey_9 Start: 2274, Stop: 3944, Start Num: 301
Candidate Starts for Hopey_9:
(Start: 301 @2274 has 48 MA's), (344, 2337), (479, 2571), (548, 2673), (632, 2853), (641, 2877), (650, 2895), (663, 2907), (694, 2970), (698, 2982), (725, 3027), (734, 3042), (784, 3120), (811, 3165), (845, 3219), (851, 3225), (917, 3339), (994, 3483), (1019, 3519), (1118, 3672), (1129, 3684), (1175, 3741), (1205, 3777), (1235, 3828), (1251, 3864), (1253, 3867), (1294, 3933),

Gene: Horacetta_3 Start: 1074, Stop: 2534, Start Num: 193
Candidate Starts for Horacetta_3:
(Start: 193 @1074 has 146 MA's), (Start: 198 @1080 has 6 MA's), (325, 1242), (330, 1251), (377, 1311), (415, 1380), (431, 1401), (455, 1452), (606, 1656), (744, 1869), (753, 1884), (777, 1920), (804, 1962), (832, 1995), (840, 2013), (923, 2133), (925, 2136), (936, 2148), (990, 2223), (1031, 2286), (1044, 2304), (1045, 2307), (1186, 2469), (1199, 2478), (1205, 2487), (1232, 2526),

Gene: HorseRider_2 Start: 351, Stop: 1808, Start Num: 182
Candidate Starts for HorseRider_2:
(Start: 182 @351 has 18 MA's), (189, 360), (Start: 194 @366 has 13 MA's), (418, 633), (454, 699), (596, 903), (629, 966), (789, 1191), (829, 1239), (864, 1287), (908, 1350), (912, 1359), (1024, 1518), (1061, 1569), (1069, 1581), (1114, 1644), (1126, 1662), (1199, 1755), (1205, 1764), (1227, 1797),

Gene: Horseradish_5 Start: 1017, Stop: 2696, Start Num: 176
Candidate Starts for Horseradish_5:
(Start: 176 @1017 has 83 MA's), (Start: 224 @1068 has 17 MA's), (237, 1089), (Start: 290 @1128 has 2 MA's), (350, 1215), (382, 1260), (394, 1281), (406, 1290), (443, 1362), (468, 1413), (476, 1422), (507, 1473), (572, 1572), (582, 1593), (596, 1626), (619, 1662), (687, 1806), (706, 1842), (729, 1881), (747, 1914), (778, 1962), (814, 2019), (863, 2052), (890, 2085), (917, 2151), (920, 2157), (971, 2223), (984, 2235), (988, 2241), (1038, 2322), (1112, 2418), (1170, 2466), (1222, 2541), (1265, 2622), (1311, 2682), (1313, 2685),

Gene: Hortense_2 Start: 318, Stop: 1901, Start Num: 134
Candidate Starts for Hortense_2:
(Start: 134 @318 has 105 MA's), (251, 426), (313, 504), (332, 537), (396, 618), (397, 621), (402, 630), (431, 666), (461, 726), (550, 816), (552, 819), (573, 855), (596, 912), (599, 921), (607, 936), (642, 1008), (647, 1020), (679, 1071), (736, 1137), (760, 1179), (837, 1293), (873, 1338), (876, 1344), (895, 1365), (950, 1455), (952, 1458), (986, 1500), (1003, 1536), (1005, 1539), (1031, 1575), (1044, 1593), (1078, 1629), (1120, 1680), (1164, 1743), (1200, 1785), (1228, 1827),

Gene: Hortihabitatio_16 Start: 9579, Stop: 11324, Start Num: 217
Candidate Starts for Hortihabitatio_16:
(Start: 217 @9579 has 209 MA's), (222, 9585), (280, 9672), (287, 9678), (315, 9714), (343, 9768), (357, 9801), (438, 9927), (504, 10053), (525, 10074), (561, 10143), (604, 10245), (628, 10302), (680, 10431), (728, 10530), (731, 10536), (748, 10566), (765, 10593), (804, 10659), (921, 10818), (940, 10845), (949, 10854), (982, 10896), (991, 10920), (1000, 10941), (1003, 10944), (1182, 11172), (1196, 11184), (1207, 11202), (1244, 11274), (1246, 11277),

Gene: HortumSL17_13 Start: 8109, Stop: 9896, Start Num: 103
Candidate Starts for HortumSL17_13:
(Start: 103 @8109 has 278 MA's), (Start: 117 @8124 has 12 MA's), (Start: 123 @8130 has 9 MA's), (Start: 231 @8241 has 26 MA's), (288, 8340), (406, 8502), (445, 8574), (476, 8628), (503, 8667), (558, 8739), (593, 8829), (603, 8853), (663, 8970), (673, 8985), (727, 9093), (776, 9168), (798, 9204), (837, 9264), (920, 9384), (936, 9405), (980, 9444), (1007, 9498), (1015, 9501), (1026, 9519), (1061, 9573), (1086, 9603), (1096, 9615), (1182, 9705), (1198, 9723), (1269, 9852), (1290, 9879), (1292, 9882),

Gene: Hoshi_8 Start: 3146, Stop: 4891, Start Num: 217
Candidate Starts for Hoshi_8:
(Start: 217 @3146 has 209 MA's), (252, 3200), (Start: 255 @3203 has 1 MA's), (280, 3239), (287, 3245), (430, 3479), (485, 3578), (504, 3620), (525, 3641), (547, 3683), (556, 3695), (596, 3794), (604, 3812), (621, 3848), (713, 4073), (728, 4097), (731, 4103), (804, 4226), (859, 4295), (940, 4412), (944, 4418), (967, 4439), (1000, 4508), (1003, 4511), (1038, 4562), (1101, 4649), (1146, 4715), (1182, 4739), (1196, 4751), (1207, 4769), (1244, 4841), (1246, 4844),

Gene: HotFries_6 Start: 2653, Stop: 4398, Start Num: 217
Candidate Starts for HotFries_6:
(Start: 217 @2653 has 209 MA's), (222, 2659), (252, 2707), (280, 2746), (287, 2752), (458, 3049), (504, 3127), (523, 3145), (525, 3148), (561, 3217), (580, 3250), (604, 3319), (616, 3343), (639, 3412), (680, 3505), (731, 3610), (804, 3733), (859, 3805), (967, 3946), (1000, 4015), (1003, 4018), (1101, 4156), (1161, 4225), (1182, 4246), (1184, 4249), (1196, 4258), (1207, 4276), (1226, 4306), (1244, 4348), (1246, 4351),

Gene: HotPotato_2 Start: 685, Stop: 2373, Start Num: 271
Candidate Starts for HotPotato_2:
(189, 574), (213, 601), (Start: 236 @625 has 15 MA's), (271, 685), (295, 718), (358, 820), (382, 859), (385, 865), (395, 883), (403, 898), (405, 901), (419, 919), (426, 931), (439, 961), (482, 1039), (498, 1063), (510, 1075), (536, 1114), (548, 1135), (567, 1168), (603, 1255), (605, 1261), (664, 1363), (691, 1420), (697, 1435), (723, 1474), (784, 1570), (907, 1747), (913, 1762), (924, 1786), (1041, 1996), (1056, 2020), (1064, 2038), (1088, 2068), (1098, 2083), (1129, 2125), (1150, 2152), (1177, 2176), (1185, 2185), (1251, 2290),

Gene: Houdini22_11 Start: 6888, Stop: 8585, Start Num: 102
Candidate Starts for Houdini22_11:
(Start: 102 @6888 has 391 MA's), (Start: 126 @6912 has 206 MA's), (Start: 239 @7035 has 2 MA's), (339, 7125), (363, 7158), (426, 7257), (473, 7341), (476, 7344), (503, 7383), (558, 7452), (569, 7476), (593, 7542), (634, 7632), (720, 7797), (778, 7884), (798, 7917), (864, 7983), (913, 8055), (915, 8058), (928, 8082), (980, 8133), (988, 8148), (1007, 8187), (1026, 8208), (1096, 8304), (1269, 8541), (1292, 8571), (1294, 8574),

Gene: Howe_2 Start: 318, Stop: 1901, Start Num: 134
Candidate Starts for Howe_2:

(Start: 134 @318 has 105 MA's), (251, 426), (313, 504), (332, 537), (396, 618), (397, 621), (402, 630), (431, 666), (461, 726), (550, 816), (552, 819), (573, 855), (596, 912), (599, 921), (607, 936), (642, 1008), (647, 1020), (679, 1071), (736, 1137), (760, 1179), (837, 1293), (873, 1338), (876, 1344), (895, 1365), (950, 1455), (952, 1458), (986, 1500), (1003, 1536), (1005, 1539), (1031, 1575), (1044, 1593), (1078, 1629), (1120, 1680), (1164, 1743), (1200, 1785), (1228, 1827),

Gene: HubbaBubba_22 Start: 9084, Stop: 10811, Start Num: 126
Candidate Starts for HubbaBubba_22:
(Start: 126 @9084 has 206 MA's), (270, 9234), (317, 9285), (361, 9360), (365, 9369), (425, 9492), (433, 9510), (597, 9792), (612, 9819), (695, 9987), (699, 9999), (798, 10110), (937, 10293), (996, 10407), (1007, 10422), (1084, 10530), (1219, 10674), (1246, 10716), (1261, 10746), (1287, 10788),

Gene: Huckleberry_2 Start: 426, Stop: 1991, Start Num: 155
Candidate Starts for Huckleberry_2:
(Start: 155 @426 has 82 MA's), (Start: 324 @636 has 4 MA's), (379, 696), (396, 732), (401, 741), (409, 756), (414, 762), (430, 780), (540, 942), (554, 963), (607, 1077), (636, 1137), (719, 1203), (740, 1236), (759, 1266), (768, 1281), (815, 1362), (880, 1440), (883, 1449), (953, 1557), (963, 1566), (977, 1593), (1020, 1647), (1044, 1689), (1126, 1755), (1222, 1857),

Gene: Huffy_9 Start: 3697, Stop: 5304, Start Num: 191
Candidate Starts for Huffy_9:
(Start: 119 @3619 has 3 MA's), (Start: 191 @3697 has 6 MA's), (379, 3925), (400, 3967), (443, 4030), (452, 4051), (554, 4189), (586, 4243), (625, 4327), (626, 4330), (627, 4333), (636, 4363), (803, 4570), (883, 4693), (930, 4780), (950, 4795), (963, 4810), (1002, 4873), (1050, 4942), (1080, 4984), (1132, 5059), (1133, 5062), (1169, 5095), (1222, 5161), (1251, 5212), (1310, 5290), (1316, 5296),

Gene: Hugley_2 Start: 498, Stop: 2222, Start Num: 206
Candidate Starts for Hugley_2:
(Start: 193 @483 has 146 MA's), (Start: 206 @498 has 29 MA's), (280, 588), (426, 804), (437, 828), (439, 834), (447, 852), (450, 858), (483, 915), (536, 987), (633, 1185), (655, 1227), (664, 1233), (702, 1317), (723, 1344), (793, 1455), (809, 1482), (926, 1659), (1092, 1932), (1094, 1935), (1098, 1941), (1115, 1962), (1141, 2001), (1177, 2049), (1185, 2058), (1205, 2082), (1226, 2100), (1253, 2157), (1295, 2214),

Gene: HuhtaEnerson15_9 Start: 6188, Stop: 7939, Start Num: 63
Candidate Starts for HuhtaEnerson15_9:
(Start: 53 @6161 has 20 MA's), (Start: 63 @6188 has 32 MA's), (114, 6257), (228, 6371), (Start: 231 @6377 has 26 MA's), (350, 6509), (406, 6584), (407, 6587), (426, 6620), (445, 6653), (521, 6761), (536, 6785), (558, 6818), (593, 6893), (613, 6938), (643, 7016), (646, 7022), (679, 7067), (763, 7220), (778, 7241), (915, 7415), (928, 7439), (930, 7442), (988, 7502), (992, 7514), (1007, 7541), (1026, 7562), (1086, 7646), (1096, 7658), (1269, 7895), (1294, 7928), (1299, 7934),

Gene: Hulk_3 Start: 1086, Stop: 2546, Start Num: 193
Candidate Starts for Hulk_3:
(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (669, 1803), (744, 1881), (753, 1896), (777, 1932), (804, 1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1038, 2307), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: HunterDalle_2 Start: 429, Stop: 1994, Start Num: 155
Candidate Starts for HunterDalle_2:

(Start: 155 @429 has 82 MA's), (Start: 297 @600 has 2 MA's), (374, 693), (404, 750), (409, 759), (430, 783), (455, 837), (554, 966), (607, 1080), (636, 1140), (647, 1170), (759, 1269), (768, 1284), (883, 1452), (923, 1527), (925, 1530), (953, 1560), (1015, 1644), (1044, 1692), (1096, 1716), (1182, 1806), (1222, 1860), (1272, 1941), (1308, 1980),

Gene: Huntingdon_5 Start: 3080, Stop: 4645, Start Num: 155
Candidate Starts for Huntingdon_5:
(Start: 155 @3080 has 82 MA's), (Start: 300 @3254 has 12 MA's), (Start: 324 @3290 has 4 MA's), (374, 3344), (396, 3386), (409, 3410), (489, 3536), (573, 3650), (584, 3665), (586, 3671), (607, 3731), (636, 3791), (719, 3857), (740, 3890), (759, 3920), (768, 3935), (786, 3968), (797, 3983), (815, 4016), (883, 4103), (1030, 4322), (1044, 4343), (1093, 4364), (1141, 4433), (1222, 4511), (1244, 4550), (1264, 4580), (1272, 4592), (1308, 4631), (1315, 4640),

Gene: Huphlepuff_37 Start: 10925, Stop: 12667, Start Num: 176
Candidate Starts for Huphlepuff_37:
(Start: 176 @10925 has 83 MA's), (292, 11042), (325, 11087), (354, 11153), (358, 11168), (379, 11201), (380, 11204), (388, 11219), (407, 11243), (409, 11246), (426, 11276), (436, 11297), (443, 11315), (447, 11324), (463, 11360), (476, 11375), (507, 11420), (543, 11462), (565, 11501), (572, 11513), (582, 11534), (604, 11585), (621, 11606), (747, 11828), (814, 11933), (821, 11942), (871, 11975), (890, 11996), (892, 11999), (908, 12026), (915, 12056), (920, 12068), (930, 12083), (939, 12092), (943, 12098), (971, 12140), (983, 12149), (990, 12164), (995, 12179), (1038, 12239), (1061, 12278), (1089, 12311), (1112, 12341), (1115, 12344), (1163, 12428), (1196, 12482), (1205, 12497), (1224, 12524), (1251, 12578), (1309, 12650), (1311, 12653),

Gene: Hutc2_12 Start: 8027, Stop: 9790, Start Num: 103
Candidate Starts for Hutc2_12:
(Start: 103 @8027 has 278 MA's), (Start: 123 @8048 has 9 MA's), (Start: 206 @8135 has 29 MA's), (288, 8264), (309, 8288), (350, 8351), (445, 8495), (473, 8546), (476, 8549), (558, 8660), (569, 8684), (571, 8687), (593, 8750), (596, 8759), (603, 8774), (663, 8891), (673, 8906), (701, 8966), (751, 9050), (864, 9191), (920, 9278), (928, 9290), (980, 9338), (988, 9353), (1007, 9392), (1026, 9413), (1049, 9452), (1086, 9497), (1096, 9509), (1269, 9746), (1290, 9773),

Gene: Huxley_11 Start: 6948, Stop: 8645, Start Num: 102
Candidate Starts for Huxley_11:
(Start: 102 @6948 has 391 MA's), (Start: 126 @6972 has 206 MA's), (Start: 239 @7095 has 2 MA's), (339, 7185), (363, 7218), (426, 7317), (473, 7401), (476, 7404), (503, 7443), (558, 7512), (569, 7536), (593, 7602), (634, 7692), (720, 7857), (778, 7944), (798, 7977), (864, 8043), (913, 8115), (915, 8118), (928, 8142), (980, 8193), (988, 8208), (1007, 8247), (1026, 8268), (1096, 8364), (1269, 8601), (1292, 8631), (1294, 8634),

Gene: Hydra_8 Start: 2939, Stop: 4585, Start Num: 75
Candidate Starts for Hydra_8:
(Start: 75 @2939 has 95 MA's), (Start: 92 @2957 has 10 MA's), (325, 3161), (382, 3242), (462, 3377), (480, 3398), (543, 3485), (582, 3557), (593, 3581), (638, 3680), (673, 3734), (751, 3833), (786, 3893), (920, 4055), (927, 4064), (992, 4154), (1007, 4181), (1062, 4259), (1064, 4262), (1096, 4301), (1112, 4322), (1116, 4328), (1130, 4346), (1217, 4442), (1251, 4502),

Gene: Hydrus_16 Start: 9487, Stop: 11232, Start Num: 217
Candidate Starts for Hydrus_16:
(Start: 217 @9487 has 209 MA's), (222, 9493), (287, 9586), (315, 9622), (343, 9676), (446, 9853), (504, 9961), (523, 9979), (525, 9982), (561, 10051), (596, 10135), (604, 10153), (628, 10210), (660, 10291), (680, 10339), (728, 10438), (731, 10444), (761, 10495), (765, 10501), (791, 10543), (804, 10567), (949, 10762), (982, 10804), (991, 10828), (1000, 10849), (1003, 10852), (1131, 11032), (1179,

11077), (1182, 11080), (1196, 11092), (1244, 11182), (1246, 11185),

Gene: Hyzer_2 Start: 498, Stop: 2222, Start Num: 206
Candidate Starts for Hyzer_2:
(Start: 193 @483 has 146 MA's), (Start: 206 @498 has 29 MA's), (280, 588), (356, 702), (363, 714), (403, 771), (426, 804), (437, 828), (439, 834), (450, 858), (452, 864), (483, 915), (536, 987), (633, 1185), (655, 1227), (664, 1233), (702, 1317), (704, 1320), (723, 1344), (746, 1377), (784, 1440), (793, 1455), (809, 1482), (917, 1641), (926, 1659), (1092, 1932), (1094, 1935), (1098, 1941), (1115, 1962), (1137, 1995), (1141, 2001), (1177, 2049), (1185, 2058), (1205, 2082), (1226, 2100), (1253, 2157), (1295, 2214),

Gene: IAmGroot_2 Start: 501, Stop: 2183, Start Num: 100
Candidate Starts for IAmGroot_2:
(Start: 100 @501 has 15 MA's), (Start: 184 @555 has 3 MA's), (406, 798), (434, 852), (476, 921), (500, 957), (699, 1317), (1096, 1857), (1256, 2109),

Gene: ICleared_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for ICleared_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: IDyn_25 Start: 10480, Stop: 12207, Start Num: 126
Candidate Starts for IDyn_25:
(Start: 126 @10480 has 206 MA's), (270, 10630), (317, 10681), (346, 10726), (361, 10756), (365, 10765), (425, 10888), (433, 10906), (597, 11188), (612, 11215), (695, 11383), (699, 11395), (798, 11506), (937, 11689), (996, 11803), (1007, 11818), (1031, 11851), (1084, 11926), (1219, 12070), (1246, 12112), (1261, 12142), (1287, 12184),

Gene: ILeeKay_13 Start: 7180, Stop: 8868, Start Num: 102
Candidate Starts for ILeeKay_13:
(Start: 102 @7180 has 391 MA's), (363, 7444), (379, 7468), (476, 7630), (500, 7663), (558, 7738), (584, 7792), (593, 7828), (603, 7852), (621, 7879), (637, 7927), (679, 7996), (720, 8083), (760, 8143), (939, 8377), (952, 8389), (988, 8431), (995, 8452), (1020, 8479), (1096, 8587), (1182, 8677), (1246, 8782),

Gene: IMpilo_2 Start: 588, Stop: 2225, Start Num: 126
Candidate Starts for IMpilo_2:
(Start: 126 @588 has 206 MA's), (Start: 130 @594 has 2 MA's), (Start: 139 @603 has 1 MA's), (Start: 147 @612 has 3 MA's), (153, 618), (Start: 184 @645 has 3 MA's), (Start: 217 @669 has 209 MA's), (Start: 219 @672 has 2 MA's), (271, 735), (291, 753), (310, 774), (372, 861), (375, 867), (419, 921), (433, 933), (442, 945), (445, 954), (447, 957), (454, 978), (467, 999), (482, 1014), (519, 1071), (543, 1110), (580, 1179), (584, 1185), (597, 1215), (598, 1218), (603, 1227), (612, 1242), (621, 1260), (638, 1311), (695, 1413), (845, 1584), (859, 1596), (872, 1614), (915, 1680), (934, 1710), (937, 1713), (940, 1716), (988, 1773), (993, 1788), (995, 1794), (996, 1797), (1007, 1812), (1020, 1821), (1062, 1890), (1082, 1920), (1084, 1929), (1112, 1962), (1140, 1995), (1176, 2022), (1202, 2055), (1219, 2082), (1222, 2085), (1235, 2106), (1246, 2130), (1251, 2139), (1253, 2142), (1284, 2199),

Gene: IPhane7_14 Start: 4719, Stop: 6263, Start Num: 181
Candidate Starts for IPhane7_14:

(Start: 181 @4719 has 21 MA's), (223, 4767), (377, 4968), (454, 5106), (595, 5298), (700, 5508), (733, 5559), (782, 5631), (873, 5694), (893, 5718), (902, 5733), (939, 5793), (953, 5805), (988, 5865), (1003, 5898), (1028, 5931), (1045, 5958), (1090, 6006), (1228, 6192), (1241, 6213),

Gene: IUFootball_2 Start: 532, Stop: 2271, Start Num: 101
Candidate Starts for IUFootball_2:
(Start: 101 @532 has 50 MA's), (159, 592), (170, 601), (Start: 224 @655 has 17 MA's), (339, 778), (429, 916), (434, 928), (450, 952), (476, 997), (512, 1045), (572, 1138), (619, 1237), (621, 1240), (640, 1297), (698, 1399), (699, 1402), (763, 1468), (800, 1525), (848, 1594), (930, 1714), (1064, 1906), (1096, 1942), (1106, 1957), (1217, 2122), (1256, 2194), (1265, 2209), (1267, 2212), (1298, 2257),

Gene: IbOuu_2 Start: 571, Stop: 2208, Start Num: 126
Candidate Starts for IbOuu_2:
(Start: 126 @571 has 206 MA's), (133, 580), (Start: 147 @595 has 3 MA's), (Start: 217 @652 has 209 MA's), (Start: 219 @655 has 2 MA's), (271, 718), (310, 757), (372, 844), (419, 904), (433, 916), (442, 928), (445, 937), (447, 940), (454, 961), (467, 982), (519, 1054), (543, 1093), (580, 1162), (584, 1168), (597, 1198), (598, 1201), (603, 1210), (612, 1225), (621, 1243), (638, 1294), (689, 1387), (695, 1396), (845, 1567), (859, 1579), (915, 1663), (934, 1693), (937, 1696), (940, 1699), (988, 1756), (993, 1771), (995, 1777), (996, 1780), (1007, 1795), (1020, 1804), (1062, 1873), (1082, 1903), (1084, 1912), (1112, 1945), (1140, 1978), (1176, 2005), (1202, 2038), (1222, 2068), (1235, 2089), (1246, 2113), (1251, 2122), (1253, 2125), (1284, 2182),

Gene: Ibhubesi_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for Ibhubesi_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 184 @629 has 3 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (372, 845), (419, 905), (433, 917), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (689, 1388), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1130, 1964), (1140, 1979), (1176, 2006), (1202, 2039), (1214, 2060), (1219, 2066), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: Ibrahim_3 Start: 724, Stop: 2607, Start Num: 96
Candidate Starts for Ibrahim_3:
(16, 475), (Start: 96 @724 has 7 MA's), (177, 805), (Start: 182 @814 has 18 MA's), (257, 910), (260, 922), (350, 1054), (447, 1201), (450, 1207), (462, 1234), (476, 1252), (528, 1315), (597, 1450), (693, 1651), (739, 1708), (917, 1927), (963, 1978), (973, 2002), (996, 2053), (1067, 2182), (1089, 2221), (1096, 2230), (1126, 2281), (1149, 2320), (1184, 2407), (1196, 2419), (1249, 2512), (1256, 2527), (1257, 2530),

Gene: Icarian_4 Start: 949, Stop: 2574, Start Num: 211
Candidate Starts for Icarian_4:
(Start: 211 @949 has 88 MA's), (330, 1105), (381, 1159), (409, 1213), (426, 1228), (459, 1297), (491, 1342), (554, 1396), (585, 1447), (586, 1450), (607, 1510), (622, 1528), (623, 1531), (632, 1558), (642, 1588), (744, 1750), (898, 1966), (949, 2041), (962, 2053), (1196, 2368), (1222, 2407),

Gene: IceWarrior_8 Start: 3146, Stop: 4891, Start Num: 217
Candidate Starts for IceWarrior_8:
(Start: 217 @3146 has 209 MA's), (252, 3200), (Start: 255 @3203 has 1 MA's), (280, 3239), (287, 3245), (430, 3479), (485, 3578), (504, 3620), (525, 3641), (547, 3683), (556, 3695), (596, 3794), (604, 3812), (621, 3848), (713, 4073), (728, 4097), (731, 4103), (804, 4226), (859, 4295), (940, 4412), (944,

4418), (967, 4439), (1000, 4508), (1003, 4511), (1038, 4562), (1101, 4649), (1146, 4715), (1182, 4739), (1196, 4751), (1207, 4769), (1244, 4841), (1246, 4844),

Gene: Iceman_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Iceman_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Ichabod_12 Start: 7032, Stop: 8720, Start Num: 102
Candidate Starts for Ichabod_12:
(Start: 102 @7032 has 391 MA's), (363, 7296), (379, 7320), (476, 7482), (500, 7515), (558, 7590), (593, 7680), (603, 7704), (637, 7779), (679, 7848), (720, 7935), (727, 7944), (760, 7995), (939, 8229), (952, 8241), (988, 8283), (995, 8304), (1020, 8331), (1096, 8439), (1182, 8529), (1246, 8634),

Gene: Ichiang_4 Start: 1613, Stop: 3313, Start Num: 197
Candidate Starts for Ichiang_4:
(145, 1556), (Start: 180 @1592 has 11 MA's), (Start: 197 @1613 has 23 MA's), (253, 1688), (282, 1736), (Start: 300 @1757 has 12 MA's), (330, 1805), (377, 1850), (379, 1853), (400, 1895), (409, 1913), (412, 1916), (414, 1919), (491, 2042), (510, 2066), (554, 2096), (586, 2150), (607, 2210), (635, 2267), (636, 2270), (643, 2291), (768, 2522), (815, 2588), (829, 2603), (914, 2774), (953, 2822), (963, 2831), (986, 2873), (1015, 2906), (1038, 2945), (1096, 2987), (1182, 3077), (1203, 3104), (1205, 3107), (1208, 3113), (1222, 3134), (1246, 3176), (1292, 3254), (1318, 3302),

Gene: Idleandcovert_11 Start: 6496, Stop: 8193, Start Num: 102
Candidate Starts for Idleandcovert_11:
(Start: 102 @6496 has 391 MA's), (Start: 126 @6520 has 206 MA's), (174, 6568), (363, 6766), (406, 6829), (465, 6940), (476, 6952), (503, 6991), (518, 7003), (558, 7060), (569, 7084), (593, 7150), (596, 7159), (634, 7240), (643, 7267), (720, 7405), (778, 7492), (798, 7525), (864, 7591), (915, 7666), (928, 7690), (930, 7693), (936, 7699), (943, 7708), (980, 7741), (988, 7756), (1026, 7816), (1096, 7912), (1130, 7957), (1134, 7966), (1253, 8119), (1269, 8149), (1292, 8179), (1294, 8182),

Gene: IgnatiusPatJac_10 Start: 7006, Stop: 8694, Start Num: 102
Candidate Starts for IgnatiusPatJac_10:
(Start: 102 @7006 has 391 MA's), (Start: 302 @7186 has 3 MA's), (363, 7270), (379, 7294), (476, 7456), (500, 7489), (558, 7564), (593, 7654), (603, 7678), (621, 7705), (637, 7753), (720, 7909), (760, 7969), (930, 8194), (939, 8203), (952, 8215), (988, 8257), (995, 8278), (1020, 8305), (1096, 8413), (1182, 8503), (1246, 8608),

Gene: Imbriano_15 Start: 7533, Stop: 9287, Start Num: 103
Candidate Starts for Imbriano_15:
(Start: 103 @7533 has 278 MA's), (288, 7764), (325, 7815), (350, 7851), (406, 7926), (476, 8049), (503, 8088), (558, 8157), (569, 8181), (571, 8184), (593, 8247), (603, 8271), (646, 8370), (647, 8373), (671, 8400), (673, 8403), (864, 8688), (920, 8775), (928, 8787), (988, 8850), (1007, 8889), (1026, 8910), (1086, 8994), (1096, 9006), (1269, 9243), (1290, 9270), (1292, 9273),

Gene: Immaculata_5 Start: 3127, Stop: 4692, Start Num: 155
Candidate Starts for Immaculata_5:
(Start: 155 @3127 has 82 MA's), (Start: 324 @3337 has 4 MA's), (374, 3391), (409, 3457), (430, 3481), (573, 3697), (584, 3712), (586, 3718), (607, 3778), (636, 3838), (740, 3937), (759, 3967), (768, 3982), (815, 4063), (880, 4141), (883, 4150), (905, 4186), (923, 4225), (953, 4258), (963, 4267), (977, 4294),

(1020, 4348), (1044, 4390), (1093, 4411), (1111, 4435), (1126, 4456), (1141, 4480), (1222, 4558), (1308, 4678),

Gene: Impisi_2 Start: 509, Stop: 2044, Start Num: 231
Candidate Starts for Impisi_2:
(Start: 231 @509 has 26 MA's), (Start: 234 @512 has 29 MA's), (Start: 245 @527 has 1 MA's), (282, 584), (Start: 297 @602 has 2 MA's), (309, 614), (323, 635), (Start: 324 @638 has 4 MA's), (368, 686), (390, 722), (400, 743), (443, 806), (508, 926), (573, 1010), (601, 1076), (636, 1148), (637, 1151), (641, 1163), (713, 1289), (728, 1313), (769, 1376), (830, 1460), (873, 1517), (886, 1532), (930, 1607), (943, 1625), (1047, 1769), (1079, 1790), (1098, 1823), (1109, 1838), (1134, 1874), (1205, 1952), (1207, 1955), (1210, 1961),

Gene: Inca_8 Start: 1976, Stop: 3646, Start Num: 296
Candidate Starts for Inca_8:
(Start: 296 @1976 has 11 MA's), (479, 2273), (548, 2375), (632, 2555), (641, 2579), (650, 2597), (663, 2609), (694, 2672), (725, 2729), (734, 2744), (784, 2822), (811, 2867), (845, 2921), (851, 2927), (917, 3041), (946, 3089), (994, 3185), (1019, 3221), (1118, 3374), (1129, 3386), (1175, 3443), (1205, 3479), (1235, 3530), (1251, 3566), (1253, 3569), (1294, 3635),

Gene: Indigenous_8 Start: 3146, Stop: 4891, Start Num: 217
Candidate Starts for Indigenous_8:
(Start: 217 @3146 has 209 MA's), (252, 3200), (Start: 255 @3203 has 1 MA's), (280, 3239), (287, 3245), (430, 3479), (485, 3578), (504, 3620), (525, 3641), (547, 3683), (556, 3695), (596, 3794), (604, 3812), (621, 3848), (713, 4073), (728, 4097), (731, 4103), (804, 4226), (859, 4295), (940, 4412), (944, 4418), (967, 4439), (1000, 4508), (1003, 4511), (1038, 4562), (1101, 4649), (1146, 4715), (1182, 4739), (1196, 4751), (1207, 4769), (1244, 4841), (1246, 4844),

Gene: Indigo_6 Start: 2402, Stop: 4048, Start Num: 75
Candidate Starts for Indigo_6:
(Start: 75 @2402 has 95 MA's), (Start: 92 @2420 has 10 MA's), (325, 2624), (382, 2705), (462, 2840), (480, 2861), (543, 2948), (582, 3020), (593, 3044), (638, 3143), (673, 3197), (751, 3296), (786, 3356), (920, 3518), (927, 3527), (992, 3617), (1007, 3644), (1062, 3722), (1064, 3725), (1096, 3764), (1112, 3785), (1116, 3791), (1130, 3809), (1217, 3905), (1251, 3965),

Gene: Indra_15 Start: 7533, Stop: 9287, Start Num: 103
Candidate Starts for Indra_15:
(Start: 103 @7533 has 278 MA's), (Start: 231 @7665 has 26 MA's), (288, 7764), (309, 7788), (325, 7815), (350, 7851), (406, 7926), (476, 8049), (489, 8064), (503, 8088), (558, 8157), (569, 8181), (571, 8184), (593, 8247), (603, 8271), (671, 8400), (673, 8403), (729, 8514), (855, 8676), (915, 8763), (920, 8775), (928, 8787), (980, 8835), (988, 8850), (1007, 8889), (1026, 8910), (1086, 8994), (1096, 9006), (1269, 9243), (1290, 9270), (1292, 9273),

Gene: IndyLu_3 Start: 768, Stop: 2396, Start Num: 211
Candidate Starts for IndyLu_3:
(Start: 211 @768 has 88 MA's), (330, 924), (409, 1032), (443, 1077), (459, 1116), (489, 1158), (554, 1215), (585, 1266), (586, 1269), (607, 1329), (622, 1347), (632, 1377), (642, 1407), (963, 1878), (1030, 1980), (1222, 2229), (1249, 2277), (1261, 2301), (1304, 2346),

Gene: Ingrid_7 Start: 3620, Stop: 5359, Start Num: 217
Candidate Starts for Ingrid_7:
(Start: 217 @3620 has 209 MA's), (287, 3719), (353, 3839), (426, 3938), (446, 3980), (458, 4010), (504, 4088), (525, 4109), (580, 4211), (604, 4280), (636, 4361), (680, 4466), (713, 4541), (728, 4565), (791, 4670), (804, 4694), (868, 4775), (897, 4823), (949, 4889), (967, 4907), (1000, 4976), (1146,

5183), (1182, 5207), (1196, 5219), (1244, 5309), (1246, 5312),

Gene: Inked_8 Start: 3794, Stop: 5533, Start Num: 217
Candidate Starts for Inked_8:
(Start: 217 @3794 has 209 MA's), (287, 3893), (353, 4013), (426, 4112), (446, 4154), (458, 4184), (504, 4262), (525, 4283), (580, 4385), (604, 4454), (616, 4478), (680, 4640), (713, 4715), (728, 4739), (791, 4844), (804, 4868), (868, 4949), (897, 4997), (949, 5063), (967, 5081), (970, 5087), (1000, 5150), (1003, 5153), (1146, 5357), (1182, 5381), (1196, 5393), (1244, 5483), (1246, 5486),

Gene: Insomnia_12 Start: 8076, Stop: 9839, Start Num: 103
Candidate Starts for Insomnia_12:
(40, 7956), (Start: 103 @8076 has 278 MA's), (Start: 123 @8097 has 9 MA's), (Start: 206 @8184 has 29 MA's), (288, 8313), (309, 8337), (350, 8400), (445, 8544), (473, 8595), (476, 8598), (558, 8709), (569, 8733), (571, 8736), (593, 8799), (596, 8808), (603, 8823), (663, 8940), (673, 8955), (701, 9015), (751, 9099), (920, 9327), (928, 9339), (980, 9387), (988, 9402), (1007, 9441), (1026, 9462), (1049, 9501), (1086, 9546), (1096, 9558), (1269, 9795), (1290, 9822),

Gene: Invectra_3 Start: 820, Stop: 2379, Start Num: 134
Candidate Starts for Invectra_3:
(86, 760), (Start: 134 @820 has 105 MA's), (251, 928), (313, 1006), (332, 1039), (396, 1120), (397, 1123), (402, 1132), (431, 1168), (550, 1318), (552, 1321), (573, 1357), (596, 1414), (599, 1423), (607, 1438), (642, 1510), (647, 1522), (679, 1573), (736, 1639), (760, 1681), (806, 1750), (810, 1756), (837, 1795), (855, 1816), (876, 1846), (895, 1867), (918, 1912), (950, 1948), (952, 1951), (986, 1993), (1078, 2122), (1120, 2173), (1214, 2302), (1266, 2362),

Gene: Inventum_2 Start: 571, Stop: 2208, Start Num: 126
Candidate Starts for Inventum_2:
(Start: 126 @571 has 206 MA's), (133, 580), (Start: 147 @595 has 3 MA's), (Start: 217 @652 has 209 MA's), (Start: 219 @655 has 2 MA's), (271, 718), (310, 757), (372, 844), (419, 904), (433, 916), (442, 928), (445, 937), (447, 940), (454, 961), (467, 982), (519, 1054), (543, 1093), (580, 1162), (584, 1168), (597, 1198), (598, 1201), (603, 1210), (612, 1225), (621, 1243), (638, 1294), (689, 1387), (695, 1396), (845, 1567), (859, 1579), (915, 1663), (934, 1693), (937, 1696), (940, 1699), (988, 1756), (993, 1771), (995, 1777), (996, 1780), (1007, 1795), (1020, 1804), (1062, 1873), (1082, 1903), (1084, 1912), (1112, 1945), (1140, 1978), (1176, 2005), (1202, 2038), (1222, 2068), (1235, 2089), (1246, 2113), (1251, 2122), (1253, 2125), (1284, 2182),

Gene: Inyanga_10 Start: 6795, Stop: 8483, Start Num: 102
Candidate Starts for Inyanga_10:
(Start: 102 @6795 has 391 MA's), (363, 7059), (379, 7083), (476, 7245), (500, 7278), (558, 7353), (593, 7443), (603, 7467), (621, 7494), (637, 7542), (679, 7611), (714, 7686), (720, 7698), (727, 7707), (760, 7758), (939, 7992), (952, 8004), (988, 8046), (995, 8067), (1020, 8094), (1096, 8202), (1182, 8292), (1246, 8397),

Gene: Iqorha_10 Start: 6795, Stop: 8483, Start Num: 102
Candidate Starts for Iqorha_10:
(Start: 102 @6795 has 391 MA's), (Start: 302 @6975 has 3 MA's), (363, 7059), (383, 7095), (406, 7122), (476, 7245), (500, 7278), (558, 7353), (593, 7443), (603, 7467), (621, 7494), (637, 7542), (679, 7611), (714, 7686), (720, 7698), (727, 7707), (760, 7758), (930, 7983), (939, 7992), (952, 8004), (988, 8046), (995, 8067), (1020, 8094), (1096, 8202), (1182, 8292), (1246, 8397),

Gene: Iracema64_11 Start: 6861, Stop: 8558, Start Num: 102
Candidate Starts for Iracema64_11:

(Start: 102 @6861 has 391 MA's), (Start: 126 @6885 has 206 MA's), (Start: 239 @7008 has 2 MA's), (339, 7098), (363, 7131), (426, 7230), (473, 7314), (476, 7317), (503, 7356), (558, 7425), (569, 7449), (593, 7515), (634, 7605), (720, 7770), (778, 7857), (798, 7890), (864, 7956), (913, 8028), (915, 8031), (928, 8055), (980, 8106), (988, 8121), (1007, 8160), (1026, 8181), (1096, 8277), (1269, 8514), (1292, 8544), (1294, 8547),

Gene: IrishSherpFalk_2 Start: 575, Stop: 2212, Start Num: 126
Candidate Starts for IrishSherpFalk_2:
(Start: 126 @575 has 206 MA's), (133, 584), (Start: 147 @599 has 3 MA's), (Start: 176 @620 has 83 MA's), (Start: 184 @632 has 3 MA's), (Start: 217 @656 has 209 MA's), (Start: 219 @659 has 2 MA's), (Start: 231 @677 has 26 MA's), (271, 722), (310, 761), (372, 848), (419, 908), (433, 920), (442, 932), (445, 941), (447, 944), (454, 965), (467, 986), (482, 1001), (519, 1058), (543, 1097), (580, 1166), (584, 1172), (597, 1202), (598, 1205), (603, 1214), (612, 1229), (621, 1247), (638, 1298), (689, 1391), (695, 1400), (845, 1571), (859, 1583), (872, 1601), (915, 1667), (934, 1697), (937, 1700), (940, 1703), (988, 1760), (993, 1775), (995, 1781), (996, 1784), (1007, 1799), (1020, 1808), (1062, 1877), (1082, 1907), (1084, 1916), (1112, 1949), (1140, 1982), (1176, 2009), (1202, 2042), (1219, 2069), (1222, 2072), (1235, 2093), (1246, 2117), (1251, 2126), (1253, 2129), (1284, 2186),

Gene: IronMan_14 Start: 9160, Stop: 10938, Start Num: 103
Candidate Starts for IronMan_14:
(Start: 103 @9160 has 278 MA's), (Start: 123 @9178 has 9 MA's), (Start: 231 @9289 has 26 MA's), (Start: 239 @9301 has 2 MA's), (260, 9343), (266, 9355), (271, 9364), (288, 9388), (350, 9475), (473, 9670), (476, 9673), (503, 9712), (558, 9781), (593, 9871), (603, 9895), (646, 9994), (673, 10027), (857, 10327), (915, 10414), (992, 10513), (1007, 10540), (1026, 10561), (1096, 10657), (1269, 10894), (1290, 10921), (1292, 10924),

Gene: IsHungry_6 Start: 1935, Stop: 3632, Start Num: 197
Candidate Starts for IsHungry_6:
(98, 1818), (Start: 128 @1854 has 3 MA's), (143, 1872), (171, 1902), (Start: 197 @1935 has 23 MA's), (282, 2055), (Start: 300 @2076 has 12 MA's), (312, 2091), (330, 2124), (374, 2166), (377, 2169), (400, 2214), (409, 2232), (412, 2235), (455, 2310), (491, 2361), (554, 2415), (586, 2469), (607, 2529), (643, 2610), (680, 2685), (815, 2907), (829, 2922), (844, 2949), (873, 2988), (876, 2994), (879, 3000), (904, 3060), (914, 3093), (963, 3150), (986, 3192), (1015, 3225), (1038, 3264), (1096, 3306), (1203, 3423), (1208, 3432), (1242, 3483), (1246, 3495), (1292, 3573), (1318, 3621),

Gene: Isca_11 Start: 6368, Stop: 8065, Start Num: 102
Candidate Starts for Isca_11:
(Start: 102 @6368 has 391 MA's), (174, 6440), (363, 6638), (406, 6701), (465, 6812), (476, 6824), (503, 6863), (518, 6875), (558, 6932), (569, 6956), (593, 7022), (596, 7031), (634, 7112), (643, 7139), (720, 7277), (763, 7343), (778, 7364), (798, 7397), (864, 7463), (915, 7538), (928, 7562), (936, 7571), (943, 7580), (988, 7628), (1007, 7667), (1026, 7688), (1096, 7784), (1130, 7829), (1134, 7838), (1253, 7991), (1269, 8021), (1292, 8051), (1294, 8054),

Gene: Isiphiwo_15 Start: 7523, Stop: 9277, Start Num: 103
Candidate Starts for Isiphiwo_15:
(Start: 103 @7523 has 278 MA's), (288, 7754), (325, 7805), (350, 7841), (406, 7916), (476, 8039), (503, 8078), (558, 8147), (569, 8171), (571, 8174), (593, 8237), (603, 8261), (646, 8360), (647, 8363), (671, 8390), (673, 8393), (864, 8678), (920, 8765), (928, 8777), (988, 8840), (1007, 8879), (1026, 8900), (1086, 8984), (1096, 8996), (1269, 9233), (1290, 9260), (1292, 9263),

Gene: Island3_2 Start: 522, Stop: 2081, Start Num: 138
Candidate Starts for Island3_2:

(Start: 138 @522 has 6 MA's), (Start: 231 @612 has 26 MA's), (327, 699), (364, 756), (399, 819), (433, 870), (467, 936), (475, 945), (519, 1017), (536, 1041), (544, 1053), (593, 1161), (597, 1173), (598, 1176), (619, 1215), (627, 1233), (699, 1380), (747, 1422), (807, 1506), (824, 1527), (850, 1551), (894, 1590), (936, 1668), (938, 1671), (951, 1683), (958, 1701), (1026, 1818), (1027, 1821), (1074, 1887), (1097, 1920), (1190, 2001), (1212, 2034),

Gene: Issa_7 Start: 3549, Stop: 5288, Start Num: 217
Candidate Starts for Issa_7:
(Start: 217 @3549 has 209 MA's), (287, 3648), (353, 3768), (426, 3867), (446, 3909), (458, 3939), (482, 3969), (504, 4017), (525, 4038), (580, 4140), (604, 4209), (616, 4233), (647, 4323), (680, 4395), (713, 4470), (728, 4494), (791, 4599), (804, 4623), (868, 4704), (897, 4752), (949, 4818), (967, 4836), (970, 4842), (1000, 4905), (1003, 4908), (1136, 5097), (1146, 5112), (1161, 5115), (1182, 5136), (1196, 5148), (1244, 5238), (1246, 5241),

Gene: Issmi_7 Start: 2454, Stop: 4100, Start Num: 75
Candidate Starts for Issmi_7:
(Start: 75 @2454 has 95 MA's), (350, 2712), (363, 2724), (382, 2757), (450, 2865), (462, 2892), (480, 2913), (543, 3000), (582, 3072), (593, 3096), (638, 3195), (749, 3345), (786, 3408), (800, 3426), (915, 3558), (917, 3564), (927, 3579), (933, 3588), (992, 3669), (1000, 3687), (1007, 3696), (1064, 3777), (1096, 3816), (1112, 3837), (1130, 3861), (1196, 3921), (1251, 4017),

Gene: Iter_2 Start: 534, Stop: 2240, Start Num: 101
Candidate Starts for Iter_2:
(Start: 101 @534 has 50 MA's), (444, 906), (476, 963), (512, 1011), (572, 1101), (619, 1200), (646, 1275), (699, 1365), (800, 1488), (828, 1527), (915, 1650), (1038, 1830), (1064, 1869), (1096, 1905), (1106, 1920), (1196, 2055), (1244, 2139), (1251, 2151), (1256, 2163),

Gene: Itos_4 Start: 1069, Stop: 2637, Start Num: 149
Candidate Starts for Itos_4:
(Start: 149 @1069 has 70 MA's), (Start: 155 @1075 has 82 MA's), (271, 1231), (484, 1528), (488, 1534), (533, 1594), (582, 1666), (585, 1672), (591, 1693), (636, 1792), (659, 1840), (684, 1894), (700, 1918), (728, 1963), (733, 1969), (753, 1999), (757, 2005), (777, 2032), (782, 2041), (848, 2098), (855, 2104), (873, 2125), (876, 2131), (925, 2206), (927, 2209), (963, 2245), (990, 2290), (1031, 2356), (1093, 2431), (1114, 2449), (1118, 2458), (1241, 2605), (1252, 2629), (1254, 2632),

Gene: IttyBittyPiggy_2 Start: 535, Stop: 2232, Start Num: 101
Candidate Starts for IttyBittyPiggy_2:
(12, 244), (Start: 101 @535 has 50 MA's), (Start: 224 @622 has 17 MA's), (444, 907), (476, 964), (503, 1006), (572, 1102), (596, 1156), (646, 1276), (915, 1651), (992, 1762), (1038, 1831), (1096, 1906), (1106, 1921), (1196, 2047), (1256, 2155),

Gene: Itza_6 Start: 2578, Stop: 4239, Start Num: 75
Candidate Starts for Itza_6:
(Start: 75 @2578 has 95 MA's), (273, 2761), (316, 2797), (429, 2968), (462, 3031), (503, 3088), (543, 3139), (582, 3211), (593, 3235), (607, 3268), (628, 3304), (638, 3334), (646, 3355), (701, 3448), (751, 3487), (766, 3511), (786, 3547), (841, 3607), (915, 3697), (927, 3718), (943, 3739), (1015, 3838), (1096, 3955), (1130, 4000),

Gene: Iwokeuplikedis_12 Start: 7191, Stop: 8972, Start Num: 103
Candidate Starts for Iwokeuplikedis_12:
(26, 7023), (Start: 103 @7191 has 278 MA's), (288, 7422), (476, 7707), (503, 7746), (558, 7815), (593, 7905), (603, 7929), (621, 7956), (663, 8046), (673, 8061), (857, 8361), (915, 8448), (988, 8535), (992, 8547), (1007, 8574), (1086, 8679), (1096, 8691), (1269, 8928), (1292, 8958),

Gene: Izel_15 Start: 4718, Stop: 6262, Start Num: 181
Candidate Starts for Izel_15:
(Start: 181 @4718 has 21 MA's), (223, 4766), (377, 4967), (454, 5105), (595, 5297), (700, 5507), (733, 5558), (782, 5630), (873, 5693), (893, 5717), (902, 5732), (939, 5792), (953, 5804), (988, 5864), (1003, 5897), (1028, 5930), (1045, 5957), (1090, 6005), (1228, 6191), (1241, 6212),

Gene: Izzy_7 Start: 2609, Stop: 4255, Start Num: 75
Candidate Starts for Izzy_7:
(Start: 75 @2609 has 95 MA's), (Start: 92 @2627 has 10 MA's), (325, 2831), (382, 2912), (462, 3047), (480, 3068), (515, 3113), (543, 3155), (582, 3227), (593, 3251), (634, 3338), (638, 3350), (673, 3404), (751, 3503), (786, 3563), (920, 3725), (927, 3734), (992, 3824), (1017, 3857), (1062, 3929), (1064, 3932), (1096, 3971), (1112, 3992), (1116, 3998), (1130, 4016), (1217, 4112), (1251, 4172),

Gene: IzzyPants24_3 Start: 1113, Stop: 2573, Start Num: 193
Candidate Starts for IzzyPants24_3:
(Start: 193 @1113 has 146 MA's), (Start: 198 @1119 has 6 MA's), (325, 1281), (330, 1290), (377, 1350), (415, 1419), (431, 1440), (455, 1491), (606, 1695), (669, 1830), (744, 1908), (753, 1923), (765, 1941), (777, 1959), (804, 2001), (832, 2034), (840, 2052), (923, 2172), (925, 2175), (936, 2187), (943, 2199), (953, 2211), (990, 2262), (1028, 2319), (1031, 2325), (1038, 2334), (1044, 2343), (1045, 2346), (1186, 2508), (1199, 2517), (1205, 2526), (1232, 2565),

Gene: JC27_13 Start: 7632, Stop: 9320, Start Num: 102
Candidate Starts for JC27_13:
(Start: 102 @7632 has 391 MA's), (Start: 302 @7812 has 3 MA's), (363, 7896), (383, 7932), (406, 7959), (476, 8082), (558, 8190), (593, 8280), (603, 8304), (621, 8331), (637, 8379), (679, 8448), (714, 8523), (720, 8535), (760, 8595), (930, 8820), (939, 8829), (952, 8841), (988, 8883), (995, 8904), (1020, 8931), (1096, 9039), (1182, 9129), (1246, 9234),

Gene: JCole_2 Start: 318, Stop: 1889, Start Num: 134
Candidate Starts for JCole_2:
(Start: 134 @318 has 105 MA's), (281, 474), (313, 504), (332, 537), (379, 582), (397, 621), (402, 630), (461, 726), (550, 816), (596, 912), (607, 936), (630, 978), (654, 1032), (679, 1071), (736, 1137), (741, 1149), (760, 1179), (783, 1212), (837, 1293), (873, 1338), (876, 1344), (895, 1365), (950, 1455), (986, 1500), (989, 1506), (1003, 1536), (1005, 1539), (1044, 1593), (1078, 1629), (1120, 1680), (1162, 1740), (1164, 1743), (1200, 1785), (1266, 1872),

Gene: JEGGS_8 Start: 3849, Stop: 5603, Start Num: 217
Candidate Starts for JEGGS_8:
(172, 3795), (Start: 211 @3843 has 88 MA's), (Start: 217 @3849 has 209 MA's), (280, 3942), (287, 3948), (402, 4140), (446, 4215), (458, 4245), (482, 4275), (504, 4323), (523, 4341), (525, 4344), (604, 4515), (680, 4701), (728, 4800), (744, 4830), (770, 4872), (804, 4929), (859, 5007), (868, 5019), (949, 5133), (967, 5151), (990, 5196), (1000, 5220), (1003, 5223), (1030, 5262), (1131, 5403), (1179, 5448), (1182, 5451), (1196, 5463), (1226, 5511), (1242, 5544), (1244, 5553), (1246, 5556),

Gene: JF2_11 Start: 6133, Stop: 7830, Start Num: 102
Candidate Starts for JF2_11:
(Start: 102 @6133 has 391 MA's), (174, 6205), (363, 6403), (406, 6466), (465, 6577), (476, 6589), (503, 6628), (518, 6640), (558, 6697), (569, 6721), (584, 6751), (593, 6787), (596, 6796), (634, 6877), (643, 6904), (720, 7042), (763, 7108), (778, 7129), (798, 7162), (864, 7228), (915, 7303), (928, 7327), (930, 7330), (936, 7336), (943, 7345), (988, 7393), (1007, 7432), (1015, 7435), (1026, 7453), (1096, 7549), (1134, 7603), (1253, 7756), (1269, 7786), (1292, 7816), (1294, 7819),

Gene: JF4_11 Start: 6133, Stop: 7830, Start Num: 102
Candidate Starts for JF4_11:
(Start: 102 @6133 has 391 MA's), (174, 6205), (363, 6403), (406, 6466), (465, 6577), (476, 6589), (503, 6628), (518, 6640), (558, 6697), (569, 6721), (584, 6751), (593, 6787), (596, 6796), (634, 6877), (643, 6904), (720, 7042), (763, 7108), (778, 7129), (798, 7162), (864, 7228), (915, 7303), (928, 7327), (930, 7330), (936, 7336), (943, 7345), (988, 7393), (1007, 7432), (1015, 7435), (1026, 7453), (1096, 7549), (1134, 7603), (1253, 7756), (1269, 7786), (1292, 7816), (1294, 7819),

Gene: JHC117_13 Start: 6955, Stop: 8655, Start Num: 104
Candidate Starts for JHC117_13:
(Start: 104 @6955 has 125 MA's), (151, 7003), (292, 7138), (426, 7330), (476, 7417), (593, 7615), (634, 7705), (671, 7768), (760, 7930), (915, 8128), (928, 8152), (930, 8155), (988, 8218), (995, 8239), (1026, 8278), (1096, 8374), (1134, 8428), (1182, 8464), (1269, 8611), (1292, 8641), (1294, 8644),

Gene: JRok_3 Start: 1071, Stop: 2531, Start Num: 193
Candidate Starts for JRok_3:
(Start: 193 @1071 has 146 MA's), (Start: 198 @1077 has 6 MA's), (325, 1239), (330, 1248), (377, 1308), (415, 1377), (431, 1398), (455, 1449), (606, 1653), (669, 1788), (744, 1866), (753, 1881), (777, 1917), (804, 1959), (832, 1992), (840, 2010), (923, 2130), (925, 2133), (936, 2145), (990, 2220), (1031, 2283), (1044, 2301), (1045, 2304), (1186, 2466), (1199, 2475), (1205, 2484), (1232, 2523),

Gene: JSwag_14 Start: 6679, Stop: 8376, Start Num: 103
Candidate Starts for JSwag_14:
(Start: 103 @6679 has 278 MA's), (121, 6697), (292, 6859), (445, 7084), (476, 7138), (558, 7246), (571, 7273), (593, 7336), (603, 7360), (928, 7876), (988, 7939), (1015, 7981), (1096, 8095), (1196, 8200), (1269, 8332), (1290, 8359), (1292, 8362), (1294, 8365),

Gene: Jaan_15 Start: 9550, Stop: 11328, Start Num: 103
Candidate Starts for Jaan_15:
(Start: 103 @9550 has 278 MA's), (Start: 123 @9568 has 9 MA's), (Start: 231 @9679 has 26 MA's), (Start: 239 @9691 has 2 MA's), (260, 9733), (266, 9745), (271, 9754), (288, 9778), (350, 9865), (473, 10060), (476, 10063), (503, 10102), (558, 10171), (593, 10261), (603, 10285), (646, 10384), (673, 10417), (857, 10717), (915, 10804), (992, 10903), (1007, 10930), (1026, 10951), (1096, 11047), (1269, 11284), (1290, 11311), (1292, 11314),

Gene: Jabb_3 Start: 676, Stop: 2304, Start Num: 211
Candidate Starts for Jabb_3:
(Start: 211 @676 has 88 MA's), (330, 832), (409, 940), (459, 1024), (479, 1048), (554, 1123), (585, 1174), (586, 1177), (607, 1237), (622, 1255), (632, 1285), (642, 1315), (949, 1771), (963, 1786), (1222, 2137), (1318, 2293),

Gene: Jabiru_9 Start: 6013, Stop: 7764, Start Num: 63
Candidate Starts for Jabiru_9:
(Start: 53 @5986 has 20 MA's), (Start: 63 @6013 has 32 MA's), (Start: 105 @6073 has 1 MA's), (114, 6082), (Start: 154 @6121 has 1 MA's), (228, 6196), (Start: 231 @6202 has 26 MA's), (350, 6334), (406, 6409), (407, 6412), (521, 6586), (536, 6610), (593, 6718), (613, 6763), (643, 6841), (646, 6847), (743, 7012), (763, 7045), (778, 7066), (915, 7240), (928, 7264), (1007, 7366), (1026, 7387), (1061, 7441), (1086, 7471), (1096, 7483), (1134, 7537), (1267, 7717), (1269, 7720), (1294, 7753), (1299, 7759),

Gene: Jabith_12 Start: 8076, Stop: 9839, Start Num: 103
Candidate Starts for Jabith_12:

(40, 7956), (Start: 103 @8076 has 278 MA's), (Start: 123 @8097 has 9 MA's), (Start: 206 @8184 has 29 MA's), (288, 8313), (309, 8337), (350, 8400), (445, 8544), (473, 8595), (476, 8598), (558, 8709), (569, 8733), (571, 8736), (593, 8799), (596, 8808), (603, 8823), (663, 8940), (673, 8955), (701, 9015), (751, 9099), (920, 9327), (928, 9339), (980, 9387), (988, 9402), (1007, 9441), (1026, 9462), (1049, 9501), (1086, 9546), (1096, 9558), (1269, 9795), (1290, 9822),

Gene: Jablanski_2 Start: 485, Stop: 2284, Start Num: 113
Candidate Starts for Jablanski_2:
(Start: 113 @485 has 24 MA's), (240, 623), (343, 782), (350, 797), (414, 881), (429, 911), (434, 923), (443, 932), (460, 971), (476, 992), (541, 1076), (580, 1148), (596, 1184), (614, 1220), (647, 1310), (663, 1331), (687, 1382), (705, 1415), (868, 1589), (892, 1616), (915, 1658), (930, 1685), (936, 1691), (988, 1757), (992, 1769), (1007, 1796), (1064, 1907), (1086, 1943), (1096, 1955), (1111, 1979), (1128, 2006), (1143, 2030), (1189, 2093), (1217, 2135), (1249, 2192), (1256, 2207), (1265, 2222), (1267, 2225), (1278, 2240), (1300, 2270), (1302, 2273),

Gene: JackSparrow_12 Start: 7288, Stop: 8976, Start Num: 102
Candidate Starts for JackSparrow_12:
(Start: 102 @7288 has 391 MA's), (Start: 302 @7468 has 3 MA's), (363, 7552), (383, 7588), (406, 7615), (476, 7738), (558, 7846), (593, 7936), (603, 7960), (621, 7987), (637, 8035), (679, 8104), (714, 8179), (720, 8191), (760, 8251), (930, 8476), (939, 8485), (952, 8497), (988, 8539), (995, 8560), (1020, 8587), (1096, 8695), (1182, 8785), (1246, 8890),

Gene: JacoRen57_2 Start: 669, Stop: 2324, Start Num: 176
Candidate Starts for JacoRen57_2:
(Start: 176 @669 has 83 MA's), (Start: 231 @732 has 26 MA's), (Start: 239 @744 has 2 MA's), (350, 861), (390, 918), (468, 1059), (476, 1068), (507, 1116), (597, 1269), (920, 1797), (992, 1890), (1064, 1998), (1109, 2052), (1112, 2055), (1115, 2058), (1170, 2103), (1234, 2199), (1253, 2238),

Gene: Jahseh_3 Start: 1074, Stop: 2534, Start Num: 193
Candidate Starts for Jahseh_3:
(Start: 193 @1074 has 146 MA's), (Start: 198 @1080 has 6 MA's), (325, 1242), (330, 1251), (377, 1311), (415, 1380), (431, 1401), (455, 1452), (606, 1656), (744, 1869), (753, 1884), (777, 1920), (804, 1962), (832, 1995), (840, 2013), (923, 2133), (925, 2136), (936, 2148), (990, 2223), (1031, 2286), (1044, 2304), (1045, 2307), (1186, 2469), (1199, 2478), (1205, 2487), (1232, 2526),

Gene: JaimeB_3 Start: 1086, Stop: 2546, Start Num: 193
Candidate Starts for JaimeB_3:
(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (744, 1881), (753, 1896), (777, 1932), (804, 1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: Jalammah_2 Start: 360, Stop: 1928, Start Num: 163
Candidate Starts for Jalammah_2:
(59, 255), (Start: 163 @360 has 37 MA's), (269, 477), (313, 519), (Start: 324 @537 has 4 MA's), (334, 552), (362, 573), (377, 594), (396, 633), (431, 693), (451, 729), (454, 741), (491, 786), (498, 795), (522, 822), (584, 900), (630, 1005), (637, 1020), (642, 1035), (702, 1113), (736, 1164), (837, 1320), (869, 1359), (898, 1398), (914, 1431), (923, 1443), (963, 1488), (965, 1491), (968, 1497), (984, 1518), (989, 1527), (990, 1530), (1005, 1560), (1026, 1584), (1033, 1599), (1111, 1689), (1118, 1701), (1148, 1743), (1156, 1758), (1176, 1779), (1188, 1794), (1262, 1902), (1269, 1911), (1273, 1917),

Gene: Jalleen_2 Start: 318, Stop: 1889, Start Num: 134
Candidate Starts for Jalleen_2:

(Start: 134 @318 has 105 MA's), (281, 474), (313, 504), (332, 537), (397, 621), (402, 630), (461, 726), (550, 816), (596, 912), (607, 936), (630, 978), (654, 1032), (679, 1071), (736, 1137), (741, 1149), (760, 1179), (783, 1212), (837, 1293), (873, 1338), (876, 1344), (895, 1365), (950, 1455), (986, 1500), (989, 1506), (1003, 1536), (1005, 1539), (1044, 1593), (1078, 1629), (1120, 1680), (1162, 1740), (1164, 1743), (1200, 1785), (1266, 1872),

Gene: Jalloh_2 Start: 350, Stop: 1807, Start Num: 182
Candidate Starts for Jalloh_2:
(Start: 182 @350 has 18 MA's), (Start: 194 @365 has 13 MA's), (418, 632), (454, 698), (577, 848), (581, 854), (596, 902), (629, 965), (789, 1190), (829, 1238), (908, 1349), (912, 1358), (988, 1460), (1024, 1517), (1069, 1580), (1114, 1643), (1126, 1661), (1199, 1754), (1205, 1763), (1227, 1796),

Gene: James_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for James_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 184 @629 has 3 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (310, 758), (372, 845), (419, 905), (433, 917), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (689, 1388), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1140, 1979), (1176, 2006), (1202, 2039), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: Jamie19_2 Start: 509, Stop: 2044, Start Num: 231
Candidate Starts for Jamie19_2:
(Start: 231 @509 has 26 MA's), (Start: 234 @512 has 29 MA's), (Start: 245 @527 has 1 MA's), (282, 584), (Start: 297 @602 has 2 MA's), (309, 614), (368, 686), (390, 722), (400, 743), (443, 806), (508, 926), (573, 1010), (601, 1076), (636, 1148), (637, 1151), (641, 1163), (713, 1289), (728, 1313), (769, 1376), (830, 1460), (873, 1517), (886, 1532), (930, 1607), (943, 1625), (1047, 1769), (1079, 1790), (1098, 1823), (1109, 1838), (1134, 1874), (1205, 1952), (1207, 1955), (1210, 1961),

Gene: Jamun_3 Start: 1027, Stop: 2607, Start Num: 224
Candidate Starts for Jamun_3:
(Start: 164 @961 has 12 MA's), (Start: 224 @1027 has 17 MA's), (Start: 300 @1123 has 12 MA's), (306, 1132), (381, 1225), (401, 1264), (409, 1279), (430, 1303), (607, 1576), (619, 1588), (622, 1594), (636, 1636), (643, 1657), (674, 1717), (687, 1747), (698, 1756), (744, 1819), (896, 2035), (905, 2047), (923, 2086), (949, 2113), (963, 2128), (980, 2158), (1014, 2197), (1017, 2206), (1023, 2215), (1044, 2251), (1093, 2305), (1246, 2515), (1267, 2557), (1306, 2596),

Gene: Jamzy_7 Start: 1492, Stop: 3192, Start Num: 173
Candidate Starts for Jamzy_7:
(Start: 173 @1492 has 9 MA's), (Start: 224 @1546 has 17 MA's), (237, 1567), (Start: 255 @1594 has 1 MA's), (333, 1669), (350, 1705), (407, 1783), (445, 1858), (454, 1882), (476, 1912), (507, 1963), (572, 2062), (619, 2152), (654, 2242), (687, 2296), (729, 2371), (798, 2485), (814, 2509), (827, 2524), (890, 2575), (917, 2641), (920, 2647), (983, 2722), (1042, 2818), (1064, 2851), (1170, 2956), (1249, 3085), (1251, 3088), (1311, 3178), (1313, 3181),

Gene: Janeemi_3 Start: 1617, Stop: 3323, Start Num: 101
Candidate Starts for Janeemi_3:
(Start: 101 @1617 has 50 MA's), (444, 1989), (476, 2046), (512, 2094), (572, 2184), (646, 2358), (699, 2448), (800, 2571), (828, 2610), (1064, 2952), (1096, 2988), (1106, 3003), (1119, 3021), (1196, 3138), (1244, 3222), (1251, 3234), (1256, 3246),

Gene: JanetJ_3 Start: 1011, Stop: 2603, Start Num: 194
Candidate Starts for JanetJ_3:
(Start: 194 @1011 has 13 MA's), (Start: 231 @1053 has 26 MA's), (396, 1269), (409, 1293), (414, 1299), (584, 1524), (607, 1590), (636, 1650), (643, 1671), (647, 1680), (734, 1782), (740, 1794), (832, 1917), (888, 2001), (1015, 2202), (1101, 2316), (1306, 2592),

Gene: Jankie_2 Start: 463, Stop: 1983, Start Num: 188
Candidate Starts for Jankie_2:
(Start: 188 @463 has 4 MA's), (282, 589), (309, 619), (332, 655), (451, 826), (453, 832), (557, 949), (596, 1033), (605, 1054), (623, 1087), (631, 1111), (663, 1183), (812, 1411), (873, 1483), (896, 1513), (989, 1642), (1026, 1699), (1033, 1714), (1120, 1801), (1162, 1855), (1248, 1972),

Gene: Jannah_3 Start: 1074, Stop: 2534, Start Num: 193
Candidate Starts for Jannah_3:
(Start: 193 @1074 has 146 MA's), (Start: 198 @1080 has 6 MA's), (325, 1242), (330, 1251), (377, 1311), (415, 1380), (431, 1401), (455, 1452), (606, 1656), (744, 1869), (753, 1884), (777, 1920), (804, 1962), (832, 1995), (840, 2013), (923, 2133), (925, 2136), (936, 2148), (990, 2223), (1031, 2286), (1044, 2304), (1045, 2307), (1186, 2469), (1199, 2478), (1205, 2487), (1232, 2526),

Gene: Jant_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Jant_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Janus_7 Start: 2523, Stop: 4169, Start Num: 75
Candidate Starts for Janus_7:
(Start: 75 @2523 has 95 MA's), (343, 2766), (350, 2781), (363, 2793), (443, 2919), (462, 2961), (465, 2967), (480, 2982), (543, 3069), (582, 3141), (593, 3165), (638, 3264), (654, 3300), (673, 3318), (766, 3441), (786, 3477), (920, 3639), (927, 3648), (980, 3711), (1007, 3765), (1064, 3846), (1096, 3885), (1112, 3906), (1130, 3930), (1249, 4083), (1251, 4086),

Gene: Jarcob_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for Jarcob_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 184 @629 has 3 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (310, 758), (372, 845), (419, 905), (433, 917), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (689, 1388), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1042, 1844), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1140, 1979), (1176, 2006), (1202, 2039), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: Jash_7 Start: 2580, Stop: 4208, Start Num: 92
Candidate Starts for Jash_7:
(Start: 75 @2562 has 95 MA's), (Start: 92 @2580 has 10 MA's), (325, 2784), (382, 2865), (462, 3000), (480, 3021), (515, 3066), (543, 3108), (582, 3180), (593, 3204), (634, 3291), (638, 3303), (673, 3357),

(751, 3456), (786, 3516), (920, 3678), (927, 3687), (992, 3777), (1017, 3810), (1062, 3882), (1064, 3885), (1096, 3924), (1112, 3945), (1116, 3951), (1130, 3969), (1217, 4065), (1251, 4125),

Gene: JasmineDragon_2 Start: 550, Stop: 2277, Start Num: 103
Candidate Starts for JasmineDragon_2:
(61, 490), (Start: 103 @550 has 278 MA's), (Start: 224 @661 has 17 MA's), (430, 925), (434, 934), (462, 985), (476, 1003), (512, 1051), (572, 1144), (930, 1720), (1038, 1873), (1096, 1948), (1106, 1963), (1196, 2092), (1256, 2200), (1298, 2263),

Gene: Jasper_12 Start: 6843, Stop: 8531, Start Num: 102
Candidate Starts for Jasper_12:
(Start: 102 @6843 has 391 MA's), (Start: 302 @7023 has 3 MA's), (363, 7107), (383, 7143), (476, 7293), (558, 7401), (593, 7491), (603, 7515), (637, 7590), (679, 7659), (720, 7746), (760, 7806), (939, 8040), (952, 8052), (988, 8094), (995, 8115), (1020, 8142), (1096, 8250), (1182, 8340), (1246, 8445),

Gene: JasperJr_2 Start: 361, Stop: 1929, Start Num: 163
Candidate Starts for JasperJr_2:
(59, 256), (Start: 163 @361 has 37 MA's), (251, 445), (269, 478), (313, 520), (Start: 324 @538 has 4 MA's), (334, 553), (362, 574), (377, 595), (396, 634), (431, 694), (451, 730), (454, 742), (489, 784), (498, 796), (522, 823), (584, 901), (630, 1006), (637, 1021), (642, 1036), (702, 1114), (736, 1165), (837, 1321), (855, 1342), (869, 1360), (873, 1366), (914, 1432), (923, 1444), (963, 1489), (965, 1492), (968, 1498), (984, 1519), (989, 1528), (990, 1531), (1033, 1600), (1118, 1702), (1148, 1744), (1156, 1759), (1188, 1795), (1251, 1891), (1262, 1903), (1269, 1912),

Gene: Jaykayelowell_11 Start: 6883, Stop: 8580, Start Num: 102
Candidate Starts for Jaykayelowell_11:
(Start: 102 @6883 has 391 MA's), (Start: 126 @6907 has 206 MA's), (Start: 239 @7030 has 2 MA's), (339, 7120), (363, 7153), (426, 7252), (473, 7336), (476, 7339), (503, 7378), (558, 7447), (569, 7471), (593, 7537), (634, 7627), (720, 7792), (778, 7879), (798, 7912), (864, 7978), (913, 8050), (915, 8053), (928, 8077), (980, 8128), (988, 8143), (1007, 8182), (1026, 8203), (1096, 8299), (1269, 8536), (1292, 8566), (1294, 8569),

Gene: Jaylociraptor_8 Start: 3146, Stop: 4891, Start Num: 217
Candidate Starts for Jaylociraptor_8:
(Start: 217 @3146 has 209 MA's), (252, 3200), (Start: 255 @3203 has 1 MA's), (280, 3239), (287, 3245), (430, 3479), (485, 3578), (504, 3620), (525, 3641), (547, 3683), (556, 3695), (596, 3794), (604, 3812), (621, 3848), (713, 4073), (728, 4097), (731, 4103), (804, 4226), (859, 4295), (940, 4412), (944, 4418), (967, 4439), (1000, 4508), (1003, 4511), (1038, 4562), (1101, 4649), (1146, 4715), (1182, 4739), (1196, 4751), (1207, 4769), (1244, 4841), (1246, 4844),

Gene: Jazzy4900_9 Start: 3738, Stop: 5486, Start Num: 217
Candidate Starts for Jazzy4900_9:
(Start: 200 @3720 has 5 MA's), (Start: 217 @3738 has 209 MA's), (Start: 255 @3795 has 1 MA's), (287, 3837), (458, 4134), (485, 4170), (504, 4212), (525, 4233), (561, 4302), (574, 4326), (604, 4404), (607, 4410), (647, 4518), (680, 4590), (696, 4626), (713, 4665), (728, 4689), (791, 4794), (804, 4818), (868, 4902), (897, 4950), (949, 5016), (961, 5022), (970, 5040), (1000, 5103), (1003, 5106), (1028, 5142), (1125, 5277), (1131, 5286), (1136, 5295), (1146, 5310), (1182, 5334), (1196, 5346), (1226, 5394), (1244, 5436), (1246, 5439),

Gene: JeNeSaisPas_15 Start: 8116, Stop: 9900, Start Num: 217
Candidate Starts for JeNeSaisPas_15:
(Start: 211 @8110 has 88 MA's), (Start: 217 @8116 has 209 MA's), (287, 8215), (387, 8389), (438, 8464), (458, 8512), (504, 8590), (523, 8608), (525, 8611), (561, 8680), (604, 8782), (625, 8827), (628,

8839), (647, 8896), (680, 8968), (728, 9067), (761, 9124), (770, 9139), (804, 9196), (859, 9265), (868, 9277), (912, 9370), (949, 9430), (967, 9448), (970, 9454), (1000, 9517), (1003, 9520), (1030, 9559), (1125, 9691), (1146, 9724), (1182, 9748), (1196, 9760), (1207, 9778), (1244, 9850), (1246, 9853),

Gene: Jeanie_2 Start: 520, Stop: 1905, Start Num: 244
Candidate Starts for Jeanie_2:
(Start: 244 @520 has 5 MA's), (Start: 290 @586 has 2 MA's), (Start: 314 @613 has 1 MA's), (401, 736), (402, 739), (414, 757), (452, 820), (454, 829), (455, 832), (514, 901), (554, 934), (568, 958), (581, 985), (596, 1033), (641, 1132), (663, 1165), (669, 1177), (677, 1189), (820, 1345), (832, 1360), (866, 1408), (898, 1453), (904, 1462), (917, 1486), (943, 1525), (1181, 1825), (1227, 1891),

Gene: Jebeks_2 Start: 413, Stop: 2089, Start Num: 134
Candidate Starts for Jebeks_2:
(Start: 134 @413 has 105 MA's), (313, 629), (338, 668), (360, 725), (362, 731), (373, 749), (397, 794), (400, 797), (404, 806), (409, 815), (414, 821), (417, 824), (451, 878), (459, 899), (467, 911), (541, 1001), (636, 1190), (702, 1286), (720, 1316), (736, 1337), (828, 1478), (837, 1490), (984, 1688), (989, 1697), (1000, 1724), (1031, 1766), (1044, 1784), (1118, 1868), (1130, 1883), (1269, 2072),

Gene: Jecs_2 Start: 520, Stop: 2169, Start Num: 126
Candidate Starts for Jecs_2:
(Start: 126 @520 has 206 MA's), (Start: 160 @550 has 5 MA's), (313, 721), (454, 931), (459, 940), (476, 961), (541, 1054), (607, 1189), (679, 1324), (692, 1339), (760, 1432), (783, 1465), (835, 1546), (846, 1564), (854, 1567), (866, 1585), (873, 1594), (952, 1711), (962, 1720), (1031, 1831), (1044, 1849), (1111, 1921), (1135, 1957), (1178, 2011), (1249, 2122),

Gene: Jeeves_11 Start: 6561, Stop: 8318, Start Num: 103
Candidate Starts for Jeeves_11:
(Start: 103 @6561 has 278 MA's), (Start: 212 @6669 has 5 MA's), (Start: 231 @6693 has 26 MA's), (266, 6759), (271, 6768), (288, 6792), (325, 6843), (383, 6927), (473, 7074), (476, 7077), (558, 7188), (569, 7212), (593, 7278), (603, 7302), (634, 7368), (673, 7434), (727, 7542), (776, 7617), (861, 7719), (915, 7794), (920, 7806), (928, 7818), (930, 7821), (988, 7881), (1007, 7920), (1026, 7941), (1096, 8037), (1269, 8274), (1290, 8301),

Gene: Jeffabunny_15 Start: 7536, Stop: 9290, Start Num: 103
Candidate Starts for Jeffabunny_15:
(Start: 103 @7536 has 278 MA's), (288, 7767), (325, 7818), (350, 7854), (406, 7929), (476, 8052), (503, 8091), (558, 8160), (569, 8184), (571, 8187), (593, 8250), (603, 8274), (646, 8373), (647, 8376), (671, 8403), (673, 8406), (864, 8691), (920, 8778), (928, 8790), (988, 8853), (1007, 8892), (1026, 8913), (1086, 8997), (1096, 9009), (1269, 9246), (1290, 9273), (1292, 9276),

Gene: Jella_3 Start: 1098, Stop: 2558, Start Num: 193
Candidate Starts for Jella_3:
(Start: 193 @1098 has 146 MA's), (Start: 198 @1104 has 6 MA's), (325, 1266), (330, 1275), (377, 1335), (415, 1404), (431, 1425), (455, 1476), (606, 1680), (744, 1893), (753, 1908), (777, 1944), (804, 1986), (832, 2019), (840, 2037), (923, 2157), (925, 2160), (936, 2172), (990, 2247), (1031, 2310), (1044, 2328), (1045, 2331), (1186, 2493), (1199, 2502), (1205, 2511), (1232, 2550),

Gene: JenCasNa_13 Start: 6955, Stop: 8655, Start Num: 104
Candidate Starts for JenCasNa_13:
(Start: 104 @6955 has 125 MA's), (151, 7003), (292, 7138), (426, 7330), (476, 7417), (501, 7453), (593, 7615), (634, 7705), (671, 7768), (760, 7930), (915, 8128), (928, 8152), (930, 8155), (988, 8218), (995, 8239), (1026, 8278), (1096, 8374), (1134, 8428), (1182, 8464), (1269, 8611), (1292, 8641), (1294, 8644),

Gene: Jennelsea_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for Jennelsea_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 184 @629 has 3 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (310, 758), (372, 845), (419, 905), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (689, 1388), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1140, 1979), (1176, 2006), (1202, 2039), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: JeppNRM_14 Start: 7027, Stop: 8727, Start Num: 104
Candidate Starts for JeppNRM_14:
(Start: 104 @7027 has 125 MA's), (151, 7075), (Start: 224 @7147 has 17 MA's), (292, 7210), (352, 7294), (476, 7489), (593, 7687), (634, 7777), (671, 7840), (687, 7879), (760, 8002), (915, 8200), (928, 8224), (930, 8227), (988, 8290), (992, 8302), (995, 8311), (1026, 8350), (1096, 8446), (1134, 8500), (1182, 8536), (1269, 8683), (1292, 8713), (1294, 8716),

Gene: Jeremy4pt0_8 Start: 3618, Stop: 5366, Start Num: 217
Candidate Starts for Jeremy4pt0_8:
(Start: 200 @3600 has 5 MA's), (Start: 217 @3618 has 209 MA's), (280, 3711), (287, 3717), (325, 3774), (353, 3837), (458, 4014), (504, 4092), (525, 4113), (580, 4215), (604, 4284), (680, 4470), (713, 4545), (728, 4569), (791, 4674), (804, 4698), (868, 4782), (949, 4896), (967, 4914), (1000, 4983), (1003, 4986), (1038, 5037), (1068, 5079), (1131, 5166), (1161, 5193), (1182, 5214), (1196, 5226), (1207, 5244), (1246, 5319),

Gene: Jerky_3 Start: 1155, Stop: 2615, Start Num: 193
Candidate Starts for Jerky_3:
(Start: 193 @1155 has 146 MA's), (Start: 198 @1161 has 6 MA's), (325, 1323), (330, 1332), (377, 1392), (415, 1461), (431, 1482), (455, 1533), (606, 1737), (669, 1872), (744, 1950), (753, 1965), (777, 2001), (804, 2043), (832, 2076), (840, 2094), (923, 2214), (925, 2217), (936, 2229), (990, 2304), (1031, 2367), (1044, 2385), (1045, 2388), (1186, 2550), (1199, 2559), (1205, 2568),

Gene: Jerm_14 Start: 7848, Stop: 9635, Start Num: 103
Candidate Starts for Jerm_14:
(Start: 103 @7848 has 278 MA's), (Start: 206 @7956 has 29 MA's), (226, 7977), (262, 8043), (264, 8049), (288, 8085), (309, 8109), (350, 8172), (473, 8367), (476, 8370), (558, 8478), (593, 8568), (603, 8592), (637, 8667), (663, 8709), (673, 8724), (857, 9024), (992, 9210), (1007, 9237), (1026, 9258), (1096, 9354), (1269, 9591), (1292, 9621),

Gene: Jerm2_12 Start: 7221, Stop: 8909, Start Num: 108
Candidate Starts for Jerm2_12:
(Start: 108 @7221 has 24 MA's), (292, 7392), (Start: 302 @7401 has 3 MA's), (363, 7485), (380, 7512), (383, 7521), (476, 7671), (500, 7704), (558, 7779), (593, 7869), (603, 7893), (621, 7920), (637, 7968), (720, 8124), (760, 8184), (930, 8409), (939, 8418), (952, 8430), (988, 8472), (995, 8493), (1020, 8520), (1096, 8628), (1182, 8718), (1246, 8823),

Gene: Jerole_4 Start: 1013, Stop: 2494, Start Num: 300
Candidate Starts for Jerole_4:
(Start: 164 @848 has 12 MA's), (Start: 300 @1013 has 12 MA's), (325, 1052), (374, 1103), (381, 1115), (400, 1151), (409, 1169), (554, 1352), (607, 1466), (619, 1478), (636, 1526), (643, 1547), (651, 1562), (682, 1619), (905, 1934), (949, 2000), (962, 2012), (980, 2045), (1014, 2084), (1017, 2093), (1020,

2096), (1063, 2162), (1093, 2192), (1126, 2237), (1157, 2279), (1182, 2306), (1184, 2309), (1246, 2402), (1249, 2408), (1259, 2429), (1265, 2441), (1304, 2480), (1306, 2483),

Gene: Jester_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Jester_8:
(Start: 104 @3156 has 125 MA's), (Start: 302 @3342 has 3 MA's), (350, 3414), (363, 3426), (379, 3450), (383, 3462), (489, 3630), (536, 3690), (593, 3798), (718, 4053), (763, 4125), (892, 4269), (915, 4311), (936, 4344), (992, 4413), (1096, 4557), (1130, 4602), (1196, 4662), (1269, 4794), (1290, 4821), (1292, 4824), (1294, 4827),

Gene: JetBlade_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for JetBlade_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Jevington_8 Start: 2746, Stop: 4392, Start Num: 75
Candidate Starts for Jevington_8:
(Start: 75 @2746 has 95 MA's), (Start: 239 @2896 has 2 MA's), (363, 3016), (379, 3040), (382, 3049), (443, 3142), (445, 3148), (450, 3157), (462, 3184), (480, 3205), (543, 3292), (582, 3364), (593, 3388), (638, 3487), (654, 3523), (673, 3541), (716, 3628), (766, 3664), (786, 3700), (915, 3850), (927, 3871), (992, 3961), (1007, 3988), (1064, 4069), (1096, 4108), (1112, 4129), (1130, 4153), (1196, 4213), (1251, 4309),

Gene: JewelBug_15 Start: 7534, Stop: 9288, Start Num: 103
Candidate Starts for JewelBug_15:
(Start: 103 @7534 has 278 MA's), (288, 7765), (325, 7816), (350, 7852), (406, 7927), (476, 8050), (503, 8089), (558, 8158), (569, 8182), (571, 8185), (593, 8248), (603, 8272), (646, 8371), (647, 8374), (671, 8401), (673, 8404), (864, 8689), (920, 8776), (928, 8788), (988, 8851), (1007, 8890), (1026, 8911), (1086, 8995), (1096, 9007), (1269, 9244), (1290, 9271), (1292, 9274),

Gene: Jflix2_8 Start: 5554, Stop: 7107, Start Num: 225
Candidate Starts for Jflix2_8:
(Start: 221 @5548 has 5 MA's), (Start: 225 @5554 has 1 MA's), (380, 5788), (488, 5965), (508, 6001), (510, 6004), (588, 6115), (595, 6133), (601, 6148), (621, 6175), (767, 6427), (783, 6448), (816, 6499), (952, 6691), (1078, 6874), (1118, 6937), (1130, 6952), (1147, 6976), (1215, 7054),

Gene: Jhitchelle_5 Start: 2144, Stop: 3790, Start Num: 75
Candidate Starts for Jhitchelle_5:
(Start: 70 @2135 has 1 MA's), (Start: 75 @2144 has 95 MA's), (Start: 78 @2147 has 1 MA's), (Start: 92 @2162 has 10 MA's), (171, 2216), (325, 2366), (350, 2402), (363, 2414), (382, 2447), (429, 2519), (443, 2540), (450, 2555), (462, 2582), (468, 2591), (480, 2603), (543, 2690), (571, 2738), (572, 2741), (582, 2762), (593, 2786), (638, 2885), (751, 3038), (786, 3098), (915, 3248), (927, 3269), (1007, 3386), (1096, 3506), (1116, 3533), (1130, 3551), (1184, 3599), (1251, 3707),

Gene: Jiawan_13 Start: 8145, Stop: 9932, Start Num: 103
Candidate Starts for Jiawan_13:
(Start: 103 @8145 has 278 MA's), (Start: 117 @8160 has 12 MA's), (Start: 123 @8166 has 9 MA's), (Start: 231 @8277 has 26 MA's), (288, 8376), (406, 8538), (445, 8610), (476, 8664), (503, 8703), (558, 8775), (593, 8865), (603, 8889), (663, 9006), (673, 9021), (727, 9129), (776, 9204), (798, 9240), (837, 9300), (920, 9420), (936, 9441), (980, 9480), (1007, 9534), (1015, 9537), (1026, 9555), (1061, 9609),

(1086, 9639), (1096, 9651), (1182, 9741), (1198, 9759), (1269, 9888), (1290, 9915), (1292, 9918),

Gene: Jifall16_23 Start: 12784, Stop: 14511, Start Num: 124
Candidate Starts for Jifall16_23:
(22, 12550), (52, 12679), (Start: 124 @12784 has 12 MA's), (270, 12934), (317, 12985), (319, 12991), (346, 13030), (361, 13060), (375, 13084), (384, 13102), (398, 13129), (425, 13192), (433, 13210), (597, 13495), (612, 13522), (643, 13606), (695, 13690), (699, 13702), (716, 13735), (798, 13813), (867, 13891), (915, 13963), (937, 13996), (973, 14059), (988, 14086), (996, 14110), (1020, 14134), (1084, 14233), (1121, 14281), (1246, 14419), (1261, 14449), (1297, 14503),

Gene: Jinglebell_2 Start: 581, Stop: 2218, Start Num: 126
Candidate Starts for Jinglebell_2:
(Start: 117 @578 has 12 MA's), (Start: 126 @581 has 206 MA's), (Start: 147 @605 has 3 MA's), (Start: 184 @638 has 3 MA's), (Start: 217 @662 has 209 MA's), (Start: 219 @665 has 2 MA's), (271, 728), (310, 767), (372, 854), (375, 860), (419, 914), (442, 938), (445, 947), (447, 950), (454, 971), (467, 992), (519, 1064), (543, 1103), (580, 1172), (584, 1178), (597, 1208), (598, 1211), (603, 1220), (612, 1235), (621, 1253), (638, 1304), (689, 1397), (695, 1406), (845, 1577), (859, 1589), (915, 1673), (934, 1703), (937, 1706), (940, 1709), (988, 1766), (993, 1781), (995, 1787), (996, 1790), (1007, 1805), (1020, 1814), (1062, 1883), (1082, 1913), (1084, 1922), (1112, 1955), (1140, 1988), (1176, 2015), (1202, 2048), (1214, 2069), (1219, 2075), (1222, 2078), (1235, 2099), (1246, 2123), (1251, 2132), (1253, 2135), (1284, 2192),

Gene: JoBros_3 Start: 1074, Stop: 2534, Start Num: 193
Candidate Starts for JoBros_3:
(Start: 193 @1074 has 146 MA's), (Start: 198 @1080 has 6 MA's), (325, 1242), (330, 1251), (377, 1311), (415, 1380), (431, 1401), (455, 1452), (606, 1656), (744, 1869), (753, 1884), (777, 1920), (804, 1962), (832, 1995), (840, 2013), (923, 2133), (925, 2136), (936, 2148), (990, 2223), (1031, 2286), (1044, 2304), (1045, 2307), (1186, 2469), (1199, 2478), (1205, 2487), (1232, 2526),

Gene: Joann_5 Start: 3072, Stop: 4637, Start Num: 155
Candidate Starts for Joann_5:
(Start: 155 @3072 has 82 MA's), (Start: 300 @3246 has 12 MA's), (Start: 324 @3282 has 4 MA's), (374, 3336), (380, 3345), (396, 3378), (409, 3402), (430, 3426), (489, 3528), (573, 3642), (584, 3657), (586, 3663), (607, 3723), (636, 3783), (740, 3882), (759, 3912), (768, 3927), (797, 3975), (883, 4095), (923, 4170), (953, 4203), (977, 4239), (1030, 4314), (1044, 4335), (1093, 4356), (1141, 4425), (1222, 4503), (1244, 4542), (1264, 4572), (1272, 4584), (1308, 4623), (1315, 4632),

Gene: Jobu08_13 Start: 7026, Stop: 8726, Start Num: 104
Candidate Starts for Jobu08_13:
(Start: 104 @7026 has 125 MA's), (151, 7074), (292, 7209), (426, 7401), (476, 7488), (593, 7686), (634, 7776), (671, 7839), (760, 8001), (915, 8199), (928, 8223), (930, 8226), (988, 8289), (995, 8310), (1026, 8349), (1096, 8445), (1134, 8499), (1182, 8535), (1269, 8682), (1292, 8712), (1294, 8715),

Gene: Jobypre_5 Start: 1190, Stop: 2755, Start Num: 149
Candidate Starts for Jobypre_5:
(Start: 104 @1139 has 125 MA's), (Start: 112 @1148 has 1 MA's), (Start: 149 @1190 has 70 MA's), (Start: 155 @1196 has 82 MA's), (284, 1367), (312, 1397), (374, 1472), (379, 1478), (381, 1484), (476, 1640), (484, 1649), (486, 1652), (488, 1655), (550, 1730), (582, 1784), (584, 1787), (585, 1790), (688, 2021), (737, 2096), (753, 2117), (757, 2123), (808, 2192), (848, 2216), (866, 2234), (876, 2249), (963, 2363), (988, 2402), (990, 2408), (1031, 2474), (1078, 2528), (1111, 2564), (1118, 2576), (1155, 2615), (1228, 2702), (1252, 2747), (1254, 2750),

Gene: Jodelie19_17 Start: 10505, Stop: 12250, Start Num: 217

Candidate Starts for Jodelie19_17:
(Start: 217 @10505 has 209 MA's), (222, 10511), (280, 10598), (287, 10604), (315, 10640), (343, 10694), (402, 10796), (446, 10871), (466, 10913), (504, 10979), (525, 11000), (561, 11069), (604, 11171), (628, 11228), (647, 11285), (653, 11297), (680, 11357), (728, 11456), (731, 11462), (765, 11519), (804, 11585), (940, 11771), (949, 11780), (991, 11846), (1000, 11867), (1003, 11870), (1131, 12050), (1179, 12095), (1182, 12098), (1196, 12110), (1244, 12200), (1246, 12203),

Gene: JoeDirt_4 Start: 1059, Stop: 2636, Start Num: 155
Candidate Starts for JoeDirt_4:
(Start: 149 @1053 has 70 MA's), (Start: 155 @1059 has 82 MA's), (284, 1230), (352, 1317), (374, 1335), (379, 1341), (396, 1377), (486, 1515), (488, 1518), (550, 1593), (582, 1647), (584, 1650), (585, 1653), (659, 1821), (684, 1875), (688, 1884), (700, 1899), (713, 1920), (737, 1959), (753, 1980), (757, 1986), (777, 2013), (808, 2055), (848, 2079), (866, 2097), (873, 2106), (876, 2112), (902, 2145), (918, 2178), (953, 2217), (962, 2223), (963, 2226), (990, 2271), (1031, 2337), (1069, 2388), (1087, 2403), (1093, 2412), (1111, 2427), (1114, 2430), (1207, 2532), (1224, 2559), (1252, 2610), (1254, 2613),

Gene: Joemato_2 Start: 533, Stop: 2239, Start Num: 101
Candidate Starts for Joemato_2:
(Start: 101 @533 has 50 MA's), (444, 905), (476, 962), (512, 1010), (572, 1100), (596, 1154), (646, 1274), (699, 1364), (828, 1526), (915, 1649), (1096, 1904), (1106, 1919), (1144, 1973), (1196, 2054), (1244, 2138), (1256, 2162),

Gene: JoeyJr_2 Start: 571, Stop: 2208, Start Num: 126
Candidate Starts for JoeyJr_2:
(Start: 126 @571 has 206 MA's), (133, 580), (Start: 147 @595 has 3 MA's), (Start: 217 @652 has 209 MA's), (Start: 219 @655 has 2 MA's), (271, 718), (310, 757), (372, 844), (419, 904), (433, 916), (442, 928), (445, 937), (447, 940), (454, 961), (467, 982), (519, 1054), (543, 1093), (580, 1162), (584, 1168), (597, 1198), (598, 1201), (603, 1210), (612, 1225), (621, 1243), (638, 1294), (689, 1387), (695, 1396), (845, 1567), (859, 1579), (915, 1663), (934, 1693), (937, 1696), (940, 1699), (988, 1756), (993, 1771), (995, 1777), (996, 1780), (1007, 1795), (1020, 1804), (1062, 1873), (1082, 1903), (1084, 1912), (1112, 1945), (1140, 1978), (1176, 2005), (1202, 2038), (1222, 2068), (1235, 2089), (1246, 2113), (1251, 2122), (1253, 2125), (1284, 2182),

Gene: JohnDoe_2 Start: 533, Stop: 2239, Start Num: 101
Candidate Starts for JohnDoe_2:
(Start: 101 @533 has 50 MA's), (444, 905), (476, 962), (512, 1010), (572, 1100), (596, 1154), (646, 1274), (699, 1364), (828, 1526), (915, 1649), (1096, 1904), (1106, 1919), (1196, 2054), (1244, 2138), (1256, 2162),

Gene: JohnThicc_2 Start: 553, Stop: 2268, Start Num: 103
Candidate Starts for JohnThicc_2:
(Start: 103 @553 has 278 MA's), (Start: 224 @652 has 17 MA's), (434, 925), (462, 976), (476, 994), (512, 1042), (524, 1054), (572, 1135), (646, 1309), (698, 1396), (800, 1522), (930, 1711), (992, 1795), (1096, 1939), (1106, 1954), (1196, 2083), (1256, 2191), (1298, 2254),

Gene: Johnathan_3 Start: 689, Stop: 2317, Start Num: 211
Candidate Starts for Johnathan_3:
(Start: 211 @689 has 88 MA's), (330, 845), (409, 953), (443, 998), (451, 1016), (459, 1037), (479, 1061), (554, 1136), (585, 1187), (586, 1190), (607, 1250), (622, 1268), (632, 1298), (642, 1328), (949, 1784), (963, 1799), (1151, 2054), (1222, 2150), (1249, 2198), (1318, 2306),

Gene: JoieB_36 Start: 11144, Stop: 12886, Start Num: 176
Candidate Starts for JoieB_36:

(Start: 176 @11144 has 83 MA's), (292, 11261), (325, 11306), (354, 11372), (358, 11387), (379, 11420), (380, 11423), (388, 11438), (407, 11462), (409, 11465), (426, 11495), (436, 11516), (443, 11534), (447, 11543), (463, 11579), (476, 11594), (507, 11639), (543, 11681), (565, 11720), (572, 11732), (582, 11753), (604, 11804), (621, 11825), (747, 12047), (814, 12152), (821, 12161), (871, 12194), (890, 12215), (892, 12218), (908, 12245), (915, 12275), (920, 12287), (930, 12302), (939, 12311), (943, 12317), (971, 12359), (983, 12368), (990, 12383), (995, 12398), (1038, 12458), (1061, 12497), (1089, 12530), (1112, 12560), (1115, 12563), (1163, 12647), (1196, 12701), (1205, 12716), (1224, 12743), (1251, 12797), (1309, 12869), (1311, 12872),

Gene: Jojo24_2 Start: 521, Stop: 2098, Start Num: 194
Candidate Starts for Jojo24_2:
(Start: 194 @521 has 13 MA's), (338, 704), (379, 743), (381, 749), (396, 779), (459, 887), (510, 956), (554, 986), (623, 1121), (633, 1151), (635, 1157), (636, 1160), (815, 1427), (829, 1442), (832, 1445), (836, 1457), (881, 1517), (908, 1562), (914, 1580), (918, 1589), (943, 1619), (1020, 1712), (1030, 1733), (1035, 1742), (1088, 1802), (1103, 1826), (1189, 1922), (1249, 2015), (1259, 2033), (1306, 2087),

Gene: JooneeDee_3 Start: 1104, Stop: 2564, Start Num: 193
Candidate Starts for JooneeDee_3:
(Start: 193 @1104 has 146 MA's), (Start: 198 @1110 has 6 MA's), (325, 1272), (330, 1281), (377, 1341), (415, 1410), (431, 1431), (455, 1482), (606, 1686), (669, 1821), (744, 1899), (753, 1914), (765, 1932), (777, 1950), (804, 1992), (832, 2025), (840, 2043), (923, 2163), (925, 2166), (936, 2178), (943, 2190), (953, 2202), (990, 2253), (1028, 2310), (1031, 2316), (1038, 2325), (1044, 2334), (1045, 2337), (1186, 2499), (1199, 2508), (1205, 2517), (1232, 2556),

Gene: JoongJeon_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for JoongJeon_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Jordennis_15 Start: 7523, Stop: 9277, Start Num: 103
Candidate Starts for Jordennis_15:
(Start: 103 @7523 has 278 MA's), (288, 7754), (325, 7805), (350, 7841), (406, 7916), (476, 8039), (503, 8078), (558, 8147), (569, 8171), (571, 8174), (593, 8237), (603, 8261), (671, 8390), (673, 8393), (729, 8504), (855, 8666), (915, 8753), (920, 8765), (928, 8777), (980, 8825), (988, 8840), (1007, 8879), (1026, 8900), (1086, 8984), (1096, 8996), (1269, 9233), (1290, 9260), (1292, 9263),

Gene: Jorgensen_11 Start: 6804, Stop: 8492, Start Num: 102
Candidate Starts for Jorgensen_11:
(Start: 102 @6804 has 391 MA's), (Start: 302 @6984 has 3 MA's), (363, 7068), (383, 7104), (476, 7254), (558, 7362), (593, 7452), (603, 7476), (621, 7503), (637, 7551), (720, 7707), (760, 7767), (939, 8001), (952, 8013), (988, 8055), (995, 8076), (1020, 8103), (1096, 8211), (1182, 8301), (1246, 8406),

Gene: Joselito_12 Start: 8024, Stop: 9787, Start Num: 103
Candidate Starts for Joselito_12:
(Start: 103 @8024 has 278 MA's), (Start: 123 @8045 has 9 MA's), (Start: 206 @8132 has 29 MA's), (288, 8261), (309, 8285), (350, 8348), (445, 8492), (473, 8543), (476, 8546), (558, 8657), (569, 8681), (571, 8684), (593, 8747), (596, 8756), (603, 8771), (663, 8888), (673, 8903), (701, 8963), (751, 9047), (920, 9275), (928, 9287), (980, 9335), (988, 9350), (1007, 9389), (1026, 9410), (1049, 9449), (1086, 9494), (1096, 9506), (1269, 9743), (1290, 9770),

Gene: JoshKayV_14 Start: 7836, Stop: 9626, Start Num: 103
Candidate Starts for JoshKayV_14:
(Start: 103 @7836 has 278 MA's), (Start: 206 @7944 has 29 MA's), (226, 7965), (288, 8073), (350, 8160), (476, 8361), (558, 8469), (593, 8559), (603, 8583), (663, 8700), (673, 8715), (857, 9015), (992, 9201), (1007, 9228), (1026, 9249), (1096, 9345), (1269, 9582), (1292, 9612),

Gene: Josuke_3 Start: 1086, Stop: 2546, Start Num: 193
Candidate Starts for Josuke_3:
(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (744, 1881), (753, 1896), (777, 1932), (804, 1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: Journey_2 Start: 504, Stop: 2036, Start Num: 234
Candidate Starts for Journey_2:
(Start: 231 @501 has 26 MA's), (Start: 234 @504 has 29 MA's), (243, 516), (Start: 245 @519 has 1 MA's), (282, 576), (Start: 297 @594 has 2 MA's), (309, 606), (368, 678), (380, 696), (390, 714), (400, 735), (443, 798), (459, 837), (487, 870), (508, 918), (573, 1002), (584, 1017), (601, 1068), (605, 1077), (623, 1101), (636, 1140), (637, 1143), (641, 1155), (713, 1281), (728, 1305), (769, 1368), (830, 1452), (886, 1524), (902, 1548), (925, 1590), (930, 1599), (977, 1656), (995, 1695), (1033, 1752), (1041, 1758), (1047, 1761), (1079, 1782), (1109, 1830), (1134, 1866), (1207, 1947), (1210, 1953),

Gene: Journey13_10 Start: 6587, Stop: 8341, Start Num: 103
Candidate Starts for Journey13_10:
(Start: 103 @6587 has 278 MA's), (Start: 239 @6731 has 2 MA's), (288, 6818), (350, 6905), (473, 7100), (476, 7103), (503, 7142), (558, 7211), (593, 7301), (603, 7325), (646, 7424), (647, 7427), (671, 7454), (673, 7457), (861, 7742), (915, 7817), (920, 7829), (928, 7841), (980, 7889), (988, 7904), (1026, 7964), (1086, 8048), (1096, 8060), (1269, 8297), (1290, 8324), (1292, 8327), (1294, 8330),

Gene: Jovita_3 Start: 802, Stop: 2430, Start Num: 211
Candidate Starts for Jovita_3:
(Start: 211 @802 has 88 MA's), (330, 958), (409, 1066), (459, 1150), (479, 1174), (489, 1192), (554, 1249), (585, 1300), (586, 1303), (607, 1363), (622, 1381), (632, 1411), (642, 1441), (949, 1897), (963, 1912), (1222, 2263), (1318, 2419),

Gene: Jovo_9 Start: 6297, Stop: 8048, Start Num: 63
Candidate Starts for Jovo_9:
(Start: 53 @6270 has 20 MA's), (Start: 63 @6297 has 32 MA's), (114, 6366), (228, 6480), (Start: 231 @6486 has 26 MA's), (350, 6618), (406, 6693), (407, 6696), (489, 6831), (521, 6870), (536, 6894), (593, 7002), (613, 7047), (643, 7125), (646, 7131), (743, 7296), (763, 7329), (778, 7350), (915, 7524), (928, 7548), (930, 7551), (988, 7611), (992, 7623), (1007, 7650), (1026, 7671), (1086, 7755), (1096, 7767), (1269, 8004), (1294, 8037), (1299, 8043),

Gene: JoyLin_12 Start: 8663, Stop: 10423, Start Num: 217
Candidate Starts for JoyLin_12:
(Start: 211 @8657 has 88 MA's), (Start: 214 @8660 has 4 MA's), (Start: 217 @8663 has 209 MA's), (Start: 231 @8684 has 26 MA's), (252, 8717), (259, 8738), (280, 8756), (287, 8762), (323, 8813), (325, 8819), (441, 9017), (449, 9035), (458, 9059), (483, 9092), (504, 9137), (525, 9158), (604, 9329), (621, 9365), (657, 9461), (660, 9467), (680, 9515), (728, 9614), (748, 9650), (765, 9677), (770, 9686), (804, 9743), (859, 9827), (868, 9839), (949, 9953), (1000, 10040), (1003, 10043), (1101, 10181), (1146, 10247), (1161, 10250), (1182, 10271), (1196, 10283), (1242, 10364), (1246, 10376),

Gene: Jsquared_11 Start: 6331, Stop: 8112, Start Num: 103
Candidate Starts for Jsquared_11:
(27, 6172), (Start: 103 @6331 has 278 MA's), (Start: 239 @6475 has 2 MA's), (262, 6520), (288, 6562), (309, 6586), (350, 6649), (388, 6703), (473, 6844), (476, 6847), (503, 6886), (558, 6955), (593, 7045), (603, 7069), (671, 7198), (673, 7201), (835, 7474), (1007, 7714), (1026, 7735), (1086, 7819), (1096, 7831), (1269, 8068), (1290, 8095), (1292, 8098), (1294, 8101),

Gene: Jstan_2 Start: 534, Stop: 2240, Start Num: 101
Candidate Starts for Jstan_2:
(Start: 101 @534 has 50 MA's), (Start: 224 @621 has 17 MA's), (444, 906), (476, 963), (491, 984), (512, 1011), (572, 1101), (596, 1155), (619, 1200), (646, 1275), (699, 1365), (800, 1488), (828, 1527), (915, 1650), (1038, 1830), (1061, 1863), (1096, 1905), (1106, 1920), (1196, 2055), (1217, 2091), (1251, 2151), (1256, 2163),

Gene: JuJu_2 Start: 352, Stop: 1959, Start Num: 154
Candidate Starts for JuJu_2:
(Start: 154 @352 has 1 MA's), (157, 355), (Start: 163 @361 has 37 MA's), (269, 475), (313, 517), (Start: 324 @535 has 4 MA's), (334, 550), (362, 571), (396, 631), (409, 655), (431, 691), (451, 727), (454, 739), (489, 781), (491, 784), (607, 961), (630, 1003), (637, 1018), (642, 1033), (643, 1036), (702, 1111), (736, 1162), (837, 1318), (855, 1339), (857, 1342), (914, 1429), (923, 1441), (953, 1477), (984, 1516), (988, 1522), (990, 1528), (1005, 1558), (1031, 1594), (1033, 1597), (1085, 1657), (1087, 1660), (1093, 1669), (1148, 1738), (1250, 1888), (1287, 1942),

Gene: Jubie_5 Start: 1190, Stop: 2755, Start Num: 149
Candidate Starts for Jubie_5:
(Start: 104 @1139 has 125 MA's), (Start: 112 @1148 has 1 MA's), (Start: 149 @1190 has 70 MA's), (Start: 155 @1196 has 82 MA's), (284, 1367), (312, 1397), (374, 1472), (379, 1478), (381, 1484), (476, 1640), (484, 1649), (486, 1652), (488, 1655), (550, 1730), (582, 1784), (584, 1787), (585, 1790), (688, 2021), (737, 2096), (753, 2117), (757, 2123), (808, 2192), (848, 2216), (866, 2234), (876, 2249), (963, 2363), (988, 2402), (990, 2408), (1031, 2474), (1078, 2528), (1111, 2564), (1118, 2576), (1155, 2615), (1228, 2702), (1252, 2747), (1254, 2750),

Gene: Judy_2 Start: 625, Stop: 2373, Start Num: 236
Candidate Starts for Judy_2:
(189, 574), (213, 601), (Start: 236 @625 has 15 MA's), (295, 718), (382, 859), (385, 865), (403, 898), (405, 901), (419, 919), (439, 961), (482, 1039), (498, 1063), (510, 1075), (536, 1114), (548, 1135), (567, 1168), (605, 1261), (691, 1420), (697, 1435), (723, 1474), (784, 1570), (907, 1747), (913, 1762), (924, 1786), (1026, 1969), (1041, 1996), (1056, 2020), (1064, 2038), (1088, 2068), (1129, 2125), (1150, 2152), (1177, 2176), (1185, 2185), (1226, 2236), (1251, 2290),

Gene: Juicebox_3 Start: 1306, Stop: 2937, Start Num: 135
Candidate Starts for Juicebox_3:
(132, 1303), (Start: 135 @1306 has 2 MA's), (156, 1315), (382, 1573), (434, 1663), (462, 1714), (465, 1720), (476, 1732), (619, 1972), (645, 2044), (687, 2119), (747, 2179), (814, 2284), (848, 2308), (890, 2350), (920, 2407), (930, 2422), (943, 2437), (983, 2470), (1096, 2650), (1137, 2707), (1187, 2746), (1249, 2848), (1256, 2863), (1300, 2926),

Gene: JulesRay_13 Start: 7494, Stop: 9239, Start Num: 217
Candidate Starts for JulesRay_13:
(Start: 217 @7494 has 209 MA's), (222, 7500), (280, 7587), (287, 7593), (315, 7629), (343, 7683), (393, 7779), (504, 7968), (523, 7986), (525, 7989), (561, 8058), (604, 8160), (621, 8196), (628, 8217), (636, 8241), (660, 8298), (680, 8346), (709, 8412), (728, 8445), (731, 8451), (748, 8481), (761, 8502), (804, 8574), (949, 8769), (991, 8835), (1000, 8856), (1003, 8859), (1043, 8919), (1125, 9030), (1161,

9066), (1182, 9087), (1196, 9099), (1224, 9144), (1226, 9147), (1244, 9189), (1246, 9192),

Gene: JuliaChild_13 Start: 7479, Stop: 9167, Start Num: 102
Candidate Starts for JuliaChild_13:
(Start: 102 @7479 has 391 MA's), (Start: 302 @7659 has 3 MA's), (363, 7743), (383, 7779), (406, 7806), (476, 7929), (558, 8037), (593, 8127), (603, 8151), (621, 8178), (637, 8226), (720, 8382), (760, 8442), (939, 8676), (952, 8688), (988, 8730), (995, 8751), (1020, 8778), (1096, 8886), (1182, 8976), (1246, 9081),

Gene: Julie_6 Start: 2172, Stop: 3869, Start Num: 197
Candidate Starts for Julie_6:
(171, 2139), (Start: 197 @2172 has 23 MA's), (282, 2292), (Start: 300 @2313 has 12 MA's), (312, 2328), (330, 2361), (374, 2403), (377, 2406), (400, 2451), (409, 2469), (412, 2472), (455, 2547), (491, 2598), (554, 2652), (607, 2766), (635, 2823), (636, 2826), (643, 2847), (680, 2922), (815, 3144), (829, 3159), (876, 3231), (879, 3237), (904, 3297), (914, 3330), (943, 3369), (963, 3387), (986, 3429), (1015, 3462), (1038, 3501), (1096, 3543), (1126, 3585), (1203, 3660), (1208, 3669), (1246, 3732), (1318, 3858),

Gene: Jumboset_5 Start: 3286, Stop: 4641, Start Num: 324
Candidate Starts for Jumboset_5:
(Start: 155 @3076 has 82 MA's), (Start: 324 @3286 has 4 MA's), (374, 3340), (409, 3406), (430, 3430), (573, 3646), (584, 3661), (586, 3667), (607, 3727), (636, 3787), (740, 3886), (759, 3916), (768, 3931), (815, 4012), (880, 4090), (883, 4099), (905, 4135), (923, 4174), (953, 4207), (963, 4216), (977, 4243), (1020, 4297), (1044, 4339), (1111, 4384), (1126, 4405), (1141, 4429), (1222, 4507), (1308, 4627),

Gene: JuneStar_2 Start: 545, Stop: 2242, Start Num: 101
Candidate Starts for JuneStar_2:
(12, 242), (Start: 101 @545 has 50 MA's), (Start: 224 @632 has 17 MA's), (444, 917), (476, 974), (503, 1016), (572, 1112), (596, 1166), (646, 1286), (699, 1376), (915, 1661), (992, 1772), (1038, 1841), (1096, 1916), (1106, 1931), (1196, 2057), (1244, 2141), (1256, 2165),

Gene: Jung_2 Start: 400, Stop: 2076, Start Num: 134
Candidate Starts for Jung_2:
(Start: 134 @400 has 105 MA's), (313, 616), (338, 655), (360, 712), (362, 718), (373, 736), (397, 781), (404, 793), (409, 802), (414, 808), (451, 865), (459, 886), (467, 898), (541, 988), (636, 1177), (702, 1273), (720, 1303), (736, 1324), (837, 1477), (873, 1522), (984, 1675), (989, 1684), (1000, 1711), (1031, 1753), (1044, 1771), (1118, 1855), (1130, 1870), (1269, 2059),

Gene: Junimo_10 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Junimo_10:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Juniormint_2 Start: 413, Stop: 2089, Start Num: 134
Candidate Starts for Juniormint_2:
(Start: 134 @413 has 105 MA's), (Start: 232 @524 has 12 MA's), (313, 629), (338, 668), (360, 725), (362, 731), (373, 749), (397, 794), (400, 797), (404, 806), (409, 815), (414, 821), (417, 824), (451, 878), (459, 899), (467, 911), (541, 1001), (636, 1190), (702, 1286), (736, 1337), (828, 1478), (837, 1490), (935, 1622), (984, 1688), (989, 1697), (1000, 1724), (1031, 1766), (1044, 1784), (1118, 1868), (1130, 1883), (1269, 2072),

Gene: Juniper1_2 Start: 571, Stop: 2208, Start Num: 126
Candidate Starts for Juniper1_2:
(Start: 126 @571 has 206 MA's), (133, 580), (Start: 147 @595 has 3 MA's), (Start: 184 @628 has 3 MA's), (Start: 217 @652 has 209 MA's), (Start: 219 @655 has 2 MA's), (271, 718), (310, 757), (372, 844), (419, 904), (442, 928), (445, 937), (447, 940), (454, 961), (467, 982), (519, 1054), (543, 1093), (580, 1162), (584, 1168), (597, 1198), (598, 1201), (603, 1210), (612, 1225), (621, 1243), (638, 1294), (670, 1345), (689, 1387), (695, 1396), (845, 1567), (859, 1579), (915, 1663), (934, 1693), (937, 1696), (940, 1699), (988, 1756), (993, 1771), (995, 1777), (996, 1780), (1007, 1795), (1020, 1804), (1062, 1873), (1082, 1903), (1084, 1912), (1112, 1945), (1130, 1963), (1140, 1978), (1163, 1993), (1176, 2005), (1202, 2038), (1214, 2059), (1219, 2065), (1222, 2068), (1235, 2089), (1246, 2113), (1251, 2122), (1253, 2125), (1284, 2182),

Gene: Juno112_2 Start: 370, Stop: 1992, Start Num: 182
Candidate Starts for Juno112_2:
(Start: 164 @349 has 12 MA's), (Start: 182 @370 has 18 MA's), (374, 601), (377, 604), (381, 613), (400, 649), (409, 667), (455, 745), (554, 850), (607, 964), (625, 988), (636, 1024), (643, 1045), (651, 1060), (682, 1120), (698, 1141), (744, 1204), (896, 1420), (905, 1432), (916, 1459), (949, 1498), (953, 1504), (980, 1543), (1000, 1570), (1014, 1582), (1030, 1615), (1038, 1627), (1058, 1654), (1063, 1660), (1246, 1900), (1249, 1906), (1259, 1927), (1271, 1948), (1304, 1978), (1306, 1981), (1308, 1984),

Gene: JustASigh_2 Start: 553, Stop: 2340, Start Num: 76
Candidate Starts for JustASigh_2:
(Start: 76 @553 has 1 MA's), (315, 850), (332, 883), (396, 964), (451, 1048), (454, 1060), (531, 1147), (585, 1237), (631, 1342), (704, 1495), (716, 1513), (758, 1582), (833, 1699), (866, 1741), (873, 1750), (914, 1816), (939, 1846), (999, 1936), (1005, 1945), (1009, 1951), (1017, 1954), (1028, 1975), (1118, 2083), (1130, 2098), (1148, 2125), (1186, 2170), (1200, 2188), (1225, 2224), (1229, 2230), (1246, 2260),

Gene: KADY_14 Start: 7041, Stop: 8741, Start Num: 104
Candidate Starts for KADY_14:
(Start: 104 @7041 has 125 MA's), (151, 7089), (292, 7224), (426, 7416), (476, 7503), (593, 7701), (634, 7791), (671, 7854), (760, 8016), (915, 8214), (928, 8238), (930, 8241), (988, 8304), (995, 8325), (1026, 8364), (1096, 8460), (1134, 8514), (1182, 8550), (1269, 8697), (1292, 8727), (1294, 8730),

Gene: KBG_12 Start: 7912, Stop: 9600, Start Num: 102
Candidate Starts for KBG_12:
(Start: 102 @7912 has 391 MA's), (Start: 302 @8092 has 3 MA's), (363, 8176), (383, 8212), (406, 8239), (476, 8362), (558, 8470), (593, 8560), (603, 8584), (637, 8659), (720, 8815), (760, 8875), (930, 9100), (939, 9109), (952, 9121), (988, 9163), (995, 9184), (1020, 9211), (1096, 9319), (1182, 9409), (1246, 9514),

Gene: KFPoly_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for KFPoly_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: KHumphrey_2 Start: 370, Stop: 1992, Start Num: 182
Candidate Starts for KHumphrey_2:

(Start: 164 @349 has 12 MA's), (Start: 182 @370 has 18 MA's), (374, 601), (377, 604), (381, 613), (400, 649), (409, 667), (455, 745), (554, 850), (607, 964), (625, 988), (636, 1024), (643, 1045), (651, 1060), (682, 1120), (744, 1204), (896, 1420), (905, 1432), (916, 1459), (949, 1498), (953, 1504), (980, 1543), (1000, 1570), (1014, 1582), (1030, 1615), (1038, 1627), (1058, 1654), (1063, 1660), (1203, 1831), (1246, 1900), (1249, 1906), (1259, 1927), (1271, 1948), (1304, 1978), (1306, 1981), (1308, 1984),

Gene: KSSJEB_11 Start: 6817, Stop: 8505, Start Num: 102
Candidate Starts for KSSJEB_11:
(Start: 102 @6817 has 391 MA's), (363, 7081), (379, 7105), (456, 7240), (476, 7267), (500, 7300), (558, 7375), (593, 7465), (603, 7489), (621, 7516), (637, 7564), (679, 7633), (720, 7720), (758, 7777), (760, 7780), (930, 8005), (939, 8014), (952, 8026), (988, 8068), (995, 8089), (1020, 8116), (1096, 8224), (1182, 8314), (1246, 8419),

Gene: Kabluna_27 Start: 11923, Stop: 13647, Start Num: 130
Candidate Starts for Kabluna_27:
(Start: 126 @11917 has 206 MA's), (Start: 130 @11923 has 2 MA's), (270, 12067), (317, 12118), (319, 12124), (337, 12151), (346, 12163), (361, 12193), (375, 12217), (384, 12235), (597, 12628), (612, 12655), (695, 12823), (699, 12835), (716, 12868), (798, 12946), (959, 13162), (973, 13192), (996, 13243), (1031, 13291), (1084, 13366), (1094, 13378), (1121, 13414), (1246, 13552), (1261, 13582),

Gene: Kachowdy_11 Start: 6549, Stop: 8246, Start Num: 102
Candidate Starts for Kachowdy_11:
(Start: 102 @6549 has 391 MA's), (174, 6621), (363, 6819), (465, 6993), (476, 7005), (503, 7044), (518, 7056), (558, 7113), (569, 7137), (593, 7203), (596, 7212), (634, 7293), (643, 7320), (720, 7458), (763, 7524), (778, 7545), (791, 7569), (798, 7578), (864, 7644), (915, 7719), (928, 7743), (930, 7746), (936, 7752), (943, 7761), (988, 7809), (1026, 7869), (1096, 7965), (1130, 8010), (1134, 8019), (1253, 8172), (1269, 8202), (1292, 8232), (1294, 8235),

Gene: Kahlid_4 Start: 1069, Stop: 2637, Start Num: 149
Candidate Starts for Kahlid_4:
(Start: 149 @1069 has 70 MA's), (Start: 155 @1075 has 82 MA's), (271, 1231), (484, 1528), (488, 1534), (533, 1594), (582, 1666), (585, 1672), (636, 1792), (659, 1840), (684, 1894), (700, 1918), (728, 1963), (733, 1969), (753, 1999), (757, 2005), (777, 2032), (782, 2041), (848, 2098), (855, 2104), (873, 2125), (876, 2131), (925, 2206), (927, 2209), (963, 2245), (990, 2290), (1031, 2356), (1093, 2431), (1114, 2449), (1118, 2458), (1241, 2605), (1252, 2629), (1254, 2632),

Gene: Kaijohn_3 Start: 1080, Stop: 2540, Start Num: 193
Candidate Starts for Kaijohn_3:
(Start: 193 @1080 has 146 MA's), (Start: 198 @1086 has 6 MA's), (325, 1248), (330, 1257), (377, 1317), (415, 1386), (431, 1407), (455, 1458), (606, 1662), (669, 1797), (744, 1875), (753, 1890), (777, 1926), (804, 1968), (832, 2001), (840, 2019), (860, 2043), (923, 2139), (925, 2142), (936, 2154), (990, 2229), (1031, 2292), (1044, 2310), (1045, 2313), (1186, 2475), (1199, 2484), (1205, 2493), (1232, 2532),

Gene: Kaine_6 Start: 2218, Stop: 3864, Start Num: 75
Candidate Starts for Kaine_6:
(Start: 70 @2209 has 1 MA's), (Start: 75 @2218 has 95 MA's), (Start: 78 @2221 has 1 MA's), (Start: 92 @2236 has 10 MA's), (325, 2440), (350, 2476), (382, 2521), (443, 2614), (450, 2629), (462, 2656), (468, 2665), (480, 2677), (543, 2764), (571, 2812), (593, 2860), (638, 2959), (663, 2998), (751, 3112), (763, 3133), (786, 3172), (866, 3253), (915, 3322), (917, 3328), (927, 3343), (980, 3406), (1062, 3538), (1096, 3580), (1116, 3607), (1130, 3625), (1184, 3673), (1251, 3781),

Gene: Kalb97_14 Start: 7027, Stop: 8727, Start Num: 104
Candidate Starts for Kalb97_14:
(Start: 104 @7027 has 125 MA's), (151, 7075), (Start: 224 @7147 has 17 MA's), (292, 7210), (476, 7489), (593, 7687), (634, 7777), (671, 7840), (760, 8002), (915, 8200), (928, 8224), (930, 8227), (988, 8290), (992, 8302), (995, 8311), (1007, 8329), (1026, 8350), (1096, 8446), (1134, 8500), (1182, 8536), (1269, 8683), (1292, 8713), (1294, 8716),

Gene: Kalimba_2 Start: 593, Stop: 2281, Start Num: 122
Candidate Starts for Kalimba_2:
(Start: 122 @593 has 16 MA's), (343, 794), (434, 938), (450, 962), (476, 1007), (541, 1094), (572, 1148), (591, 1187), (646, 1322), (705, 1424), (800, 1535), (887, 1646), (915, 1697), (1096, 1952), (1106, 1967), (1251, 2192), (1256, 2204), (1265, 2219),

Gene: Kalizoi_5 Start: 3286, Stop: 4641, Start Num: 324
Candidate Starts for Kalizoi_5:
(Start: 155 @3076 has 82 MA's), (Start: 324 @3286 has 4 MA's), (374, 3340), (404, 3397), (409, 3406), (573, 3646), (584, 3661), (586, 3667), (607, 3727), (636, 3787), (740, 3886), (759, 3916), (768, 3931), (815, 4012), (880, 4090), (883, 4099), (905, 4135), (923, 4174), (953, 4207), (963, 4216), (977, 4243), (1020, 4297), (1044, 4339), (1111, 4384), (1126, 4405), (1141, 4429), (1222, 4507), (1308, 4627),

Gene: Kalnoky_14 Start: 7029, Stop: 8729, Start Num: 104
Candidate Starts for Kalnoky_14:
(Start: 104 @7029 has 125 MA's), (151, 7077), (Start: 224 @7149 has 17 MA's), (292, 7212), (476, 7491), (593, 7689), (634, 7779), (671, 7842), (760, 8004), (915, 8202), (928, 8226), (930, 8229), (988, 8292), (992, 8304), (995, 8313), (1007, 8331), (1026, 8352), (1096, 8448), (1134, 8502), (1182, 8538), (1269, 8685), (1292, 8715), (1294, 8718),

Gene: Kalpine_15 Start: 9215, Stop: 11002, Start Num: 103
Candidate Starts for Kalpine_15:
(27, 9047), (39, 9098), (Start: 103 @9215 has 278 MA's), (Start: 206 @9323 has 29 MA's), (226, 9344), (288, 9452), (325, 9503), (350, 9539), (388, 9593), (406, 9614), (473, 9734), (476, 9737), (558, 9845), (593, 9935), (603, 9959), (647, 10061), (673, 10091), (915, 10478), (988, 10565), (992, 10577), (1007, 10604), (1015, 10607), (1026, 10625), (1096, 10721), (1269, 10958), (1290, 10985), (1292, 10988), (1294, 10991), (1296, 10994),

Gene: Kamdara_3 Start: 937, Stop: 2562, Start Num: 205
Candidate Starts for Kamdara_3:
(Start: 205 @937 has 7 MA's), (Start: 211 @943 has 88 MA's), (330, 1099), (400, 1189), (409, 1207), (426, 1222), (459, 1291), (479, 1315), (489, 1333), (554, 1390), (585, 1441), (586, 1444), (607, 1504), (623, 1525), (632, 1552), (642, 1582), (873, 1921), (962, 2044), (1196, 2359), (1222, 2398), (1304, 2515),

Gene: Kampy_11 Start: 6885, Stop: 8582, Start Num: 102
Candidate Starts for Kampy_11:
(Start: 102 @6885 has 391 MA's), (Start: 126 @6909 has 206 MA's), (Start: 239 @7032 has 2 MA's), (339, 7122), (363, 7155), (426, 7254), (473, 7338), (476, 7341), (503, 7380), (558, 7449), (569, 7473), (593, 7539), (634, 7629), (720, 7794), (778, 7881), (798, 7914), (864, 7980), (913, 8052), (915, 8055), (928, 8079), (980, 8130), (988, 8145), (1007, 8184), (1026, 8205), (1096, 8301), (1269, 8538), (1292, 8568), (1294, 8571),

Gene: Kanely_12 Start: 7589, Stop: 9277, Start Num: 102
Candidate Starts for Kanely_12:

(Start: 102 @7589 has 391 MA's), (363, 7853), (379, 7877), (476, 8039), (500, 8072), (558, 8147), (593, 8237), (603, 8261), (621, 8288), (637, 8336), (720, 8492), (760, 8552), (939, 8786), (952, 8798), (988, 8840), (995, 8861), (1020, 8888), (1096, 8996), (1182, 9086), (1246, 9191),

Gene: KappaFarmDelta_2 Start: 360, Stop: 1928, Start Num: 163
Candidate Starts for KappaFarmDelta_2:
(59, 255), (Start: 163 @360 has 37 MA's), (269, 477), (313, 519), (Start: 324 @537 has 4 MA's), (334, 552), (377, 594), (396, 633), (409, 657), (431, 693), (451, 729), (454, 741), (489, 783), (498, 795), (522, 822), (584, 900), (630, 1005), (637, 1020), (642, 1035), (643, 1038), (702, 1113), (736, 1164), (837, 1320), (855, 1341), (869, 1359), (873, 1365), (914, 1431), (923, 1443), (953, 1479), (984, 1518), (989, 1527), (990, 1530), (1005, 1560), (1033, 1599), (1085, 1659), (1118, 1701), (1148, 1743), (1156, 1758), (1188, 1794), (1251, 1890), (1262, 1902), (1269, 1911),

Gene: Kardashian_7 Start: 3408, Stop: 5147, Start Num: 217
Candidate Starts for Kardashian_7:
(Start: 217 @3408 has 209 MA's), (222, 3414), (252, 3462), (Start: 255 @3465 has 1 MA's), (280, 3501), (287, 3507), (387, 3681), (430, 3735), (446, 3768), (504, 3876), (525, 3897), (596, 4050), (604, 4068), (621, 4104), (628, 4125), (657, 4200), (680, 4254), (728, 4353), (755, 4401), (804, 4482), (859, 4551), (868, 4563), (921, 4641), (944, 4674), (967, 4695), (1000, 4764), (1003, 4767), (1038, 4818), (1161, 4974), (1163, 4977), (1182, 4995), (1196, 5007), (1207, 5025), (1244, 5097), (1253, 5112),

Gene: Kardesai_7 Start: 3847, Stop: 5601, Start Num: 217
Candidate Starts for Kardesai_7:
(172, 3793), (Start: 211 @3841 has 88 MA's), (Start: 217 @3847 has 209 MA's), (280, 3940), (287, 3946), (402, 4138), (446, 4213), (458, 4243), (482, 4273), (504, 4321), (523, 4339), (525, 4342), (547, 4384), (604, 4513), (680, 4699), (728, 4798), (770, 4870), (804, 4927), (859, 5005), (868, 5017), (949, 5131), (967, 5149), (990, 5194), (1000, 5218), (1003, 5221), (1030, 5260), (1131, 5401), (1179, 5446), (1182, 5449), (1196, 5461), (1226, 5509), (1242, 5542), (1244, 5551), (1246, 5554),

Gene: Karhdo_2 Start: 588, Stop: 2225, Start Num: 126
Candidate Starts for Karhdo_2:
(Start: 126 @588 has 206 MA's), (Start: 139 @603 has 1 MA's), (Start: 147 @612 has 3 MA's), (153, 618), (Start: 184 @645 has 3 MA's), (Start: 217 @669 has 209 MA's), (Start: 219 @672 has 2 MA's), (271, 735), (291, 753), (310, 774), (372, 861), (375, 867), (419, 921), (433, 933), (442, 945), (445, 954), (447, 957), (454, 978), (467, 999), (482, 1014), (519, 1071), (543, 1110), (580, 1179), (584, 1185), (597, 1215), (598, 1218), (603, 1227), (612, 1242), (621, 1260), (638, 1311), (695, 1413), (845, 1584), (859, 1596), (872, 1614), (915, 1680), (934, 1710), (937, 1713), (940, 1716), (988, 1773), (993, 1788), (995, 1794), (996, 1797), (1007, 1812), (1020, 1821), (1062, 1890), (1082, 1920), (1084, 1929), (1112, 1962), (1140, 1995), (1176, 2022), (1202, 2055), (1219, 2082), (1222, 2085), (1235, 2106), (1246, 2130), (1251, 2139), (1253, 2142), (1284, 2199),

Gene: Kari_2 Start: 413, Stop: 2089, Start Num: 134
Candidate Starts for Kari_2:
(Start: 134 @413 has 105 MA's), (313, 629), (338, 668), (360, 725), (362, 731), (373, 749), (397, 794), (404, 806), (409, 815), (414, 821), (451, 878), (459, 899), (467, 911), (541, 1001), (636, 1190), (702, 1286), (720, 1316), (736, 1337), (837, 1490), (984, 1688), (989, 1697), (1000, 1724), (1031, 1766), (1044, 1784), (1118, 1868), (1130, 1883), (1269, 2072),

Gene: Karkharias_2 Start: 625, Stop: 2373, Start Num: 236
Candidate Starts for Karkharias_2:
(189, 574), (213, 601), (Start: 236 @625 has 15 MA's), (295, 718), (382, 859), (385, 865), (395, 883), (403, 898), (405, 901), (482, 1039), (536, 1114), (548, 1135), (605, 1261), (664, 1363), (691, 1420), (697, 1435), (723, 1474), (907, 1747), (913, 1762), (924, 1786), (945, 1819), (1041, 1996), (1056,

2020), (1064, 2038), (1088, 2068), (1098, 2083), (1109, 2098), (1129, 2125), (1150, 2152), (1177, 2176), (1185, 2185), (1226, 2236), (1251, 2290),

Gene: KashFlow_4 Start: 1954, Stop: 3486, Start Num: 232
Candidate Starts for KashFlow_4:
(159, 1870), (Start: 196 @1912 has 1 MA's), (207, 1921), (Start: 232 @1954 has 12 MA's), (323, 2068), (360, 2131), (380, 2164), (381, 2167), (404, 2212), (452, 2287), (454, 2296), (550, 2398), (552, 2401), (588, 2470), (713, 2719), (767, 2782), (783, 2809), (900, 2968), (918, 3004), (939, 3025), (952, 3034), (962, 3043), (990, 3097), (1000, 3121), (1186, 3355), (1202, 3367),

Gene: Katalie_7 Start: 2648, Stop: 4294, Start Num: 75
Candidate Starts for Katalie_7:
(Start: 75 @2648 has 95 MA's), (Start: 92 @2666 has 10 MA's), (325, 2870), (382, 2951), (462, 3086), (480, 3107), (515, 3152), (543, 3194), (582, 3266), (593, 3290), (638, 3389), (673, 3443), (699, 3500), (786, 3602), (841, 3662), (871, 3689), (927, 3773), (936, 3785), (992, 3863), (1017, 3896), (1064, 3971), (1096, 4010), (1112, 4031), (1116, 4037), (1130, 4055), (1217, 4151), (1251, 4211),

Gene: Katalie136_11 Start: 6893, Stop: 8590, Start Num: 102
Candidate Starts for Katalie136_11:
(Start: 102 @6893 has 391 MA's), (Start: 126 @6917 has 206 MA's), (363, 7163), (429, 7268), (473, 7346), (476, 7349), (503, 7388), (558, 7457), (569, 7481), (593, 7547), (634, 7637), (720, 7802), (778, 7889), (888, 8015), (913, 8060), (915, 8063), (928, 8087), (988, 8153), (1007, 8192), (1026, 8213), (1096, 8309), (1267, 8543), (1269, 8546), (1292, 8576), (1294, 8579),

Gene: Kate33_3 Start: 768, Stop: 2396, Start Num: 211
Candidate Starts for Kate33_3:
(Start: 211 @768 has 88 MA's), (330, 924), (409, 1032), (443, 1077), (459, 1116), (489, 1158), (554, 1215), (585, 1266), (586, 1269), (607, 1329), (622, 1347), (632, 1377), (642, 1407), (963, 1878), (1030, 1980), (1222, 2229), (1249, 2277), (1261, 2301), (1304, 2346),

Gene: KatherineG_14 Start: 6808, Stop: 8505, Start Num: 103
Candidate Starts for KatherineG_14:
(Start: 103 @6808 has 278 MA's), (121, 6826), (292, 6988), (445, 7213), (476, 7267), (558, 7375), (571, 7402), (593, 7465), (603, 7489), (928, 8005), (988, 8068), (1015, 8110), (1096, 8224), (1196, 8329), (1269, 8461), (1290, 8488), (1292, 8491), (1294, 8494),

Gene: Katzastrophic_3 Start: 938, Stop: 2503, Start Num: 211
Candidate Starts for Katzastrophic_3:
(Start: 211 @938 has 88 MA's), (330, 1094), (409, 1202), (455, 1280), (461, 1289), (482, 1316), (554, 1385), (585, 1436), (607, 1499), (642, 1577), (829, 1850), (914, 1988), (1008, 2117), (1015, 2120), (1255, 2420), (1314, 2495),

Gene: KayGee_4 Start: 906, Stop: 2582, Start Num: 176
Candidate Starts for KayGee_4:
(Start: 176 @906 has 83 MA's), (Start: 224 @957 has 17 MA's), (237, 978), (295, 1023), (325, 1065), (350, 1101), (450, 1263), (468, 1299), (476, 1308), (480, 1311), (507, 1359), (518, 1371), (572, 1458), (654, 1638), (687, 1692), (791, 1872), (814, 1905), (890, 1971), (917, 2037), (920, 2043), (988, 2127), (1038, 2208), (1061, 2241), (1116, 2310), (1196, 2388), (1253, 2487), (1265, 2508), (1269, 2514), (1311, 2568), (1313, 2571),

Gene: KayMoney_2 Start: 625, Stop: 2373, Start Num: 236
Candidate Starts for KayMoney_2:

(189, 574), (213, 601), (Start: 236 @625 has 15 MA's), (295, 718), (382, 859), (385, 865), (403, 898), (405, 901), (419, 919), (439, 961), (482, 1039), (498, 1063), (510, 1075), (536, 1114), (548, 1135), (567, 1168), (590, 1222), (603, 1255), (605, 1261), (664, 1363), (691, 1420), (697, 1435), (723, 1474), (784, 1570), (907, 1747), (913, 1762), (924, 1786), (1026, 1969), (1041, 1996), (1056, 2020), (1064, 2038), (1088, 2068), (1129, 2125), (1150, 2152), (1177, 2176), (1185, 2185), (1201, 2203), (1226, 2236), (1251, 2290),

Gene: KayPaulus_3 Start: 1071, Stop: 2531, Start Num: 193
Candidate Starts for KayPaulus_3:
(Start: 193 @1071 has 146 MA's), (Start: 198 @1077 has 6 MA's), (325, 1239), (330, 1248), (377, 1308), (415, 1377), (431, 1398), (455, 1449), (606, 1653), (623, 1677), (669, 1788), (744, 1866), (753, 1881), (777, 1917), (804, 1959), (832, 1992), (840, 2010), (923, 2130), (925, 2133), (936, 2145), (990, 2220), (1031, 2283), (1044, 2301), (1045, 2304), (1186, 2466), (1199, 2475), (1232, 2523),

Gene: Kaylissa_2 Start: 533, Stop: 2239, Start Num: 101
Candidate Starts for Kaylissa_2:
(12, 242), (14, 251), (Start: 101 @533 has 50 MA's), (444, 905), (476, 962), (512, 1010), (572, 1100), (596, 1154), (646, 1274), (699, 1364), (828, 1526), (915, 1649), (1096, 1904), (1106, 1919), (1144, 1973), (1196, 2054), (1244, 2138), (1256, 2162),

Gene: Kazan_15 Start: 7539, Stop: 9293, Start Num: 103
Candidate Starts for Kazan_15:
(Start: 103 @7539 has 278 MA's), (288, 7770), (325, 7821), (350, 7857), (406, 7932), (476, 8055), (503, 8094), (558, 8163), (569, 8187), (571, 8190), (593, 8253), (603, 8277), (646, 8376), (647, 8379), (671, 8406), (673, 8409), (864, 8694), (920, 8781), (928, 8793), (988, 8856), (1007, 8895), (1026, 8916), (1086, 9000), (1096, 9012), (1269, 9249), (1290, 9276), (1292, 9279),

Gene: KeAlii_2 Start: 518, Stop: 2215, Start Num: 103
Candidate Starts for KeAlii_2:
(Start: 103 @518 has 278 MA's), (Start: 122 @539 has 16 MA's), (444, 890), (476, 947), (572, 1085), (584, 1109), (619, 1184), (646, 1259), (828, 1511), (915, 1631), (1064, 1850), (1096, 1886), (1106, 1901), (1256, 2144),

Gene: KeaneyLin_7 Start: 3847, Stop: 5601, Start Num: 217
Candidate Starts for KeaneyLin_7:
(172, 3793), (Start: 211 @3841 has 88 MA's), (Start: 217 @3847 has 209 MA's), (280, 3940), (287, 3946), (402, 4138), (446, 4213), (458, 4243), (482, 4273), (504, 4321), (525, 4342), (604, 4513), (680, 4699), (728, 4798), (770, 4870), (804, 4927), (859, 5005), (868, 5017), (949, 5131), (967, 5149), (990, 5194), (1000, 5218), (1003, 5221), (1030, 5260), (1131, 5401), (1179, 5446), (1182, 5449), (1196, 5461), (1226, 5509), (1242, 5542), (1244, 5551), (1246, 5554),

Gene: KekoraPapaka_10 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for KekoraPapaka_10:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: KendraB23_4 Start: 958, Stop: 2538, Start Num: 224
Candidate Starts for KendraB23_4:
(Start: 164 @892 has 12 MA's), (Start: 224 @958 has 17 MA's), (Start: 300 @1054 has 12 MA's), (306, 1063), (355, 1117), (381, 1156), (401, 1195), (409, 1210), (430, 1234), (443, 1255), (587, 1456), (607,

1507), (622, 1525), (636, 1567), (643, 1588), (674, 1648), (687, 1678), (698, 1687), (744, 1750), (905, 1978), (923, 2017), (949, 2044), (963, 2059), (980, 2089), (1014, 2128), (1063, 2206), (1093, 2236), (1114, 2263), (1246, 2446), (1249, 2452), (1259, 2473), (1306, 2527),

Gene: Kenmech_14 Start: 8093, Stop: 9781, Start Num: 108
Candidate Starts for Kenmech_14:
(Start: 108 @8093 has 24 MA's), (Start: 302 @8273 has 3 MA's), (363, 8357), (380, 8384), (383, 8393), (476, 8543), (500, 8576), (558, 8651), (593, 8741), (603, 8765), (621, 8792), (637, 8840), (643, 8858), (679, 8909), (714, 8984), (720, 8996), (760, 9056), (939, 9290), (952, 9302), (988, 9344), (995, 9365), (1020, 9392), (1096, 9500), (1182, 9590), (1246, 9695),

Gene: Kenosha_14 Start: 8088, Stop: 9833, Start Num: 217
Candidate Starts for Kenosha_14:
(Start: 217 @8088 has 209 MA's), (222, 8094), (280, 8181), (287, 8187), (315, 8223), (343, 8277), (353, 8307), (393, 8373), (446, 8454), (482, 8514), (504, 8562), (523, 8580), (525, 8583), (561, 8652), (584, 8691), (596, 8736), (604, 8754), (628, 8811), (660, 8892), (680, 8940), (728, 9039), (731, 9045), (761, 9096), (765, 9102), (791, 9144), (804, 9168), (949, 9363), (982, 9405), (991, 9429), (1000, 9450), (1003, 9453), (1131, 9633), (1179, 9678), (1182, 9681), (1196, 9693), (1244, 9783), (1246, 9786),

Gene: Kenuha5_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Kenuha5_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Kenzers_3 Start: 677, Stop: 2305, Start Num: 211
Candidate Starts for Kenzers_3:
(Start: 211 @677 has 88 MA's), (330, 833), (409, 941), (459, 1025), (479, 1049), (489, 1067), (554, 1124), (585, 1175), (586, 1178), (607, 1238), (622, 1256), (632, 1286), (642, 1316), (949, 1772), (963, 1787), (1222, 2138), (1249, 2186), (1318, 2294),

Gene: Kepler_3 Start: 848, Stop: 2329, Start Num: 300
Candidate Starts for Kepler_3:
(Start: 164 @683 has 12 MA's), (Start: 300 @848 has 12 MA's), (325, 887), (374, 938), (381, 950), (400, 986), (409, 1004), (554, 1187), (573, 1220), (607, 1301), (619, 1313), (636, 1361), (643, 1382), (651, 1397), (682, 1454), (905, 1769), (949, 1835), (962, 1847), (980, 1880), (1014, 1919), (1020, 1931), (1030, 1952), (1063, 1997), (1093, 2027), (1126, 2072), (1157, 2114), (1182, 2141), (1184, 2144), (1246, 2237), (1249, 2243), (1259, 2264), (1265, 2276), (1304, 2315), (1306, 2318),

Gene: Kerberos_15 Start: 7375, Stop: 9162, Start Num: 103
Candidate Starts for Kerberos_15:
(31, 7216), (34, 7243), (Start: 103 @7375 has 278 MA's), (Start: 206 @7483 has 29 MA's), (226, 7504), (262, 7570), (288, 7612), (350, 7699), (473, 7894), (476, 7897), (558, 8005), (593, 8095), (603, 8119), (646, 8218), (671, 8248), (673, 8251), (729, 8362), (857, 8551), (980, 8710), (988, 8725), (992, 8737), (1007, 8764), (1026, 8785), (1086, 8869), (1096, 8881), (1182, 8971), (1269, 9118), (1290, 9145), (1292, 9148),

Gene: Kerry_13 Start: 7213, Stop: 8958, Start Num: 217
Candidate Starts for Kerry_13:
(Start: 217 @7213 has 209 MA's), (222, 7219), (280, 7306), (287, 7312), (315, 7348), (343, 7402), (504, 7687), (523, 7705), (525, 7708), (561, 7777), (604, 7879), (621, 7915), (628, 7936), (636, 7960), (660, 8017), (680, 8065), (709, 8131), (728, 8164), (731, 8170), (748, 8200), (761, 8221), (804, 8293), (949, 8488), (991, 8554), (1000, 8575), (1003, 8578), (1043, 8638), (1125, 8749), (1161, 8785), (1182, 8806), (1196, 8818), (1226, 8866), (1244, 8908), (1246, 8911),

Gene: Kersh_2 Start: 575, Stop: 2212, Start Num: 126
Candidate Starts for Kersh_2:
(Start: 126 @575 has 206 MA's), (133, 584), (Start: 147 @599 has 3 MA's), (Start: 176 @620 has 83 MA's), (Start: 184 @632 has 3 MA's), (Start: 217 @656 has 209 MA's), (Start: 219 @659 has 2 MA's), (Start: 231 @677 has 26 MA's), (271, 722), (310, 761), (372, 848), (419, 908), (433, 920), (442, 932), (445, 941), (447, 944), (454, 965), (467, 986), (482, 1001), (519, 1058), (543, 1097), (580, 1166), (584, 1172), (597, 1202), (598, 1205), (603, 1214), (612, 1229), (621, 1247), (638, 1298), (689, 1391), (695, 1400), (845, 1571), (859, 1583), (915, 1667), (934, 1697), (937, 1700), (940, 1703), (988, 1760), (993, 1775), (995, 1781), (996, 1784), (1007, 1799), (1020, 1808), (1062, 1877), (1082, 1907), (1084, 1916), (1112, 1949), (1140, 1982), (1176, 2009), (1202, 2042), (1219, 2069), (1222, 2072), (1235, 2093), (1246, 2117), (1251, 2126), (1253, 2129), (1284, 2186),

Gene: Kevanna_3 Start: 1071, Stop: 2531, Start Num: 193
Candidate Starts for Kevanna_3:
(Start: 193 @1071 has 146 MA's), (Start: 198 @1077 has 6 MA's), (325, 1239), (330, 1248), (377, 1308), (415, 1377), (431, 1398), (455, 1449), (606, 1653), (623, 1677), (669, 1788), (744, 1866), (753, 1881), (777, 1917), (804, 1959), (832, 1992), (840, 2010), (923, 2130), (925, 2133), (936, 2145), (990, 2220), (1031, 2283), (1044, 2301), (1045, 2304), (1186, 2466), (1199, 2475), (1232, 2523),

Gene: Kevin1_2 Start: 495, Stop: 2030, Start Num: 231
Candidate Starts for Kevin1_2:
(Start: 231 @495 has 26 MA's), (Start: 234 @498 has 29 MA's), (Start: 245 @513 has 1 MA's), (282, 570), (Start: 297 @588 has 2 MA's), (309, 600), (368, 672), (395, 720), (400, 729), (443, 792), (487, 864), (508, 912), (584, 1011), (591, 1035), (601, 1062), (636, 1134), (641, 1149), (652, 1167), (713, 1275), (728, 1299), (769, 1362), (830, 1446), (873, 1503), (886, 1518), (918, 1575), (930, 1593), (953, 1620), (995, 1689), (1033, 1746), (1047, 1755), (1079, 1776), (1098, 1809), (1109, 1824), (1124, 1845), (1134, 1860), (1207, 1941), (1210, 1947),

Gene: KevinMinion_7 Start: 3386, Stop: 5119, Start Num: 217
Candidate Starts for KevinMinion_7:
(Start: 217 @3386 has 209 MA's), (287, 3485), (438, 3722), (458, 3770), (504, 3848), (523, 3866), (525, 3869), (561, 3938), (604, 4040), (616, 4064), (636, 4121), (680, 4226), (728, 4325), (744, 4355), (770, 4397), (804, 4454), (859, 4523), (868, 4535), (949, 4649), (967, 4667), (1000, 4736), (1003, 4739), (1146, 4943), (1182, 4967), (1196, 4979), (1203, 4991), (1224, 5024), (1244, 5069), (1246, 5072),

Gene: Keziacharles14_11 Start: 6280, Stop: 8064, Start Num: 103
Candidate Starts for Keziacharles14_11:
(Start: 103 @6280 has 278 MA's), (Start: 117 @6292 has 12 MA's), (Start: 123 @6298 has 9 MA's), (Start: 231 @6409 has 26 MA's), (288, 6508), (406, 6670), (445, 6742), (476, 6796), (503, 6835), (558, 6907), (593, 6997), (603, 7021), (637, 7096), (663, 7138), (673, 7153), (727, 7261), (776, 7336), (837, 7432), (888, 7492), (988, 7627), (1007, 7666), (1026, 7687), (1086, 7771), (1096, 7783), (1182, 7873), (1198, 7891), (1269, 8020), (1290, 8047), (1292, 8050),

Gene: Khuang_2 Start: 390, Stop: 1988, Start Num: 187

Candidate Starts for Khuang_2:
(125, 318), (Start: 187 @390 has 2 MA's), (282, 507), (381, 630), (443, 759), (554, 918), (586, 972), (605, 1029), (636, 1092), (815, 1341), (836, 1371), (844, 1383), (906, 1470), (914, 1494), (918, 1503), (923, 1509), (953, 1542), (973, 1569), (974, 1572), (1020, 1632), (1099, 1704), (1143, 1767), (1182, 1788), (1189, 1797), (1220, 1836), (1286, 1950), (1291, 1956),

Gene: KidneyBean_24 Start: 12917, Stop: 14644, Start Num: 124
Candidate Starts for KidneyBean_24:
(22, 12683), (52, 12812), (Start: 124 @12917 has 12 MA's), (270, 13067), (317, 13118), (319, 13124), (346, 13163), (361, 13193), (375, 13217), (384, 13235), (398, 13262), (425, 13325), (597, 13628), (612, 13655), (643, 13739), (695, 13823), (699, 13835), (716, 13868), (798, 13946), (867, 14024), (915, 14096), (937, 14129), (973, 14192), (988, 14219), (996, 14243), (1020, 14267), (1084, 14366), (1121, 14414), (1246, 14552), (1261, 14582), (1297, 14636),

Gene: Kieran_3 Start: 938, Stop: 2563, Start Num: 205
Candidate Starts for Kieran_3:
(4, 410), (Start: 205 @938 has 7 MA's), (Start: 211 @944 has 88 MA's), (330, 1100), (400, 1190), (409, 1208), (426, 1223), (459, 1292), (479, 1316), (489, 1334), (554, 1391), (585, 1442), (586, 1445), (607, 1505), (623, 1526), (632, 1553), (642, 1583), (873, 1922), (962, 2045), (1196, 2360), (1222, 2399), (1304, 2516),

Gene: Kihatsu_7 Start: 2288, Stop: 3994, Start Num: 197
Candidate Starts for Kihatsu_7:
(145, 2231), (Start: 180 @2267 has 11 MA's), (Start: 197 @2288 has 23 MA's), (282, 2411), (Start: 300 @2432 has 12 MA's), (312, 2447), (330, 2480), (377, 2525), (379, 2528), (400, 2570), (409, 2588), (412, 2591), (443, 2633), (489, 2714), (491, 2717), (554, 2771), (607, 2885), (643, 2966), (678, 3032), (680, 3041), (768, 3203), (815, 3269), (829, 3284), (914, 3455), (963, 3512), (986, 3554), (1015, 3587), (1038, 3626), (1096, 3668), (1189, 3767), (1203, 3785), (1205, 3788), (1208, 3794), (1246, 3857), (1318, 3983),

Gene: KikiBouba_13 Start: 7560, Stop: 9248, Start Num: 102
Candidate Starts for KikiBouba_13:
(Start: 102 @7560 has 391 MA's), (Start: 302 @7740 has 3 MA's), (363, 7824), (383, 7860), (406, 7887), (476, 8010), (500, 8043), (558, 8118), (593, 8208), (603, 8232), (621, 8259), (637, 8307), (679, 8376), (714, 8451), (720, 8463), (727, 8472), (760, 8523), (930, 8748), (939, 8757), (952, 8769), (988, 8811), (995, 8832), (1020, 8859), (1096, 8967), (1182, 9057), (1246, 9162),

Gene: Kiko_2 Start: 407, Stop: 2017, Start Num: 175
Candidate Starts for Kiko_2:
(Start: 175 @407 has 14 MA's), (331, 593), (431, 728), (454, 776), (509, 848), (607, 1001), (630, 1043), (642, 1073), (679, 1136), (702, 1187), (747, 1259), (752, 1268), (754, 1271), (766, 1289), (785, 1319), (835, 1394), (898, 1481), (914, 1514), (952, 1559), (984, 1601), (1027, 1670), (1031, 1679), (1044, 1697), (1111, 1769), (1135, 1805), (1164, 1847), (1183, 1868), (1188, 1874),

Gene: KilKor_2 Start: 400, Stop: 2076, Start Num: 134
Candidate Starts for KilKor_2:
(Start: 134 @400 has 105 MA's), (313, 616), (338, 655), (360, 712), (362, 718), (373, 736), (397, 781), (404, 793), (409, 802), (414, 808), (451, 865), (459, 886), (467, 898), (541, 988), (636, 1177), (702, 1273), (720, 1303), (736, 1324), (828, 1465), (837, 1477), (873, 1522), (984, 1675), (989, 1684), (1000, 1711), (1031, 1753), (1044, 1771), (1118, 1855), (1130, 1870), (1269, 2059),

Gene: KillerTomato_3 Start: 1125, Stop: 2585, Start Num: 193
Candidate Starts for KillerTomato_3:

(Start: 193 @1125 has 146 MA's), (Start: 198 @1131 has 6 MA's), (325, 1293), (330, 1302), (377, 1362), (415, 1431), (431, 1452), (455, 1503), (606, 1707), (669, 1842), (744, 1920), (753, 1935), (777, 1971), (804, 2013), (832, 2046), (840, 2064), (923, 2184), (925, 2187), (936, 2199), (990, 2274), (1031, 2337), (1044, 2355), (1045, 2358), (1186, 2520), (1205, 2538), (1232, 2577),

Gene: Killigrew_9 Start: 6454, Stop: 8142, Start Num: 102
Candidate Starts for Killigrew_9:
(Start: 102 @6454 has 391 MA's), (363, 6718), (379, 6742), (476, 6904), (500, 6937), (558, 7012), (593, 7102), (603, 7126), (621, 7153), (637, 7201), (714, 7345), (720, 7357), (760, 7417), (930, 7642), (939, 7651), (952, 7663), (988, 7705), (995, 7726), (1020, 7753), (1096, 7861), (1182, 7951), (1246, 8056),

Gene: Kimba_12 Start: 8076, Stop: 9839, Start Num: 103
Candidate Starts for Kimba_12:
(40, 7956), (Start: 103 @8076 has 278 MA's), (Start: 123 @8097 has 9 MA's), (Start: 206 @8184 has 29 MA's), (288, 8313), (309, 8337), (350, 8400), (445, 8544), (473, 8595), (476, 8598), (558, 8709), (569, 8733), (571, 8736), (593, 8799), (596, 8808), (603, 8823), (663, 8940), (673, 8955), (701, 9015), (751, 9099), (920, 9327), (928, 9339), (980, 9387), (988, 9402), (1007, 9441), (1026, 9462), (1049, 9501), (1086, 9546), (1096, 9558), (1269, 9795), (1290, 9822),

Gene: Kimchi_10 Start: 2509, Stop: 4179, Start Num: 301
Candidate Starts for Kimchi_10:
(Start: 301 @2509 has 48 MA's), (344, 2572), (479, 2806), (548, 2908), (632, 3088), (641, 3112), (650, 3130), (663, 3142), (694, 3205), (698, 3217), (725, 3262), (734, 3277), (784, 3355), (811, 3400), (845, 3454), (851, 3460), (917, 3574), (946, 3622), (994, 3718), (1007, 3739), (1019, 3754), (1118, 3907), (1129, 3919), (1175, 3976), (1205, 4012), (1235, 4063), (1251, 4099), (1253, 4102), (1294, 4168),

Gene: Kimchi1738_12 Start: 6780, Stop: 8363, Start Num: 204
Candidate Starts for Kimchi1738_12:
(29, 6516), (33, 6552), (Start: 204 @6780 has 1 MA's), (246, 6834), (Start: 324 @6924 has 4 MA's), (334, 6948), (359, 6990), (361, 6993), (375, 7017), (433, 7092), (435, 7095), (454, 7137), (473, 7164), (485, 7182), (503, 7209), (513, 7227), (516, 7230), (558, 7284), (597, 7368), (598, 7371), (608, 7392), (621, 7413), (646, 7485), (670, 7515), (695, 7566), (769, 7647), (916, 7842), (920, 7851), (992, 7944), (1007, 7971), (1020, 7980), (1094, 8091), (1166, 8154), (1246, 8265), (1251, 8274), (1301, 8355),

Gene: Kimona_8 Start: 4308, Stop: 6005, Start Num: 102
Candidate Starts for Kimona_8:
(Start: 102 @4308 has 391 MA's), (Start: 212 @4419 has 5 MA's), (363, 4578), (473, 4761), (476, 4764), (489, 4779), (503, 4803), (558, 4872), (569, 4896), (593, 4962), (596, 4971), (643, 5079), (720, 5217), (864, 5403), (928, 5502), (988, 5568), (992, 5580), (1007, 5607), (1026, 5628), (1086, 5712), (1096, 5724), (1134, 5778), (1267, 5958), (1269, 5961), (1292, 5991), (1294, 5994),

Gene: Kinbote_5 Start: 1855, Stop: 3489, Start Num: 84
Candidate Starts for Kinbote_5:
(Start: 84 @1855 has 21 MA's), (Start: 128 @1894 has 3 MA's), (199, 1942), (332, 2113), (373, 2152), (487, 2332), (494, 2341), (499, 2350), (550, 2413), (555, 2419), (594, 2503), (595, 2506), (596, 2509), (642, 2605), (643, 2608), (647, 2617), (690, 2683), (720, 2713), (738, 2740), (758, 2773), (772, 2794), (774, 2797), (837, 2893), (855, 2914), (914, 3004), (950, 3046), (965, 3064), (968, 3070), (1005, 3133), (1009, 3139), (1017, 3142), (1044, 3187), (1047, 3193), (1069, 3220), (1087, 3235), (1130, 3286), (1135, 3295), (1145, 3310), (1148, 3313), (1176, 3352), (1188, 3367), (1200, 3382), (1202, 3385), (1263, 3463), (1267, 3469),

Gene: KingBob_2 Start: 428, Stop: 1993, Start Num: 155

Candidate Starts for KingBob_2:
(Start: 155 @428 has 82 MA's), (Start: 297 @599 has 2 MA's), (374, 692), (380, 701), (396, 734), (404, 749), (409, 758), (430, 782), (455, 836), (542, 947), (584, 1013), (586, 1019), (607, 1079), (636, 1139), (647, 1169), (759, 1268), (880, 1442), (883, 1451), (905, 1487), (908, 1493), (925, 1529), (962, 1565), (980, 1598), (1006, 1637), (1015, 1643), (1143, 1784), (1222, 1859), (1272, 1940), (1308, 1979),

Gene: KingCyrus_14 Start: 7824, Stop: 9611, Start Num: 103
Candidate Starts for KingCyrus_14:
(Start: 103 @7824 has 278 MA's), (Start: 206 @7932 has 29 MA's), (226, 7953), (288, 8061), (473, 8343), (476, 8346), (558, 8454), (593, 8544), (603, 8568), (663, 8685), (673, 8700), (857, 9000), (992, 9186), (1007, 9213), (1026, 9234), (1096, 9330), (1269, 9567), (1292, 9597),

Gene: KingJulian_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for KingJulian_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: KingMidas_2 Start: 571, Stop: 2208, Start Num: 126
Candidate Starts for KingMidas_2:
(Start: 126 @571 has 206 MA's), (133, 580), (Start: 147 @595 has 3 MA's), (Start: 217 @652 has 209 MA's), (Start: 219 @655 has 2 MA's), (271, 718), (310, 757), (372, 844), (419, 904), (433, 916), (442, 928), (445, 937), (447, 940), (454, 961), (467, 982), (519, 1054), (543, 1093), (580, 1162), (584, 1168), (597, 1198), (598, 1201), (603, 1210), (612, 1225), (621, 1243), (638, 1294), (689, 1387), (695, 1396), (845, 1567), (859, 1579), (915, 1663), (934, 1693), (937, 1696), (940, 1699), (988, 1756), (993, 1771), (995, 1777), (996, 1780), (1007, 1795), (1020, 1804), (1062, 1873), (1082, 1903), (1084, 1912), (1112, 1945), (1140, 1978), (1176, 2005), (1202, 2038), (1222, 2068), (1235, 2089), (1246, 2113), (1251, 2122), (1253, 2125), (1284, 2182),

Gene: Kingmustik0402_11 Start: 6876, Stop: 8573, Start Num: 102
Candidate Starts for Kingmustik0402_11:
(Start: 102 @6876 has 391 MA's), (Start: 126 @6900 has 206 MA's), (Start: 239 @7023 has 2 MA's), (339, 7113), (363, 7146), (426, 7245), (473, 7329), (476, 7332), (503, 7371), (558, 7440), (569, 7464), (593, 7530), (634, 7620), (720, 7785), (778, 7872), (798, 7905), (864, 7971), (913, 8043), (915, 8046), (928, 8070), (980, 8121), (988, 8136), (1007, 8175), (1026, 8196), (1096, 8292), (1269, 8529), (1292, 8559), (1294, 8562),

Gene: Kingsolomon_5 Start: 1190, Stop: 2755, Start Num: 149
Candidate Starts for Kingsolomon_5:
(Start: 104 @1139 has 125 MA's), (Start: 112 @1148 has 1 MA's), (Start: 149 @1190 has 70 MA's), (Start: 155 @1196 has 82 MA's), (284, 1367), (312, 1397), (374, 1472), (379, 1478), (381, 1484), (476, 1640), (484, 1649), (486, 1652), (488, 1655), (550, 1730), (582, 1784), (584, 1787), (585, 1790), (688, 2021), (737, 2096), (753, 2117), (757, 2123), (808, 2192), (848, 2216), (866, 2234), (876, 2249), (963, 2363), (988, 2402), (990, 2408), (1031, 2474), (1078, 2528), (1111, 2564), (1118, 2576), (1155, 2615), (1228, 2702), (1252, 2747), (1254, 2750),

Gene: Kinmap_11 Start: 7441, Stop: 9138, Start Num: 107

Candidate Starts for Kinmap_11:
(Start: 107 @7441 has 1 MA's), (118, 7453), (Start: 212 @7543 has 5 MA's), (226, 7558), (352, 7702), (476, 7897), (533, 7969), (558, 8008), (593, 8098), (603, 8122), (855, 8527), (928, 8638), (992, 8713), (1015, 8743), (1096, 8857), (1116, 8884), (1269, 9094), (1290, 9121), (1292, 9124),

Gene: Kinny_8 Start: 3540, Stop: 5273, Start Num: 217
Candidate Starts for Kinny_8:
(Start: 217 @3540 has 209 MA's), (Start: 244 @3579 has 5 MA's), (259, 3615), (287, 3639), (438, 3876), (446, 3894), (458, 3924), (504, 4002), (525, 4023), (561, 4092), (604, 4194), (616, 4218), (636, 4275), (647, 4308), (680, 4380), (728, 4479), (744, 4509), (770, 4551), (804, 4608), (868, 4689), (967, 4821), (1000, 4890), (1003, 4893), (1068, 4986), (1146, 5097), (1182, 5121), (1196, 5133), (1203, 5145), (1244, 5223), (1246, 5226),

Gene: Kipper29_15 Start: 7533, Stop: 9287, Start Num: 103
Candidate Starts for Kipper29_15:
(Start: 103 @7533 has 278 MA's), (288, 7764), (325, 7815), (350, 7851), (406, 7926), (476, 8049), (503, 8088), (558, 8157), (569, 8181), (571, 8184), (593, 8247), (603, 8271), (646, 8370), (647, 8373), (671, 8400), (673, 8403), (864, 8688), (920, 8775), (928, 8787), (988, 8850), (1007, 8889), (1026, 8910), (1086, 8994), (1096, 9006), (1269, 9243), (1290, 9270), (1292, 9273),

Gene: KirDoubleO7_3 Start: 1202, Stop: 2767, Start Num: 149
Candidate Starts for KirDoubleO7_3:
(Start: 104 @1151 has 125 MA's), (Start: 112 @1160 has 1 MA's), (Start: 149 @1202 has 70 MA's), (Start: 155 @1208 has 82 MA's), (284, 1379), (374, 1484), (381, 1496), (476, 1652), (484, 1661), (486, 1664), (488, 1667), (550, 1742), (582, 1796), (584, 1799), (585, 1802), (684, 2024), (688, 2033), (737, 2108), (753, 2129), (757, 2135), (777, 2162), (808, 2204), (848, 2228), (866, 2246), (873, 2255), (876, 2261), (963, 2375), (988, 2414), (990, 2420), (1031, 2486), (1078, 2540), (1111, 2576), (1118, 2588), (1155, 2627), (1228, 2714), (1252, 2759), (1254, 2762),

Gene: Kita_2 Start: 498, Stop: 2222, Start Num: 206
Candidate Starts for Kita_2:
(Start: 193 @483 has 146 MA's), (Start: 206 @498 has 29 MA's), (280, 588), (437, 828), (439, 834), (450, 858), (483, 915), (536, 987), (633, 1185), (655, 1227), (664, 1233), (702, 1317), (723, 1344), (793, 1455), (809, 1482), (926, 1659), (1092, 1932), (1094, 1935), (1098, 1941), (1115, 1962), (1141, 2001), (1177, 2049), (1185, 2058), (1205, 2082), (1226, 2100), (1253, 2157), (1295, 2214),

Gene: KittenMittens_10 Start: 4782, Stop: 6473, Start Num: 102
Candidate Starts for KittenMittens_10:
(Start: 102 @4782 has 391 MA's), (Start: 126 @4806 has 206 MA's), (Start: 239 @4929 has 2 MA's), (320, 4998), (350, 5049), (363, 5061), (406, 5124), (450, 5202), (476, 5247), (503, 5286), (543, 5334), (558, 5355), (569, 5379), (593, 5430), (646, 5553), (732, 5700), (769, 5760), (798, 5805), (915, 5946), (963, 6000), (988, 6036), (1007, 6075), (1026, 6096), (1096, 6192), (1144, 6261), (1269, 6429), (1292, 6459), (1294, 6462),

Gene: Kittykat_2 Start: 426, Stop: 1991, Start Num: 155
Candidate Starts for Kittykat_2:
(Start: 155 @426 has 82 MA's), (374, 690), (379, 696), (401, 741), (409, 756), (414, 762), (430, 780), (584, 1011), (586, 1017), (607, 1077), (640, 1149), (740, 1236), (759, 1266), (768, 1281), (832, 1380), (880, 1440), (883, 1449), (923, 1524), (953, 1557), (963, 1566), (977, 1593), (1020, 1647), (1044, 1689), (1126, 1755), (1141, 1779), (1222, 1857), (1308, 1977), (1315, 1986),

Gene: Klein_10 Start: 3688, Stop: 5220, Start Num: 232
Candidate Starts for Klein_10:

(159, 3604), (Start: 196 @3646 has 1 MA's), (207, 3655), (Start: 232 @3688 has 12 MA's), (323, 3802), (360, 3865), (380, 3898), (381, 3901), (401, 3940), (404, 3946), (452, 4021), (454, 4030), (550, 4132), (573, 4171), (588, 4204), (713, 4453), (767, 4516), (783, 4543), (900, 4702), (918, 4738), (939, 4759), (952, 4768), (962, 4777), (990, 4831), (1000, 4855), (1062, 4936), (1186, 5089), (1202, 5101),

Gene: KleverKiS_14 Start: 4715, Stop: 6259, Start Num: 181
Candidate Starts for KleverKiS_14:
(Start: 181 @4715 has 21 MA's), (223, 4763), (323, 4904), (377, 4964), (454, 5102), (595, 5294), (700, 5504), (733, 5555), (782, 5627), (873, 5690), (893, 5714), (902, 5729), (939, 5789), (953, 5801), (988, 5861), (1003, 5894), (1028, 5927), (1045, 5954), (1090, 6002), (1228, 6188), (1241, 6209),

Gene: Klodlith_12 Start: 6308, Stop: 8080, Start Num: 117
Candidate Starts for Klodlith_12:
(Start: 103 @6296 has 278 MA's), (Start: 117 @6308 has 12 MA's), (Start: 231 @6425 has 26 MA's), (288, 6524), (392, 6674), (406, 6686), (445, 6758), (476, 6812), (503, 6851), (558, 6923), (587, 6995), (593, 7013), (603, 7037), (663, 7154), (673, 7169), (727, 7277), (776, 7352), (837, 7448), (936, 7589), (980, 7628), (1007, 7682), (1015, 7685), (1026, 7703), (1061, 7757), (1086, 7787), (1096, 7799), (1182, 7889), (1198, 7907), (1269, 8036), (1290, 8063), (1292, 8066),

Gene: Koan_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Koan_11:
(26, 6707), (32, 6725), (36, 6755), (Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Koduck_13 Start: 6618, Stop: 8399, Start Num: 103
Candidate Starts for Koduck_13:
(27, 6459), (Start: 103 @6618 has 278 MA's), (Start: 239 @6762 has 2 MA's), (262, 6807), (288, 6849), (350, 6936), (388, 6990), (473, 7131), (476, 7134), (503, 7173), (558, 7242), (593, 7332), (603, 7356), (671, 7485), (673, 7488), (1007, 8001), (1015, 8004), (1026, 8022), (1086, 8106), (1096, 8118), (1269, 8355), (1290, 8382), (1292, 8385), (1294, 8388),

Gene: Koella_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for Koella_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 176 @617 has 83 MA's), (Start: 184 @629 has 3 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (310, 758), (372, 845), (419, 905), (433, 917), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (482, 998), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (689, 1388), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1140, 1979), (1176, 2006), (1202, 2039), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: Kojax4_3 Start: 1086, Stop: 2546, Start Num: 193
Candidate Starts for Kojax4_3:
(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (744, 1881), (753, 1896), (777, 1932), (804, 1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: Koko_15 Start: 7533, Stop: 9287, Start Num: 103
Candidate Starts for Koko_15:
(Start: 103 @7533 has 278 MA's), (Start: 231 @7665 has 26 MA's), (288, 7764), (309, 7788), (325, 7815), (350, 7851), (406, 7926), (476, 8049), (489, 8064), (503, 8088), (558, 8157), (569, 8181), (571, 8184), (593, 8247), (603, 8271), (671, 8400), (673, 8403), (729, 8514), (855, 8676), (915, 8763), (920, 8775), (928, 8787), (980, 8835), (988, 8850), (1007, 8889), (1026, 8910), (1086, 8994), (1096, 9006), (1269, 9243), (1290, 9270), (1292, 9273),

Gene: Koreni_10 Start: 6533, Stop: 8230, Start Num: 102
Candidate Starts for Koreni_10:
(Start: 102 @6533 has 391 MA's), (Start: 126 @6557 has 206 MA's), (Start: 239 @6680 has 2 MA's), (339, 6770), (363, 6803), (426, 6902), (473, 6986), (476, 6989), (503, 7028), (558, 7097), (569, 7121), (593, 7187), (634, 7277), (720, 7442), (778, 7529), (798, 7562), (864, 7628), (913, 7700), (915, 7703), (928, 7727), (980, 7778), (988, 7793), (1007, 7832), (1026, 7853), (1096, 7949), (1269, 8186), (1292, 8216), (1294, 8219),

Gene: Korra_5 Start: 3082, Stop: 4647, Start Num: 155
Candidate Starts for Korra_5:
(Start: 155 @3082 has 82 MA's), (Start: 324 @3292 has 4 MA's), (374, 3346), (404, 3403), (409, 3412), (573, 3652), (584, 3667), (586, 3673), (607, 3733), (636, 3793), (740, 3892), (759, 3922), (768, 3937), (815, 4018), (880, 4096), (883, 4105), (905, 4141), (923, 4180), (953, 4213), (963, 4222), (977, 4249), (1020, 4303), (1044, 4345), (1111, 4390), (1126, 4411), (1141, 4435), (1222, 4513), (1308, 4633),

Gene: Krakatau_3 Start: 1235, Stop: 2872, Start Num: 126
Candidate Starts for Krakatau_3:
(Start: 126 @1235 has 206 MA's), (Start: 139 @1250 has 1 MA's), (Start: 147 @1259 has 3 MA's), (153, 1265), (Start: 184 @1292 has 3 MA's), (Start: 217 @1316 has 209 MA's), (Start: 219 @1319 has 2 MA's), (271, 1382), (291, 1400), (310, 1421), (372, 1508), (375, 1514), (419, 1568), (433, 1580), (442, 1592), (445, 1601), (447, 1604), (454, 1625), (467, 1646), (482, 1661), (519, 1718), (543, 1757), (580, 1826), (584, 1832), (597, 1862), (598, 1865), (603, 1874), (612, 1889), (621, 1907), (638, 1958), (695, 2060), (845, 2231), (859, 2243), (872, 2261), (915, 2327), (934, 2357), (937, 2360), (940, 2363), (988, 2420), (993, 2435), (995, 2441), (996, 2444), (1007, 2459), (1020, 2468), (1062, 2537), (1082, 2567), (1084, 2576), (1112, 2609), (1140, 2642), (1176, 2669), (1202, 2702), (1219, 2729), (1222, 2732), (1235, 2753), (1246, 2777), (1251, 2786), (1253, 2789), (1284, 2846),

Gene: Kratark_11 Start: 6879, Stop: 8576, Start Num: 102
Candidate Starts for Kratark_11:
(Start: 102 @6879 has 391 MA's), (Start: 126 @6903 has 206 MA's), (Start: 239 @7026 has 2 MA's), (339, 7116), (363, 7149), (426, 7248), (473, 7332), (476, 7335), (503, 7374), (558, 7443), (569, 7467), (593, 7533), (634, 7623), (720, 7788), (778, 7875), (798, 7908), (864, 7974), (913, 8046), (915, 8049), (928, 8073), (980, 8124), (988, 8139), (1007, 8178), (1026, 8199), (1096, 8295), (1269, 8532), (1292, 8562), (1294, 8565),

Gene: Kremtemulon_11 Start: 6929, Stop: 8626, Start Num: 102
Candidate Starts for Kremtemulon_11:
(Start: 102 @6929 has 391 MA's), (Start: 126 @6953 has 206 MA's), (Start: 239 @7076 has 2 MA's), (339, 7166), (363, 7199), (426, 7298), (473, 7382), (476, 7385), (503, 7424), (558, 7493), (593, 7583), (634, 7673), (720, 7838), (778, 7925), (798, 7958), (913, 8096), (915, 8099), (928, 8123), (988, 8189), (1007, 8228), (1026, 8249), (1096, 8345), (1267, 8579), (1269, 8582), (1292, 8612), (1294, 8615),

Gene: Krishelle_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Krishelle_8:

(Start: 104 @3156 has 125 MA's), (Start: 302 @3342 has 3 MA's), (350, 3414), (363, 3426), (379, 3450), (383, 3462), (476, 3615), (489, 3630), (536, 3690), (593, 3798), (621, 3855), (718, 4053), (729, 4071), (763, 4125), (866, 4236), (892, 4269), (915, 4311), (936, 4344), (992, 4413), (1096, 4557), (1130, 4602), (1196, 4662), (1251, 4761), (1269, 4794), (1290, 4821), (1292, 4824), (1294, 4827),

Gene: KristaRAM_3 Start: 1235, Stop: 2872, Start Num: 126
Candidate Starts for KristaRAM_3:
(Start: 126 @1235 has 206 MA's), (Start: 139 @1250 has 1 MA's), (Start: 147 @1259 has 3 MA's), (153, 1265), (Start: 184 @1292 has 3 MA's), (Start: 217 @1316 has 209 MA's), (Start: 219 @1319 has 2 MA's), (271, 1382), (291, 1400), (310, 1421), (372, 1508), (375, 1514), (419, 1568), (442, 1592), (445, 1601), (447, 1604), (454, 1625), (467, 1646), (482, 1661), (519, 1718), (543, 1757), (580, 1826), (584, 1832), (597, 1862), (598, 1865), (603, 1874), (612, 1889), (621, 1907), (638, 1958), (695, 2060), (845, 2231), (859, 2243), (872, 2261), (915, 2327), (934, 2357), (937, 2360), (940, 2363), (988, 2420), (993, 2435), (995, 2441), (996, 2444), (1007, 2459), (1020, 2468), (1062, 2537), (1082, 2567), (1084, 2576), (1112, 2609), (1140, 2642), (1176, 2669), (1202, 2702), (1219, 2729), (1222, 2732), (1235, 2753), (1246, 2777), (1251, 2786), (1253, 2789), (1284, 2846),

Gene: Kristoff_12 Start: 6880, Stop: 8556, Start Num: 102
Candidate Starts for Kristoff_12:
(Start: 102 @6880 has 391 MA's), (Start: 239 @7012 has 2 MA's), (363, 7144), (390, 7189), (450, 7285), (476, 7330), (503, 7369), (543, 7417), (558, 7438), (569, 7462), (593, 7513), (646, 7636), (720, 7768), (769, 7843), (798, 7888), (864, 7954), (915, 8029), (928, 8053), (930, 8056), (988, 8119), (1007, 8158), (1015, 8161), (1026, 8179), (1096, 8275), (1144, 8344), (1269, 8512), (1292, 8542), (1294, 8545),

Gene: Kromp_2 Start: 782, Stop: 2422, Start Num: 167
Candidate Starts for Kromp_2:
(Start: 167 @782 has 1 MA's), (Start: 219 @833 has 2 MA's), (272, 914), (358, 1049), (426, 1175), (476, 1262), (563, 1385), (569, 1394), (582, 1421), (590, 1436), (591, 1439), (607, 1478), (621, 1493), (634, 1532), (707, 1646), (747, 1679), (799, 1763), (866, 1829), (890, 1850), (892, 1853), (996, 2027), (1016, 2045), (1096, 2123), (1107, 2147), (1113, 2153), (1222, 2285), (1246, 2327), (1248, 2330), (1294, 2408), (1299, 2414),

Gene: Kropertea_4 Start: 765, Stop: 2327, Start Num: 149
Candidate Starts for Kropertea_4:
(Start: 149 @765 has 70 MA's), (Start: 155 @771 has 82 MA's), (271, 921), (Start: 324 @987 has 4 MA's), (348, 1017), (381, 1053), (382, 1056), (404, 1098), (488, 1224), (599, 1407), (636, 1482), (700, 1608), (713, 1629), (728, 1653), (733, 1659), (753, 1689), (757, 1695), (782, 1731), (808, 1764), (848, 1788), (876, 1821), (918, 1887), (963, 1935), (968, 1944), (980, 1959), (990, 1980), (1031, 2046), (1118, 2148), (1224, 2268), (1228, 2274), (1241, 2295), (1252, 2319),

Gene: Krypton555_5 Start: 1185, Stop: 2750, Start Num: 149
Candidate Starts for Krypton555_5:
(Start: 149 @1185 has 70 MA's), (Start: 155 @1191 has 82 MA's), (284, 1362), (374, 1467), (381, 1479), (476, 1635), (484, 1644), (486, 1647), (488, 1650), (550, 1725), (582, 1779), (584, 1782), (585, 1785), (688, 2016), (753, 2112), (757, 2118), (808, 2187), (848, 2211), (866, 2229), (876, 2244), (902, 2277), (963, 2358), (988, 2397), (990, 2403), (1031, 2469), (1078, 2523), (1111, 2559), (1118, 2571), (1155, 2610), (1228, 2697), (1252, 2742), (1254, 2745),

Gene: Ksquared_2 Start: 413, Stop: 2089, Start Num: 134
Candidate Starts for Ksquared_2:
(Start: 134 @413 has 105 MA's), (313, 629), (338, 668), (360, 725), (362, 731), (373, 749), (397, 794), (404, 806), (409, 815), (414, 821), (451, 878), (459, 899), (467, 911), (541, 1001), (636, 1190), (702,

1286), (720, 1316), (736, 1337), (828, 1478), (837, 1490), (873, 1535), (984, 1688), (989, 1697), (1000, 1724), (1031, 1766), (1044, 1784), (1118, 1868), (1130, 1883), (1269, 2072),

Gene: Kudefre_12 Start: 4947, Stop: 6422, Start Num: 234
Candidate Starts for Kudefre_12:
(Start: 234 @4947 has 29 MA's), (332, 5094), (374, 5133), (381, 5145), (453, 5268), (508, 5355), (552, 5412), (586, 5469), (599, 5511), (605, 5523), (623, 5547), (631, 5571), (646, 5613), (757, 5793), (790, 5835), (869, 5916), (902, 5961), (912, 5985), (952, 6030), (990, 6090), (1033, 6153), (1038, 6159), (1102, 6231), (1118, 6249), (1132, 6267), (1217, 6366), (1230, 6384), (1245, 6414),

Gene: Kugel_12 Start: 7046, Stop: 8737, Start Num: 102
Candidate Starts for Kugel_12:
(Start: 102 @7046 has 391 MA's), (363, 7310), (392, 7361), (476, 7496), (558, 7607), (569, 7631), (593, 7697), (603, 7721), (687, 7889), (758, 8009), (760, 8012), (915, 8210), (930, 8237), (991, 8309), (995, 8321), (1015, 8342), (1049, 8399), (1096, 8456), (1182, 8546), (1184, 8549), (1251, 8660), (1253, 8663), (1269, 8693), (1292, 8723), (1294, 8726),

Gene: Kuleana_3 Start: 777, Stop: 2342, Start Num: 231
Candidate Starts for Kuleana_3:
(158, 690), (Start: 164 @696 has 12 MA's), (Start: 231 @777 has 26 MA's), (Start: 302 @864 has 3 MA's), (312, 876), (325, 900), (377, 954), (381, 963), (400, 999), (409, 1017), (554, 1200), (585, 1251), (587, 1263), (607, 1314), (619, 1326), (622, 1332), (636, 1374), (643, 1395), (651, 1410), (682, 1467), (905, 1782), (949, 1848), (980, 1893), (1014, 1932), (1017, 1941), (1020, 1944), (1030, 1965), (1058, 2004), (1063, 2010), (1065, 2013), (1169, 2142), (1244, 2247), (1246, 2250), (1259, 2277), (1261, 2280), (1267, 2292), (1273, 2301), (1304, 2328), (1306, 2331), (1308, 2334),

Gene: Kumao_13 Start: 4256, Stop: 5845, Start Num: 161
Candidate Starts for Kumao_13:
(Start: 161 @4256 has 1 MA's), (258, 4373), (331, 4472), (334, 4475), (417, 4610), (454, 4676), (484, 4715), (493, 4727), (557, 4787), (584, 4832), (595, 4868), (596, 4871), (599, 4880), (700, 5078), (722, 5111), (773, 5183), (790, 5204), (873, 5297), (876, 5303), (939, 5396), (952, 5405), (988, 5462), (990, 5468), (1000, 5492), (1045, 5555), (1069, 5585), (1118, 5636), (1196, 5723), (1224, 5768), (1228, 5774), (1239, 5792),

Gene: Kureo_17 Start: 7948, Stop: 9732, Start Num: 217
Candidate Starts for Kureo_17:
(Start: 211 @7942 has 88 MA's), (Start: 217 @7948 has 209 MA's), (287, 8047), (438, 8296), (458, 8344), (504, 8422), (525, 8443), (561, 8512), (604, 8614), (625, 8659), (628, 8671), (647, 8728), (680, 8800), (728, 8899), (761, 8956), (770, 8971), (804, 9028), (859, 9097), (868, 9109), (912, 9202), (949, 9262), (967, 9280), (970, 9286), (1000, 9349), (1003, 9352), (1030, 9391), (1125, 9523), (1146, 9556), (1182, 9580), (1196, 9592), (1207, 9610), (1244, 9682), (1246, 9685),

Gene: Kurt_24 Start: 13154, Stop: 14881, Start Num: 124
Candidate Starts for Kurt_24:
(22, 12920), (52, 13049), (Start: 124 @13154 has 12 MA's), (270, 13304), (317, 13355), (319, 13361), (346, 13400), (361, 13430), (375, 13454), (384, 13472), (398, 13499), (425, 13562), (433, 13580), (597, 13865), (612, 13892), (643, 13976), (695, 14060), (699, 14072), (716, 14105), (798, 14183), (867, 14261), (915, 14333), (937, 14366), (973, 14429), (988, 14456), (996, 14480), (1020, 14504), (1084, 14603), (1121, 14651), (1246, 14789), (1261, 14819), (1297, 14873),

Gene: Kuwabara_2 Start: 486, Stop: 2147, Start Num: 176
Candidate Starts for Kuwabara_2:

(Start: 53 @324 has 20 MA's), (68, 357), (Start: 70 @360 has 1 MA's), (Start: 105 @411 has 1 MA's), (Start: 113 @420 has 24 MA's), (Start: 142 @453 has 1 MA's), (Start: 176 @486 has 83 MA's), (Start: 224 @537 has 17 MA's), (Start: 231 @549 has 26 MA's), (250, 576), (343, 666), (350, 681), (380, 720), (394, 747), (406, 756), (407, 759), (426, 792), (450, 843), (468, 879), (471, 882), (476, 888), (489, 903), (491, 906), (515, 942), (558, 996), (582, 1047), (593, 1071), (634, 1158), (665, 1218), (687, 1263), (706, 1299), (730, 1341), (762, 1395), (778, 1419), (791, 1443), (849, 1503), (863, 1509), (908, 1572), (928, 1626), (943, 1644), (988, 1701), (992, 1713), (1007, 1740), (1064, 1821), (1091, 1851), (1119, 1890), (1140, 1914), (1196, 1962), (1198, 1965), (1251, 2058), (1253, 2061), (1261, 2079), (1269, 2088), (1279, 2100), (1313, 2136),

Gene: KyMonks1A_13 Start: 7323, Stop: 9011, Start Num: 102
Candidate Starts for KyMonks1A_13:
(Start: 102 @7323 has 391 MA's), (Start: 302 @7503 has 3 MA's), (363, 7587), (383, 7623), (406, 7650), (476, 7773), (558, 7881), (593, 7971), (603, 7995), (621, 8022), (637, 8070), (720, 8226), (760, 8286), (930, 8511), (939, 8520), (952, 8532), (988, 8574), (995, 8595), (1020, 8622), (1096, 8730), (1182, 8820), (1246, 8925),

Gene: Kyee_11 Start: 6885, Stop: 8582, Start Num: 102
Candidate Starts for Kyee_11:
(26, 6708), (32, 6726), (36, 6756), (Start: 102 @6885 has 391 MA's), (Start: 126 @6909 has 206 MA's), (Start: 239 @7032 has 2 MA's), (339, 7122), (363, 7155), (426, 7254), (473, 7338), (476, 7341), (503, 7380), (558, 7449), (569, 7473), (593, 7539), (634, 7629), (720, 7794), (778, 7881), (798, 7914), (864, 7980), (913, 8052), (915, 8055), (928, 8079), (980, 8130), (988, 8145), (1007, 8184), (1026, 8205), (1096, 8301), (1269, 8538), (1292, 8568), (1294, 8571),

Gene: Kykar_9 Start: 6543, Stop: 8234, Start Num: 102
Candidate Starts for Kykar_9:
(Start: 102 @6543 has 391 MA's), (Start: 302 @6723 has 3 MA's), (363, 6807), (392, 6858), (476, 6993), (558, 7104), (569, 7128), (593, 7194), (603, 7218), (687, 7386), (758, 7506), (760, 7509), (915, 7707), (930, 7734), (991, 7806), (995, 7818), (1015, 7839), (1049, 7896), (1096, 7953), (1182, 8043), (1184, 8046), (1251, 8157), (1253, 8160), (1269, 8190), (1292, 8220), (1294, 8223),

Gene: KyriosFaba_3 Start: 1074, Stop: 2534, Start Num: 193
Candidate Starts for KyriosFaba_3:
(Start: 193 @1074 has 146 MA's), (Start: 198 @1080 has 6 MA's), (325, 1242), (330, 1251), (377, 1311), (415, 1380), (431, 1401), (455, 1452), (606, 1656), (744, 1869), (753, 1884), (777, 1920), (804, 1962), (832, 1995), (840, 2013), (923, 2133), (925, 2136), (936, 2148), (990, 2223), (1031, 2286), (1044, 2304), (1045, 2307), (1186, 2469), (1199, 2478), (1205, 2487), (1232, 2526),

Gene: L5_13 Start: 6626, Stop: 8407, Start Num: 103
Candidate Starts for L5_13:
(27, 6467), (Start: 103 @6626 has 278 MA's), (Start: 239 @6770 has 2 MA's), (262, 6815), (288, 6857), (350, 6944), (388, 6998), (473, 7139), (476, 7142), (503, 7181), (558, 7250), (593, 7340), (603, 7364), (671, 7493), (673, 7496), (1007, 8009), (1015, 8012), (1026, 8030), (1086, 8114), (1096, 8126), (1269, 8363), (1290, 8390), (1292, 8393), (1294, 8396),

Gene: LBerry_13 Start: 6957, Stop: 8657, Start Num: 104
Candidate Starts for LBerry_13:
(Start: 104 @6957 has 125 MA's), (151, 7005), (292, 7140), (426, 7332), (476, 7419), (593, 7617), (634, 7707), (671, 7770), (760, 7932), (915, 8130), (928, 8154), (930, 8157), (988, 8220), (995, 8241), (1026, 8280), (1096, 8376), (1134, 8430), (1182, 8466), (1269, 8613), (1292, 8643), (1294, 8646),

Gene: LHTSCC_11 Start: 6861, Stop: 8558, Start Num: 102

Candidate Starts for LHTSCC_11:
(Start: 102 @6861 has 391 MA's), (Start: 126 @6885 has 206 MA's), (Start: 239 @7008 has 2 MA's), (339, 7098), (363, 7131), (473, 7314), (476, 7317), (503, 7356), (558, 7425), (569, 7449), (593, 7515), (634, 7605), (720, 7770), (778, 7857), (798, 7890), (864, 7956), (913, 8028), (928, 8055), (980, 8106), (988, 8121), (1007, 8160), (1026, 8181), (1096, 8277), (1269, 8514), (1292, 8544), (1294, 8547),

Gene: LadyAstra_2 Start: 553, Stop: 2268, Start Num: 103
Candidate Starts for LadyAstra_2:
(Start: 103 @553 has 278 MA's), (Start: 224 @652 has 17 MA's), (434, 925), (462, 976), (476, 994), (512, 1042), (524, 1054), (572, 1135), (646, 1309), (698, 1396), (800, 1522), (930, 1711), (992, 1795), (1096, 1939), (1106, 1954), (1196, 2083), (1256, 2191), (1298, 2254),

Gene: LadyBird_12 Start: 7410, Stop: 9197, Start Num: 103
Candidate Starts for LadyBird_12:
(Start: 103 @7410 has 278 MA's), (Start: 206 @7518 has 29 MA's), (226, 7539), (288, 7647), (309, 7671), (473, 7929), (476, 7932), (558, 8040), (593, 8130), (603, 8154), (663, 8271), (673, 8286), (857, 8586), (992, 8772), (1007, 8799), (1026, 8820), (1096, 8916), (1269, 9153), (1290, 9180), (1292, 9183),

Gene: Lahqtemish_3 Start: 769, Stop: 2394, Start Num: 211
Candidate Starts for Lahqtemish_3:
(Start: 211 @769 has 88 MA's), (330, 925), (409, 1033), (459, 1117), (491, 1162), (585, 1267), (607, 1330), (623, 1351), (642, 1408), (869, 1744), (963, 1876), (1030, 1978), (1222, 2227), (1249, 2275), (1304, 2344),

Gene: Lakshmi_5 Start: 3282, Stop: 4673, Start Num: 300
Candidate Starts for Lakshmi_5:
(Start: 155 @3108 has 82 MA's), (Start: 300 @3282 has 12 MA's), (312, 3297), (Start: 324 @3318 has 4 MA's), (374, 3372), (380, 3381), (396, 3414), (409, 3438), (573, 3678), (584, 3693), (586, 3699), (607, 3759), (636, 3819), (740, 3918), (759, 3948), (768, 3963), (797, 4011), (815, 4044), (883, 4131), (923, 4206), (977, 4275), (1030, 4350), (1044, 4371), (1093, 4392), (1141, 4461), (1184, 4488), (1222, 4539), (1244, 4578), (1264, 4608), (1272, 4620), (1308, 4659), (1315, 4668),

Gene: Lamberg_2 Start: 318, Stop: 1889, Start Num: 134
Candidate Starts for Lamberg_2:
(Start: 134 @318 has 105 MA's), (313, 504), (332, 537), (397, 621), (402, 630), (431, 666), (461, 726), (550, 816), (552, 819), (596, 912), (607, 936), (630, 978), (654, 1032), (679, 1071), (736, 1137), (741, 1149), (760, 1179), (783, 1212), (837, 1293), (873, 1338), (876, 1344), (895, 1365), (950, 1455), (986, 1500), (989, 1506), (1003, 1536), (1005, 1539), (1044, 1593), (1078, 1629), (1120, 1680), (1162, 1740), (1164, 1743), (1200, 1785), (1266, 1872),

Gene: Lambert1_12 Start: 7044, Stop: 8741, Start Num: 102
Candidate Starts for Lambert1_12:
(Start: 102 @7044 has 391 MA's), (Start: 126 @7068 has 206 MA's), (363, 7314), (465, 7488), (476, 7500), (503, 7539), (518, 7551), (558, 7608), (569, 7632), (593, 7698), (596, 7707), (634, 7788), (646, 7821), (720, 7953), (729, 7965), (763, 8019), (778, 8040), (798, 8073), (855, 8127), (915, 8214), (928, 8238), (930, 8241), (936, 8247), (943, 8256), (988, 8304), (1007, 8343), (1015, 8346), (1026, 8364), (1096, 8460), (1134, 8514), (1253, 8667), (1269, 8697), (1292, 8727), (1294, 8730),

Gene: Lamina13_11 Start: 6599, Stop: 8287, Start Num: 102
Candidate Starts for Lamina13_11:
(Start: 102 @6599 has 391 MA's), (Start: 302 @6779 has 3 MA's), (363, 6863), (379, 6887), (476, 7049), (500, 7082), (558, 7157), (593, 7247), (603, 7271), (621, 7298), (637, 7346), (720, 7502), (727,

7511), (760, 7562), (939, 7796), (952, 7808), (988, 7850), (995, 7871), (1020, 7898), (1096, 8006), (1182, 8096), (1246, 8201),

Gene: Landor_13 Start: 9202, Stop: 10980, Start Num: 103
Candidate Starts for Landor_13:
(Start: 103 @9202 has 278 MA's), (Start: 123 @9220 has 9 MA's), (Start: 231 @9331 has 26 MA's), (Start: 239 @9343 has 2 MA's), (260, 9385), (266, 9397), (271, 9406), (288, 9430), (350, 9517), (473, 9712), (476, 9715), (503, 9754), (558, 9823), (593, 9913), (603, 9937), (646, 10036), (673, 10069), (857, 10369), (915, 10456), (992, 10555), (1007, 10582), (1026, 10603), (1096, 10699), (1269, 10936), (1290, 10963), (1292, 10966),

Gene: Langerak_2 Start: 413, Stop: 2089, Start Num: 134
Candidate Starts for Langerak_2:
(Start: 134 @413 has 105 MA's), (313, 629), (338, 668), (360, 725), (362, 731), (373, 749), (397, 794), (404, 806), (409, 815), (414, 821), (417, 824), (451, 878), (459, 899), (541, 1001), (636, 1190), (702, 1286), (736, 1337), (828, 1478), (837, 1490), (935, 1622), (984, 1688), (989, 1697), (1000, 1724), (1031, 1766), (1044, 1784), (1118, 1868), (1130, 1883), (1269, 2072),

Gene: Lannister_7 Start: 2384, Stop: 4030, Start Num: 75
Candidate Starts for Lannister_7:
(Start: 75 @2384 has 95 MA's), (325, 2606), (382, 2687), (462, 2822), (480, 2843), (515, 2888), (543, 2930), (582, 3002), (593, 3026), (638, 3125), (673, 3179), (786, 3338), (841, 3398), (927, 3509), (992, 3599), (1064, 3707), (1096, 3746), (1112, 3767), (1116, 3773), (1130, 3791), (1217, 3887), (1251, 3947),

Gene: Laphuphu24k_2 Start: 370, Stop: 1992, Start Num: 182
Candidate Starts for Laphuphu24k_2:
(Start: 164 @349 has 12 MA's), (Start: 182 @370 has 18 MA's), (374, 601), (377, 604), (381, 613), (400, 649), (404, 658), (409, 667), (455, 745), (554, 850), (607, 964), (625, 988), (636, 1024), (643, 1045), (651, 1060), (682, 1120), (744, 1204), (896, 1420), (905, 1432), (916, 1459), (949, 1498), (953, 1504), (980, 1543), (1000, 1570), (1014, 1582), (1030, 1615), (1038, 1627), (1063, 1660), (1203, 1831), (1246, 1900), (1249, 1906), (1259, 1927), (1271, 1948), (1304, 1978), (1306, 1981), (1308, 1984),

Gene: LappelDuVide_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for LappelDuVide_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Larenn_13 Start: 7730, Stop: 9493, Start Num: 103
Candidate Starts for Larenn_13:
(Start: 103 @7730 has 278 MA's), (Start: 206 @7838 has 29 MA's), (226, 7859), (288, 7967), (309, 7991), (473, 8252), (476, 8255), (503, 8294), (558, 8363), (593, 8453), (603, 8477), (663, 8594), (673, 8609), (855, 8882), (915, 8969), (920, 8981), (928, 8993), (980, 9041), (988, 9056), (1007, 9095), (1026, 9116), (1096, 9212), (1269, 9449), (1290, 9476), (1292, 9479), (1294, 9482), (1296, 9485),

Gene: LarryKay_13 Start: 7043, Stop: 8743, Start Num: 104
Candidate Starts for LarryKay_13:
(Start: 104 @7043 has 125 MA's), (151, 7091), (292, 7226), (426, 7418), (476, 7505), (593, 7703), (634, 7793), (671, 7856), (760, 8018), (915, 8216), (928, 8240), (930, 8243), (988, 8306), (995, 8327),

(1026, 8366), (1096, 8462), (1134, 8516), (1182, 8552), (1269, 8699), (1292, 8729), (1294, 8732),

Gene: Lasagna_2 Start: 426, Stop: 1991, Start Num: 155
Candidate Starts for Lasagna_2:
(Start: 155 @426 has 82 MA's), (253, 549), (Start: 302 @603 has 3 MA's), (Start: 324 @636 has 4 MA's), (325, 639), (374, 690), (380, 699), (396, 732), (404, 747), (409, 756), (430, 780), (540, 942), (607, 1077), (623, 1098), (636, 1137), (740, 1236), (759, 1266), (768, 1281), (786, 1314), (815, 1362), (825, 1371), (883, 1449), (905, 1485), (923, 1524), (963, 1566), (977, 1593), (1020, 1647), (1044, 1689), (1111, 1734), (1126, 1755), (1141, 1779), (1222, 1857),

Gene: LastJedi_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for LastJedi_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 176 @617 has 83 MA's), (Start: 184 @629 has 3 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (310, 758), (372, 845), (419, 905), (433, 917), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (482, 998), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (689, 1388), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1140, 1979), (1176, 2006), (1202, 2039), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: LastNadiia_7 Start: 3609, Stop: 5138, Start Num: 212
Candidate Starts for LastNadiia_7:
(Start: 212 @3609 has 5 MA's), (249, 3654), (253, 3663), (284, 3693), (306, 3717), (379, 3807), (381, 3813), (467, 3963), (599, 4194), (605, 4206), (631, 4263), (646, 4305), (710, 4419), (721, 4440), (767, 4506), (770, 4512), (791, 4542), (990, 4803), (1104, 4938), (1222, 5079),

Gene: LastResort_14 Start: 6686, Stop: 8383, Start Num: 103
Candidate Starts for LastResort_14:
(Start: 103 @6686 has 278 MA's), (121, 6704), (292, 6866), (406, 7022), (445, 7091), (476, 7145), (558, 7253), (571, 7280), (593, 7343), (603, 7367), (928, 7883), (988, 7946), (1015, 7988), (1096, 8102), (1196, 8207), (1269, 8339), (1290, 8366), (1292, 8369), (1294, 8372),

Gene: Latretium_2 Start: 571, Stop: 2208, Start Num: 126
Candidate Starts for Latretium_2:
(Start: 126 @571 has 206 MA's), (133, 580), (Start: 147 @595 has 3 MA's), (Start: 184 @628 has 3 MA's), (Start: 217 @652 has 209 MA's), (Start: 219 @655 has 2 MA's), (271, 718), (291, 736), (310, 757), (372, 844), (375, 850), (419, 904), (442, 928), (445, 937), (447, 940), (454, 961), (467, 982), (482, 997), (519, 1054), (543, 1093), (580, 1162), (584, 1168), (597, 1198), (598, 1201), (603, 1210), (612, 1225), (621, 1243), (638, 1294), (689, 1387), (695, 1396), (845, 1567), (859, 1579), (915, 1663), (934, 1693), (937, 1696), (940, 1699), (988, 1756), (993, 1771), (995, 1777), (996, 1780), (1007, 1795), (1020, 1804), (1062, 1873), (1082, 1903), (1084, 1912), (1112, 1945), (1130, 1963), (1140, 1978), (1176, 2005), (1202, 2038), (1219, 2065), (1222, 2068), (1235, 2089), (1246, 2113), (1251, 2122), (1253, 2125), (1284, 2182),

Gene: Lauer_3 Start: 958, Stop: 2634, Start Num: 176
Candidate Starts for Lauer_3:
(Start: 176 @958 has 83 MA's), (Start: 224 @1009 has 17 MA's), (237, 1030), (295, 1075), (350, 1153), (394, 1219), (450, 1315), (468, 1351), (476, 1360), (480, 1363), (507, 1411), (518, 1423), (572, 1510), (654, 1690), (687, 1744), (791, 1924), (814, 1957), (890, 2023), (917, 2089), (920, 2095), (988, 2179), (1038, 2260), (1061, 2293), (1116, 2362), (1196, 2440), (1253, 2539), (1265, 2560), (1269, 2566), (1311, 2620), (1313, 2623),

Gene: LaviMo_3 Start: 1086, Stop: 2546, Start Num: 193
Candidate Starts for LaviMo_3:
(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (744, 1881), (753, 1896), (777, 1932), (804, 1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: LeBron_4 Start: 1059, Stop: 2636, Start Num: 155
Candidate Starts for LeBron_4:
(Start: 149 @1053 has 70 MA's), (Start: 155 @1059 has 82 MA's), (284, 1230), (352, 1317), (374, 1335), (379, 1341), (396, 1377), (486, 1515), (488, 1518), (550, 1593), (584, 1650), (585, 1653), (659, 1821), (684, 1875), (688, 1884), (700, 1899), (713, 1920), (737, 1959), (753, 1980), (757, 1986), (777, 2013), (808, 2055), (848, 2079), (866, 2097), (873, 2106), (876, 2112), (902, 2145), (918, 2178), (953, 2217), (962, 2223), (963, 2226), (990, 2271), (1031, 2337), (1069, 2388), (1087, 2403), (1093, 2412), (1111, 2427), (1114, 2430), (1207, 2532), (1224, 2559), (1252, 2610), (1254, 2613),

Gene: Leafy_3 Start: 1092, Stop: 2552, Start Num: 193
Candidate Starts for Leafy_3:
(Start: 193 @1092 has 146 MA's), (Start: 198 @1098 has 6 MA's), (325, 1260), (330, 1269), (377, 1329), (415, 1398), (431, 1419), (455, 1470), (606, 1674), (669, 1809), (744, 1887), (753, 1902), (777, 1938), (804, 1980), (832, 2013), (840, 2031), (923, 2151), (925, 2154), (936, 2166), (990, 2241), (1031, 2304), (1044, 2322), (1045, 2325), (1186, 2487), (1199, 2496), (1205, 2505), (1232, 2544),

Gene: Leathea_8 Start: 3424, Stop: 5157, Start Num: 217
Candidate Starts for Leathea_8:
(Start: 217 @3424 has 209 MA's), (287, 3523), (458, 3808), (504, 3886), (525, 3907), (561, 3976), (604, 4078), (616, 4102), (636, 4159), (647, 4192), (680, 4264), (709, 4330), (728, 4363), (770, 4435), (804, 4492), (859, 4561), (868, 4573), (967, 4705), (1000, 4774), (1003, 4777), (1146, 4981), (1161, 4984), (1182, 5005), (1196, 5017), (1203, 5029), (1224, 5062), (1244, 5107), (1246, 5110),

Gene: Lederberg_2 Start: 374, Stop: 1957, Start Num: 205
Candidate Starts for Lederberg_2:
(Start: 202 @371 has 4 MA's), (Start: 205 @374 has 7 MA's), (Start: 211 @380 has 88 MA's), (341, 551), (374, 629), (380, 638), (483, 812), (575, 914), (582, 920), (586, 929), (587, 938), (618, 998), (635, 1046), (636, 1049), (719, 1112), (778, 1205), (832, 1271), (925, 1427), (944, 1445), (981, 1490), (1001, 1532), (1025, 1568), (1032, 1583), (1052, 1610), (1054, 1613), (1066, 1628), (1099, 1661), (1111, 1676), (1143, 1724), (1175, 1754), (1190, 1772), (1238, 1847), (1278, 1922), (1305, 1946),

Gene: Legacy_6 Start: 2382, Stop: 4028, Start Num: 75
Candidate Starts for Legacy_6:
(Start: 75 @2382 has 95 MA's), (Start: 92 @2400 has 10 MA's), (325, 2604), (382, 2685), (462, 2820), (480, 2841), (543, 2928), (582, 3000), (593, 3024), (638, 3123), (673, 3177), (751, 3276), (786, 3336), (920, 3498), (927, 3507), (992, 3597), (1007, 3624), (1062, 3702), (1064, 3705), (1096, 3744), (1112, 3765), (1116, 3771), (1130, 3789), (1217, 3885), (1251, 3945),

Gene: Lego_2 Start: 533, Stop: 2239, Start Num: 101
Candidate Starts for Lego_2:
(12, 242), (14, 251), (Start: 101 @533 has 50 MA's), (444, 905), (476, 962), (512, 1010), (572, 1100), (596, 1154), (646, 1274), (699, 1364), (828, 1526), (915, 1649), (1096, 1904), (1106, 1919), (1144, 1973), (1196, 2054), (1256, 2162),

Gene: LemonPepper_3 Start: 1074, Stop: 2534, Start Num: 193

Candidate Starts for LemonPepper_3:
(Start: 193 @1074 has 146 MA's), (Start: 198 @1080 has 6 MA's), (325, 1242), (330, 1251), (377, 1311), (415, 1380), (431, 1401), (455, 1452), (606, 1656), (744, 1869), (753, 1884), (777, 1920), (804, 1962), (832, 1995), (840, 2013), (923, 2133), (925, 2136), (936, 2148), (990, 2223), (1031, 2286), (1044, 2304), (1045, 2307), (1186, 2469), (1199, 2478), (1205, 2487), (1232, 2526),

Gene: Lemur_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Lemur_11:
(26, 6707), (32, 6725), (36, 6755), (Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Lennox_2 Start: 426, Stop: 1991, Start Num: 155
Candidate Starts for Lennox_2:
(Start: 155 @426 has 82 MA's), (253, 549), (Start: 302 @603 has 3 MA's), (374, 690), (396, 732), (409, 756), (430, 780), (540, 942), (607, 1077), (623, 1098), (636, 1137), (740, 1236), (759, 1266), (768, 1281), (786, 1314), (815, 1362), (825, 1371), (883, 1449), (905, 1485), (923, 1524), (953, 1557), (963, 1566), (977, 1593), (1020, 1647), (1044, 1689), (1093, 1710), (1111, 1734), (1126, 1755), (1141, 1779), (1222, 1857),

Gene: Lenoxika_6 Start: 1956, Stop: 3656, Start Num: 197
Candidate Starts for Lenoxika_6:
(145, 1899), (Start: 180 @1935 has 11 MA's), (Start: 197 @1956 has 23 MA's), (253, 2031), (282, 2079), (Start: 300 @2100 has 12 MA's), (312, 2115), (330, 2148), (377, 2193), (400, 2238), (409, 2256), (412, 2259), (414, 2262), (491, 2385), (554, 2439), (607, 2553), (636, 2613), (643, 2634), (768, 2865), (815, 2931), (829, 2946), (914, 3117), (943, 3156), (953, 3165), (963, 3174), (986, 3216), (1038, 3288), (1096, 3330), (1126, 3372), (1182, 3420), (1203, 3447), (1205, 3450), (1208, 3456), (1222, 3477), (1246, 3519), (1292, 3597), (1318, 3645),

Gene: LeoAvram_11 Start: 7031, Stop: 8581, Start Num: 239
Candidate Starts for LeoAvram_11:
(26, 6707), (32, 6725), (36, 6755), (Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Leogania_14 Start: 9575, Stop: 11362, Start Num: 103
Candidate Starts for Leogania_14:
(Start: 103 @9575 has 278 MA's), (Start: 206 @9683 has 29 MA's), (226, 9704), (288, 9812), (350, 9899), (388, 9953), (473, 10094), (476, 10097), (503, 10136), (558, 10205), (593, 10295), (603, 10319), (663, 10436), (673, 10451), (857, 10751), (915, 10838), (992, 10937), (1007, 10964), (1026, 10985), (1096, 11081), (1269, 11318), (1290, 11345), (1292, 11348),

Gene: Leona_2 Start: 373, Stop: 1995, Start Num: 182
Candidate Starts for Leona_2:
(Start: 164 @352 has 12 MA's), (Start: 182 @373 has 18 MA's), (374, 604), (381, 616), (400, 652), (409, 670), (414, 676), (455, 748), (587, 916), (607, 967), (625, 991), (636, 1027), (643, 1048), (651, 1063), (682, 1123), (744, 1207), (896, 1423), (905, 1435), (949, 1501), (953, 1507), (980, 1546), (1014, 1585), (1015, 1591), (1030, 1618), (1063, 1663), (1246, 1903), (1259, 1930), (1271, 1951), (1304, 1981), (1306, 1984),

Gene: Leperchaun_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for Leperchaun_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (310, 758), (372, 845), (419, 905), (433, 917), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (695, 1397), (845, 1568), (859, 1580), (872, 1598), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1140, 1979), (1176, 2006), (1202, 2039), (1219, 2066), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: Lesedi_10 Start: 6758, Stop: 8446, Start Num: 102
Candidate Starts for Lesedi_10:
(Start: 102 @6758 has 391 MA's), (363, 7022), (379, 7046), (476, 7208), (500, 7241), (558, 7316), (593, 7406), (603, 7430), (621, 7457), (637, 7505), (679, 7574), (720, 7661), (760, 7721), (939, 7955), (952, 7967), (988, 8009), (995, 8030), (1020, 8057), (1096, 8165), (1182, 8255), (1246, 8360),

Gene: Lev2_9 Start: 6005, Stop: 7756, Start Num: 63
Candidate Starts for Lev2_9:
(Start: 53 @5978 has 20 MA's), (Start: 63 @6005 has 32 MA's), (114, 6074), (Start: 154 @6113 has 1 MA's), (228, 6188), (Start: 231 @6194 has 26 MA's), (350, 6326), (406, 6401), (407, 6404), (489, 6539), (521, 6578), (536, 6602), (593, 6710), (613, 6755), (643, 6833), (646, 6839), (743, 7004), (763, 7037), (778, 7058), (915, 7232), (928, 7256), (930, 7259), (988, 7319), (992, 7331), (1007, 7358), (1026, 7379), (1086, 7463), (1096, 7475), (1269, 7712), (1294, 7745), (1299, 7751),

Gene: Leviathan_14 Start: 7880, Stop: 9667, Start Num: 103
Candidate Starts for Leviathan_14:
(Start: 103 @7880 has 278 MA's), (Start: 206 @7988 has 29 MA's), (226, 8009), (262, 8075), (264, 8081), (288, 8117), (309, 8141), (350, 8204), (473, 8399), (476, 8402), (558, 8510), (593, 8600), (603, 8624), (637, 8699), (663, 8741), (673, 8756), (857, 9056), (992, 9242), (1007, 9269), (1026, 9290), (1096, 9386), (1269, 9623), (1292, 9653),

Gene: Leviticus_6 Start: 2420, Stop: 4048, Start Num: 92
Candidate Starts for Leviticus_6:
(Start: 75 @2402 has 95 MA's), (Start: 92 @2420 has 10 MA's), (325, 2624), (382, 2705), (462, 2840), (480, 2861), (543, 2948), (582, 3020), (593, 3044), (638, 3143), (673, 3197), (751, 3296), (786, 3356), (920, 3518), (927, 3527), (992, 3617), (1007, 3644), (1062, 3722), (1064, 3725), (1096, 3764), (1112, 3785), (1116, 3791), (1130, 3809), (1217, 3905), (1251, 3965),

Gene: Lewan_4 Start: 1069, Stop: 2637, Start Num: 149
Candidate Starts for Lewan_4:
(Start: 149 @1069 has 70 MA's), (Start: 155 @1075 has 82 MA's), (271, 1231), (404, 1408), (484, 1528), (488, 1534), (533, 1594), (582, 1666), (585, 1672), (591, 1693), (636, 1792), (659, 1840), (684, 1894), (700, 1918), (728, 1963), (733, 1969), (753, 1999), (757, 2005), (777, 2032), (782, 2041), (848, 2098), (855, 2104), (873, 2125), (876, 2131), (925, 2206), (927, 2209), (963, 2245), (990, 2290), (1031, 2356), (1093, 2431), (1114, 2449), (1118, 2458), (1241, 2605), (1252, 2629), (1254, 2632),

Gene: Lewando_8 Start: 3539, Stop: 5272, Start Num: 217
Candidate Starts for Lewando_8:
(Start: 217 @3539 has 209 MA's), (Start: 244 @3578 has 5 MA's), (259, 3614), (287, 3638), (438, 3875), (446, 3893), (458, 3923), (504, 4001), (525, 4022), (561, 4091), (604, 4193), (616, 4217), (636, 4274), (647, 4307), (680, 4379), (728, 4478), (744, 4508), (770, 4550), (804, 4607), (868, 4688), (967,

4820), (1000, 4889), (1003, 4892), (1068, 4985), (1146, 5096), (1182, 5120), (1196, 5132), (1203, 5144), (1244, 5222), (1246, 5225),

Gene: LibertyBell_7 Start: 2767, Stop: 4512, Start Num: 217
Candidate Starts for LibertyBell_7:
(Start: 217 @2767 has 209 MA's), (222, 2773), (252, 2821), (280, 2860), (287, 2866), (438, 3115), (504, 3241), (525, 3262), (556, 3316), (596, 3415), (604, 3433), (621, 3469), (628, 3490), (657, 3565), (680, 3619), (728, 3718), (748, 3754), (804, 3847), (859, 3916), (940, 4033), (944, 4039), (949, 4042), (967, 4060), (1000, 4129), (1003, 4132), (1101, 4270), (1146, 4336), (1161, 4339), (1182, 4360), (1196, 4372), (1246, 4465), (1253, 4477),

Gene: Licorice_13 Start: 7615, Stop: 9303, Start Num: 102
Candidate Starts for Licorice_13:
(Start: 102 @7615 has 391 MA's), (363, 7879), (379, 7903), (476, 8065), (500, 8098), (558, 8173), (593, 8263), (603, 8287), (621, 8314), (637, 8362), (720, 8518), (760, 8578), (930, 8803), (939, 8812), (952, 8824), (988, 8866), (995, 8887), (1020, 8914), (1096, 9022), (1182, 9112), (1246, 9217),

Gene: Liebe_2 Start: 532, Stop: 2271, Start Num: 101
Candidate Starts for Liebe_2:
(Start: 101 @532 has 50 MA's), (159, 592), (170, 601), (Start: 224 @655 has 17 MA's), (339, 778), (429, 916), (434, 928), (450, 952), (476, 997), (512, 1045), (572, 1138), (619, 1237), (621, 1240), (640, 1297), (698, 1399), (699, 1402), (763, 1468), (800, 1525), (848, 1594), (930, 1714), (1064, 1906), (1096, 1942), (1106, 1957), (1217, 2122), (1256, 2194), (1265, 2209), (1267, 2212), (1298, 2257),

Gene: Lika_6 Start: 2381, Stop: 4027, Start Num: 75
Candidate Starts for Lika_6:
(Start: 75 @2381 has 95 MA's), (Start: 92 @2399 has 10 MA's), (325, 2603), (350, 2639), (462, 2819), (480, 2840), (543, 2927), (582, 2999), (593, 3023), (638, 3122), (643, 3137), (663, 3161), (665, 3167), (786, 3335), (915, 3485), (927, 3506), (992, 3596), (1064, 3704), (1096, 3743), (1112, 3764), (1116, 3770), (1130, 3788), (1251, 3944),

Gene: LilBib_12 Start: 7558, Stop: 9246, Start Num: 102
Candidate Starts for LilBib_12:
(Start: 102 @7558 has 391 MA's), (Start: 302 @7738 has 3 MA's), (363, 7822), (383, 7858), (406, 7885), (476, 8008), (558, 8116), (593, 8206), (603, 8230), (621, 8257), (637, 8305), (720, 8461), (760, 8521), (939, 8755), (952, 8767), (988, 8809), (995, 8830), (1020, 8857), (1096, 8965), (1182, 9055), (1246, 9160),

Gene: LilDestine_4 Start: 1069, Stop: 2637, Start Num: 149
Candidate Starts for LilDestine_4:
(Start: 149 @1069 has 70 MA's), (Start: 155 @1075 has 82 MA's), (271, 1231), (484, 1528), (488, 1534), (533, 1594), (582, 1666), (585, 1672), (591, 1693), (636, 1792), (659, 1840), (684, 1894), (700, 1918), (728, 1963), (733, 1969), (753, 1999), (757, 2005), (777, 2032), (782, 2041), (848, 2098), (855, 2104), (873, 2125), (876, 2131), (925, 2206), (927, 2209), (963, 2245), (990, 2290), (1031, 2356), (1093, 2431), (1114, 2449), (1118, 2458), (1241, 2605), (1252, 2629), (1254, 2632),

Gene: LilHazelnut_5 Start: 1855, Stop: 3489, Start Num: 84
Candidate Starts for LilHazelnut_5:
(Start: 84 @1855 has 21 MA's), (Start: 128 @1894 has 3 MA's), (199, 1942), (332, 2113), (373, 2152), (487, 2332), (494, 2341), (499, 2350), (550, 2413), (555, 2419), (594, 2503), (595, 2506), (596, 2509), (642, 2605), (643, 2608), (647, 2617), (690, 2683), (720, 2713), (738, 2740), (758, 2773), (772, 2794), (774, 2797), (837, 2893), (855, 2914), (914, 3004), (950, 3046), (965, 3064), (968, 3070), (1005, 3133), (1009, 3139), (1017, 3142), (1044, 3187), (1047, 3193), (1069, 3220), (1087, 3235), (1130, 3286),

(1135, 3295), (1145, 3310), (1148, 3313), (1176, 3352), (1188, 3367), (1200, 3382), (1202, 3385), (1263, 3463), (1267, 3469),

Gene: LilHuddy_7 Start: 3531, Stop: 5270, Start Num: 217
Candidate Starts for LilHuddy_7:
(Start: 211 @3525 has 88 MA's), (Start: 217 @3531 has 209 MA's), (287, 3630), (353, 3750), (426, 3849), (458, 3921), (504, 3999), (525, 4020), (580, 4122), (604, 4191), (616, 4215), (619, 4224), (680, 4377), (713, 4452), (728, 4476), (791, 4581), (804, 4605), (868, 4686), (949, 4800), (967, 4818), (990, 4863), (991, 4866), (1000, 4887), (1003, 4890), (1131, 5070), (1146, 5094), (1182, 5118), (1196, 5130), (1207, 5148), (1244, 5220), (1246, 5223),

Gene: LilJank_12 Start: 4868, Stop: 6313, Start Num: 234
Candidate Starts for LilJank_12:
(Start: 234 @4868 has 29 MA's), (374, 5054), (431, 5147), (480, 5228), (490, 5240), (508, 5273), (532, 5279), (550, 5297), (557, 5306), (596, 5390), (599, 5399), (631, 5459), (637, 5477), (700, 5597), (717, 5624), (765, 5693), (790, 5723), (855, 5789), (925, 5894), (952, 5921), (990, 5981), (1005, 6005), (1033, 6044), (1087, 6107), (1132, 6158), (1183, 6215),

Gene: LilMoolah_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for LilMoolah_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 176 @617 has 83 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (Start: 231 @674 has 26 MA's), (271, 719), (310, 758), (372, 845), (375, 851), (419, 905), (433, 917), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (689, 1388), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1140, 1979), (1176, 2006), (1202, 2039), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: LilStuart_2 Start: 426, Stop: 1991, Start Num: 155
Candidate Starts for LilStuart_2:
(Start: 155 @426 has 82 MA's), (253, 549), (Start: 302 @603 has 3 MA's), (Start: 324 @636 has 4 MA's), (325, 639), (374, 690), (380, 699), (396, 732), (404, 747), (409, 756), (430, 780), (540, 942), (607, 1077), (623, 1098), (636, 1137), (740, 1236), (759, 1266), (768, 1281), (786, 1314), (815, 1362), (825, 1371), (883, 1449), (905, 1485), (923, 1524), (963, 1566), (977, 1593), (1020, 1647), (1044, 1689), (1111, 1734), (1126, 1755), (1141, 1779), (1222, 1857),

Gene: LilTurb_14 Start: 7907, Stop: 9694, Start Num: 103
Candidate Starts for LilTurb_14:
(Start: 103 @7907 has 278 MA's), (Start: 206 @8015 has 29 MA's), (226, 8036), (262, 8102), (264, 8108), (288, 8144), (309, 8168), (350, 8231), (473, 8426), (476, 8429), (558, 8537), (593, 8627), (603, 8651), (637, 8726), (663, 8768), (673, 8783), (857, 9083), (992, 9269), (1007, 9296), (1026, 9317), (1096, 9413), (1269, 9650), (1292, 9680),

Gene: Lilac_10 Start: 2301, Stop: 3971, Start Num: 302
Candidate Starts for Lilac_10:
(Start: 302 @2301 has 3 MA's), (344, 2364), (479, 2598), (548, 2700), (632, 2880), (641, 2904), (650, 2922), (663, 2934), (694, 2997), (698, 3009), (725, 3054), (734, 3069), (784, 3147), (811, 3192), (845, 3246), (851, 3252), (917, 3366), (946, 3414), (994, 3510), (1007, 3531), (1019, 3546), (1118, 3699), (1129, 3711), (1175, 3768), (1205, 3804), (1235, 3855), (1251, 3891), (1253, 3894), (1294, 3960),

Gene: Lilas_2 Start: 485, Stop: 2284, Start Num: 113

Candidate Starts for Lilas_2:
(Start: 113 @485 has 24 MA's), (240, 623), (256, 650), (343, 782), (350, 797), (414, 881), (429, 911), (434, 923), (443, 932), (460, 971), (476, 992), (527, 1052), (541, 1076), (580, 1148), (596, 1184), (614, 1220), (647, 1310), (663, 1331), (685, 1376), (687, 1382), (698, 1400), (705, 1415), (868, 1589), (892, 1616), (930, 1685), (936, 1691), (988, 1757), (992, 1769), (1007, 1796), (1064, 1907), (1086, 1943), (1096, 1955), (1100, 1961), (1111, 1979), (1128, 2006), (1143, 2030), (1189, 2093), (1217, 2135), (1249, 2192), (1256, 2207), (1265, 2222), (1300, 2270), (1302, 2273),

Gene: Lilbit_34 Start: 11121, Stop: 12863, Start Num: 176
Candidate Starts for Lilbit_34:
(Start: 176 @11121 has 83 MA's), (292, 11238), (325, 11283), (354, 11349), (358, 11364), (379, 11397), (380, 11400), (388, 11415), (407, 11439), (409, 11442), (426, 11472), (436, 11493), (443, 11511), (447, 11520), (463, 11556), (476, 11571), (507, 11616), (543, 11658), (565, 11697), (572, 11709), (582, 11730), (604, 11781), (621, 11802), (747, 12024), (814, 12129), (821, 12138), (871, 12171), (890, 12192), (892, 12195), (908, 12222), (915, 12252), (920, 12264), (930, 12279), (939, 12288), (943, 12294), (971, 12336), (983, 12345), (990, 12360), (995, 12375), (1038, 12435), (1061, 12474), (1089, 12507), (1112, 12537), (1115, 12540), (1163, 12624), (1196, 12678), (1205, 12693), (1224, 12720), (1251, 12774), (1309, 12846), (1311, 12849),

Gene: Lilbooboo_2 Start: 588, Stop: 2150, Start Num: 308
Candidate Starts for Lilbooboo_2:
(Start: 308 @588 has 2 MA's), (450, 813), (479, 861), (535, 942), (536, 945), (548, 966), (550, 969), (578, 1017), (591, 1050), (603, 1080), (617, 1095), (632, 1134), (665, 1188), (734, 1311), (764, 1344), (845, 1476), (901, 1539), (905, 1545), (944, 1614), (946, 1620), (972, 1665), (973, 1671), (994, 1719), (1062, 1824), (1064, 1827), (1076, 1845), (1101, 1872), (1134, 1920), (1203, 2001), (1219, 2025), (1226, 2028), (1260, 2100),

Gene: Lilbunny_15 Start: 7514, Stop: 9268, Start Num: 103
Candidate Starts for Lilbunny_15:
(Start: 103 @7514 has 278 MA's), (Start: 231 @7646 has 26 MA's), (288, 7745), (309, 7769), (325, 7796), (350, 7832), (406, 7907), (476, 8030), (489, 8045), (503, 8069), (558, 8138), (569, 8162), (571, 8165), (593, 8228), (603, 8252), (671, 8381), (673, 8384), (729, 8495), (855, 8657), (915, 8744), (920, 8756), (928, 8768), (980, 8816), (988, 8831), (1007, 8870), (1026, 8891), (1086, 8975), (1096, 8987), (1269, 9224), (1290, 9251), (1292, 9254),

Gene: LilhomieP_13 Start: 4719, Stop: 6263, Start Num: 181
Candidate Starts for LilhomieP_13:
(Start: 181 @4719 has 21 MA's), (223, 4767), (377, 4968), (454, 5106), (595, 5298), (700, 5508), (733, 5559), (782, 5631), (873, 5694), (893, 5718), (902, 5733), (939, 5793), (953, 5805), (988, 5865), (1003, 5898), (1028, 5931), (1045, 5958), (1090, 6006), (1228, 6192), (1241, 6213),

Gene: Lilith_13 Start: 6950, Stop: 8650, Start Num: 104
Candidate Starts for Lilith_13:
(Start: 104 @6950 has 125 MA's), (151, 6998), (292, 7133), (426, 7325), (476, 7412), (593, 7610), (634, 7700), (671, 7763), (760, 7925), (915, 8123), (928, 8147), (930, 8150), (988, 8213), (995, 8234), (1026, 8273), (1096, 8369), (1134, 8423), (1182, 8459), (1269, 8606), (1292, 8636), (1294, 8639),

Gene: Lilizi_10 Start: 2512, Stop: 4182, Start Num: 301
Candidate Starts for Lilizi_10:
(Start: 301 @2512 has 48 MA's), (344, 2575), (479, 2809), (548, 2911), (632, 3091), (641, 3115), (650, 3133), (663, 3145), (694, 3208), (698, 3220), (725, 3265), (734, 3280), (784, 3358), (811, 3403), (845, 3457), (851, 3463), (917, 3577), (994, 3721), (1019, 3757), (1118, 3910), (1129, 3922), (1175, 3979), (1205, 4015), (1235, 4066), (1251, 4102), (1253, 4105), (1294, 4171),

Gene: Lilleskat_13 Start: 8109, Stop: 9896, Start Num: 103
Candidate Starts for Lilleskat_13:
(Start: 103 @8109 has 278 MA's), (Start: 117 @8124 has 12 MA's), (Start: 123 @8130 has 9 MA's), (Start: 231 @8241 has 26 MA's), (288, 8340), (406, 8502), (445, 8574), (476, 8628), (503, 8667), (558, 8739), (593, 8829), (603, 8853), (663, 8970), (673, 8985), (727, 9093), (776, 9168), (798, 9204), (837, 9264), (920, 9384), (936, 9405), (980, 9444), (1007, 9498), (1015, 9501), (1026, 9519), (1061, 9573), (1086, 9603), (1096, 9615), (1182, 9705), (1198, 9723), (1269, 9852), (1290, 9879), (1292, 9882),

Gene: Lillie_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Lillie_8:
(Start: 104 @3156 has 125 MA's), (Start: 302 @3342 has 3 MA's), (350, 3414), (363, 3426), (379, 3450), (383, 3462), (476, 3615), (489, 3630), (536, 3690), (593, 3798), (621, 3855), (718, 4053), (729, 4071), (763, 4125), (892, 4269), (913, 4308), (915, 4311), (936, 4344), (992, 4413), (1096, 4557), (1130, 4602), (1196, 4662), (1251, 4761), (1269, 4794), (1290, 4821), (1292, 4824), (1294, 4827),

Gene: Lilo27_3 Start: 680, Stop: 2311, Start Num: 211
Candidate Starts for Lilo27_3:
(Start: 211 @680 has 88 MA's), (330, 836), (409, 944), (459, 1028), (479, 1052), (489, 1070), (554, 1127), (585, 1178), (586, 1181), (607, 1241), (622, 1259), (632, 1289), (642, 1319), (963, 1793), (1222, 2144), (1249, 2192), (1318, 2300),

Gene: Lilpickle_7 Start: 1729, Stop: 3399, Start Num: 301
Candidate Starts for Lilpickle_7:
(226, 1603), (267, 1681), (Start: 301 @1729 has 48 MA's), (344, 1792), (479, 2026), (548, 2128), (632, 2308), (641, 2332), (650, 2350), (663, 2362), (694, 2425), (698, 2437), (725, 2482), (734, 2497), (784, 2575), (811, 2620), (845, 2674), (851, 2680), (917, 2794), (946, 2842), (994, 2938), (1007, 2959), (1019, 2974), (1118, 3127), (1129, 3139), (1175, 3196), (1205, 3232), (1235, 3283), (1251, 3319), (1253, 3322), (1294, 3388),

Gene: LilyBell_2 Start: 625, Stop: 2373, Start Num: 236
Candidate Starts for LilyBell_2:
(185, 568), (189, 574), (213, 601), (Start: 236 @625 has 15 MA's), (295, 718), (382, 859), (385, 865), (403, 898), (405, 901), (482, 1039), (536, 1114), (548, 1135), (605, 1261), (664, 1363), (691, 1420), (697, 1435), (723, 1474), (821, 1630), (907, 1747), (913, 1762), (924, 1786), (945, 1819), (1026, 1969), (1041, 1996), (1056, 2020), (1064, 2038), (1088, 2068), (1129, 2125), (1150, 2152), (1177, 2176), (1185, 2185), (1226, 2236), (1251, 2290),

Gene: LimaBean_3 Start: 689, Stop: 2317, Start Num: 211
Candidate Starts for LimaBean_3:
(Start: 211 @689 has 88 MA's), (330, 845), (409, 953), (459, 1037), (489, 1079), (554, 1136), (585, 1187), (586, 1190), (607, 1250), (622, 1268), (632, 1298), (642, 1328), (949, 1784), (963, 1799), (1222, 2150), (1249, 2198), (1318, 2306),

Gene: Linda_8 Start: 3618, Stop: 5366, Start Num: 217
Candidate Starts for Linda_8:
(Start: 200 @3600 has 5 MA's), (Start: 217 @3618 has 209 MA's), (280, 3711), (287, 3717), (325, 3774), (353, 3837), (458, 4014), (504, 4092), (525, 4113), (580, 4215), (604, 4284), (680, 4470), (713, 4545), (728, 4569), (791, 4674), (804, 4698), (868, 4782), (949, 4896), (967, 4914), (1000, 4983), (1003, 4986), (1038, 5037), (1068, 5079), (1131, 5166), (1161, 5193), (1182, 5214), (1196, 5226), (1207, 5244), (1246, 5319),

Gene: LionelHutz_3 Start: 1086, Stop: 2546, Start Num: 193

Candidate Starts for LionelHutz_3:
(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (744, 1881), (753, 1896), (777, 1932), (804, 1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: LionsBait_13 Start: 9186, Stop: 10973, Start Num: 103
Candidate Starts for LionsBait_13:
(Start: 103 @9186 has 278 MA's), (Start: 206 @9294 has 29 MA's), (226, 9315), (276, 9405), (288, 9423), (309, 9447), (473, 9705), (476, 9708), (503, 9747), (558, 9816), (593, 9906), (603, 9930), (663, 10047), (673, 10062), (992, 10548), (1007, 10575), (1026, 10596), (1096, 10692), (1269, 10929), (1290, 10956), (1292, 10959),

Gene: LisoBros_2 Start: 462, Stop: 1961, Start Num: 186
Candidate Starts for LisoBros_2:
(Start: 186 @462 has 2 MA's), (332, 636), (451, 807), (557, 930), (582, 972), (596, 1014), (605, 1035), (631, 1092), (663, 1164), (679, 1194), (753, 1308), (873, 1464), (896, 1494), (900, 1500), (925, 1545), (990, 1626), (1026, 1680), (1248, 1950),

Gene: Litotes_5 Start: 3057, Stop: 4625, Start Num: 155
Candidate Starts for Litotes_5:
(Start: 155 @3057 has 82 MA's), (306, 3243), (325, 3273), (374, 3324), (381, 3336), (396, 3366), (409, 3390), (430, 3414), (489, 3516), (554, 3597), (584, 3645), (607, 3711), (632, 3759), (635, 3768), (740, 3870), (759, 3900), (783, 3939), (836, 4026), (905, 4119), (953, 4191), (977, 4227), (1044, 4323), (1126, 4389), (1164, 4419), (1169, 4425), (1222, 4491), (1308, 4611),

Gene: LittleB_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for LittleB_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (465, 7328), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: LittleCherry_9 Start: 6189, Stop: 7940, Start Num: 63
Candidate Starts for LittleCherry_9:
(Start: 53 @6162 has 20 MA's), (Start: 63 @6189 has 32 MA's), (114, 6258), (228, 6372), (Start: 231 @6378 has 26 MA's), (350, 6510), (406, 6585), (407, 6588), (426, 6621), (445, 6654), (521, 6762), (536, 6786), (558, 6819), (593, 6894), (613, 6939), (643, 7017), (646, 7023), (679, 7068), (763, 7221), (778, 7242), (915, 7416), (928, 7440), (930, 7443), (988, 7503), (992, 7515), (1007, 7542), (1026, 7563), (1086, 7647), (1096, 7659), (1269, 7896), (1294, 7929), (1299, 7935),

Gene: LittleGuy_11 Start: 6827, Stop: 8524, Start Num: 102
Candidate Starts for LittleGuy_11:
(26, 6650), (32, 6668), (36, 6698), (Start: 102 @6827 has 391 MA's), (Start: 126 @6851 has 206 MA's), (Start: 239 @6974 has 2 MA's), (339, 7064), (363, 7097), (426, 7196), (473, 7280), (476, 7283), (503, 7322), (558, 7391), (569, 7415), (593, 7481), (634, 7571), (720, 7736), (778, 7823), (798, 7856), (864, 7922), (913, 7994), (915, 7997), (928, 8021), (980, 8072), (988, 8087), (1007, 8126), (1026, 8147), (1096, 8243), (1269, 8480), (1292, 8510), (1294, 8513),

Gene: LittleLaf_35 Start: 10850, Stop: 12592, Start Num: 176
Candidate Starts for LittleLaf_35:

(Start: 176 @10850 has 83 MA's), (292, 10967), (325, 11012), (354, 11078), (358, 11093), (379, 11126), (380, 11129), (388, 11144), (407, 11168), (409, 11171), (426, 11201), (436, 11222), (443, 11240), (447, 11249), (463, 11285), (476, 11300), (507, 11345), (543, 11387), (565, 11426), (572, 11438), (582, 11459), (604, 11510), (621, 11531), (747, 11753), (814, 11858), (821, 11867), (871, 11900), (890, 11921), (892, 11924), (908, 11951), (915, 11981), (920, 11993), (930, 12008), (939, 12017), (943, 12023), (971, 12065), (983, 12074), (990, 12089), (995, 12104), (1038, 12164), (1061, 12203), (1089, 12236), (1112, 12266), (1115, 12269), (1163, 12353), (1196, 12407), (1205, 12422), (1224, 12449), (1251, 12503), (1309, 12575), (1311, 12578),

Gene: LittleRon_2 Start: 625, Stop: 2373, Start Num: 236
Candidate Starts for LittleRon_2:
(189, 574), (213, 601), (Start: 236 @625 has 15 MA's), (295, 718), (382, 859), (385, 865), (403, 898), (405, 901), (419, 919), (439, 961), (482, 1039), (498, 1063), (510, 1075), (536, 1114), (548, 1135), (567, 1168), (590, 1222), (603, 1255), (605, 1261), (664, 1363), (691, 1420), (697, 1435), (723, 1474), (784, 1570), (907, 1747), (913, 1762), (924, 1786), (1026, 1969), (1041, 1996), (1056, 2020), (1064, 2038), (1088, 2068), (1129, 2125), (1150, 2152), (1177, 2176), (1185, 2185), (1201, 2203), (1226, 2236), (1251, 2290),

Gene: LittleTokyo_3 Start: 691, Stop: 2322, Start Num: 164
Candidate Starts for LittleTokyo_3:
(72, 580), (158, 685), (Start: 164 @691 has 12 MA's), (Start: 191 @724 has 6 MA's), (Start: 314 @865 has 1 MA's), (325, 886), (374, 937), (381, 949), (400, 985), (409, 1003), (414, 1009), (430, 1027), (554, 1186), (585, 1237), (607, 1300), (636, 1360), (643, 1381), (682, 1453), (768, 1579), (815, 1639), (873, 1720), (884, 1735), (896, 1756), (923, 1807), (963, 1849), (980, 1879), (1014, 1918), (1017, 1927), (1063, 1996), (1147, 2098), (1157, 2107), (1162, 2113), (1182, 2134), (1184, 2137), (1203, 2161), (1244, 2227), (1246, 2230), (1265, 2269), (1306, 2311),

Gene: Livingwater_3 Start: 1071, Stop: 2531, Start Num: 193
Candidate Starts for Livingwater_3:
(Start: 193 @1071 has 146 MA's), (Start: 198 @1077 has 6 MA's), (325, 1239), (330, 1248), (377, 1308), (415, 1377), (431, 1398), (455, 1449), (606, 1653), (623, 1677), (669, 1788), (744, 1866), (753, 1881), (777, 1917), (804, 1959), (832, 1992), (840, 2010), (923, 2130), (925, 2133), (936, 2145), (990, 2220), (1031, 2283), (1044, 2301), (1045, 2304), (1186, 2466), (1199, 2475), (1232, 2523),

Gene: LiyuLake_5 Start: 1193, Stop: 2758, Start Num: 149
Candidate Starts for LiyuLake_5:
(Start: 104 @1142 has 125 MA's), (Start: 112 @1151 has 1 MA's), (Start: 149 @1193 has 70 MA's), (Start: 155 @1199 has 82 MA's), (284, 1370), (Start: 314 @1403 has 1 MA's), (374, 1475), (379, 1481), (381, 1487), (476, 1643), (484, 1652), (486, 1655), (488, 1658), (550, 1733), (582, 1787), (584, 1790), (585, 1793), (684, 2015), (688, 2024), (737, 2099), (753, 2120), (757, 2126), (777, 2153), (808, 2195), (848, 2219), (866, 2237), (876, 2252), (963, 2366), (988, 2405), (990, 2411), (1031, 2477), (1111, 2567), (1118, 2579), (1155, 2618), (1228, 2705), (1252, 2750), (1254, 2753),

Gene: Lizalica_2 Start: 531, Stop: 2237, Start Num: 101
Candidate Starts for Lizalica_2:
(3, 54), (11, 240), (12, 243), (Start: 101 @531 has 50 MA's), (444, 903), (476, 960), (512, 1008), (572, 1098), (596, 1152), (646, 1272), (699, 1362), (828, 1524), (888, 1599), (915, 1647), (980, 1731), (1026, 1806), (1096, 1902), (1106, 1917), (1144, 1971), (1196, 2052), (1244, 2136), (1256, 2160),

Gene: Lizziana_2 Start: 573, Stop: 2210, Start Num: 126
Candidate Starts for Lizziana_2:
(Start: 126 @573 has 206 MA's), (133, 582), (Start: 147 @597 has 3 MA's), (Start: 176 @618 has 83 MA's), (Start: 217 @654 has 209 MA's), (Start: 219 @657 has 2 MA's), (Start: 231 @675 has 26 MA's),

(271, 720), (310, 759), (372, 846), (419, 906), (442, 930), (445, 939), (447, 942), (454, 963), (467, 984), (482, 999), (519, 1056), (543, 1095), (580, 1164), (584, 1170), (597, 1200), (598, 1203), (603, 1212), (612, 1227), (621, 1245), (638, 1296), (689, 1389), (695, 1398), (845, 1569), (859, 1581), (915, 1665), (934, 1695), (937, 1698), (940, 1701), (988, 1758), (993, 1773), (995, 1779), (996, 1782), (1007, 1797), (1020, 1806), (1042, 1845), (1062, 1875), (1082, 1905), (1084, 1914), (1112, 1947), (1140, 1980), (1176, 2007), (1202, 2040), (1222, 2070), (1235, 2091), (1246, 2115), (1251, 2124), (1253, 2127), (1284, 2184),

Gene: Llama_2 Start: 581, Stop: 2218, Start Num: 126
Candidate Starts for Llama_2:
(Start: 117 @578 has 12 MA's), (Start: 126 @581 has 206 MA's), (Start: 147 @605 has 3 MA's), (Start: 184 @638 has 3 MA's), (Start: 217 @662 has 209 MA's), (Start: 219 @665 has 2 MA's), (271, 728), (310, 767), (372, 854), (375, 860), (419, 914), (442, 938), (445, 947), (447, 950), (454, 971), (467, 992), (519, 1064), (543, 1103), (580, 1172), (584, 1178), (597, 1208), (598, 1211), (603, 1220), (612, 1235), (621, 1253), (638, 1304), (689, 1397), (695, 1406), (845, 1577), (859, 1589), (915, 1673), (934, 1703), (937, 1706), (940, 1709), (988, 1766), (993, 1781), (995, 1787), (996, 1790), (1007, 1805), (1020, 1814), (1062, 1883), (1082, 1913), (1084, 1922), (1112, 1955), (1140, 1988), (1176, 2015), (1202, 2048), (1214, 2069), (1219, 2075), (1222, 2078), (1235, 2099), (1246, 2123), (1251, 2132), (1253, 2135), (1284, 2192),

Gene: Llij_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Llij_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (689, 1403), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1132, 1982), (1140, 1994), (1176, 2021), (1202, 2054), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Loadrie_4 Start: 1069, Stop: 2637, Start Num: 149
Candidate Starts for Loadrie_4:
(Start: 149 @1069 has 70 MA's), (Start: 155 @1075 has 82 MA's), (271, 1231), (484, 1528), (488, 1534), (533, 1594), (582, 1666), (585, 1672), (636, 1792), (659, 1840), (684, 1894), (700, 1918), (728, 1963), (733, 1969), (753, 1999), (757, 2005), (777, 2032), (782, 2041), (848, 2098), (855, 2104), (873, 2125), (876, 2131), (925, 2206), (927, 2209), (963, 2245), (990, 2290), (1031, 2356), (1093, 2431), (1114, 2449), (1118, 2458), (1241, 2605), (1252, 2629), (1254, 2632),

Gene: Loca_3 Start: 1092, Stop: 2552, Start Num: 193
Candidate Starts for Loca_3:
(Start: 193 @1092 has 146 MA's), (Start: 198 @1098 has 6 MA's), (325, 1260), (330, 1269), (377, 1329), (415, 1398), (431, 1419), (455, 1470), (606, 1674), (669, 1809), (744, 1887), (753, 1902), (777, 1938), (804, 1980), (832, 2013), (840, 2031), (923, 2151), (925, 2154), (990, 2241), (1031, 2304), (1044, 2322), (1045, 2325), (1186, 2487), (1199, 2496), (1232, 2544),

Gene: LochMonster_11 Start: 6859, Stop: 8556, Start Num: 102
Candidate Starts for LochMonster_11:
(Start: 102 @6859 has 391 MA's), (Start: 126 @6883 has 206 MA's), (Start: 239 @7006 has 2 MA's), (339, 7096), (363, 7129), (426, 7228), (473, 7312), (476, 7315), (503, 7354), (558, 7423), (569, 7447), (593, 7513), (634, 7603), (778, 7855), (798, 7888), (864, 7954), (913, 8026), (915, 8029), (928, 8053), (980, 8104), (988, 8119), (1007, 8158), (1026, 8179), (1096, 8275), (1269, 8512), (1292, 8542), (1294,

8545),

Gene: Lockley_11 Start: 6937, Stop: 8625, Start Num: 102
Candidate Starts for Lockley_11:
(Start: 102 @6937 has 391 MA's), (363, 7201), (379, 7225), (476, 7387), (558, 7495), (593, 7585), (603, 7609), (621, 7636), (637, 7684), (679, 7753), (720, 7840), (727, 7849), (760, 7900), (939, 8134), (952, 8146), (988, 8188), (995, 8209), (1020, 8236), (1096, 8344), (1182, 8434), (1246, 8539),

Gene: LogiBear_15 Start: 7397, Stop: 9094, Start Num: 103
Candidate Starts for LogiBear_15:
(Start: 103 @7397 has 278 MA's), (121, 7412), (179, 7466), (292, 7574), (363, 7667), (406, 7730), (476, 7856), (558, 7964), (593, 8054), (603, 8078), (671, 8207), (855, 8483), (915, 8570), (920, 8582), (928, 8594), (988, 8657), (1007, 8696), (1026, 8717), (1096, 8813), (1196, 8918), (1230, 8972), (1269, 9050), (1290, 9077), (1292, 9080), (1294, 9083),

Gene: Lokk_15 Start: 9141, Stop: 10922, Start Num: 103
Candidate Starts for Lokk_15:
(39, 9021), (82, 9114), (Start: 103 @9141 has 278 MA's), (Start: 231 @9273 has 26 MA's), (271, 9348), (288, 9372), (325, 9423), (473, 9654), (476, 9657), (503, 9696), (558, 9765), (593, 9855), (603, 9879), (646, 9978), (671, 10008), (673, 10011), (980, 10470), (988, 10485), (992, 10497), (1007, 10524), (1026, 10545), (1096, 10641), (1269, 10878), (1290, 10905), (1292, 10908),

Gene: Lola20_3 Start: 1071, Stop: 2531, Start Num: 193
Candidate Starts for Lola20_3:
(Start: 193 @1071 has 146 MA's), (Start: 198 @1077 has 6 MA's), (325, 1239), (330, 1248), (377, 1308), (415, 1377), (431, 1398), (455, 1449), (606, 1653), (744, 1866), (753, 1881), (777, 1917), (804, 1959), (832, 1992), (840, 2010), (923, 2130), (925, 2133), (936, 2145), (990, 2220), (1031, 2283), (1044, 2301), (1045, 2304), (1186, 2466), (1199, 2475), (1205, 2484), (1232, 2523),

Gene: Lollipop1437_29 Start: 13812, Stop: 15491, Start Num: 126
Candidate Starts for Lollipop1437_29:
(Start: 126 @13812 has 206 MA's), (270, 13962), (319, 14019), (337, 14046), (346, 14058), (365, 14097), (384, 14130), (597, 14472), (612, 14499), (695, 14667), (699, 14679), (716, 14712), (798, 14790), (888, 14892), (959, 15006), (996, 15087), (1007, 15102), (1038, 15144), (1084, 15210), (1094, 15222), (1121, 15258), (1166, 15285), (1219, 15354), (1222, 15357), (1261, 15426),

Gene: Lolly9_5 Start: 1196, Stop: 2761, Start Num: 149
Candidate Starts for Lolly9_5:
(Start: 149 @1196 has 70 MA's), (Start: 155 @1202 has 82 MA's), (284, 1373), (374, 1478), (381, 1490), (476, 1646), (484, 1655), (486, 1658), (488, 1661), (550, 1736), (582, 1790), (584, 1793), (585, 1796), (669, 1985), (688, 2027), (737, 2102), (753, 2123), (757, 2129), (808, 2198), (866, 2240), (873, 2249), (876, 2255), (963, 2369), (988, 2408), (990, 2414), (1031, 2480), (1078, 2534), (1111, 2570), (1118, 2582), (1155, 2621), (1228, 2708), (1252, 2753), (1254, 2756),

Gene: London_2 Start: 534, Stop: 2240, Start Num: 101
Candidate Starts for London_2:
(Start: 101 @534 has 50 MA's), (Start: 224 @621 has 17 MA's), (444, 906), (476, 963), (491, 984), (512, 1011), (572, 1101), (596, 1155), (619, 1200), (646, 1275), (699, 1365), (800, 1488), (828, 1527), (915, 1650), (1038, 1830), (1061, 1863), (1096, 1905), (1106, 1920), (1196, 2055), (1217, 2091), (1251, 2151), (1256, 2163),

Gene: LoneWolf_13 Start: 7971, Stop: 9743, Start Num: 117
Candidate Starts for LoneWolf_13:

(Start: 103 @7956 has 278 MA's), (Start: 117 @7971 has 12 MA's), (Start: 231 @8088 has 26 MA's), (288, 8187), (309, 8211), (406, 8349), (445, 8421), (476, 8475), (503, 8514), (558, 8586), (593, 8676), (603, 8700), (637, 8775), (673, 8832), (727, 8940), (776, 9015), (798, 9051), (837, 9111), (888, 9171), (920, 9231), (936, 9252), (980, 9291), (1007, 9345), (1015, 9348), (1026, 9366), (1061, 9420), (1086, 9450), (1096, 9462), (1184, 9555), (1198, 9570), (1269, 9699), (1290, 9726), (1292, 9729),

Gene: LonelyBoi_2 Start: 485, Stop: 2284, Start Num: 113
Candidate Starts for LonelyBoi_2:
(Start: 113 @485 has 24 MA's), (240, 623), (343, 782), (350, 797), (429, 911), (434, 923), (443, 932), (460, 971), (476, 992), (541, 1076), (580, 1148), (596, 1184), (614, 1220), (647, 1310), (663, 1331), (685, 1376), (687, 1382), (698, 1400), (705, 1415), (868, 1589), (892, 1616), (930, 1685), (936, 1691), (988, 1757), (992, 1769), (1007, 1796), (1064, 1907), (1086, 1943), (1096, 1955), (1111, 1979), (1128, 2006), (1143, 2030), (1189, 2093), (1217, 2135), (1249, 2192), (1256, 2207), (1265, 2222), (1267, 2225), (1300, 2270), (1302, 2273),

Gene: LongHai_6 Start: 2100, Stop: 3764, Start Num: 176
Candidate Starts for LongHai_6:
(Start: 176 @2100 has 83 MA's), (Start: 212 @2139 has 5 MA's), (Start: 231 @2163 has 26 MA's), (350, 2292), (443, 2439), (450, 2454), (476, 2499), (507, 2547), (537, 2583), (571, 2640), (582, 2664), (597, 2700), (699, 2898), (706, 2913), (729, 2952), (873, 3138), (908, 3189), (915, 3219), (1064, 3432), (1091, 3462), (1112, 3489), (1119, 3501), (1170, 3537), (1171, 3540), (1234, 3633), (1261, 3690),

Gene: Loofah_7 Start: 2247, Stop: 3908, Start Num: 75
Candidate Starts for Loofah_7:
(Start: 75 @2247 has 95 MA's), (382, 2565), (443, 2658), (450, 2673), (462, 2700), (480, 2721), (543, 2808), (593, 2904), (607, 2937), (634, 2991), (646, 3024), (665, 3048), (701, 3117), (766, 3180), (769, 3186), (786, 3216), (800, 3234), (869, 3300), (913, 3363), (915, 3366), (920, 3378), (927, 3387), (933, 3396), (980, 3450), (992, 3477), (1096, 3624), (1112, 3645), (1130, 3669), (1196, 3729), (1251, 3825), (1300, 3903),

Gene: Looper_15 Start: 6686, Stop: 8383, Start Num: 103
Candidate Starts for Looper_15:
(Start: 103 @6686 has 278 MA's), (121, 6704), (292, 6866), (406, 7022), (445, 7091), (476, 7145), (558, 7253), (571, 7280), (593, 7343), (603, 7367), (928, 7883), (988, 7946), (1015, 7988), (1096, 8102), (1196, 8207), (1269, 8339), (1290, 8366), (1292, 8369), (1294, 8372),

Gene: LordFarquaad_2 Start: 318, Stop: 1889, Start Num: 134
Candidate Starts for LordFarquaad_2:
(Start: 134 @318 has 105 MA's), (281, 474), (313, 504), (332, 537), (397, 621), (402, 630), (431, 666), (461, 726), (550, 816), (552, 819), (596, 912), (607, 936), (630, 978), (654, 1032), (679, 1071), (736, 1137), (741, 1149), (760, 1179), (783, 1212), (837, 1293), (873, 1338), (876, 1344), (895, 1365), (950, 1455), (986, 1500), (989, 1506), (1003, 1536), (1005, 1539), (1044, 1593), (1078, 1629), (1120, 1680), (1162, 1740), (1164, 1743), (1200, 1785), (1266, 1872),

Gene: Lorelei_6 Start: 2392, Stop: 4020, Start Num: 92
Candidate Starts for Lorelei_6:
(Start: 75 @2374 has 95 MA's), (Start: 92 @2392 has 10 MA's), (325, 2596), (350, 2632), (462, 2812), (480, 2833), (515, 2878), (543, 2920), (582, 2992), (593, 3016), (638, 3115), (643, 3130), (663, 3154), (665, 3160), (786, 3328), (915, 3478), (927, 3499), (992, 3589), (1064, 3697), (1096, 3736), (1112, 3757), (1116, 3763), (1130, 3781), (1251, 3937), (1300, 4015),

Gene: Lorenzo_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Lorenzo_11:

(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Loretta_7 Start: 3620, Stop: 5359, Start Num: 217
Candidate Starts for Loretta_7:
(Start: 217 @3620 has 209 MA's), (287, 3719), (353, 3839), (426, 3938), (446, 3980), (458, 4010), (504, 4088), (525, 4109), (580, 4211), (604, 4280), (636, 4361), (680, 4466), (713, 4541), (728, 4565), (791, 4670), (804, 4694), (868, 4775), (897, 4823), (949, 4889), (967, 4907), (1000, 4976), (1146, 5183), (1182, 5207), (1196, 5219), (1244, 5309), (1246, 5312),

Gene: Loser_15 Start: 9241, Stop: 11001, Start Num: 103
Candidate Starts for Loser_15:
(Start: 103 @9241 has 278 MA's), (Start: 206 @9349 has 29 MA's), (226, 9370), (271, 9454), (288, 9478), (350, 9565), (445, 9709), (476, 9763), (558, 9871), (593, 9961), (603, 9985), (673, 10117), (751, 10261), (857, 10393), (915, 10477), (980, 10549), (988, 10564), (1007, 10603), (1015, 10606), (1026, 10624), (1096, 10720), (1144, 10789), (1269, 10957), (1290, 10984), (1292, 10987), (1294, 10990), (1296, 10993),

Gene: Louie6_13 Start: 7044, Stop: 8744, Start Num: 104
Candidate Starts for Louie6_13:
(Start: 104 @7044 has 125 MA's), (151, 7092), (292, 7227), (426, 7419), (476, 7506), (593, 7704), (634, 7794), (671, 7857), (760, 8019), (915, 8217), (928, 8241), (930, 8244), (988, 8307), (992, 8319), (995, 8328), (1007, 8346), (1026, 8367), (1096, 8463), (1134, 8517), (1182, 8553), (1269, 8700), (1292, 8730), (1294, 8733),

Gene: Loviatar_3 Start: 960, Stop: 2585, Start Num: 211
Candidate Starts for Loviatar_3:
(Start: 211 @960 has 88 MA's), (237, 996), (330, 1116), (409, 1224), (426, 1239), (459, 1308), (491, 1353), (585, 1458), (586, 1461), (607, 1521), (622, 1539), (623, 1542), (632, 1569), (642, 1599), (744, 1761), (898, 1977), (949, 2052), (962, 2064), (1162, 2343), (1222, 2418),

Gene: Lowa_13 Start: 6949, Stop: 8649, Start Num: 104
Candidate Starts for Lowa_13:
(Start: 104 @6949 has 125 MA's), (151, 6997), (292, 7132), (426, 7324), (476, 7411), (593, 7609), (634, 7699), (671, 7762), (760, 7924), (915, 8122), (928, 8146), (930, 8149), (988, 8212), (995, 8233), (1026, 8272), (1096, 8368), (1134, 8422), (1182, 8458), (1269, 8605), (1292, 8635), (1294, 8638),

Gene: Lozinak_30 Start: 8683, Stop: 10431, Start Num: 127
Candidate Starts for Lozinak_30:
(Start: 127 @8683 has 26 MA's), (153, 8713), (280, 8842), (419, 9028), (433, 9067), (447, 9091), (459, 9121), (478, 9139), (496, 9166), (511, 9196), (619, 9388), (627, 9406), (704, 9568), (756, 9616), (766, 9631), (901, 9814), (905, 9820), (957, 9904), (991, 9991), (1016, 10024), (1084, 10138), (1115, 10174), (1134, 10198), (1159, 10213), (1273, 10387), (1278, 10393),

Gene: Luchador_12 Start: 7549, Stop: 9303, Start Num: 103
Candidate Starts for Luchador_12:
(93, 7534), (Start: 103 @7549 has 278 MA's), (Start: 123 @7567 has 9 MA's), (Start: 212 @7654 has 5 MA's), (Start: 231 @7678 has 26 MA's), (260, 7732), (266, 7744), (271, 7753), (288, 7777), (325, 7828), (343, 7849), (473, 8059), (476, 8062), (558, 8173), (569, 8197), (593, 8263), (603, 8287), (634, 8353), (673, 8419), (727, 8527), (776, 8602), (861, 8704), (915, 8779), (920, 8791), (928, 8803), (930,

8806), (988, 8866), (1026, 8926), (1096, 9022), (1144, 9091), (1269, 9259), (1290, 9286),

Gene: Lucivia_12 Start: 8073, Stop: 9836, Start Num: 103
Candidate Starts for Lucivia_12:
(40, 7953), (Start: 103 @8073 has 278 MA's), (Start: 123 @8094 has 9 MA's), (Start: 206 @8181 has 29 MA's), (288, 8310), (309, 8334), (350, 8397), (445, 8541), (473, 8592), (476, 8595), (558, 8706), (569, 8730), (571, 8733), (593, 8796), (596, 8805), (603, 8820), (663, 8937), (673, 8952), (701, 9012), (751, 9096), (920, 9324), (928, 9336), (980, 9384), (988, 9399), (1007, 9438), (1026, 9459), (1049, 9498), (1086, 9543), (1096, 9555), (1269, 9792), (1290, 9819),

Gene: Lucky2013_10 Start: 3458, Stop: 4990, Start Num: 232
Candidate Starts for Lucky2013_10:
(Start: 196 @3416 has 1 MA's), (207, 3425), (Start: 232 @3458 has 12 MA's), (323, 3572), (360, 3635), (380, 3668), (381, 3671), (401, 3710), (404, 3716), (452, 3791), (476, 3827), (550, 3902), (552, 3905), (573, 3941), (588, 3974), (713, 4223), (767, 4286), (783, 4313), (900, 4472), (918, 4508), (939, 4529), (952, 4538), (962, 4547), (990, 4601), (1000, 4625), (1186, 4859), (1202, 4871),

Gene: Lucy_2 Start: 426, Stop: 1991, Start Num: 155
Candidate Starts for Lucy_2:
(Start: 155 @426 has 82 MA's), (253, 549), (Start: 302 @603 has 3 MA's), (Start: 324 @636 has 4 MA's), (325, 639), (374, 690), (396, 732), (409, 756), (430, 780), (540, 942), (607, 1077), (623, 1098), (636, 1137), (647, 1167), (740, 1236), (759, 1266), (768, 1281), (786, 1314), (815, 1362), (825, 1371), (883, 1449), (905, 1485), (923, 1524), (953, 1557), (963, 1566), (977, 1593), (1020, 1647), (1044, 1689), (1111, 1734), (1126, 1755), (1141, 1779), (1222, 1857),

Gene: LucySwiss_7 Start: 3568, Stop: 5307, Start Num: 217
Candidate Starts for LucySwiss_7:
(Start: 217 @3568 has 209 MA's), (287, 3667), (353, 3787), (426, 3886), (446, 3928), (458, 3958), (482, 3988), (504, 4036), (525, 4057), (580, 4159), (604, 4228), (616, 4252), (647, 4342), (680, 4414), (713, 4489), (728, 4513), (791, 4618), (804, 4642), (868, 4723), (897, 4771), (949, 4837), (967, 4855), (970, 4861), (1000, 4924), (1003, 4927), (1136, 5116), (1146, 5131), (1161, 5134), (1182, 5155), (1196, 5167), (1244, 5257), (1246, 5260),

Gene: Lucyedi_13 Start: 7527, Stop: 9281, Start Num: 103
Candidate Starts for Lucyedi_13:
(Start: 103 @7527 has 278 MA's), (Start: 231 @7659 has 26 MA's), (288, 7758), (350, 7845), (406, 7920), (445, 7989), (473, 8040), (476, 8043), (558, 8151), (593, 8241), (603, 8265), (671, 8394), (673, 8397), (687, 8433), (857, 8673), (864, 8682), (915, 8757), (980, 8829), (988, 8844), (1007, 8883), (1026, 8904), (1086, 8988), (1096, 9000), (1196, 9105), (1246, 9195), (1251, 9204), (1269, 9237), (1290, 9264), (1292, 9267), (1294, 9270), (1296, 9273),

Gene: LugYA_15 Start: 6955, Stop: 8655, Start Num: 104
Candidate Starts for LugYA_15:
(Start: 104 @6955 has 125 MA's), (151, 7003), (292, 7138), (426, 7330), (476, 7417), (501, 7453), (593, 7615), (634, 7705), (671, 7768), (760, 7930), (915, 8128), (928, 8152), (930, 8155), (988, 8218), (995, 8239), (1026, 8278), (1096, 8374), (1134, 8428), (1182, 8464), (1269, 8611), (1292, 8641), (1294, 8644),

Gene: Luke_5 Start: 1894, Stop: 3489, Start Num: 128
Candidate Starts for Luke_5:
(Start: 84 @1855 has 21 MA's), (Start: 128 @1894 has 3 MA's), (199, 1942), (332, 2113), (373, 2152), (487, 2332), (494, 2341), (499, 2350), (550, 2413), (555, 2419), (594, 2503), (595, 2506), (596, 2509), (642, 2605), (643, 2608), (647, 2617), (690, 2683), (720, 2713), (738, 2740), (758, 2773), (772, 2794),

(774, 2797), (837, 2893), (855, 2914), (914, 3004), (950, 3046), (965, 3064), (968, 3070), (1005, 3133), (1009, 3139), (1017, 3142), (1044, 3187), (1047, 3193), (1069, 3220), (1087, 3235), (1130, 3286), (1135, 3295), (1145, 3310), (1148, 3313), (1176, 3352), (1188, 3367), (1200, 3382), (1202, 3385), (1263, 3463), (1267, 3469),

Gene: Lumos_5 Start: 1190, Stop: 2755, Start Num: 149
Candidate Starts for Lumos_5:
(Start: 104 @1139 has 125 MA's), (Start: 112 @1148 has 1 MA's), (Start: 149 @1190 has 70 MA's), (Start: 155 @1196 has 82 MA's), (284, 1367), (312, 1397), (374, 1472), (379, 1478), (381, 1484), (476, 1640), (484, 1649), (486, 1652), (488, 1655), (550, 1730), (582, 1784), (584, 1787), (585, 1790), (688, 2021), (737, 2096), (753, 2117), (757, 2123), (808, 2192), (848, 2216), (866, 2234), (876, 2249), (963, 2363), (988, 2402), (990, 2408), (1031, 2474), (1078, 2528), (1111, 2564), (1118, 2576), (1155, 2615), (1228, 2702), (1252, 2747), (1254, 2750),

Gene: Luna22_5 Start: 1855, Stop: 3489, Start Num: 84
Candidate Starts for Luna22_5:
(Start: 84 @1855 has 21 MA's), (Start: 128 @1894 has 3 MA's), (199, 1942), (332, 2113), (373, 2152), (487, 2332), (494, 2341), (499, 2350), (550, 2413), (555, 2419), (594, 2503), (595, 2506), (596, 2509), (642, 2605), (643, 2608), (647, 2617), (690, 2683), (720, 2713), (738, 2740), (758, 2773), (772, 2794), (774, 2797), (837, 2893), (855, 2914), (914, 3004), (950, 3046), (965, 3064), (968, 3070), (1005, 3133), (1009, 3139), (1017, 3142), (1044, 3187), (1047, 3193), (1069, 3220), (1087, 3235), (1130, 3286), (1135, 3295), (1145, 3310), (1148, 3313), (1176, 3352), (1188, 3367), (1200, 3382), (1202, 3385), (1263, 3463), (1267, 3469),

Gene: LunaBlu_2 Start: 571, Stop: 2208, Start Num: 126
Candidate Starts for LunaBlu_2:
(Start: 126 @571 has 206 MA's), (133, 580), (Start: 147 @595 has 3 MA's), (Start: 184 @628 has 3 MA's), (Start: 217 @652 has 209 MA's), (Start: 219 @655 has 2 MA's), (271, 718), (310, 757), (372, 844), (419, 904), (442, 928), (445, 937), (447, 940), (454, 961), (467, 982), (482, 997), (519, 1054), (543, 1093), (580, 1162), (584, 1168), (597, 1198), (598, 1201), (603, 1210), (612, 1225), (621, 1243), (638, 1294), (689, 1387), (695, 1396), (845, 1567), (859, 1579), (915, 1663), (934, 1693), (937, 1696), (940, 1699), (988, 1756), (993, 1771), (995, 1777), (996, 1780), (1007, 1795), (1020, 1804), (1062, 1873), (1082, 1903), (1084, 1912), (1112, 1945), (1130, 1963), (1140, 1978), (1176, 2005), (1202, 2038), (1219, 2065), (1222, 2068), (1235, 2089), (1246, 2113), (1251, 2122), (1253, 2125), (1284, 2182),

Gene: LunaStella_2 Start: 458, Stop: 2236, Start Num: 113
Candidate Starts for LunaStella_2:
(Start: 113 @458 has 24 MA's), (170, 509), (Start: 186 @530 has 2 MA's), (218, 560), (Start: 224 @566 has 17 MA's), (233, 581), (271, 632), (320, 695), (Start: 324 @707 has 4 MA's), (350, 743), (383, 791), (392, 806), (406, 818), (409, 824), (442, 881), (443, 884), (445, 890), (452, 905), (460, 923), (462, 926), (476, 944), (572, 1085), (580, 1103), (593, 1130), (603, 1154), (619, 1187), (647, 1265), (699, 1355), (704, 1364), (711, 1379), (763, 1421), (766, 1424), (791, 1466), (798, 1475), (814, 1499), (868, 1541), (870, 1544), (892, 1568), (913, 1607), (915, 1610), (923, 1625), (936, 1643), (939, 1646), (996, 1727), (1007, 1742), (1009, 1745), (1013, 1757), (1029, 1796), (1061, 1847), (1064, 1853), (1086, 1889), (1096, 1901), (1111, 1925), (1128, 1952), (1133, 1961), (1134, 1964), (1184, 2036), (1217, 2084), (1224, 2090), (1242, 2123), (1243, 2129), (1246, 2135), (1249, 2141), (1251, 2144), (1256, 2156), (1267, 2174), (1281, 2195), (1293, 2213), (1302, 2225),

Gene: Lunar_4 Start: 848, Stop: 2494, Start Num: 164
Candidate Starts for Lunar_4:
(Start: 164 @848 has 12 MA's), (Start: 300 @1013 has 12 MA's), (325, 1052), (374, 1103), (381, 1115), (400, 1151), (409, 1169), (554, 1352), (607, 1466), (619, 1478), (636, 1526), (643, 1547), (651, 1562),

(682, 1619), (905, 1934), (949, 2000), (962, 2012), (980, 2045), (1014, 2084), (1017, 2093), (1020, 2096), (1063, 2162), (1093, 2192), (1126, 2237), (1157, 2279), (1182, 2306), (1184, 2309), (1246, 2402), (1249, 2408), (1259, 2429), (1265, 2441), (1304, 2480), (1306, 2483),

Gene: LunarLander_11 Start: 6725, Stop: 8413, Start Num: 102
Candidate Starts for LunarLander_11:
(Start: 102 @6725 has 391 MA's), (363, 6989), (379, 7013), (476, 7175), (500, 7208), (558, 7283), (593, 7373), (603, 7397), (637, 7472), (720, 7628), (727, 7637), (758, 7685), (760, 7688), (930, 7913), (939, 7922), (952, 7934), (988, 7976), (995, 7997), (1020, 8024), (1096, 8132), (1182, 8222), (1246, 8327),

Gene: Lunatic_3 Start: 1062, Stop: 2522, Start Num: 193
Candidate Starts for Lunatic_3:
(Start: 193 @1062 has 146 MA's), (Start: 198 @1068 has 6 MA's), (325, 1230), (330, 1239), (377, 1299), (415, 1368), (431, 1389), (455, 1440), (606, 1644), (669, 1779), (744, 1857), (753, 1872), (765, 1890), (777, 1908), (804, 1950), (832, 1983), (840, 2001), (923, 2121), (925, 2124), (936, 2136), (943, 2148), (953, 2160), (990, 2211), (1028, 2268), (1031, 2274), (1038, 2283), (1044, 2292), (1045, 2295), (1186, 2457), (1199, 2466), (1205, 2475), (1232, 2514),

Gene: Lunsford_12 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Lunsford_12:
(26, 6707), (32, 6725), (36, 6755), (Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Luthien_17 Start: 10502, Stop: 12247, Start Num: 217
Candidate Starts for Luthien_17:
(Start: 217 @10502 has 209 MA's), (222, 10508), (280, 10595), (287, 10601), (315, 10637), (343, 10691), (345, 10697), (402, 10793), (446, 10868), (504, 10976), (525, 10997), (561, 11066), (604, 11168), (628, 11225), (647, 11282), (653, 11294), (680, 11354), (728, 11453), (731, 11459), (765, 11516), (804, 11582), (940, 11768), (949, 11777), (982, 11819), (991, 11843), (1000, 11864), (1003, 11867), (1179, 12092), (1182, 12095), (1196, 12107), (1244, 12197), (1246, 12200),

Gene: Luxx_3 Start: 1098, Stop: 2558, Start Num: 193
Candidate Starts for Luxx_3:
(Start: 193 @1098 has 146 MA's), (Start: 198 @1104 has 6 MA's), (325, 1266), (330, 1275), (377, 1335), (415, 1404), (431, 1425), (455, 1476), (606, 1680), (744, 1893), (753, 1908), (777, 1944), (804, 1986), (832, 2019), (840, 2037), (923, 2157), (925, 2160), (936, 2172), (990, 2247), (1031, 2310), (1044, 2328), (1045, 2331), (1186, 2493), (1199, 2502), (1205, 2511), (1232, 2550),

Gene: Lynlen_3 Start: 677, Stop: 2305, Start Num: 211
Candidate Starts for Lynlen_3:
(Start: 211 @677 has 88 MA's), (330, 833), (409, 941), (459, 1025), (479, 1049), (489, 1067), (554, 1124), (585, 1175), (586, 1178), (607, 1238), (622, 1256), (632, 1286), (642, 1316), (949, 1772), (963, 1787), (1222, 2138), (1249, 2186), (1318, 2294),

Gene: Lynnae_4 Start: 1069, Stop: 2637, Start Num: 149
Candidate Starts for Lynnae_4:
(Start: 149 @1069 has 70 MA's), (Start: 155 @1075 has 82 MA's), (271, 1231), (484, 1528), (488, 1534), (533, 1594), (582, 1666), (585, 1672), (591, 1693), (636, 1792), (659, 1840), (684, 1894), (700, 1918), (728, 1963), (733, 1969), (753, 1999), (757, 2005), (777, 2032), (782, 2041), (848, 2098), (855,

2104), (873, 2125), (876, 2131), (925, 2206), (927, 2209), (963, 2245), (990, 2290), (1031, 2356), (1093, 2431), (1114, 2449), (1118, 2458), (1241, 2605), (1252, 2629), (1254, 2632),

Gene: Lysidious_2 Start: 360, Stop: 1928, Start Num: 163
Candidate Starts for Lysidious_2:
(59, 255), (Start: 163 @360 has 37 MA's), (269, 477), (313, 519), (Start: 324 @537 has 4 MA's), (334, 552), (362, 573), (377, 594), (396, 633), (431, 693), (451, 729), (454, 741), (491, 786), (498, 795), (522, 822), (584, 900), (630, 1005), (637, 1020), (642, 1035), (702, 1113), (736, 1164), (837, 1320), (869, 1359), (898, 1398), (914, 1431), (923, 1443), (963, 1488), (965, 1491), (968, 1497), (984, 1518), (989, 1527), (990, 1530), (1005, 1560), (1026, 1584), (1033, 1599), (1111, 1689), (1118, 1701), (1148, 1743), (1156, 1758), (1176, 1779), (1188, 1794), (1262, 1902), (1269, 1911), (1273, 1917),

Gene: MA5_11 Start: 6096, Stop: 7793, Start Num: 102
Candidate Starts for MA5_11:
(Start: 102 @6096 has 391 MA's), (174, 6168), (226, 6222), (363, 6366), (465, 6540), (476, 6552), (503, 6591), (518, 6603), (558, 6660), (569, 6684), (593, 6750), (596, 6759), (634, 6840), (643, 6867), (720, 7005), (763, 7071), (778, 7092), (798, 7125), (864, 7191), (915, 7266), (928, 7290), (930, 7293), (936, 7299), (988, 7356), (992, 7368), (1007, 7395), (1026, 7416), (1096, 7512), (1130, 7557), (1134, 7566), (1253, 7719), (1269, 7749), (1292, 7779), (1294, 7782),

Gene: MAckerman_4 Start: 1052, Stop: 2635, Start Num: 149
Candidate Starts for MAckerman_4:
(Start: 149 @1052 has 70 MA's), (Start: 155 @1058 has 82 MA's), (284, 1229), (352, 1316), (374, 1334), (379, 1340), (396, 1376), (486, 1514), (488, 1517), (550, 1592), (584, 1649), (585, 1652), (659, 1820), (684, 1874), (688, 1883), (700, 1898), (713, 1919), (737, 1958), (753, 1979), (757, 1985), (777, 2012), (808, 2054), (848, 2078), (866, 2096), (873, 2105), (876, 2111), (902, 2144), (918, 2177), (953, 2216), (962, 2222), (963, 2225), (990, 2270), (1031, 2336), (1069, 2387), (1093, 2411), (1111, 2426), (1114, 2429), (1207, 2531), (1224, 2558), (1252, 2609), (1254, 2612),

Gene: MAnor_4 Start: 897, Stop: 2573, Start Num: 176
Candidate Starts for MAnor_4:
(Start: 176 @897 has 83 MA's), (Start: 224 @948 has 17 MA's), (237, 969), (295, 1014), (394, 1158), (434, 1221), (450, 1254), (468, 1290), (476, 1299), (480, 1302), (500, 1335), (507, 1350), (572, 1449), (582, 1470), (597, 1506), (607, 1527), (628, 1563), (654, 1629), (687, 1683), (791, 1863), (814, 1896), (890, 1962), (917, 2028), (920, 2034), (1038, 2199), (1061, 2232), (1116, 2301), (1196, 2379), (1198, 2382), (1249, 2472), (1253, 2478), (1265, 2499), (1311, 2559), (1313, 2562),

Gene: MK4_11 Start: 6367, Stop: 8064, Start Num: 102
Candidate Starts for MK4_11:
(Start: 102 @6367 has 391 MA's), (174, 6439), (363, 6637), (406, 6700), (465, 6811), (476, 6823), (503, 6862), (518, 6874), (558, 6931), (569, 6955), (584, 6985), (593, 7021), (596, 7030), (634, 7111), (643, 7138), (720, 7276), (763, 7342), (778, 7363), (798, 7396), (864, 7462), (915, 7537), (928, 7561), (930, 7564), (936, 7570), (943, 7579), (988, 7627), (1007, 7666), (1015, 7669), (1026, 7687), (1096, 7783), (1134, 7837), (1253, 7990), (1269, 8020), (1292, 8050), (1294, 8053),

Gene: MPlant7149_10 Start: 6575, Stop: 8263, Start Num: 102
Candidate Starts for MPlant7149_10:
(Start: 102 @6575 has 391 MA's), (363, 6839), (379, 6863), (476, 7025), (500, 7058), (558, 7133), (593, 7223), (603, 7247), (621, 7274), (637, 7322), (720, 7478), (760, 7538), (930, 7763), (939, 7772), (952, 7784), (988, 7826), (995, 7847), (1020, 7874), (1096, 7982), (1182, 8072), (1246, 8177),

Gene: MScarn_6 Start: 1111, Stop: 2790, Start Num: 176
Candidate Starts for MScarn_6:

(Start: 176 @1111 has 83 MA's), (Start: 224 @1162 has 17 MA's), (237, 1183), (Start: 290 @1222 has 2 MA's), (350, 1309), (382, 1354), (394, 1375), (406, 1384), (443, 1456), (468, 1507), (476, 1516), (507, 1567), (572, 1666), (582, 1687), (596, 1720), (619, 1756), (687, 1900), (706, 1936), (729, 1975), (747, 2008), (778, 2056), (814, 2113), (863, 2146), (890, 2179), (917, 2245), (920, 2251), (971, 2317), (984, 2329), (988, 2335), (1038, 2416), (1112, 2512), (1170, 2560), (1222, 2635), (1265, 2716), (1311, 2776), (1313, 2779),

Gene: MUWow_2 Start: 597, Stop: 2330, Start Num: 160
Candidate Starts for MUWow_2:
(Start: 160 @597 has 5 MA's), (Start: 241 @690 has 2 MA's), (Start: 244 @693 has 5 MA's), (295, 783), (337, 846), (426, 1014), (476, 1101), (538, 1188), (590, 1278), (603, 1311), (607, 1320), (623, 1341), (635, 1377), (737, 1512), (747, 1518), (771, 1557), (814, 1626), (892, 1692), (899, 1704), (917, 1740), (977, 1824), (1007, 1881), (1046, 1944), (1094, 2028), (1105, 2052), (1134, 2094), (1196, 2151), (1198, 2154), (1205, 2166), (1246, 2235), (1267, 2277), (1283, 2304), (1292, 2316),

Gene: MaCh_12 Start: 8021, Stop: 9784, Start Num: 103
Candidate Starts for MaCh_12:
(Start: 103 @8021 has 278 MA's), (Start: 123 @8042 has 9 MA's), (Start: 206 @8129 has 29 MA's), (288, 8258), (309, 8282), (350, 8345), (445, 8489), (473, 8540), (476, 8543), (558, 8654), (569, 8678), (571, 8681), (593, 8744), (596, 8753), (603, 8768), (663, 8885), (673, 8900), (701, 8960), (751, 9044), (920, 9272), (928, 9284), (980, 9332), (988, 9347), (1007, 9386), (1026, 9407), (1049, 9446), (1086, 9491), (1096, 9503), (1269, 9740), (1290, 9767),

Gene: MaGuCo_2 Start: 532, Stop: 2271, Start Num: 101
Candidate Starts for MaGuCo_2:
(Start: 101 @532 has 50 MA's), (159, 592), (170, 601), (Start: 224 @655 has 17 MA's), (339, 778), (429, 916), (434, 928), (450, 952), (476, 997), (512, 1045), (572, 1138), (619, 1237), (621, 1240), (640, 1297), (698, 1399), (699, 1402), (763, 1468), (800, 1525), (930, 1714), (1064, 1906), (1096, 1942), (1106, 1957), (1217, 2122), (1256, 2194), (1265, 2209), (1267, 2212), (1298, 2257),

Gene: MaVan_6 Start: 1989, Stop: 3689, Start Num: 176
Candidate Starts for MaVan_6:
(Start: 176 @1989 has 83 MA's), (203, 2019), (237, 2061), (350, 2199), (383, 2247), (407, 2277), (426, 2310), (443, 2346), (450, 2361), (454, 2376), (476, 2406), (507, 2457), (572, 2556), (582, 2577), (619, 2646), (634, 2688), (645, 2718), (729, 2865), (758, 2916), (798, 2979), (814, 3003), (888, 3069), (908, 3102), (911, 3126), (913, 3129), (917, 3138), (930, 3159), (956, 3186), (988, 3231), (992, 3243), (994, 3249), (1007, 3270), (1035, 3309), (1112, 3408), (1140, 3444), (1222, 3531), (1265, 3612), (1269, 3618), (1311, 3675), (1313, 3678),

Gene: Mabel_12 Start: 8088, Stop: 9851, Start Num: 103
Candidate Starts for Mabel_12:
(Start: 103 @8088 has 278 MA's), (Start: 123 @8109 has 9 MA's), (Start: 206 @8196 has 29 MA's), (288, 8325), (309, 8349), (350, 8412), (445, 8556), (473, 8607), (476, 8610), (558, 8721), (569, 8745), (571, 8748), (593, 8811), (596, 8820), (603, 8835), (663, 8952), (673, 8967), (701, 9027), (751, 9111), (920, 9339), (928, 9351), (980, 9399), (988, 9414), (1007, 9453), (1026, 9474), (1049, 9513), (1086, 9558), (1096, 9570), (1269, 9807), (1290, 9834),

Gene: Mabodamaca_2 Start: 633, Stop: 2351, Start Num: 100
Candidate Starts for Mabodamaca_2:
(Start: 100 @633 has 15 MA's), (434, 1005), (462, 1056), (476, 1074), (572, 1224), (596, 1278), (607, 1302), (634, 1356), (887, 1719), (915, 1770), (980, 1854), (1096, 2025), (1106, 2040), (1174, 2139), (1217, 2205), (1256, 2277),

Gene: MacGully_32 Start: 14107, Stop: 15783, Start Num: 126
Candidate Starts for MacGully_32:
(Start: 126 @14107 has 206 MA's), (Start: 184 @14164 has 3 MA's), (270, 14251), (307, 14290), (310, 14293), (317, 14302), (384, 14419), (433, 14476), (445, 14497), (454, 14521), (474, 14548), (499, 14581), (538, 14647), (567, 14695), (597, 14758), (612, 14785), (695, 14953), (699, 14965), (798, 15076), (833, 15127), (867, 15154), (870, 15157), (988, 15355), (989, 15358), (1020, 15403), (1061, 15469), (1084, 15502), (1202, 15619), (1214, 15640), (1246, 15688), (1261, 15718), (1297, 15775),

Gene: Maco6_3 Start: 1054, Stop: 2718, Start Num: 176
Candidate Starts for Maco6_3:
(Start: 176 @1054 has 83 MA's), (Start: 212 @1093 has 5 MA's), (Start: 231 @1117 has 26 MA's), (350, 1246), (443, 1393), (450, 1408), (476, 1453), (507, 1501), (537, 1537), (571, 1594), (582, 1618), (597, 1654), (699, 1852), (706, 1867), (729, 1906), (821, 2053), (908, 2143), (915, 2173), (992, 2278), (1064, 2386), (1091, 2416), (1112, 2443), (1119, 2455), (1170, 2491), (1171, 2494), (1234, 2587), (1261, 2644),

Gene: MadMarie_13 Start: 6959, Stop: 8659, Start Num: 104
Candidate Starts for MadMarie_13:
(Start: 104 @6959 has 125 MA's), (151, 7007), (292, 7142), (426, 7334), (476, 7421), (593, 7619), (634, 7709), (671, 7772), (760, 7934), (915, 8132), (928, 8156), (930, 8159), (988, 8222), (995, 8243), (1026, 8282), (1096, 8378), (1134, 8432), (1182, 8468), (1269, 8615), (1292, 8645), (1294, 8648),

Gene: MadMen_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for MadMen_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: MadamMonkfish_8 Start: 2141, Stop: 3811, Start Num: 301
Candidate Starts for MadamMonkfish_8:
(Start: 301 @2141 has 48 MA's), (344, 2204), (479, 2438), (548, 2540), (632, 2720), (641, 2744), (650, 2762), (663, 2774), (694, 2837), (698, 2849), (725, 2894), (734, 2909), (784, 2987), (811, 3032), (845, 3086), (851, 3092), (917, 3206), (994, 3350), (1019, 3386), (1118, 3539), (1129, 3551), (1175, 3608), (1205, 3644), (1235, 3695), (1251, 3731), (1253, 3734), (1294, 3800),

Gene: Madamato_8 Start: 3120, Stop: 4865, Start Num: 217
Candidate Starts for Madamato_8:
(Start: 217 @3120 has 209 MA's), (222, 3126), (252, 3174), (Start: 255 @3177 has 1 MA's), (287, 3219), (430, 3453), (485, 3552), (504, 3594), (525, 3615), (556, 3669), (596, 3768), (604, 3786), (657, 3918), (713, 4047), (728, 4071), (804, 4200), (859, 4269), (903, 4338), (967, 4413), (1000, 4482), (1003, 4485), (1038, 4536), (1101, 4623), (1125, 4656), (1146, 4689), (1179, 4710), (1182, 4713), (1196, 4725), (1207, 4743), (1242, 4806), (1246, 4818),

Gene: Madavieve_2 Start: 498, Stop: 2222, Start Num: 206
Candidate Starts for Madavieve_2:
(Start: 193 @483 has 146 MA's), (Start: 206 @498 has 29 MA's), (280, 588), (356, 702), (437, 828), (439, 834), (450, 858), (483, 915), (536, 987), (633, 1185), (655, 1227), (664, 1233), (702, 1317), (723,

1344), (784, 1440), (793, 1455), (809, 1482), (926, 1659), (1092, 1932), (1094, 1935), (1098, 1941), (1115, 1962), (1141, 2001), (1177, 2049), (1185, 2058), (1205, 2082), (1226, 2100), (1253, 2157), (1295, 2214),

Gene: Madebyisha_3 Start: 1155, Stop: 2615, Start Num: 193
Candidate Starts for Madebyisha_3:
(Start: 193 @1155 has 146 MA's), (Start: 198 @1161 has 6 MA's), (325, 1323), (330, 1332), (377, 1392), (415, 1461), (431, 1482), (455, 1533), (606, 1737), (669, 1872), (744, 1950), (753, 1965), (777, 2001), (804, 2043), (832, 2076), (840, 2094), (923, 2214), (925, 2217), (936, 2229), (990, 2304), (1031, 2367), (1044, 2385), (1045, 2388), (1186, 2550), (1199, 2559), (1205, 2568),

Gene: Madeline_2 Start: 498, Stop: 2222, Start Num: 206
Candidate Starts for Madeline_2:
(Start: 193 @483 has 146 MA's), (Start: 206 @498 has 29 MA's), (280, 588), (356, 702), (426, 804), (437, 828), (439, 834), (450, 858), (483, 915), (536, 987), (633, 1185), (655, 1227), (664, 1233), (702, 1317), (704, 1320), (723, 1344), (793, 1455), (809, 1482), (907, 1617), (917, 1641), (926, 1659), (948, 1692), (1092, 1932), (1094, 1935), (1098, 1941), (1115, 1962), (1141, 2001), (1177, 2049), (1185, 2058), (1205, 2082), (1226, 2100), (1253, 2157), (1295, 2214),

Gene: Madraxi_10 Start: 7076, Stop: 8635, Start Num: 221
Candidate Starts for Madraxi_10:
(Start: 221 @7076 has 5 MA's), (Start: 225 @7082 has 1 MA's), (380, 7316), (508, 7529), (510, 7532), (588, 7643), (595, 7661), (601, 7676), (621, 7703), (767, 7955), (783, 7976), (816, 8027), (952, 8219), (1078, 8402), (1118, 8465), (1130, 8480), (1143, 8498), (1147, 8504), (1215, 8582),

Gene: Madvan_17 Start: 10302, Stop: 12047, Start Num: 217
Candidate Starts for Madvan_17:
(Start: 217 @10302 has 209 MA's), (222, 10308), (280, 10395), (287, 10401), (315, 10437), (343, 10491), (353, 10521), (446, 10668), (504, 10776), (523, 10794), (525, 10797), (561, 10866), (596, 10950), (604, 10968), (628, 11025), (680, 11154), (728, 11253), (731, 11259), (791, 11358), (804, 11382), (940, 11568), (949, 11577), (991, 11643), (1000, 11664), (1003, 11667), (1179, 11892), (1182, 11895), (1196, 11907), (1244, 11997), (1246, 12000),

Gene: Magel_13 Start: 7213, Stop: 8958, Start Num: 217
Candidate Starts for Magel_13:
(Start: 217 @7213 has 209 MA's), (222, 7219), (280, 7306), (287, 7312), (315, 7348), (343, 7402), (504, 7687), (523, 7705), (525, 7708), (561, 7777), (604, 7879), (621, 7915), (628, 7936), (636, 7960), (660, 8017), (680, 8065), (709, 8131), (728, 8164), (731, 8170), (748, 8200), (761, 8221), (804, 8293), (949, 8488), (991, 8554), (1000, 8575), (1003, 8578), (1043, 8638), (1125, 8749), (1161, 8785), (1182, 8806), (1196, 8818), (1226, 8866), (1244, 8908), (1246, 8911),

Gene: MagicMan_2 Start: 520, Stop: 2169, Start Num: 126
Candidate Starts for MagicMan_2:
(Start: 126 @520 has 206 MA's), (311, 718), (313, 721), (454, 931), (459, 940), (476, 961), (505, 1006), (607, 1189), (679, 1324), (736, 1390), (760, 1432), (835, 1546), (846, 1564), (854, 1567), (952, 1711), (962, 1720), (1031, 1831), (1044, 1849), (1111, 1921), (1135, 1957), (1178, 2011), (1220, 2071), (1249, 2122),

Gene: Magnar_11 Start: 6723, Stop: 8411, Start Num: 102
Candidate Starts for Magnar_11:
(Start: 102 @6723 has 391 MA's), (Start: 302 @6903 has 3 MA's), (363, 6987), (383, 7023), (406, 7050), (476, 7173), (500, 7206), (558, 7281), (593, 7371), (603, 7395), (621, 7422), (637, 7470), (720, 7626), (760, 7686), (939, 7920), (988, 7974), (995, 7995), (1020, 8022), (1096, 8130), (1182, 8220),

(1246, 8325),

Gene: Magnito_10 Start: 6474, Stop: 8162, Start Num: 102
Candidate Starts for Magnito_10:
(Start: 102 @6474 has 391 MA's), (363, 6738), (379, 6762), (476, 6924), (500, 6957), (558, 7032), (593, 7122), (603, 7146), (621, 7173), (637, 7221), (720, 7377), (760, 7437), (930, 7662), (939, 7671), (952, 7683), (988, 7725), (995, 7746), (1020, 7773), (1096, 7881), (1182, 7971), (1246, 8076),

Gene: Magsby_2 Start: 504, Stop: 2036, Start Num: 234
Candidate Starts for Magsby_2:
(Start: 231 @501 has 26 MA's), (Start: 234 @504 has 29 MA's), (243, 516), (Start: 245 @519 has 1 MA's), (282, 576), (Start: 297 @594 has 2 MA's), (309, 606), (368, 678), (380, 696), (390, 714), (400, 735), (443, 798), (459, 837), (487, 870), (508, 918), (573, 1002), (584, 1017), (601, 1068), (605, 1077), (623, 1101), (636, 1140), (637, 1143), (641, 1155), (713, 1281), (728, 1305), (769, 1368), (830, 1452), (886, 1524), (902, 1548), (925, 1590), (930, 1599), (977, 1656), (995, 1695), (1033, 1752), (1041, 1758), (1047, 1761), (1079, 1782), (1109, 1830), (1134, 1866), (1207, 1947), (1210, 1953),

Gene: Mahavrat_2 Start: 571, Stop: 2208, Start Num: 126
Candidate Starts for Mahavrat_2:
(Start: 126 @571 has 206 MA's), (133, 580), (Start: 147 @595 has 3 MA's), (Start: 184 @628 has 3 MA's), (Start: 217 @652 has 209 MA's), (Start: 219 @655 has 2 MA's), (271, 718), (310, 757), (372, 844), (419, 904), (442, 928), (445, 937), (447, 940), (454, 961), (467, 982), (519, 1054), (543, 1093), (580, 1162), (584, 1168), (597, 1198), (598, 1201), (603, 1210), (612, 1225), (621, 1243), (638, 1294), (689, 1387), (695, 1396), (845, 1567), (859, 1579), (915, 1663), (934, 1693), (937, 1696), (940, 1699), (988, 1756), (995, 1777), (996, 1780), (1007, 1795), (1020, 1804), (1062, 1873), (1082, 1903), (1084, 1912), (1112, 1945), (1130, 1963), (1140, 1978), (1176, 2005), (1197, 2029), (1202, 2038), (1219, 2065), (1222, 2068), (1235, 2089), (1246, 2113), (1251, 2122), (1253, 2125), (1284, 2182),

Gene: Mahdia_2 Start: 553, Stop: 2121, Start Num: 195
Candidate Starts for Mahdia_2:
(Start: 195 @553 has 7 MA's), (Start: 219 @580 has 2 MA's), (237, 607), (282, 661), (312, 697), (381, 784), (476, 946), (483, 958), (494, 973), (510, 994), (554, 1024), (584, 1072), (605, 1135), (635, 1195), (637, 1201), (656, 1243), (759, 1327), (779, 1360), (856, 1459), (873, 1480), (902, 1522), (906, 1528), (923, 1567), (953, 1612), (962, 1618), (963, 1621), (973, 1639), (1032, 1750), (1093, 1819), (1096, 1822), (1133, 1876), (1134, 1879), (1184, 1933), (1203, 1957), (1308, 2113),

Gene: Mainiac_13 Start: 6950, Stop: 8650, Start Num: 104
Candidate Starts for Mainiac_13:
(Start: 104 @6950 has 125 MA's), (151, 6998), (292, 7133), (426, 7325), (476, 7412), (593, 7610), (634, 7700), (671, 7763), (760, 7925), (915, 8123), (928, 8147), (930, 8150), (988, 8213), (995, 8234), (1026, 8273), (1096, 8369), (1134, 8423), (1182, 8459), (1269, 8606), (1292, 8636), (1294, 8639),

Gene: Maja_2 Start: 590, Stop: 2185, Start Num: 194
Candidate Starts for Maja_2:
(Start: 194 @590 has 13 MA's), (Start: 197 @593 has 23 MA's), (338, 773), (374, 806), (377, 809), (396, 848), (409, 872), (414, 878), (467, 968), (584, 1103), (607, 1169), (643, 1250), (647, 1259), (734, 1361), (740, 1373), (797, 1457), (832, 1496), (905, 1601), (953, 1673), (977, 1709), (989, 1730), (995, 1748), (1011, 1772), (1015, 1781), (1030, 1808), (1051, 1838), (1101, 1895), (1118, 1919), (1203, 2021), (1246, 2090), (1249, 2096), (1269, 2135), (1306, 2174), (1310, 2180),

Gene: Majeke_2 Start: 413, Stop: 2089, Start Num: 134
Candidate Starts for Majeke_2:

(Start: 134 @413 has 105 MA's), (313, 629), (338, 668), (360, 725), (362, 731), (373, 749), (397, 794), (400, 797), (404, 806), (409, 815), (414, 821), (417, 824), (451, 878), (459, 899), (467, 911), (541, 1001), (636, 1190), (702, 1286), (736, 1337), (828, 1478), (837, 1490), (935, 1622), (984, 1688), (989, 1697), (1000, 1724), (1031, 1766), (1044, 1784), (1118, 1868), (1130, 1883), (1269, 2072),

Gene: Majesty_3 Start: 1086, Stop: 2546, Start Num: 193
Candidate Starts for Majesty_3:
(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (744, 1881), (753, 1896), (777, 1932), (804, 1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: MajinBuu_17 Start: 10506, Stop: 12251, Start Num: 217
Candidate Starts for MajinBuu_17:
(Start: 217 @10506 has 209 MA's), (222, 10512), (280, 10599), (287, 10605), (315, 10641), (343, 10695), (376, 10758), (446, 10872), (466, 10914), (504, 10980), (525, 11001), (561, 11070), (604, 11172), (628, 11229), (647, 11286), (653, 11298), (680, 11358), (728, 11457), (731, 11463), (765, 11520), (804, 11586), (940, 11772), (949, 11781), (991, 11847), (1000, 11868), (1003, 11871), (1131, 12051), (1179, 12096), (1182, 12099), (1196, 12111), (1244, 12201), (1246, 12204),

Gene: MajorMajor_11 Start: 6379, Stop: 8160, Start Num: 103
Candidate Starts for MajorMajor_11:
(Start: 103 @6379 has 278 MA's), (Start: 239 @6523 has 2 MA's), (262, 6568), (288, 6610), (309, 6634), (350, 6697), (388, 6751), (473, 6892), (476, 6895), (503, 6934), (558, 7003), (593, 7093), (603, 7117), (671, 7246), (673, 7249), (835, 7522), (1007, 7762), (1026, 7783), (1086, 7867), (1096, 7879), (1269, 8116), (1290, 8143), (1292, 8146), (1294, 8149),

Gene: MakCheese_2 Start: 434, Stop: 1993, Start Num: 180
Candidate Starts for MakCheese_2:
(Start: 42 @278 has 1 MA's), (54, 311), (86, 365), (Start: 180 @434 has 11 MA's), (Start: 255 @500 has 1 MA's), (303, 560), (313, 569), (338, 608), (454, 779), (455, 782), (476, 809), (491, 824), (548, 878), (585, 941), (599, 986), (642, 1073), (643, 1076), (668, 1118), (679, 1136), (691, 1166), (701, 1184), (702, 1187), (712, 1202), (826, 1376), (854, 1415), (866, 1433), (873, 1442), (876, 1448), (914, 1505), (923, 1517), (952, 1550), (988, 1598), (989, 1601), (1000, 1628), (1031, 1670), (1044, 1688), (1061, 1709), (1110, 1760), (1123, 1778), (1126, 1781), (1148, 1814), (1168, 1847), (1196, 1877), (1219, 1916),

Gene: Makai_7 Start: 3660, Stop: 5399, Start Num: 217
Candidate Starts for Makai_7:
(Start: 211 @3654 has 88 MA's), (Start: 217 @3660 has 209 MA's), (287, 3759), (353, 3879), (426, 3978), (458, 4050), (504, 4128), (525, 4149), (580, 4251), (604, 4320), (616, 4344), (619, 4353), (680, 4506), (713, 4581), (728, 4605), (791, 4710), (804, 4734), (868, 4815), (949, 4929), (967, 4947), (970, 4953), (990, 4992), (991, 4995), (1000, 5016), (1003, 5019), (1131, 5199), (1146, 5223), (1182, 5247), (1196, 5259), (1207, 5277), (1244, 5349), (1246, 5352),

Gene: Makima_5 Start: 2725, Stop: 4254, Start Num: 215
Candidate Starts for Makima_5:
(Start: 215 @2725 has 6 MA's), (249, 2770), (284, 2809), (381, 2929), (409, 2983), (467, 3079), (483, 3100), (599, 3310), (605, 3322), (613, 3337), (631, 3379), (646, 3421), (710, 3535), (767, 3622), (828, 3709), (893, 3781), (990, 3919), (1028, 3979), (1224, 4198),

Gene: Makoto_2 Start: 426, Stop: 1991, Start Num: 155
Candidate Starts for Makoto_2:

(Start: 155 @426 has 82 MA's), (253, 549), (Start: 324 @636 has 4 MA's), (325, 639), (374, 690), (396, 732), (409, 756), (430, 780), (540, 942), (607, 1077), (623, 1098), (636, 1137), (740, 1236), (759, 1266), (768, 1281), (786, 1314), (815, 1362), (825, 1371), (883, 1449), (905, 1485), (923, 1524), (953, 1557), (963, 1566), (977, 1593), (1020, 1647), (1044, 1689), (1096, 1713), (1126, 1755), (1222, 1857),

Gene: Malachai_2 Start: 360, Stop: 1928, Start Num: 163
Candidate Starts for Malachai_2:
(59, 255), (Start: 163 @360 has 37 MA's), (251, 444), (269, 477), (313, 519), (Start: 324 @537 has 4 MA's), (334, 552), (362, 573), (377, 594), (396, 633), (431, 693), (451, 729), (454, 741), (489, 783), (498, 795), (516, 816), (522, 822), (584, 900), (630, 1005), (637, 1020), (642, 1035), (702, 1113), (736, 1164), (837, 1320), (855, 1341), (869, 1359), (873, 1365), (914, 1431), (923, 1443), (963, 1488), (965, 1491), (968, 1497), (984, 1518), (989, 1527), (990, 1530), (1033, 1599), (1118, 1701), (1148, 1743), (1156, 1758), (1188, 1794), (1251, 1890), (1262, 1902), (1269, 1911),

Gene: MalagasyRose_7 Start: 2064, Stop: 3839, Start Num: 89
Candidate Starts for MalagasyRose_7:
(Start: 89 @2064 has 1 MA's), (Start: 119 @2106 has 3 MA's), (309, 2277), (406, 2415), (421, 2442), (434, 2475), (443, 2484), (450, 2499), (462, 2526), (465, 2532), (468, 2535), (512, 2595), (569, 2685), (571, 2688), (603, 2757), (619, 2778), (814, 3105), (830, 3126), (872, 3171), (890, 3189), (915, 3234), (920, 3246), (930, 3261), (960, 3306), (992, 3378), (1007, 3405), (1026, 3426), (1071, 3504), (1096, 3543), (1128, 3585), (1182, 3633), (1196, 3648), (1224, 3693), (1246, 3738), (1249, 3744), (1262, 3771),

Gene: Malec_13 Start: 7735, Stop: 9498, Start Num: 103
Candidate Starts for Malec_13:
(Start: 103 @7735 has 278 MA's), (Start: 206 @7843 has 29 MA's), (226, 7864), (288, 7972), (473, 8257), (476, 8260), (503, 8299), (558, 8368), (593, 8458), (603, 8482), (663, 8599), (673, 8614), (855, 8887), (915, 8974), (920, 8986), (928, 8998), (980, 9046), (988, 9061), (1007, 9100), (1026, 9121), (1096, 9217), (1269, 9454), (1290, 9481), (1292, 9484), (1294, 9487), (1296, 9490),

Gene: Malibo_2 Start: 434, Stop: 1993, Start Num: 180
Candidate Starts for Malibo_2:
(Start: 42 @278 has 1 MA's), (54, 311), (Start: 63 @335 has 32 MA's), (Start: 180 @434 has 11 MA's), (Start: 255 @500 has 1 MA's), (303, 560), (313, 569), (338, 608), (379, 647), (454, 779), (455, 782), (476, 809), (489, 821), (641, 1070), (642, 1073), (679, 1136), (691, 1166), (701, 1184), (702, 1187), (826, 1376), (866, 1430), (873, 1439), (876, 1445), (914, 1502), (923, 1514), (953, 1550), (963, 1559), (988, 1595), (989, 1598), (1000, 1625), (1044, 1685), (1061, 1706), (1126, 1778), (1148, 1811), (1168, 1844), (1196, 1874), (1219, 1913), (1262, 1967),

Gene: Malinsilva_15 Start: 6949, Stop: 8649, Start Num: 104
Candidate Starts for Malinsilva_15:
(Start: 104 @6949 has 125 MA's), (151, 6997), (292, 7132), (426, 7324), (476, 7411), (593, 7609), (634, 7699), (671, 7762), (760, 7924), (915, 8122), (928, 8146), (930, 8149), (988, 8212), (995, 8233), (1026, 8272), (1096, 8368), (1134, 8422), (1182, 8458), (1269, 8605), (1292, 8635), (1294, 8638),

Gene: Malithi_2 Start: 413, Stop: 2089, Start Num: 134
Candidate Starts for Malithi_2:
(Start: 134 @413 has 105 MA's), (313, 629), (338, 668), (360, 725), (362, 731), (373, 749), (397, 794), (404, 806), (409, 815), (414, 821), (451, 878), (459, 899), (467, 911), (541, 1001), (636, 1190), (702, 1286), (720, 1316), (736, 1337), (837, 1490), (984, 1688), (989, 1697), (1000, 1724), (1031, 1766), (1044, 1784), (1118, 1868), (1130, 1883), (1269, 2072),

Gene: Malvina_6 Start: 1866, Stop: 3566, Start Num: 176

Candidate Starts for Malvina_6:
(Start: 176 @1866 has 83 MA's), (203, 1896), (237, 1938), (350, 2076), (383, 2124), (407, 2154), (426, 2187), (450, 2238), (454, 2253), (476, 2283), (491, 2304), (507, 2334), (572, 2433), (582, 2454), (619, 2523), (634, 2565), (729, 2742), (758, 2793), (798, 2856), (814, 2880), (863, 2913), (888, 2946), (911, 3003), (913, 3006), (917, 3015), (983, 3099), (992, 3120), (994, 3126), (1007, 3147), (1035, 3186), (1112, 3285), (1140, 3321), (1222, 3408), (1251, 3465), (1253, 3468), (1265, 3489), (1311, 3552), (1313, 3555),

Gene: MamaPearl_2 Start: 426, Stop: 1991, Start Num: 155
Candidate Starts for MamaPearl_2:
(Start: 155 @426 has 82 MA's), (Start: 324 @636 has 4 MA's), (379, 696), (396, 732), (409, 756), (430, 780), (489, 882), (540, 942), (584, 1011), (586, 1017), (607, 1077), (636, 1137), (651, 1173), (740, 1236), (759, 1266), (815, 1362), (883, 1449), (923, 1524), (953, 1557), (977, 1593), (1030, 1668), (1044, 1689), (1045, 1692), (1126, 1755), (1141, 1779), (1222, 1857), (1308, 1977),

Gene: Maminiaina_13 Start: 7879, Stop: 9666, Start Num: 103
Candidate Starts for Maminiaina_13:
(Start: 103 @7879 has 278 MA's), (Start: 117 @7894 has 12 MA's), (Start: 123 @7900 has 9 MA's), (Start: 231 @8011 has 26 MA's), (288, 8110), (406, 8272), (445, 8344), (476, 8398), (503, 8437), (558, 8509), (593, 8599), (603, 8623), (663, 8740), (673, 8755), (727, 8863), (776, 8938), (837, 9034), (869, 9070), (920, 9154), (936, 9175), (980, 9214), (1007, 9268), (1026, 9289), (1086, 9373), (1096, 9385), (1184, 9478), (1198, 9493), (1269, 9622), (1290, 9649), (1292, 9652),

Gene: ManAs_3 Start: 1074, Stop: 2534, Start Num: 193
Candidate Starts for ManAs_3:
(Start: 193 @1074 has 146 MA's), (Start: 198 @1080 has 6 MA's), (325, 1242), (330, 1251), (377, 1311), (415, 1380), (431, 1401), (455, 1452), (606, 1656), (744, 1869), (753, 1884), (777, 1920), (804, 1962), (832, 1995), (840, 2013), (923, 2133), (925, 2136), (936, 2148), (990, 2223), (1031, 2286), (1044, 2304), (1045, 2307), (1186, 2469), (1199, 2478), (1205, 2487), (1232, 2526),

Gene: Manasvini_2 Start: 498, Stop: 2222, Start Num: 206
Candidate Starts for Manasvini_2:
(Start: 193 @483 has 146 MA's), (Start: 206 @498 has 29 MA's), (280, 588), (437, 828), (439, 834), (450, 858), (483, 915), (536, 987), (633, 1185), (655, 1227), (664, 1233), (702, 1317), (723, 1344), (793, 1455), (809, 1482), (926, 1659), (1092, 1932), (1094, 1935), (1098, 1941), (1115, 1962), (1141, 2001), (1177, 2049), (1185, 2058), (1205, 2082), (1226, 2100), (1253, 2157), (1295, 2214),

Gene: Manatee_12 Start: 7007, Stop: 8695, Start Num: 102
Candidate Starts for Manatee_12:
(Start: 102 @7007 has 391 MA's), (Start: 302 @7187 has 3 MA's), (363, 7271), (383, 7307), (406, 7334), (476, 7457), (558, 7565), (593, 7655), (603, 7679), (621, 7706), (637, 7754), (720, 7910), (727, 7919), (760, 7970), (930, 8195), (939, 8204), (952, 8216), (988, 8258), (995, 8279), (1020, 8306), (1096, 8414), (1182, 8504), (1246, 8609),

Gene: Mandlovu_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for Mandlovu_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 184 @629 has 3 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (310, 758), (372, 845), (419, 905), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1112, 1946), (1130, 1964), (1140, 1979), (1176, 2006), (1202, 2039), (1214, 2060), (1219, 2066), (1222,

2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: Maneater_3 Start: 1062, Stop: 2522, Start Num: 193
Candidate Starts for Maneater_3:
(Start: 193 @1062 has 146 MA's), (Start: 198 @1068 has 6 MA's), (325, 1230), (330, 1239), (377, 1299), (415, 1368), (431, 1389), (455, 1440), (606, 1644), (744, 1857), (753, 1872), (777, 1908), (804, 1950), (832, 1983), (840, 2001), (923, 2121), (925, 2124), (936, 2136), (990, 2211), (1031, 2274), (1044, 2292), (1045, 2295), (1186, 2457), (1199, 2466), (1205, 2475), (1232, 2514),

Gene: Maneekul_6 Start: 2379, Stop: 4025, Start Num: 75
Candidate Starts for Maneekul_6:
(Start: 75 @2379 has 95 MA's), (Start: 92 @2397 has 10 MA's), (325, 2601), (350, 2637), (462, 2817), (480, 2838), (543, 2925), (582, 2997), (593, 3021), (638, 3120), (643, 3135), (663, 3159), (665, 3165), (786, 3333), (841, 3393), (915, 3483), (927, 3504), (992, 3594), (1064, 3702), (1096, 3741), (1112, 3762), (1116, 3768), (1130, 3786), (1251, 3942), (1300, 4020),

Gene: Mangethe_2 Start: 413, Stop: 2089, Start Num: 134
Candidate Starts for Mangethe_2:
(Start: 134 @413 has 105 MA's), (313, 629), (338, 668), (360, 725), (362, 731), (373, 749), (397, 794), (400, 797), (404, 806), (409, 815), (414, 821), (417, 824), (451, 878), (459, 899), (467, 911), (541, 1001), (636, 1190), (702, 1286), (736, 1337), (828, 1478), (837, 1490), (935, 1622), (984, 1688), (989, 1697), (1000, 1724), (1031, 1766), (1044, 1784), (1118, 1868), (1130, 1883), (1269, 2072),

Gene: Mantra_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Mantra_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Manu_14 Start: 7029, Stop: 8729, Start Num: 104
Candidate Starts for Manu_14:
(Start: 104 @7029 has 125 MA's), (151, 7077), (Start: 224 @7149 has 17 MA's), (292, 7212), (476, 7491), (593, 7689), (634, 7779), (671, 7842), (760, 8004), (915, 8202), (928, 8226), (930, 8229), (988, 8292), (992, 8304), (995, 8313), (1007, 8331), (1026, 8352), (1096, 8448), (1134, 8502), (1182, 8538), (1269, 8685), (1292, 8715), (1294, 8718),

Gene: Mapleville_2 Start: 596, Stop: 2329, Start Num: 160
Candidate Starts for Mapleville_2:
(Start: 160 @596 has 5 MA's), (Start: 241 @689 has 2 MA's), (Start: 244 @692 has 5 MA's), (315, 806), (335, 842), (337, 845), (369, 905), (426, 1013), (476, 1100), (491, 1118), (538, 1187), (590, 1277), (603, 1310), (607, 1319), (623, 1340), (635, 1376), (747, 1517), (771, 1556), (899, 1703), (917, 1739), (955, 1787), (977, 1823), (1007, 1880), (1016, 1883), (1046, 1943), (1094, 2027), (1134, 2093), (1196, 2150), (1198, 2153), (1205, 2165), (1246, 2234), (1267, 2276), (1283, 2303),

Gene: MarQuardt_13 Start: 6958, Stop: 8658, Start Num: 104
Candidate Starts for MarQuardt_13:

(Start: 104 @6958 has 125 MA's), (151, 7006), (292, 7141), (426, 7333), (476, 7420), (593, 7618), (634, 7708), (671, 7771), (760, 7933), (915, 8131), (928, 8155), (930, 8158), (988, 8221), (995, 8242), (1026, 8281), (1096, 8377), (1134, 8431), (1182, 8467), (1269, 8614), (1292, 8644), (1294, 8647),

Gene: Marav_9 Start: 3096, Stop: 4742, Start Num: 75
Candidate Starts for Marav_9:
(Start: 75 @3096 has 95 MA's), (Start: 239 @3246 has 2 MA's), (363, 3366), (382, 3399), (443, 3492), (445, 3498), (450, 3507), (462, 3534), (480, 3555), (543, 3642), (582, 3714), (593, 3738), (638, 3837), (654, 3873), (673, 3891), (716, 3978), (766, 4014), (786, 4050), (915, 4200), (927, 4221), (992, 4311), (1007, 4338), (1064, 4419), (1096, 4458), (1112, 4479), (1130, 4503), (1196, 4563), (1251, 4659),

Gene: Maravista_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for Maravista_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 176 @617 has 83 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (291, 737), (310, 758), (372, 845), (375, 851), (419, 905), (433, 917), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (482, 998), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (695, 1397), (845, 1568), (859, 1580), (872, 1598), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1132, 1967), (1140, 1979), (1176, 2006), (1202, 2039), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: Marcell_11 Start: 6934, Stop: 8622, Start Num: 102
Candidate Starts for Marcell_11:
(Start: 102 @6934 has 391 MA's), (363, 7198), (379, 7222), (476, 7384), (500, 7417), (558, 7492), (593, 7582), (603, 7606), (621, 7633), (637, 7681), (679, 7750), (720, 7837), (760, 7897), (930, 8122), (939, 8131), (952, 8143), (988, 8185), (995, 8206), (1020, 8233), (1096, 8341), (1182, 8431), (1246, 8536),

Gene: Marchesa_11 Start: 6547, Stop: 8244, Start Num: 102
Candidate Starts for Marchesa_11:
(Start: 102 @6547 has 391 MA's), (Start: 126 @6571 has 206 MA's), (174, 6619), (363, 6817), (406, 6880), (465, 6991), (476, 7003), (503, 7042), (518, 7054), (558, 7111), (569, 7135), (593, 7201), (596, 7210), (634, 7291), (643, 7318), (720, 7456), (778, 7543), (864, 7642), (915, 7717), (928, 7741), (930, 7744), (936, 7750), (943, 7759), (988, 7807), (1026, 7867), (1096, 7963), (1130, 8008), (1134, 8017), (1253, 8170), (1269, 8200), (1292, 8230), (1294, 8233),

Gene: Marchy_10 Start: 6561, Stop: 8249, Start Num: 102
Candidate Starts for Marchy_10:
(Start: 102 @6561 has 391 MA's), (363, 6825), (379, 6849), (476, 7011), (500, 7044), (558, 7119), (593, 7209), (603, 7233), (637, 7308), (720, 7464), (727, 7473), (758, 7521), (760, 7524), (930, 7749), (939, 7758), (952, 7770), (988, 7812), (995, 7833), (1020, 7860), (1096, 7968), (1182, 8058), (1246, 8163),

Gene: Marco3_11 Start: 7206, Stop: 8894, Start Num: 102
Candidate Starts for Marco3_11:
(Start: 102 @7206 has 391 MA's), (363, 7470), (379, 7494), (476, 7656), (500, 7689), (558, 7764), (593, 7854), (603, 7878), (621, 7905), (637, 7953), (679, 8022), (720, 8109), (760, 8169), (930, 8394), (939, 8403), (952, 8415), (988, 8457), (995, 8478), (1020, 8505), (1096, 8613), (1182, 8703), (1246, 8808),

Gene: Mardi_9 Start: 3531, Stop: 5264, Start Num: 217

Candidate Starts for Mardi_9:
(Start: 217 @3531 has 209 MA's), (287, 3630), (438, 3867), (458, 3915), (504, 3993), (523, 4011), (525, 4014), (561, 4083), (604, 4185), (616, 4209), (636, 4266), (680, 4371), (728, 4470), (744, 4500), (770, 4542), (804, 4599), (859, 4668), (868, 4680), (949, 4794), (967, 4812), (1000, 4881), (1003, 4884), (1146, 5088), (1182, 5112), (1196, 5124), (1203, 5136), (1224, 5169), (1244, 5214), (1246, 5217),

Gene: Margaret_7 Start: 1862, Stop: 3562, Start Num: 173
Candidate Starts for Margaret_7:
(Start: 173 @1862 has 9 MA's), (Start: 224 @1916 has 17 MA's), (237, 1937), (Start: 255 @1964 has 1 MA's), (333, 2039), (350, 2075), (407, 2153), (445, 2228), (450, 2237), (476, 2282), (507, 2333), (572, 2432), (619, 2522), (654, 2612), (687, 2666), (729, 2741), (814, 2879), (887, 2939), (890, 2945), (917, 3011), (920, 3017), (988, 3101), (995, 3122), (1038, 3182), (1042, 3188), (1064, 3221), (1170, 3326), (1249, 3455), (1251, 3458), (1280, 3503), (1311, 3548), (1313, 3551),

Gene: Marge_12 Start: 7457, Stop: 9145, Start Num: 108
Candidate Starts for Marge_12:
(Start: 108 @7457 has 24 MA's), (Start: 302 @7637 has 3 MA's), (363, 7721), (380, 7748), (383, 7757), (476, 7907), (500, 7940), (558, 8015), (593, 8105), (603, 8129), (621, 8156), (637, 8204), (679, 8273), (720, 8360), (760, 8420), (930, 8645), (939, 8654), (952, 8666), (988, 8708), (995, 8729), (1020, 8756), (1096, 8864), (1182, 8954), (1246, 9059),

Gene: Margo_12 Start: 7069, Stop: 8766, Start Num: 102
Candidate Starts for Margo_12:
(Start: 102 @7069 has 391 MA's), (Start: 126 @7093 has 206 MA's), (363, 7339), (465, 7513), (476, 7525), (503, 7564), (518, 7576), (558, 7633), (569, 7657), (593, 7723), (596, 7732), (634, 7813), (646, 7846), (720, 7978), (729, 7990), (763, 8044), (778, 8065), (798, 8098), (855, 8152), (915, 8239), (928, 8263), (930, 8266), (936, 8272), (943, 8281), (988, 8329), (1007, 8368), (1015, 8371), (1026, 8389), (1096, 8485), (1134, 8539), (1253, 8692), (1269, 8722), (1292, 8752), (1294, 8755),

Gene: Maria1952_2 Start: 428, Stop: 1993, Start Num: 155
Candidate Starts for Maria1952_2:
(Start: 155 @428 has 82 MA's), (Start: 297 @599 has 2 MA's), (374, 692), (380, 701), (396, 734), (404, 749), (409, 758), (430, 782), (455, 836), (542, 947), (584, 1013), (586, 1019), (607, 1079), (636, 1139), (647, 1169), (759, 1268), (880, 1442), (883, 1451), (905, 1487), (908, 1493), (925, 1529), (962, 1565), (980, 1598), (1006, 1637), (1015, 1643), (1143, 1784), (1222, 1859), (1272, 1940), (1308, 1979),

Gene: Marianna39_16 Start: 7544, Stop: 9328, Start Num: 217
Candidate Starts for Marianna39_16:
(Start: 211 @7538 has 88 MA's), (Start: 217 @7544 has 209 MA's), (287, 7643), (438, 7892), (458, 7940), (504, 8018), (525, 8039), (561, 8108), (604, 8210), (625, 8255), (628, 8267), (647, 8324), (680, 8396), (728, 8495), (761, 8552), (770, 8567), (804, 8624), (859, 8693), (868, 8705), (912, 8798), (949, 8858), (967, 8876), (970, 8882), (1000, 8945), (1003, 8948), (1030, 8987), (1125, 9119), (1146, 9152), (1182, 9176), (1196, 9188), (1207, 9206), (1244, 9278), (1246, 9281),

Gene: Marichuy_3 Start: 1179, Stop: 2639, Start Num: 193
Candidate Starts for Marichuy_3:
(Start: 193 @1179 has 146 MA's), (Start: 198 @1185 has 6 MA's), (325, 1347), (330, 1356), (377, 1416), (415, 1485), (431, 1506), (455, 1557), (606, 1761), (744, 1974), (753, 1989), (777, 2025), (804, 2067), (832, 2100), (840, 2118), (923, 2238), (925, 2241), (936, 2253), (990, 2328), (1031, 2391), (1044, 2409), (1045, 2412), (1186, 2574), (1199, 2583), (1205, 2592), (1232, 2631),

Gene: Maridalia_2 Start: 498, Stop: 2222, Start Num: 206

Candidate Starts for Maridalia_2:
(Start: 193 @483 has 146 MA's), (Start: 206 @498 has 29 MA's), (280, 588), (437, 828), (439, 834), (450, 858), (483, 915), (536, 987), (633, 1185), (655, 1227), (664, 1233), (702, 1317), (723, 1344), (793, 1455), (809, 1482), (926, 1659), (1092, 1932), (1094, 1935), (1098, 1941), (1115, 1962), (1141, 2001), (1177, 2049), (1185, 2058), (1205, 2082), (1226, 2100), (1253, 2157), (1295, 2214),

Gene: Marie_13 Start: 6955, Stop: 8655, Start Num: 104
Candidate Starts for Marie_13:
(Start: 104 @6955 has 125 MA's), (151, 7003), (292, 7138), (426, 7330), (476, 7417), (501, 7453), (593, 7615), (634, 7705), (671, 7768), (760, 7930), (915, 8128), (928, 8152), (930, 8155), (988, 8218), (995, 8239), (1026, 8278), (1096, 8374), (1134, 8428), (1182, 8464), (1269, 8611), (1292, 8641), (1294, 8644),

Gene: Marietta_26 Start: 10406, Stop: 12133, Start Num: 126
Candidate Starts for Marietta_26:
(Start: 126 @10406 has 206 MA's), (Start: 184 @10469 has 3 MA's), (270, 10556), (317, 10607), (346, 10652), (361, 10682), (365, 10691), (384, 10724), (425, 10814), (433, 10832), (597, 11114), (612, 11141), (695, 11309), (699, 11321), (798, 11432), (937, 11615), (996, 11729), (1007, 11744), (1031, 11777), (1084, 11852), (1219, 11996), (1246, 12038), (1261, 12068), (1287, 12110),

Gene: Marius_14 Start: 7029, Stop: 8729, Start Num: 104
Candidate Starts for Marius_14:
(Start: 104 @7029 has 125 MA's), (151, 7077), (Start: 224 @7149 has 17 MA's), (292, 7212), (476, 7491), (593, 7689), (634, 7779), (671, 7842), (760, 8004), (915, 8202), (928, 8226), (930, 8229), (988, 8292), (992, 8304), (995, 8313), (1007, 8331), (1026, 8352), (1096, 8448), (1134, 8502), (1182, 8538), (1269, 8685), (1292, 8715), (1294, 8718),

Gene: Maroc7_10 Start: 6747, Stop: 8435, Start Num: 102
Candidate Starts for Maroc7_10:
(Start: 102 @6747 has 391 MA's), (363, 7011), (379, 7035), (476, 7197), (500, 7230), (558, 7305), (593, 7395), (603, 7419), (621, 7446), (637, 7494), (679, 7563), (714, 7638), (720, 7650), (760, 7710), (939, 7944), (952, 7956), (988, 7998), (995, 8019), (1020, 8046), (1096, 8154), (1182, 8244), (1246, 8349),

Gene: Marsha_11 Start: 7191, Stop: 8879, Start Num: 102
Candidate Starts for Marsha_11:
(Start: 102 @7191 has 391 MA's), (Start: 302 @7371 has 3 MA's), (363, 7455), (383, 7491), (406, 7518), (476, 7641), (558, 7749), (593, 7839), (603, 7863), (621, 7890), (637, 7938), (720, 8094), (760, 8154), (930, 8379), (939, 8388), (952, 8400), (988, 8442), (995, 8463), (1020, 8490), (1096, 8598), (1182, 8688), (1246, 8793),

Gene: Marteena_2 Start: 485, Stop: 2284, Start Num: 113
Candidate Starts for Marteena_2:
(Start: 113 @485 has 24 MA's), (240, 623), (256, 650), (343, 782), (350, 797), (414, 881), (429, 911), (434, 923), (443, 932), (460, 971), (476, 992), (527, 1052), (541, 1076), (580, 1148), (596, 1184), (614, 1220), (647, 1310), (663, 1331), (685, 1376), (687, 1382), (698, 1400), (705, 1415), (868, 1589), (892, 1616), (930, 1685), (936, 1691), (988, 1757), (992, 1769), (1007, 1796), (1064, 1907), (1086, 1943), (1096, 1955), (1100, 1961), (1111, 1979), (1128, 2006), (1143, 2030), (1189, 2093), (1217, 2135), (1249, 2192), (1256, 2207), (1265, 2222), (1300, 2270), (1302, 2273),

Gene: Martik_2 Start: 573, Stop: 2210, Start Num: 126
Candidate Starts for Martik_2:

(Start: 126 @573 has 206 MA's), (133, 582), (Start: 147 @597 has 3 MA's), (Start: 176 @618 has 83 MA's), (Start: 217 @654 has 209 MA's), (Start: 219 @657 has 2 MA's), (Start: 231 @675 has 26 MA's), (271, 720), (310, 759), (372, 846), (419, 906), (442, 930), (445, 939), (447, 942), (454, 963), (467, 984), (482, 999), (519, 1056), (543, 1095), (580, 1164), (584, 1170), (597, 1200), (598, 1203), (603, 1212), (612, 1227), (621, 1245), (638, 1296), (689, 1389), (695, 1398), (845, 1569), (859, 1581), (915, 1665), (934, 1695), (937, 1698), (940, 1701), (988, 1758), (993, 1773), (995, 1779), (996, 1782), (1007, 1797), (1020, 1806), (1042, 1845), (1062, 1875), (1082, 1905), (1084, 1914), (1112, 1947), (1140, 1980), (1176, 2007), (1202, 2040), (1222, 2070), (1235, 2091), (1246, 2115), (1251, 2124), (1253, 2127), (1284, 2184),

Gene: Marvin_33 Start: 11120, Stop: 12862, Start Num: 176
Candidate Starts for Marvin_33:
(Start: 176 @11120 has 83 MA's), (292, 11237), (325, 11282), (354, 11348), (358, 11363), (379, 11396), (380, 11399), (388, 11414), (407, 11438), (409, 11441), (426, 11471), (436, 11492), (443, 11510), (447, 11519), (463, 11555), (476, 11570), (507, 11615), (543, 11657), (565, 11696), (572, 11708), (582, 11729), (604, 11780), (621, 11801), (747, 12023), (814, 12128), (821, 12137), (871, 12170), (890, 12191), (892, 12194), (908, 12221), (915, 12251), (920, 12263), (930, 12278), (939, 12287), (943, 12293), (971, 12335), (983, 12344), (990, 12359), (995, 12374), (1038, 12434), (1061, 12473), (1089, 12506), (1112, 12536), (1115, 12539), (1163, 12623), (1196, 12677), (1205, 12692), (1224, 12719), (1251, 12773), (1309, 12845), (1311, 12848),

Gene: MaryBeth_11 Start: 7169, Stop: 8857, Start Num: 102
Candidate Starts for MaryBeth_11:
(Start: 102 @7169 has 391 MA's), (Start: 302 @7349 has 3 MA's), (363, 7433), (383, 7469), (476, 7619), (558, 7727), (593, 7817), (603, 7841), (621, 7868), (637, 7916), (679, 7985), (714, 8060), (720, 8072), (760, 8132), (930, 8357), (939, 8366), (952, 8378), (988, 8420), (995, 8441), (1020, 8468), (1096, 8576), (1182, 8666), (1246, 8771),

Gene: MaryV_26 Start: 8094, Stop: 9707, Start Num: 165
Candidate Starts for MaryV_26:
(Start: 165 @8094 has 5 MA's), (284, 8244), (Start: 302 @8262 has 3 MA's), (Start: 324 @8295 has 4 MA's), (330, 8307), (380, 8358), (381, 8361), (406, 8409), (409, 8415), (440, 8454), (442, 8457), (454, 8490), (502, 8559), (557, 8625), (566, 8643), (582, 8667), (585, 8673), (631, 8778), (646, 8820), (658, 8838), (662, 8847), (792, 9051), (795, 9057), (822, 9090), (953, 9255), (963, 9264), (966, 9270), (968, 9273), (1003, 9348), (1028, 9381), (1038, 9396), (1111, 9477), (1224, 9630), (1235, 9651), (1239, 9654),

Gene: MarysWell_8 Start: 6156, Stop: 7907, Start Num: 63
Candidate Starts for MarysWell_8:
(Start: 53 @6129 has 20 MA's), (Start: 63 @6156 has 32 MA's), (114, 6225), (228, 6339), (Start: 231 @6345 has 26 MA's), (350, 6477), (406, 6552), (407, 6555), (426, 6588), (445, 6621), (521, 6729), (536, 6753), (558, 6786), (593, 6861), (613, 6906), (643, 6984), (646, 6990), (743, 7155), (763, 7188), (778, 7209), (915, 7383), (928, 7407), (930, 7410), (988, 7470), (992, 7482), (1007, 7509), (1026, 7530), (1086, 7614), (1096, 7626), (1184, 7719), (1269, 7863), (1294, 7896), (1299, 7902),

Gene: Maselop_28 Start: 14057, Stop: 15730, Start Num: 126
Candidate Starts for Maselop_28:
(Start: 126 @14057 has 206 MA's), (270, 14201), (317, 14252), (433, 14426), (445, 14447), (454, 14471), (474, 14498), (499, 14531), (538, 14597), (567, 14645), (597, 14708), (612, 14735), (695, 14903), (699, 14915), (798, 15026), (833, 15077), (916, 15176), (973, 15275), (980, 15287), (992, 15314), (996, 15326), (1007, 15341), (1061, 15416), (1084, 15449), (1112, 15482), (1202, 15566), (1214, 15587), (1246, 15635), (1290, 15710),

Gene: MasterPitts_3 Start: 1086, Stop: 2546, Start Num: 193
Candidate Starts for MasterPitts_3:
(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (744, 1881), (753, 1896), (777, 1932), (804, 1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: Matteo_2 Start: 318, Stop: 1889, Start Num: 134
Candidate Starts for Matteo_2:
(Start: 134 @318 has 105 MA's), (281, 474), (313, 504), (332, 537), (397, 621), (402, 630), (461, 726), (550, 816), (596, 912), (607, 936), (630, 978), (654, 1032), (679, 1071), (736, 1137), (741, 1149), (760, 1179), (783, 1212), (837, 1293), (873, 1338), (876, 1344), (895, 1365), (950, 1455), (986, 1500), (989, 1506), (1003, 1536), (1005, 1539), (1044, 1593), (1078, 1629), (1120, 1680), (1162, 1740), (1164, 1743), (1200, 1785), (1266, 1872),

Gene: Mattes_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for Mattes_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 184 @629 has 3 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (310, 758), (372, 845), (419, 905), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (689, 1388), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1140, 1979), (1176, 2006), (1202, 2039), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: MauiIvory_3 Start: 1185, Stop: 2639, Start Num: 198
Candidate Starts for MauiIvory_3:
(Start: 193 @1179 has 146 MA's), (Start: 198 @1185 has 6 MA's), (325, 1347), (330, 1356), (377, 1416), (415, 1485), (431, 1506), (455, 1557), (606, 1761), (669, 1896), (744, 1974), (753, 1989), (765, 2007), (777, 2025), (804, 2067), (832, 2100), (840, 2118), (923, 2238), (925, 2241), (936, 2253), (943, 2265), (990, 2328), (1028, 2385), (1031, 2391), (1038, 2400), (1044, 2409), (1045, 2412), (1186, 2574), (1199, 2583), (1205, 2592), (1232, 2631),

Gene: Maureen_2 Start: 532, Stop: 2271, Start Num: 101
Candidate Starts for Maureen_2:
(Start: 101 @532 has 50 MA's), (159, 592), (170, 601), (Start: 224 @655 has 17 MA's), (339, 778), (429, 916), (434, 928), (450, 952), (476, 997), (512, 1045), (572, 1138), (619, 1237), (621, 1240), (640, 1297), (698, 1399), (699, 1402), (763, 1468), (800, 1525), (848, 1594), (930, 1714), (1064, 1906), (1096, 1942), (1106, 1957), (1217, 2122), (1256, 2194), (1265, 2209), (1267, 2212), (1298, 2257),

Gene: Maverick_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Maverick_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Maxo_11 Start: 6885, Stop: 8582, Start Num: 102
Candidate Starts for Maxo_11:
(Start: 102 @6885 has 391 MA's), (Start: 126 @6909 has 206 MA's), (Start: 239 @7032 has 2 MA's), (339, 7122), (363, 7155), (426, 7254), (473, 7338), (476, 7341), (503, 7380), (558, 7449), (569, 7473),

(593, 7539), (634, 7629), (720, 7794), (778, 7881), (798, 7914), (864, 7980), (913, 8052), (915, 8055), (928, 8079), (980, 8130), (988, 8145), (1007, 8184), (1026, 8205), (1096, 8301), (1269, 8538), (1292, 8568), (1294, 8571),

Gene: Maxxinista_9 Start: 2280, Stop: 3950, Start Num: 301
Candidate Starts for Maxxinista_9:
(Start: 301 @2280 has 48 MA's), (344, 2343), (479, 2577), (548, 2679), (632, 2859), (641, 2883), (650, 2901), (663, 2913), (694, 2976), (698, 2988), (725, 3033), (734, 3048), (784, 3126), (811, 3171), (845, 3225), (851, 3231), (917, 3345), (994, 3489), (1019, 3525), (1118, 3678), (1129, 3690), (1175, 3747), (1205, 3783), (1235, 3834), (1251, 3870), (1253, 3873), (1294, 3939),

Gene: Maya_8 Start: 3154, Stop: 4899, Start Num: 217
Candidate Starts for Maya_8:
(Start: 217 @3154 has 209 MA's), (252, 3208), (Start: 255 @3211 has 1 MA's), (280, 3247), (287, 3253), (430, 3487), (485, 3586), (504, 3628), (525, 3649), (547, 3691), (556, 3703), (596, 3802), (604, 3820), (621, 3856), (713, 4081), (728, 4105), (731, 4111), (804, 4234), (859, 4303), (940, 4420), (944, 4426), (967, 4447), (1000, 4516), (1003, 4519), (1038, 4570), (1101, 4657), (1146, 4723), (1182, 4747), (1196, 4759), (1207, 4777), (1244, 4849), (1246, 4852),

Gene: Mayonnaise_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Mayonnaise_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Mayweather_5 Start: 1518, Stop: 3194, Start Num: 176
Candidate Starts for Mayweather_5:
(Start: 176 @1518 has 83 MA's), (Start: 224 @1569 has 17 MA's), (237, 1590), (295, 1635), (325, 1677), (350, 1713), (394, 1779), (434, 1842), (450, 1875), (468, 1911), (476, 1920), (480, 1923), (507, 1971), (572, 2070), (582, 2091), (597, 2127), (607, 2148), (628, 2184), (654, 2250), (687, 2304), (791, 2484), (814, 2517), (890, 2583), (892, 2586), (917, 2649), (920, 2655), (1038, 2820), (1061, 2853), (1116, 2922), (1196, 3000), (1198, 3003), (1249, 3093), (1253, 3099), (1265, 3120), (1311, 3180), (1313, 3183),

Gene: Mazhar510_11 Start: 6885, Stop: 8582, Start Num: 102
Candidate Starts for Mazhar510_11:
(Start: 102 @6885 has 391 MA's), (Start: 126 @6909 has 206 MA's), (Start: 239 @7032 has 2 MA's), (339, 7122), (363, 7155), (426, 7254), (473, 7338), (476, 7341), (503, 7380), (558, 7449), (569, 7473), (593, 7539), (634, 7629), (720, 7794), (778, 7881), (798, 7914), (864, 7980), (913, 8052), (915, 8055), (928, 8079), (980, 8130), (988, 8145), (1007, 8184), (1026, 8205), (1096, 8301), (1269, 8538), (1292, 8568), (1294, 8571),

Gene: Mbo4_2 Start: 442, Stop: 1950, Start Num: 154
Candidate Starts for Mbo4_2:
(Start: 154 @442 has 1 MA's), (281, 553), (313, 580), (454, 790), (455, 793), (476, 820), (548, 889), (596, 988), (599, 997), (607, 1012), (630, 1054), (679, 1147), (702, 1162), (736, 1213), (754, 1246), (817, 1345), (837, 1372), (873, 1414), (902, 1447), (953, 1519), (980, 1549), (986, 1561), (988, 1564), (989, 1567), (990, 1570), (1031, 1636), (1044, 1654), (1055, 1669), (1126, 1747), (1135, 1762), (1160, 1801), (1176, 1816), (1234, 1900),

Gene: McDazzle_3 Start: 1365, Stop: 3041, Start Num: 176

Candidate Starts for McDazzle_3:
(Start: 176 @1365 has 83 MA's), (Start: 224 @1416 has 17 MA's), (237, 1437), (295, 1482), (394, 1626), (434, 1689), (450, 1722), (468, 1758), (476, 1767), (480, 1770), (500, 1803), (507, 1818), (572, 1917), (582, 1938), (597, 1974), (607, 1995), (628, 2031), (654, 2097), (687, 2151), (791, 2331), (814, 2364), (890, 2430), (892, 2433), (917, 2496), (920, 2502), (1038, 2667), (1061, 2700), (1116, 2769), (1196, 2847), (1198, 2850), (1249, 2940), (1253, 2946), (1265, 2967), (1311, 3027), (1313, 3030),

Gene: McFly_15 Start: 7533, Stop: 9287, Start Num: 103
Candidate Starts for McFly_15:
(Start: 103 @7533 has 278 MA's), (288, 7764), (325, 7815), (350, 7851), (406, 7926), (476, 8049), (503, 8088), (558, 8157), (569, 8181), (571, 8184), (593, 8247), (603, 8271), (646, 8370), (647, 8373), (671, 8400), (673, 8403), (864, 8688), (920, 8775), (928, 8787), (988, 8850), (1007, 8889), (1026, 8910), (1086, 8994), (1096, 9006), (1269, 9243), (1290, 9270), (1292, 9273),

Gene: McGonagall_2 Start: 520, Stop: 1905, Start Num: 244
Candidate Starts for McGonagall_2:
(Start: 244 @520 has 5 MA's), (Start: 290 @586 has 2 MA's), (Start: 314 @613 has 1 MA's), (401, 736), (402, 739), (414, 757), (452, 820), (454, 829), (455, 832), (514, 901), (554, 934), (568, 958), (581, 985), (596, 1033), (641, 1132), (663, 1165), (669, 1177), (677, 1189), (820, 1345), (832, 1360), (866, 1408), (898, 1453), (904, 1462), (917, 1486), (943, 1525), (1181, 1825), (1227, 1891),

Gene: McGuire_12 Start: 7052, Stop: 8740, Start Num: 102
Candidate Starts for McGuire_12:
(Start: 102 @7052 has 391 MA's), (Start: 302 @7232 has 3 MA's), (363, 7316), (383, 7352), (406, 7379), (476, 7502), (558, 7610), (593, 7700), (603, 7724), (621, 7751), (637, 7799), (720, 7955), (758, 8012), (760, 8015), (939, 8249), (952, 8261), (988, 8303), (995, 8324), (1020, 8351), (1096, 8459), (1182, 8549), (1246, 8654),

Gene: McShie_3 Start: 1071, Stop: 2531, Start Num: 193
Candidate Starts for McShie_3:
(Start: 193 @1071 has 146 MA's), (Start: 198 @1077 has 6 MA's), (325, 1239), (330, 1248), (377, 1308), (415, 1377), (431, 1398), (455, 1449), (606, 1653), (669, 1788), (744, 1866), (753, 1881), (777, 1917), (804, 1959), (832, 1992), (840, 2010), (923, 2130), (925, 2133), (936, 2145), (990, 2220), (1031, 2283), (1044, 2301), (1045, 2304), (1186, 2466), (1199, 2475), (1205, 2484), (1232, 2523),

Gene: McSinger_12 Start: 7132, Stop: 8820, Start Num: 102
Candidate Starts for McSinger_12:
(Start: 102 @7132 has 391 MA's), (363, 7396), (379, 7420), (476, 7582), (500, 7615), (558, 7690), (593, 7780), (603, 7804), (621, 7831), (637, 7879), (720, 8035), (727, 8044), (758, 8092), (760, 8095), (939, 8329), (952, 8341), (988, 8383), (995, 8404), (1020, 8431), (1096, 8539), (1182, 8629), (1246, 8734),

Gene: Mcklovin_3 Start: 962, Stop: 2683, Start Num: 209
Candidate Starts for Mcklovin_3:
(146, 890), (Start: 149 @893 has 70 MA's), (Start: 209 @962 has 1 MA's), (Start: 212 @965 has 5 MA's), (280, 1049), (356, 1163), (403, 1232), (426, 1265), (437, 1289), (439, 1295), (450, 1319), (452, 1325), (483, 1376), (536, 1448), (582, 1526), (633, 1646), (655, 1688), (664, 1694), (702, 1778), (704, 1781), (723, 1805), (773, 1880), (793, 1916), (809, 1943), (926, 2120), (1092, 2393), (1094, 2396), (1098, 2402), (1115, 2423), (1137, 2456), (1141, 2462), (1177, 2510), (1185, 2519), (1205, 2543), (1226, 2561), (1253, 2618), (1295, 2675),

Gene: Medindi_2 Start: 588, Stop: 2225, Start Num: 126
Candidate Starts for Medindi_2:

(Start: 126 @588 has 206 MA's), (Start: 139 @603 has 1 MA's), (Start: 147 @612 has 3 MA's), (153, 618), (Start: 184 @645 has 3 MA's), (Start: 217 @669 has 209 MA's), (Start: 219 @672 has 2 MA's), (271, 735), (291, 753), (310, 774), (372, 861), (375, 867), (419, 921), (433, 933), (442, 945), (445, 954), (447, 957), (454, 978), (467, 999), (482, 1014), (519, 1071), (543, 1110), (580, 1179), (584, 1185), (597, 1215), (598, 1218), (603, 1227), (612, 1242), (621, 1260), (638, 1311), (695, 1413), (845, 1584), (859, 1596), (872, 1614), (915, 1680), (934, 1710), (937, 1713), (940, 1716), (988, 1773), (993, 1788), (995, 1794), (996, 1797), (1007, 1812), (1020, 1821), (1062, 1890), (1082, 1920), (1084, 1929), (1112, 1962), (1140, 1995), (1176, 2022), (1202, 2055), (1219, 2082), (1222, 2085), (1235, 2106), (1246, 2130), (1251, 2139), (1253, 2142), (1284, 2199),

Gene: MediumFry_8 Start: 3841, Stop: 5580, Start Num: 217
Candidate Starts for MediumFry_8:
(Start: 217 @3841 has 209 MA's), (287, 3940), (353, 4060), (426, 4159), (446, 4201), (458, 4231), (504, 4309), (525, 4330), (604, 4501), (616, 4525), (621, 4537), (680, 4687), (713, 4762), (728, 4786), (791, 4891), (804, 4915), (868, 4996), (897, 5044), (949, 5110), (967, 5128), (970, 5134), (991, 5176), (996, 5191), (1000, 5197), (1003, 5200), (1146, 5404), (1182, 5428), (1196, 5440), (1207, 5458), (1244, 5530), (1246, 5533),

Gene: Medusa_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Medusa_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: MeeZee_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for MeeZee_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: MegTheThird_11 Start: 6346, Stop: 8004, Start Num: 231
Candidate Starts for MegTheThird_11:
(Start: 103 @6214 has 278 MA's), (Start: 117 @6229 has 12 MA's), (Start: 231 @6346 has 26 MA's), (288, 6445), (292, 6451), (406, 6607), (445, 6679), (476, 6733), (503, 6772), (558, 6844), (593, 6934), (603, 6958), (671, 7087), (673, 7090), (776, 7273), (837, 7369), (888, 7429), (980, 7552), (988, 7567), (992, 7579), (1026, 7627), (1061, 7681), (1086, 7711), (1096, 7723), (1184, 7816), (1198, 7831), (1269, 7960), (1290, 7987), (1292, 7990),

Gene: MeganNoll_5 Start: 3133, Stop: 4698, Start Num: 155
Candidate Starts for MeganNoll_5:
(Start: 155 @3133 has 82 MA's), (Start: 324 @3343 has 4 MA's), (374, 3397), (409, 3463), (430, 3487), (573, 3703), (584, 3718), (586, 3724), (607, 3784), (636, 3844), (740, 3943), (759, 3973), (768, 3988), (815, 4069), (880, 4147), (883, 4156), (905, 4192), (923, 4231), (953, 4264), (963, 4273), (977, 4300), (1020, 4354), (1044, 4396), (1111, 4441), (1126, 4462), (1141, 4486), (1222, 4564), (1308, 4684),

Gene: Megiddo_2 Start: 400, Stop: 2076, Start Num: 134
Candidate Starts for Megiddo_2:
(Start: 134 @400 has 105 MA's), (313, 616), (338, 655), (360, 712), (362, 718), (373, 736), (397, 781), (404, 793), (409, 802), (414, 808), (451, 865), (459, 886), (467, 898), (541, 988), (636, 1177), (702,

1273), (720, 1303), (736, 1324), (828, 1465), (837, 1477), (873, 1522), (984, 1675), (989, 1684), (1000, 1711), (1031, 1753), (1044, 1771), (1118, 1855), (1130, 1870), (1269, 2059),

Gene: Meibysrarus_8 Start: 3146, Stop: 4891, Start Num: 217
Candidate Starts for Meibysrarus_8:
(Start: 217 @3146 has 209 MA's), (252, 3200), (Start: 255 @3203 has 1 MA's), (280, 3239), (287, 3245), (430, 3479), (485, 3578), (504, 3620), (525, 3641), (547, 3683), (556, 3695), (596, 3794), (604, 3812), (621, 3848), (713, 4073), (728, 4097), (731, 4103), (804, 4226), (859, 4295), (940, 4412), (967, 4439), (1000, 4508), (1003, 4511), (1038, 4562), (1101, 4649), (1146, 4715), (1179, 4736), (1182, 4739), (1196, 4751), (1207, 4769), (1244, 4841), (1246, 4844),

Gene: MelBee03_3 Start: 1071, Stop: 2531, Start Num: 193
Candidate Starts for MelBee03_3:
(Start: 193 @1071 has 146 MA's), (Start: 198 @1077 has 6 MA's), (325, 1239), (330, 1248), (377, 1308), (415, 1377), (431, 1398), (455, 1449), (606, 1653), (623, 1677), (669, 1788), (744, 1866), (753, 1881), (777, 1917), (804, 1959), (832, 1992), (840, 2010), (923, 2130), (925, 2133), (936, 2145), (990, 2220), (1031, 2283), (1044, 2301), (1045, 2304), (1186, 2466), (1199, 2475), (1232, 2523),

Gene: Melba_2 Start: 360, Stop: 1928, Start Num: 163
Candidate Starts for Melba_2:
(59, 255), (Start: 163 @360 has 37 MA's), (251, 444), (269, 477), (313, 519), (Start: 324 @537 has 4 MA's), (334, 552), (362, 573), (377, 594), (396, 633), (431, 693), (451, 729), (454, 741), (491, 786), (498, 795), (522, 822), (584, 900), (630, 1005), (637, 1020), (642, 1035), (702, 1113), (736, 1164), (837, 1320), (869, 1359), (898, 1398), (923, 1443), (963, 1488), (965, 1491), (968, 1497), (984, 1518), (989, 1527), (990, 1530), (1005, 1560), (1026, 1584), (1033, 1599), (1118, 1701), (1148, 1743), (1156, 1758), (1176, 1779), (1188, 1794), (1251, 1890), (1262, 1902), (1269, 1911), (1273, 1917),

Gene: Melissauren88_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Melissauren88_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Mellie_2 Start: 360, Stop: 1928, Start Num: 163
Candidate Starts for Mellie_2:
(59, 255), (Start: 163 @360 has 37 MA's), (251, 444), (269, 477), (313, 519), (Start: 324 @537 has 4 MA's), (334, 552), (362, 573), (377, 594), (396, 633), (431, 693), (451, 729), (454, 741), (491, 786), (498, 795), (522, 822), (577, 891), (584, 900), (630, 1005), (637, 1020), (642, 1035), (702, 1113), (736, 1164), (837, 1320), (869, 1359), (898, 1398), (914, 1431), (923, 1443), (963, 1488), (965, 1491), (968, 1497), (984, 1518), (989, 1527), (990, 1530), (1005, 1560), (1026, 1584), (1033, 1599), (1118, 1701), (1148, 1743), (1156, 1758), (1176, 1779), (1188, 1794), (1251, 1890), (1262, 1902), (1269, 1911), (1273, 1917),

Gene: Melons_4 Start: 848, Stop: 2494, Start Num: 164
Candidate Starts for Melons_4:
(Start: 164 @848 has 12 MA's), (Start: 300 @1013 has 12 MA's), (325, 1052), (374, 1103), (381, 1115), (400, 1151), (409, 1169), (554, 1352), (607, 1466), (619, 1478), (636, 1526), (643, 1547), (651, 1562),

(682, 1619), (905, 1934), (949, 2000), (962, 2012), (980, 2045), (1014, 2084), (1017, 2093), (1020, 2096), (1063, 2162), (1093, 2192), (1126, 2237), (1157, 2279), (1182, 2306), (1184, 2309), (1246, 2402), (1249, 2408), (1259, 2429), (1265, 2441), (1304, 2480), (1306, 2483),

Gene: Melville_2 Start: 504, Stop: 2036, Start Num: 234
Candidate Starts for Melville_2:
(Start: 231 @501 has 26 MA's), (Start: 234 @504 has 29 MA's), (243, 516), (Start: 245 @519 has 1 MA's), (282, 576), (Start: 297 @594 has 2 MA's), (309, 606), (368, 678), (380, 696), (390, 714), (400, 735), (443, 798), (459, 837), (487, 870), (508, 918), (573, 1002), (584, 1017), (601, 1068), (605, 1077), (623, 1101), (636, 1140), (637, 1143), (641, 1155), (713, 1281), (728, 1305), (769, 1368), (830, 1452), (886, 1524), (902, 1548), (925, 1590), (930, 1599), (977, 1656), (995, 1695), (1033, 1752), (1041, 1758), (1047, 1761), (1079, 1782), (1109, 1830), (1134, 1866), (1207, 1947), (1210, 1953),

Gene: Melvin_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Melvin_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Mema_10 Start: 4752, Stop: 6503, Start Num: 217
Candidate Starts for Mema_10:
(Start: 217 @4752 has 209 MA's), (272, 4836), (287, 4851), (430, 5085), (434, 5094), (458, 5148), (504, 5226), (574, 5340), (604, 5418), (660, 5562), (680, 5610), (722, 5700), (728, 5709), (744, 5739), (804, 5838), (868, 5919), (903, 5976), (944, 6030), (1000, 6120), (1003, 6123), (1038, 6174), (1068, 6216), (1182, 6351), (1196, 6363),

Gene: Mendokysei_2 Start: 535, Stop: 2514, Start Num: 42
Candidate Starts for Mendokysei_2:
(Start: 42 @535 has 1 MA's), (Start: 96 @631 has 7 MA's), (257, 817), (260, 829), (447, 1108), (450, 1114), (462, 1141), (476, 1159), (528, 1222), (597, 1357), (698, 1573), (702, 1582), (739, 1615), (917, 1834), (963, 1885), (965, 1888), (973, 1909), (996, 1960), (1007, 1975), (1038, 2047), (1067, 2089), (1073, 2098), (1089, 2128), (1096, 2137), (1126, 2188), (1138, 2209), (1179, 2308), (1184, 2314), (1196, 2326), (1249, 2419), (1256, 2434), (1257, 2437), (1302, 2497),

Gene: MerCougar_25 Start: 13111, Stop: 14841, Start Num: 126
Candidate Starts for MerCougar_25:
(Start: 126 @13111 has 206 MA's), (Start: 130 @13117 has 2 MA's), (317, 13312), (319, 13318), (346, 13357), (361, 13387), (375, 13411), (384, 13429), (597, 13822), (612, 13849), (695, 14017), (699, 14029), (716, 14062), (798, 14140), (937, 14323), (959, 14356), (973, 14386), (996, 14437), (1031, 14485), (1084, 14560), (1094, 14572), (1121, 14608), (1246, 14746), (1261, 14776),

Gene: MetalQZJ_11 Start: 7169, Stop: 8857, Start Num: 102
Candidate Starts for MetalQZJ_11:
(Start: 102 @7169 has 391 MA's), (Start: 302 @7349 has 3 MA's), (363, 7433), (383, 7469), (476, 7619), (558, 7727), (593, 7817), (603, 7841), (621, 7868), (637, 7916), (679, 7985), (714, 8060), (720, 8072), (760, 8132), (930, 8357), (939, 8366), (952, 8378), (988, 8420), (995, 8441), (1020, 8468), (1096, 8576), (1182, 8666), (1246, 8771),

Gene: Methuselah_13 Start: 7040, Stop: 8740, Start Num: 104
Candidate Starts for Methuselah_13:

(Start: 104 @7040 has 125 MA's), (151, 7088), (292, 7223), (426, 7415), (476, 7502), (593, 7700), (634, 7790), (671, 7853), (760, 8015), (915, 8213), (928, 8237), (930, 8240), (988, 8303), (995, 8324), (1026, 8363), (1096, 8459), (1134, 8513), (1182, 8549), (1269, 8696), (1292, 8726), (1294, 8729),

Gene: MiaZeal_10 Start: 3527, Stop: 5059, Start Num: 232
Candidate Starts for MiaZeal_10:
(159, 3443), (Start: 196 @3485 has 1 MA's), (207, 3494), (Start: 232 @3527 has 12 MA's), (323, 3641), (360, 3704), (380, 3737), (381, 3740), (404, 3785), (452, 3860), (454, 3869), (550, 3971), (552, 3974), (573, 4010), (588, 4043), (713, 4292), (767, 4355), (783, 4382), (900, 4541), (918, 4577), (952, 4607), (962, 4616), (990, 4670), (1000, 4694), (1186, 4928), (1202, 4940),

Gene: Miaurora_3 Start: 1179, Stop: 2639, Start Num: 193
Candidate Starts for Miaurora_3:
(Start: 193 @1179 has 146 MA's), (Start: 198 @1185 has 6 MA's), (325, 1347), (330, 1356), (377, 1416), (415, 1485), (431, 1506), (455, 1557), (606, 1761), (669, 1896), (744, 1974), (753, 1989), (765, 2007), (777, 2025), (804, 2067), (832, 2100), (840, 2118), (923, 2238), (925, 2241), (936, 2253), (943, 2265), (953, 2277), (990, 2328), (1028, 2385), (1031, 2391), (1038, 2400), (1044, 2409), (1045, 2412), (1186, 2574), (1199, 2583), (1205, 2592), (1232, 2631),

Gene: Micasa_9 Start: 6157, Stop: 7908, Start Num: 63
Candidate Starts for Micasa_9:
(Start: 53 @6130 has 20 MA's), (Start: 63 @6157 has 32 MA's), (114, 6226), (228, 6340), (Start: 231 @6346 has 26 MA's), (350, 6478), (406, 6553), (407, 6556), (426, 6589), (445, 6622), (521, 6730), (536, 6754), (558, 6787), (593, 6862), (613, 6907), (643, 6985), (646, 6991), (679, 7036), (743, 7156), (763, 7189), (778, 7210), (915, 7384), (928, 7408), (930, 7411), (988, 7471), (992, 7483), (1007, 7510), (1026, 7531), (1086, 7615), (1096, 7627), (1269, 7864), (1294, 7897), (1299, 7903),

Gene: MichaelScott_3 Start: 820, Stop: 2379, Start Num: 134
Candidate Starts for MichaelScott_3:
(Start: 134 @820 has 105 MA's), (251, 928), (313, 1006), (332, 1039), (396, 1120), (397, 1123), (402, 1132), (431, 1168), (461, 1228), (550, 1318), (552, 1321), (596, 1414), (599, 1423), (607, 1438), (647, 1522), (679, 1573), (736, 1639), (760, 1681), (806, 1750), (810, 1756), (837, 1795), (855, 1816), (873, 1840), (876, 1846), (895, 1867), (918, 1912), (950, 1948), (952, 1951), (986, 1993), (1078, 2122), (1120, 2173), (1214, 2302), (1266, 2362),

Gene: Michelle_8 Start: 3600, Stop: 5366, Start Num: 200
Candidate Starts for Michelle_8:
(Start: 200 @3600 has 5 MA's), (Start: 217 @3618 has 209 MA's), (280, 3711), (287, 3717), (325, 3774), (353, 3837), (458, 4014), (504, 4092), (525, 4113), (580, 4215), (604, 4284), (611, 4299), (628, 4341), (680, 4470), (713, 4545), (728, 4569), (791, 4674), (804, 4698), (868, 4782), (949, 4896), (967, 4914), (1000, 4983), (1003, 4986), (1038, 5037), (1068, 5079), (1131, 5166), (1161, 5193), (1182, 5214), (1196, 5226), (1207, 5244), (1246, 5319),

Gene: MichelleMyBell_2 Start: 512, Stop: 2044, Start Num: 234
Candidate Starts for MichelleMyBell_2:
(18, 107), (19, 116), (24, 170), (Start: 231 @509 has 26 MA's), (Start: 234 @512 has 29 MA's), (Start: 245 @527 has 1 MA's), (282, 584), (Start: 297 @602 has 2 MA's), (309, 614), (368, 686), (400, 743), (402, 749), (443, 806), (487, 878), (508, 926), (584, 1025), (601, 1076), (636, 1148), (641, 1163), (652, 1181), (713, 1289), (728, 1313), (769, 1376), (830, 1460), (873, 1517), (886, 1532), (918, 1589), (930, 1607), (953, 1634), (995, 1703), (1033, 1760), (1047, 1769), (1079, 1790), (1098, 1823), (1109, 1838), (1124, 1859), (1134, 1874), (1207, 1955), (1210, 1961),

Gene: Michkear_5 Start: 2399, Stop: 4102, Start Num: 101

Candidate Starts for Michkear_5:
(Start: 101 @2399 has 50 MA's), (Start: 122 @2420 has 16 MA's), (203, 2465), (Start: 224 @2486 has 17 MA's), (320, 2579), (434, 2759), (444, 2771), (476, 2828), (512, 2876), (572, 2969), (619, 3068), (828, 3395), (888, 3467), (1096, 3770), (1106, 3785), (1256, 4025), (1300, 4091),

Gene: Michley_11 Start: 6917, Stop: 8605, Start Num: 102
Candidate Starts for Michley_11:
(Start: 102 @6917 has 391 MA's), (363, 7181), (379, 7205), (476, 7367), (489, 7382), (500, 7400), (593, 7565), (603, 7589), (621, 7616), (637, 7664), (760, 7880), (939, 8114), (952, 8126), (988, 8168), (995, 8189), (1020, 8216), (1096, 8324), (1182, 8414), (1246, 8519),

Gene: Microwolf_13 Start: 6958, Stop: 8658, Start Num: 104
Candidate Starts for Microwolf_13:
(Start: 104 @6958 has 125 MA's), (151, 7006), (292, 7141), (426, 7333), (476, 7420), (593, 7618), (634, 7708), (671, 7771), (760, 7933), (915, 8131), (928, 8155), (930, 8158), (988, 8221), (995, 8242), (1026, 8281), (1096, 8377), (1134, 8431), (1182, 8467), (1269, 8614), (1292, 8644), (1294, 8647),

Gene: MiculUcigas_12 Start: 7484, Stop: 9271, Start Num: 103
Candidate Starts for MiculUcigas_12:
(49, 7400), (Start: 103 @7484 has 278 MA's), (Start: 206 @7592 has 29 MA's), (226, 7613), (288, 7721), (473, 8003), (476, 8006), (558, 8114), (593, 8204), (603, 8228), (673, 8360), (915, 8747), (1007, 8873), (1026, 8894), (1086, 8978), (1096, 8990), (1269, 9227), (1290, 9254), (1292, 9257), (1294, 9260), (1296, 9263),

Gene: Midas2_9 Start: 6156, Stop: 7907, Start Num: 63
Candidate Starts for Midas2_9:
(Start: 53 @6129 has 20 MA's), (Start: 63 @6156 has 32 MA's), (114, 6225), (228, 6339), (Start: 231 @6345 has 26 MA's), (350, 6477), (406, 6552), (407, 6555), (426, 6588), (445, 6621), (521, 6729), (536, 6753), (558, 6786), (593, 6861), (613, 6906), (643, 6984), (646, 6990), (743, 7155), (763, 7188), (778, 7209), (915, 7383), (928, 7407), (930, 7410), (988, 7470), (992, 7482), (1007, 7509), (1026, 7530), (1086, 7614), (1096, 7626), (1269, 7863), (1294, 7896), (1299, 7902),

Gene: Miek_7 Start: 3414, Stop: 5153, Start Num: 217
Candidate Starts for Miek_7:
(Start: 214 @3411 has 4 MA's), (Start: 217 @3414 has 209 MA's), (222, 3420), (252, 3468), (Start: 255 @3471 has 1 MA's), (280, 3507), (287, 3513), (Start: 366 @3651 has 1 MA's), (387, 3687), (393, 3699), (504, 3882), (525, 3903), (574, 3996), (580, 4005), (596, 4056), (604, 4074), (728, 4359), (804, 4488), (859, 4557), (921, 4647), (940, 4674), (967, 4701), (1000, 4770), (1003, 4773), (1031, 4815), (1038, 4824), (1131, 4953), (1161, 4980), (1182, 5001), (1196, 5013), (1207, 5031), (1244, 5103), (1246, 5106), (1253, 5118),

Gene: Miko_15 Start: 9110, Stop: 10891, Start Num: 103
Candidate Starts for Miko_15:
(39, 8990), (82, 9083), (Start: 103 @9110 has 278 MA's), (Start: 231 @9242 has 26 MA's), (271, 9317), (288, 9341), (325, 9392), (473, 9623), (476, 9626), (503, 9665), (558, 9734), (593, 9824), (603, 9848), (646, 9947), (671, 9977), (673, 9980), (729, 10091), (980, 10439), (988, 10454), (992, 10466), (1007, 10493), (1026, 10514), (1096, 10610), (1269, 10847), (1290, 10874), (1292, 10877),

Gene: MilanaBonita_3 Start: 1235, Stop: 2872, Start Num: 126
Candidate Starts for MilanaBonita_3:
(Start: 126 @1235 has 206 MA's), (Start: 139 @1250 has 1 MA's), (Start: 147 @1259 has 3 MA's), (153, 1265), (Start: 184 @1292 has 3 MA's), (Start: 217 @1316 has 209 MA's), (Start: 219 @1319 has 2 MA's), (271, 1382), (291, 1400), (310, 1421), (372, 1508), (375, 1514), (419, 1568), (433, 1580),

(445, 1601), (447, 1604), (454, 1625), (467, 1646), (482, 1661), (519, 1718), (543, 1757), (580, 1826), (584, 1832), (597, 1862), (598, 1865), (603, 1874), (612, 1889), (621, 1907), (638, 1958), (695, 2060), (845, 2231), (859, 2243), (872, 2261), (915, 2327), (934, 2357), (937, 2360), (940, 2363), (988, 2420), (993, 2435), (995, 2441), (996, 2444), (1007, 2459), (1020, 2468), (1062, 2537), (1082, 2567), (1084, 2576), (1112, 2609), (1140, 2642), (1176, 2669), (1202, 2702), (1219, 2729), (1222, 2732), (1235, 2753), (1246, 2777), (1251, 2786), (1253, 2789), (1284, 2846),

Gene: Milcery_9 Start: 6166, Stop: 7944, Start Num: 53
Candidate Starts for Milcery_9:
(Start: 53 @6166 has 20 MA's), (Start: 63 @6193 has 32 MA's), (114, 6262), (228, 6376), (Start: 231 @6382 has 26 MA's), (350, 6514), (406, 6589), (407, 6592), (426, 6625), (445, 6658), (521, 6766), (536, 6790), (558, 6823), (593, 6898), (613, 6943), (643, 7021), (646, 7027), (679, 7072), (743, 7192), (763, 7225), (778, 7246), (915, 7420), (928, 7444), (930, 7447), (988, 7507), (992, 7519), (1007, 7546), (1026, 7567), (1086, 7651), (1096, 7663), (1269, 7900), (1294, 7933), (1299, 7939),

Gene: Miley16_4 Start: 1069, Stop: 2637, Start Num: 149
Candidate Starts for Miley16_4:
(Start: 149 @1069 has 70 MA's), (Start: 155 @1075 has 82 MA's), (271, 1231), (484, 1528), (488, 1534), (533, 1594), (582, 1666), (585, 1672), (591, 1693), (636, 1792), (659, 1840), (684, 1894), (700, 1918), (728, 1963), (733, 1969), (753, 1999), (757, 2005), (777, 2032), (782, 2041), (848, 2098), (855, 2104), (873, 2125), (876, 2131), (925, 2206), (927, 2209), (963, 2245), (990, 2290), (1031, 2356), (1093, 2431), (1114, 2449), (1118, 2458), (1241, 2605), (1252, 2629), (1254, 2632),

Gene: MilleFeuille_10 Start: 6485, Stop: 8173, Start Num: 102
Candidate Starts for MilleFeuille_10:
(Start: 102 @6485 has 391 MA's), (363, 6749), (379, 6773), (476, 6935), (500, 6968), (558, 7043), (593, 7133), (603, 7157), (621, 7184), (637, 7232), (679, 7301), (720, 7388), (727, 7397), (758, 7445), (760, 7448), (939, 7682), (952, 7694), (988, 7736), (995, 7757), (1020, 7784), (1096, 7892), (1182, 7982), (1246, 8087),

Gene: MilleniumForce_3 Start: 1235, Stop: 2872, Start Num: 126
Candidate Starts for MilleniumForce_3:
(Start: 126 @1235 has 206 MA's), (Start: 139 @1250 has 1 MA's), (Start: 147 @1259 has 3 MA's), (153, 1265), (Start: 184 @1292 has 3 MA's), (Start: 217 @1316 has 209 MA's), (Start: 219 @1319 has 2 MA's), (271, 1382), (291, 1400), (310, 1421), (372, 1508), (375, 1514), (419, 1568), (433, 1580), (442, 1592), (445, 1601), (447, 1604), (454, 1625), (467, 1646), (482, 1661), (519, 1718), (543, 1757), (580, 1826), (584, 1832), (597, 1862), (598, 1865), (603, 1874), (612, 1889), (621, 1907), (638, 1958), (695, 2060), (845, 2231), (859, 2243), (872, 2261), (915, 2327), (934, 2357), (937, 2360), (940, 2363), (988, 2420), (993, 2435), (995, 2441), (996, 2444), (1007, 2459), (1020, 2468), (1062, 2537), (1082, 2567), (1084, 2576), (1112, 2609), (1140, 2642), (1176, 2669), (1202, 2702), (1219, 2729), (1222, 2732), (1235, 2753), (1246, 2777), (1251, 2786), (1253, 2789), (1284, 2846),

Gene: Millski_11 Start: 6887, Stop: 8584, Start Num: 104
Candidate Starts for Millski_11:
(Start: 104 @6887 has 125 MA's), (Start: 126 @6911 has 206 MA's), (Start: 239 @7034 has 2 MA's), (339, 7124), (363, 7157), (426, 7256), (473, 7340), (476, 7343), (503, 7382), (558, 7451), (569, 7475), (593, 7541), (634, 7631), (720, 7796), (778, 7883), (798, 7916), (864, 7982), (913, 8054), (915, 8057), (928, 8081), (980, 8132), (988, 8147), (1007, 8186), (1026, 8207), (1096, 8303), (1269, 8540), (1292, 8570), (1294, 8573),

Gene: MillySue_6 Start: 1935, Stop: 3632, Start Num: 197
Candidate Starts for MillySue_6:

(171, 1902), (Start: 197 @1935 has 23 MA's), (282, 2055), (Start: 300 @2076 has 12 MA's), (312, 2091), (330, 2124), (374, 2166), (377, 2169), (400, 2214), (409, 2232), (412, 2235), (455, 2310), (489, 2358), (491, 2361), (554, 2415), (607, 2529), (635, 2586), (636, 2589), (643, 2610), (680, 2685), (815, 2907), (829, 2922), (873, 2988), (876, 2994), (878, 2997), (879, 3000), (904, 3060), (908, 3069), (914, 3093), (943, 3132), (963, 3150), (986, 3192), (1015, 3225), (1038, 3264), (1096, 3306), (1126, 3348), (1203, 3423), (1205, 3426), (1208, 3432), (1242, 3483), (1246, 3495), (1267, 3537), (1318, 3621),

Gene: Milomuff_4 Start: 1046, Stop: 2674, Start Num: 211
Candidate Starts for Milomuff_4:
(109, 932), (158, 986), (Start: 211 @1046 has 88 MA's), (330, 1202), (409, 1310), (459, 1394), (479, 1418), (489, 1436), (554, 1493), (585, 1544), (586, 1547), (607, 1607), (622, 1625), (632, 1655), (642, 1685), (949, 2141), (963, 2156), (1222, 2507), (1249, 2555), (1318, 2663),

Gene: Min1_37 Start: 17540, Stop: 19132, Start Num: 217
Candidate Starts for Min1_37:
(Start: 217 @17540 has 209 MA's), (228, 17555), (282, 17624), (330, 17693), (377, 17738), (379, 17741), (414, 17807), (448, 17888), (456, 17906), (494, 17960), (609, 18161), (636, 18215), (726, 18311), (778, 18368), (786, 18386), (829, 18434), (908, 18566), (927, 18605), (962, 18638), (977, 18668), (1031, 18746), (1061, 18785), (1189, 18914), (1244, 19001),

Gene: MinecraftSteve_15 Start: 6808, Stop: 8505, Start Num: 103
Candidate Starts for MinecraftSteve_15:
(Start: 103 @6808 has 278 MA's), (121, 6826), (292, 6988), (406, 7144), (445, 7213), (476, 7267), (558, 7375), (571, 7402), (593, 7465), (603, 7489), (928, 8005), (988, 8068), (1015, 8110), (1096, 8224), (1196, 8329), (1269, 8461), (1290, 8488), (1292, 8491), (1294, 8494),

Gene: MiniBagel_7 Start: 4800, Stop: 6539, Start Num: 217
Candidate Starts for MiniBagel_7:
(Start: 217 @4800 has 209 MA's), (287, 4899), (353, 5019), (426, 5118), (446, 5160), (458, 5190), (482, 5220), (504, 5268), (525, 5289), (580, 5391), (604, 5460), (616, 5484), (621, 5496), (647, 5574), (680, 5646), (713, 5721), (728, 5745), (791, 5850), (804, 5874), (868, 5955), (897, 6003), (949, 6069), (967, 6087), (970, 6093), (1000, 6156), (1003, 6159), (1146, 6363), (1182, 6387), (1196, 6399), (1244, 6489), (1246, 6492),

Gene: MiniLon_5 Start: 1196, Stop: 2761, Start Num: 149
Candidate Starts for MiniLon_5:
(Start: 149 @1196 has 70 MA's), (Start: 155 @1202 has 82 MA's), (284, 1373), (374, 1478), (381, 1490), (476, 1646), (484, 1655), (486, 1658), (488, 1661), (550, 1736), (582, 1790), (584, 1793), (585, 1796), (669, 1985), (688, 2027), (737, 2102), (753, 2123), (757, 2129), (808, 2198), (866, 2240), (873, 2249), (876, 2255), (963, 2369), (988, 2408), (990, 2414), (1031, 2480), (1078, 2534), (1111, 2570), (1118, 2582), (1155, 2621), (1228, 2708), (1252, 2753), (1254, 2756),

Gene: MiniMac_5 Start: 1196, Stop: 2761, Start Num: 149
Candidate Starts for MiniMac_5:
(Start: 149 @1196 has 70 MA's), (Start: 155 @1202 has 82 MA's), (284, 1373), (374, 1478), (381, 1490), (476, 1646), (484, 1655), (486, 1658), (488, 1661), (550, 1736), (582, 1790), (584, 1793), (585, 1796), (688, 2027), (737, 2102), (753, 2123), (757, 2129), (808, 2198), (848, 2222), (866, 2240), (873, 2249), (876, 2255), (963, 2369), (988, 2408), (990, 2414), (1031, 2480), (1078, 2534), (1111, 2570), (1118, 2582), (1155, 2621), (1228, 2708), (1252, 2753), (1254, 2756),

Gene: MiniMommy_2 Start: 550, Stop: 2277, Start Num: 103
Candidate Starts for MiniMommy_2:

(61, 490), (Start: 103 @550 has 278 MA's), (Start: 224 @661 has 17 MA's), (434, 934), (462, 985), (476, 1003), (489, 1021), (512, 1051), (572, 1144), (930, 1720), (1038, 1873), (1096, 1948), (1106, 1963), (1196, 2092), (1256, 2200), (1298, 2263),

Gene: Minima_3 Start: 1074, Stop: 2534, Start Num: 193
Candidate Starts for Minima_3:
(Start: 193 @1074 has 146 MA's), (Start: 198 @1080 has 6 MA's), (325, 1242), (330, 1251), (377, 1311), (415, 1380), (431, 1401), (455, 1452), (606, 1656), (744, 1869), (753, 1884), (777, 1920), (804, 1962), (832, 1995), (840, 2013), (923, 2133), (925, 2136), (936, 2148), (990, 2223), (1031, 2286), (1044, 2304), (1045, 2307), (1186, 2469), (1199, 2478), (1205, 2487), (1232, 2526),

Gene: MinionDave_3 Start: 1235, Stop: 2872, Start Num: 126
Candidate Starts for MinionDave_3:
(Start: 126 @1235 has 206 MA's), (Start: 139 @1250 has 1 MA's), (Start: 147 @1259 has 3 MA's), (153, 1265), (Start: 184 @1292 has 3 MA's), (Start: 217 @1316 has 209 MA's), (Start: 219 @1319 has 2 MA's), (271, 1382), (291, 1400), (310, 1421), (372, 1508), (375, 1514), (419, 1568), (433, 1580), (442, 1592), (445, 1601), (447, 1604), (454, 1625), (467, 1646), (482, 1661), (519, 1718), (543, 1757), (580, 1826), (584, 1832), (597, 1862), (598, 1865), (603, 1874), (612, 1889), (621, 1907), (638, 1958), (695, 2060), (845, 2231), (859, 2243), (872, 2261), (915, 2327), (934, 2357), (937, 2360), (940, 2363), (988, 2420), (993, 2435), (995, 2441), (996, 2444), (1007, 2459), (1020, 2468), (1062, 2537), (1082, 2567), (1084, 2576), (1112, 2609), (1140, 2642), (1176, 2669), (1202, 2702), (1219, 2729), (1222, 2732), (1235, 2753), (1246, 2777), (1251, 2786), (1253, 2789), (1284, 2846),

Gene: Minispark_10 Start: 6185, Stop: 7972, Start Num: 103
Candidate Starts for Minispark_10:
(Start: 103 @6185 has 278 MA's), (Start: 231 @6314 has 26 MA's), (288, 6413), (406, 6575), (422, 6608), (445, 6647), (476, 6701), (503, 6740), (558, 6812), (593, 6902), (603, 6926), (663, 7043), (673, 7058), (727, 7166), (776, 7241), (839, 7340), (869, 7373), (920, 7457), (936, 7478), (980, 7520), (988, 7535), (992, 7547), (1007, 7574), (1026, 7595), (1061, 7649), (1096, 7691), (1182, 7781), (1198, 7799), (1230, 7850), (1269, 7928), (1290, 7955), (1292, 7958),

Gene: Minnie_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Minnie_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: MintFen_2 Start: 360, Stop: 1928, Start Num: 163
Candidate Starts for MintFen_2:
(59, 255), (Start: 163 @360 has 37 MA's), (251, 444), (269, 477), (313, 519), (Start: 324 @537 has 4 MA's), (334, 552), (362, 573), (377, 594), (396, 633), (431, 693), (451, 729), (454, 741), (491, 786), (498, 795), (522, 822), (584, 900), (630, 1005), (637, 1020), (642, 1035), (702, 1113), (736, 1164), (837, 1320), (869, 1359), (898, 1398), (923, 1443), (963, 1488), (965, 1491), (968, 1497), (984, 1518), (989, 1527), (990, 1530), (1005, 1560), (1026, 1584), (1033, 1599), (1118, 1701), (1148, 1743), (1156, 1758), (1176, 1779), (1188, 1794), (1251, 1890), (1262, 1902), (1269, 1911), (1273, 1917),

Gene: Miramae_11 Start: 6847, Stop: 8535, Start Num: 102

Candidate Starts for Miramae_11:
(Start: 102 @6847 has 391 MA's), (363, 7108), (473, 7291), (476, 7294), (503, 7333), (558, 7402), (569, 7426), (584, 7456), (593, 7492), (634, 7582), (720, 7747), (751, 7792), (778, 7834), (798, 7867), (864, 7933), (915, 8008), (928, 8032), (988, 8098), (1007, 8137), (1026, 8158), (1096, 8254), (1269, 8491), (1292, 8521), (1294, 8524),

Gene: Mireles_4 Start: 1134, Stop: 2663, Start Num: 215
Candidate Starts for Mireles_4:
(Start: 215 @1134 has 6 MA's), (249, 1179), (409, 1392), (483, 1509), (599, 1719), (605, 1731), (613, 1746), (631, 1788), (637, 1806), (710, 1944), (767, 2031), (828, 2118), (866, 2157), (893, 2190), (1028, 2388), (1033, 2397), (1224, 2607),

Gene: MirimarMandM_3 Start: 1104, Stop: 2564, Start Num: 193
Candidate Starts for MirimarMandM_3:
(Start: 193 @1104 has 146 MA's), (Start: 198 @1110 has 6 MA's), (325, 1272), (330, 1281), (377, 1341), (415, 1410), (431, 1431), (451, 1467), (455, 1482), (606, 1686), (669, 1821), (744, 1899), (753, 1914), (765, 1932), (777, 1950), (804, 1992), (832, 2025), (840, 2043), (923, 2163), (925, 2166), (936, 2178), (943, 2190), (990, 2253), (1028, 2310), (1031, 2316), (1038, 2325), (1044, 2334), (1045, 2337), (1186, 2499), (1199, 2508), (1205, 2517), (1232, 2556),

Gene: Misaeng_5 Start: 3319, Stop: 4710, Start Num: 300
Candidate Starts for Misaeng_5:
(Start: 155 @3145 has 82 MA's), (Start: 300 @3319 has 12 MA's), (Start: 324 @3355 has 4 MA's), (374, 3409), (380, 3418), (396, 3451), (404, 3466), (409, 3475), (489, 3601), (573, 3715), (584, 3730), (586, 3736), (607, 3796), (636, 3856), (719, 3922), (740, 3955), (759, 3985), (768, 4000), (786, 4033), (797, 4048), (883, 4168), (892, 4183), (953, 4276), (977, 4312), (1030, 4387), (1044, 4408), (1093, 4429), (1141, 4498), (1222, 4576), (1244, 4615), (1264, 4645), (1272, 4657), (1308, 4696), (1315, 4705),

Gene: Miskis_28 Start: 8458, Stop: 10206, Start Num: 127
Candidate Starts for Miskis_28:
(Start: 127 @8458 has 26 MA's), (153, 8488), (277, 8614), (280, 8617), (419, 8803), (433, 8842), (447, 8866), (478, 8914), (496, 8941), (511, 8971), (619, 9163), (627, 9181), (704, 9343), (756, 9391), (766, 9406), (901, 9589), (905, 9595), (957, 9679), (991, 9766), (1016, 9799), (1084, 9913), (1115, 9949), (1134, 9973), (1159, 9988), (1273, 10162), (1278, 10168),

Gene: Misomonster_15 Start: 7040, Stop: 8740, Start Num: 104
Candidate Starts for Misomonster_15:
(Start: 104 @7040 has 125 MA's), (151, 7088), (292, 7223), (426, 7415), (476, 7502), (593, 7700), (634, 7790), (671, 7853), (760, 8015), (915, 8213), (928, 8237), (930, 8240), (988, 8303), (995, 8324), (1026, 8363), (1096, 8459), (1134, 8513), (1182, 8549), (1269, 8696), (1292, 8726), (1294, 8729),

Gene: MissRona_2 Start: 361, Stop: 1959, Start Num: 163
Candidate Starts for MissRona_2:
(Start: 113 @334 has 24 MA's), (Start: 163 @361 has 37 MA's), (269, 475), (275, 484), (313, 517), (Start: 324 @535 has 4 MA's), (334, 550), (362, 571), (377, 592), (404, 646), (409, 655), (431, 691), (451, 727), (454, 739), (489, 781), (491, 784), (630, 1003), (637, 1018), (642, 1033), (643, 1036), (702, 1111), (736, 1162), (837, 1318), (855, 1339), (857, 1342), (914, 1429), (923, 1441), (952, 1474), (953, 1477), (984, 1516), (988, 1522), (989, 1525), (1031, 1594), (1033, 1597), (1085, 1657), (1087, 1660), (1093, 1669), (1148, 1738), (1156, 1753), (1287, 1942),

Gene: MissSwiss_2 Start: 551, Stop: 2257, Start Num: 103
Candidate Starts for MissSwiss_2:

(Start: 103 @551 has 278 MA's), (203, 617), (444, 923), (476, 980), (512, 1028), (572, 1118), (584, 1142), (596, 1172), (646, 1292), (800, 1505), (828, 1544), (1064, 1886), (1096, 1922), (1106, 1937), (1119, 1955), (1196, 2072), (1251, 2168), (1256, 2180),

Gene: MissWhite_12 Start: 6502, Stop: 8256, Start Num: 103
Candidate Starts for MissWhite_12:
(Start: 103 @6502 has 278 MA's), (Start: 239 @6646 has 2 MA's), (288, 6733), (350, 6820), (473, 7015), (476, 7018), (503, 7057), (558, 7126), (593, 7216), (603, 7240), (646, 7339), (647, 7342), (671, 7369), (673, 7372), (861, 7657), (915, 7732), (920, 7744), (928, 7756), (980, 7804), (988, 7819), (1026, 7879), (1086, 7963), (1096, 7975), (1269, 8212), (1290, 8239), (1292, 8242), (1294, 8245),

Gene: MisterCuddles_2 Start: 573, Stop: 2210, Start Num: 126
Candidate Starts for MisterCuddles_2:
(Start: 126 @573 has 206 MA's), (133, 582), (Start: 147 @597 has 3 MA's), (Start: 176 @618 has 83 MA's), (Start: 217 @654 has 209 MA's), (Start: 219 @657 has 2 MA's), (Start: 231 @675 has 26 MA's), (271, 720), (310, 759), (372, 846), (419, 906), (442, 930), (445, 939), (447, 942), (454, 963), (467, 984), (482, 999), (519, 1056), (543, 1095), (580, 1164), (584, 1170), (597, 1200), (598, 1203), (603, 1212), (612, 1227), (621, 1245), (638, 1296), (689, 1389), (695, 1398), (845, 1569), (859, 1581), (915, 1665), (934, 1695), (937, 1698), (940, 1701), (988, 1758), (993, 1773), (995, 1779), (996, 1782), (1007, 1797), (1020, 1806), (1062, 1875), (1082, 1905), (1084, 1914), (1112, 1947), (1140, 1980), (1176, 2007), (1202, 2040), (1222, 2070), (1235, 2091), (1246, 2115), (1251, 2124), (1253, 2127), (1284, 2184),

Gene: MkaliMitinis3_4 Start: 1069, Stop: 2637, Start Num: 149
Candidate Starts for MkaliMitinis3_4:
(Start: 149 @1069 has 70 MA's), (Start: 155 @1075 has 82 MA's), (271, 1231), (484, 1528), (488, 1534), (533, 1594), (582, 1666), (585, 1672), (636, 1792), (659, 1840), (684, 1894), (700, 1918), (728, 1963), (733, 1969), (753, 1999), (757, 2005), (777, 2032), (782, 2041), (848, 2098), (855, 2104), (873, 2125), (876, 2131), (925, 2206), (927, 2209), (963, 2245), (990, 2290), (1031, 2356), (1093, 2431), (1114, 2449), (1118, 2458), (1241, 2605), (1252, 2629), (1254, 2632),

Gene: Mkhuseli_12 Start: 7342, Stop: 8766, Start Num: 363
Candidate Starts for Mkhuseli_12:
(Start: 108 @7078 has 24 MA's), (Start: 302 @7258 has 3 MA's), (363, 7342), (380, 7369), (383, 7378), (476, 7528), (500, 7561), (558, 7636), (593, 7726), (603, 7750), (621, 7777), (637, 7825), (720, 7981), (760, 8041), (930, 8266), (939, 8275), (952, 8287), (988, 8329), (995, 8350), (1020, 8377), (1096, 8485), (1182, 8575), (1246, 8680),

Gene: Mocha12_2 Start: 318, Stop: 1889, Start Num: 134
Candidate Starts for Mocha12_2:
(Start: 134 @318 has 105 MA's), (251, 426), (281, 474), (313, 504), (332, 537), (397, 621), (402, 630), (431, 666), (461, 726), (550, 816), (596, 912), (607, 936), (630, 978), (654, 1032), (679, 1071), (736, 1137), (741, 1149), (760, 1179), (783, 1212), (837, 1293), (873, 1338), (876, 1344), (895, 1365), (950, 1455), (986, 1500), (989, 1506), (1003, 1536), (1005, 1539), (1044, 1593), (1078, 1629), (1120, 1680), (1162, 1740), (1164, 1743), (1200, 1785), (1266, 1872),

Gene: Modragons_2 Start: 578, Stop: 2218, Start Num: 117
Candidate Starts for Modragons_2:
(Start: 117 @578 has 12 MA's), (Start: 126 @581 has 206 MA's), (Start: 147 @605 has 3 MA's), (Start: 184 @638 has 3 MA's), (Start: 217 @662 has 209 MA's), (Start: 219 @665 has 2 MA's), (271, 728), (310, 767), (372, 854), (375, 860), (419, 914), (442, 938), (445, 947), (447, 950), (454, 971), (467, 992), (519, 1064), (543, 1103), (580, 1172), (584, 1178), (597, 1208), (598, 1211), (603, 1220), (612, 1235), (621, 1253), (638, 1304), (689, 1397), (695, 1406), (845, 1577), (859, 1589), (915, 1673), (934, 1703), (937, 1706), (940, 1709), (988, 1766), (993, 1781), (995, 1787), (996, 1790), (1007, 1805), (1020,

1814), (1062, 1883), (1082, 1913), (1084, 1922), (1112, 1955), (1140, 1988), (1176, 2015), (1202, 2048), (1214, 2069), (1219, 2075), (1222, 2078), (1235, 2099), (1246, 2123), (1251, 2132), (1253, 2135), (1284, 2192),

Gene: Moki_2 Start: 426, Stop: 1991, Start Num: 155
Candidate Starts for Moki_2:
(Start: 155 @426 has 82 MA's), (Start: 324 @636 has 4 MA's), (379, 696), (396, 732), (401, 741), (409, 756), (414, 762), (430, 780), (540, 942), (554, 963), (607, 1077), (636, 1137), (719, 1203), (740, 1236), (759, 1266), (768, 1281), (815, 1362), (880, 1440), (883, 1449), (1020, 1647), (1044, 1689), (1096, 1713), (1126, 1755), (1222, 1857),

Gene: Moldemort_9 Start: 2465, Stop: 4135, Start Num: 301
Candidate Starts for Moldemort_9:
(Start: 301 @2465 has 48 MA's), (344, 2528), (479, 2762), (548, 2864), (632, 3044), (641, 3068), (650, 3086), (663, 3098), (694, 3161), (698, 3173), (725, 3218), (734, 3233), (784, 3311), (811, 3356), (845, 3410), (851, 3416), (917, 3530), (994, 3674), (1019, 3710), (1118, 3863), (1129, 3875), (1175, 3932), (1205, 3968), (1235, 4019), (1251, 4055), (1253, 4058), (1294, 4124),

Gene: Molivier_4 Start: 1069, Stop: 2643, Start Num: 149
Candidate Starts for Molivier_4:
(Start: 149 @1069 has 70 MA's), (Start: 155 @1075 has 82 MA's), (271, 1231), (484, 1528), (488, 1534), (582, 1672), (585, 1678), (591, 1699), (599, 1723), (636, 1798), (659, 1846), (684, 1900), (700, 1924), (728, 1969), (733, 1975), (753, 2005), (757, 2011), (777, 2038), (782, 2047), (848, 2104), (855, 2110), (873, 2131), (876, 2137), (927, 2215), (963, 2251), (968, 2260), (990, 2296), (1031, 2362), (1093, 2437), (1114, 2455), (1118, 2464), (1241, 2611), (1252, 2635), (1254, 2638),

Gene: Molly_12 Start: 6777, Stop: 8465, Start Num: 102
Candidate Starts for Molly_12:
(Start: 102 @6777 has 391 MA's), (Start: 302 @6957 has 3 MA's), (363, 7041), (383, 7077), (406, 7104), (456, 7200), (476, 7227), (500, 7260), (558, 7335), (593, 7425), (603, 7449), (621, 7476), (637, 7524), (679, 7593), (720, 7680), (760, 7740), (930, 7965), (939, 7974), (952, 7986), (988, 8028), (995, 8049), (1020, 8076), (1096, 8184), (1182, 8274), (1246, 8379),

Gene: Mollymur_13 Start: 6996, Stop: 8732, Start Num: 127
Candidate Starts for Mollymur_13:
(Start: 127 @6996 has 26 MA's), (Start: 205 @7068 has 7 MA's), (370, 7257), (428, 7368), (447, 7404), (505, 7500), (593, 7644), (604, 7671), (627, 7719), (637, 7752), (758, 7926), (787, 7971), (905, 8124), (1084, 8442), (1216, 8586), (1251, 8646),

Gene: Monet_13 Start: 7974, Stop: 9662, Start Num: 108
Candidate Starts for Monet_13:
(Start: 108 @7974 has 24 MA's), (Start: 302 @8154 has 3 MA's), (363, 8238), (380, 8265), (383, 8274), (476, 8424), (500, 8457), (558, 8532), (593, 8622), (603, 8646), (621, 8673), (637, 8721), (679, 8790), (720, 8877), (760, 8937), (930, 9162), (939, 9171), (952, 9183), (988, 9225), (995, 9246), (1020, 9273), (1096, 9381), (1182, 9471), (1246, 9576),

Gene: MoneyMay_13 Start: 6955, Stop: 8655, Start Num: 104
Candidate Starts for MoneyMay_13:
(Start: 104 @6955 has 125 MA's), (151, 7003), (292, 7138), (426, 7330), (476, 7417), (501, 7453), (593, 7615), (634, 7705), (671, 7768), (760, 7930), (915, 8128), (928, 8152), (930, 8155), (988, 8218), (995, 8239), (1026, 8278), (1096, 8374), (1134, 8428), (1182, 8464), (1269, 8611), (1292, 8641), (1294, 8644),

Gene: Monse_7 Start: 2710, Stop: 4455, Start Num: 217
Candidate Starts for Monse_7:
(Start: 217 @2710 has 209 MA's), (222, 2716), (287, 2809), (353, 2929), (393, 2995), (446, 3076), (458, 3106), (504, 3184), (525, 3205), (561, 3274), (604, 3376), (621, 3412), (653, 3502), (680, 3562), (728, 3661), (731, 3667), (804, 3790), (859, 3862), (967, 4003), (995, 4063), (1000, 4072), (1003, 4075), (1038, 4126), (1068, 4168), (1101, 4213), (1161, 4282), (1182, 4303), (1196, 4315), (1207, 4333), (1242, 4396), (1244, 4405), (1246, 4408),

Gene: Montavir_12 Start: 6957, Stop: 8657, Start Num: 104
Candidate Starts for Montavir_12:
(Start: 104 @6957 has 125 MA's), (151, 7005), (292, 7140), (426, 7332), (476, 7419), (593, 7617), (634, 7707), (671, 7770), (760, 7932), (915, 8130), (928, 8154), (930, 8157), (988, 8220), (995, 8241), (1026, 8280), (1096, 8376), (1134, 8430), (1182, 8466), (1269, 8613), (1292, 8643), (1294, 8646),

Gene: Moonbeam_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for Moonbeam_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 176 @617 has 83 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (Start: 231 @674 has 26 MA's), (271, 719), (310, 758), (372, 845), (375, 851), (419, 905), (433, 917), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (689, 1388), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1140, 1979), (1176, 2006), (1202, 2039), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: Moonflower_2 Start: 585, Stop: 2195, Start Num: 175
Candidate Starts for Moonflower_2:
(Start: 175 @585 has 14 MA's), (331, 768), (431, 903), (454, 951), (509, 1023), (607, 1176), (630, 1218), (642, 1248), (698, 1353), (702, 1362), (752, 1443), (754, 1446), (766, 1464), (794, 1509), (815, 1542), (835, 1569), (893, 1647), (952, 1734), (969, 1758), (1030, 1851), (1031, 1854), (1044, 1872), (1118, 1956), (1240, 2130),

Gene: Moose_10 Start: 7010, Stop: 8698, Start Num: 102
Candidate Starts for Moose_10:
(Start: 102 @7010 has 391 MA's), (Start: 302 @7190 has 3 MA's), (363, 7274), (383, 7310), (476, 7460), (558, 7568), (593, 7658), (603, 7682), (637, 7757), (679, 7826), (720, 7913), (760, 7973), (939, 8207), (952, 8219), (988, 8261), (995, 8282), (1020, 8309), (1096, 8417), (1182, 8507), (1246, 8612),

Gene: Mooshroom_8 Start: 3841, Stop: 5601, Start Num: 211
Candidate Starts for Mooshroom_8:
(172, 3793), (Start: 211 @3841 has 88 MA's), (Start: 217 @3847 has 209 MA's), (280, 3940), (287, 3946), (402, 4138), (446, 4213), (458, 4243), (482, 4273), (504, 4321), (523, 4339), (525, 4342), (547, 4384), (604, 4513), (680, 4699), (728, 4798), (770, 4870), (804, 4927), (859, 5005), (868, 5017), (949, 5131), (967, 5149), (990, 5194), (1000, 5218), (1003, 5221), (1030, 5260), (1131, 5401), (1179, 5446), (1182, 5449), (1196, 5461), (1226, 5509), (1242, 5542), (1244, 5551), (1246, 5554),

Gene: Moostard_5 Start: 1186, Stop: 2751, Start Num: 149
Candidate Starts for Moostard_5:
(Start: 149 @1186 has 70 MA's), (Start: 155 @1192 has 82 MA's), (284, 1363), (374, 1468), (381, 1480), (476, 1636), (484, 1645), (486, 1648), (488, 1651), (550, 1726), (582, 1780), (584, 1783), (585, 1786), (688, 2017), (737, 2092), (753, 2113), (757, 2119), (808, 2188), (848, 2212), (866, 2230), (876, 2245), (963, 2359), (988, 2398), (990, 2404), (1031, 2470), (1111, 2560), (1118, 2572), (1155, 2611),

(1228, 2698), (1252, 2743), (1254, 2746),

Gene: Moozy_7 Start: 2667, Stop: 4412, Start Num: 217
Candidate Starts for Moozy_7:
(Start: 217 @2667 has 209 MA's), (222, 2673), (252, 2721), (280, 2760), (287, 2766), (353, 2886), (402, 2958), (458, 3063), (504, 3141), (523, 3159), (525, 3162), (561, 3231), (580, 3264), (596, 3315), (604, 3333), (616, 3357), (639, 3426), (680, 3519), (731, 3624), (804, 3747), (859, 3819), (967, 3960), (1000, 4029), (1003, 4032), (1101, 4170), (1161, 4239), (1182, 4260), (1184, 4263), (1196, 4272), (1207, 4290), (1226, 4320), (1244, 4362), (1246, 4365),

Gene: Morpher26_11 Start: 6893, Stop: 8590, Start Num: 102
Candidate Starts for Morpher26_11:
(Start: 102 @6893 has 391 MA's), (Start: 126 @6917 has 206 MA's), (363, 7163), (473, 7346), (476, 7349), (503, 7388), (558, 7457), (569, 7481), (593, 7547), (634, 7637), (720, 7802), (778, 7889), (888, 8015), (915, 8063), (928, 8087), (988, 8153), (1007, 8192), (1026, 8213), (1096, 8309), (1267, 8543), (1269, 8546), (1292, 8576), (1294, 8579),

Gene: Morrey_4 Start: 1243, Stop: 2838, Start Num: 194
Candidate Starts for Morrey_4:
(Start: 194 @1243 has 13 MA's), (396, 1501), (409, 1525), (414, 1531), (607, 1822), (627, 1852), (643, 1903), (647, 1912), (734, 2014), (740, 2026), (832, 2149), (914, 2278), (1063, 2506), (1101, 2548), (1306, 2827),

Gene: Morrissey_2 Start: 537, Stop: 2093, Start Num: 195
Candidate Starts for Morrissey_2:
(Start: 195 @537 has 7 MA's), (222, 564), (312, 678), (395, 792), (409, 819), (476, 927), (483, 939), (494, 954), (551, 1002), (554, 1005), (584, 1053), (605, 1116), (635, 1176), (636, 1179), (750, 1293), (759, 1308), (836, 1410), (840, 1416), (859, 1443), (873, 1461), (906, 1509), (908, 1515), (923, 1548), (962, 1587), (963, 1590), (1032, 1722), (1093, 1791), (1096, 1794), (1108, 1812), (1133, 1848), (1184, 1905), (1203, 1929), (1308, 2085),

Gene: Morrow_11 Start: 6887, Stop: 8584, Start Num: 104
Candidate Starts for Morrow_11:
(26, 6707), (32, 6725), (36, 6755), (Start: 104 @6887 has 125 MA's), (Start: 126 @6911 has 206 MA's), (Start: 239 @7034 has 2 MA's), (339, 7124), (363, 7157), (473, 7340), (476, 7343), (503, 7382), (558, 7451), (569, 7475), (593, 7541), (634, 7631), (720, 7796), (778, 7883), (798, 7916), (864, 7982), (913, 8054), (915, 8057), (928, 8081), (980, 8132), (988, 8147), (1007, 8186), (1026, 8207), (1096, 8303), (1269, 8540), (1292, 8570), (1294, 8573),

Gene: MortyNRick_2 Start: 486, Stop: 2147, Start Num: 176
Candidate Starts for MortyNRick_2:
(Start: 53 @324 has 20 MA's), (68, 357), (Start: 70 @360 has 1 MA's), (Start: 105 @411 has 1 MA's), (Start: 113 @420 has 24 MA's), (Start: 142 @453 has 1 MA's), (Start: 176 @486 has 83 MA's), (Start: 224 @537 has 17 MA's), (Start: 231 @549 has 26 MA's), (250, 576), (292, 597), (343, 666), (350, 681), (380, 720), (394, 747), (406, 756), (407, 759), (426, 792), (442, 825), (443, 828), (450, 843), (468, 879), (471, 882), (476, 888), (489, 903), (491, 906), (515, 942), (558, 996), (582, 1047), (593, 1071), (634, 1158), (665, 1218), (673, 1227), (687, 1263), (706, 1299), (730, 1341), (762, 1395), (778, 1419), (791, 1443), (849, 1503), (863, 1509), (908, 1572), (928, 1626), (943, 1644), (988, 1701), (992, 1713), (1007, 1740), (1064, 1821), (1091, 1851), (1119, 1890), (1140, 1914), (1185, 1950), (1196, 1962), (1198, 1965), (1251, 2058), (1253, 2061), (1261, 2079), (1279, 2100), (1300, 2121), (1313, 2136),

Gene: MosMoris_33 Start: 10300, Stop: 12042, Start Num: 176
Candidate Starts for MosMoris_33:

(Start: 176 @10300 has 83 MA's), (292, 10417), (325, 10462), (354, 10528), (358, 10543), (379, 10576), (380, 10579), (388, 10594), (407, 10618), (409, 10621), (426, 10651), (436, 10672), (443, 10690), (447, 10699), (463, 10735), (476, 10750), (507, 10795), (543, 10837), (565, 10876), (572, 10888), (582, 10909), (604, 10960), (621, 10981), (747, 11203), (814, 11308), (821, 11317), (871, 11350), (890, 11371), (892, 11374), (908, 11401), (915, 11431), (920, 11443), (930, 11458), (939, 11467), (943, 11473), (971, 11515), (983, 11524), (990, 11539), (995, 11554), (1038, 11614), (1061, 11653), (1089, 11686), (1112, 11716), (1115, 11719), (1163, 11803), (1196, 11857), (1205, 11872), (1224, 11899), (1251, 11953), (1309, 12025), (1311, 12028),

Gene: Moss_2 Start: 594, Stop: 2282, Start Num: 122
Candidate Starts for Moss_2:
(Start: 122 @594 has 16 MA's), (434, 939), (450, 963), (476, 1008), (541, 1095), (572, 1149), (591, 1188), (646, 1323), (705, 1425), (887, 1647), (915, 1698), (1064, 1917), (1096, 1953), (1106, 1968), (1251, 2193), (1256, 2205), (1265, 2220), (1300, 2271),

Gene: Mossy_14 Start: 8374, Stop: 10119, Start Num: 217
Candidate Starts for Mossy_14:
(Start: 217 @8374 has 209 MA's), (222, 8380), (280, 8467), (287, 8473), (315, 8509), (343, 8563), (357, 8596), (438, 8722), (504, 8848), (523, 8866), (525, 8869), (561, 8938), (604, 9040), (628, 9097), (653, 9166), (680, 9226), (728, 9325), (731, 9331), (748, 9361), (765, 9388), (804, 9454), (868, 9535), (940, 9640), (949, 9649), (961, 9655), (982, 9691), (991, 9715), (1000, 9736), (1003, 9739), (1131, 9919), (1182, 9967), (1196, 9979), (1207, 9997), (1244, 10069), (1246, 10072),

Gene: MrAaronian_8 Start: 3618, Stop: 5366, Start Num: 217
Candidate Starts for MrAaronian_8:
(Start: 200 @3600 has 5 MA's), (Start: 217 @3618 has 209 MA's), (280, 3711), (287, 3717), (325, 3774), (353, 3837), (458, 4014), (504, 4092), (525, 4113), (580, 4215), (604, 4284), (611, 4299), (628, 4341), (680, 4470), (713, 4545), (728, 4569), (791, 4674), (804, 4698), (868, 4782), (949, 4896), (967, 4914), (1000, 4983), (1003, 4986), (1038, 5037), (1068, 5079), (1131, 5166), (1161, 5193), (1182, 5214), (1196, 5226), (1207, 5244), (1246, 5319),

Gene: MrBoss_5 Start: 3243, Stop: 4625, Start Num: 306
Candidate Starts for MrBoss_5:
(Start: 155 @3057 has 82 MA's), (306, 3243), (325, 3273), (374, 3324), (381, 3336), (396, 3366), (409, 3390), (430, 3414), (489, 3516), (554, 3597), (584, 3645), (607, 3711), (632, 3759), (635, 3768), (740, 3870), (759, 3900), (836, 4026), (905, 4119), (953, 4191), (977, 4227), (1044, 4323), (1126, 4389), (1164, 4419), (1169, 4425), (1222, 4491), (1308, 4611),

Gene: MrGloopy_5 Start: 3066, Stop: 4631, Start Num: 155
Candidate Starts for MrGloopy_5:
(Start: 155 @3066 has 82 MA's), (Start: 324 @3276 has 4 MA's), (325, 3279), (374, 3330), (404, 3387), (409, 3396), (430, 3420), (573, 3636), (582, 3648), (584, 3651), (586, 3657), (607, 3717), (636, 3777), (640, 3789), (740, 3876), (759, 3906), (768, 3921), (815, 4002), (880, 4080), (883, 4089), (905, 4125), (923, 4164), (953, 4197), (963, 4206), (977, 4233), (1020, 4287), (1044, 4329), (1111, 4374), (1126, 4395), (1141, 4419), (1222, 4497), (1308, 4617),

Gene: MrGordo_11 Start: 6729, Stop: 8417, Start Num: 102
Candidate Starts for MrGordo_11:
(Start: 102 @6729 has 391 MA's), (363, 6993), (379, 7017), (476, 7179), (500, 7212), (558, 7287), (593, 7377), (603, 7401), (621, 7428), (637, 7476), (679, 7545), (720, 7632), (760, 7692), (939, 7926), (952, 7938), (988, 7980), (995, 8001), (1020, 8028), (1096, 8136), (1182, 8226), (1246, 8331),

Gene: MrGreen_3 Start: 1092, Stop: 2552, Start Num: 193

Candidate Starts for MrGreen_3:
(Start: 193 @1092 has 146 MA's), (Start: 198 @1098 has 6 MA's), (325, 1260), (330, 1269), (377, 1329), (415, 1398), (431, 1419), (455, 1470), (606, 1674), (669, 1809), (744, 1887), (753, 1902), (777, 1938), (804, 1980), (832, 2013), (840, 2031), (923, 2151), (925, 2154), (936, 2166), (990, 2241), (1031, 2304), (1044, 2322), (1045, 2325), (1186, 2487), (1199, 2496), (1205, 2505), (1232, 2544),

Gene: MrMagoo_18 Start: 5300, Stop: 6841, Start Num: 181
Candidate Starts for MrMagoo_18:
(Start: 181 @5300 has 21 MA's), (Start: 184 @5303 has 3 MA's), (323, 5486), (332, 5504), (371, 5537), (377, 5546), (409, 5609), (454, 5684), (582, 5837), (595, 5876), (638, 5969), (646, 5990), (733, 6137), (775, 6197), (939, 6371), (990, 6449), (1028, 6509), (1045, 6536), (1241, 6791),

Gene: Mryolo_10 Start: 6759, Stop: 8447, Start Num: 102
Candidate Starts for Mryolo_10:
(Start: 102 @6759 has 391 MA's), (Start: 302 @6939 has 3 MA's), (363, 7023), (383, 7059), (476, 7209), (558, 7317), (593, 7407), (603, 7431), (637, 7506), (643, 7524), (720, 7662), (760, 7722), (930, 7947), (939, 7956), (952, 7968), (988, 8010), (995, 8031), (1020, 8058), (1096, 8166), (1182, 8256), (1246, 8361),

Gene: Ms6_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Ms6_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: MsGreen_5 Start: 1190, Stop: 2755, Start Num: 149
Candidate Starts for MsGreen_5:
(Start: 104 @1139 has 125 MA's), (Start: 112 @1148 has 1 MA's), (Start: 149 @1190 has 70 MA's), (Start: 155 @1196 has 82 MA's), (284, 1367), (312, 1397), (374, 1472), (379, 1478), (381, 1484), (476, 1640), (484, 1649), (486, 1652), (488, 1655), (550, 1730), (582, 1784), (584, 1787), (585, 1790), (688, 2021), (737, 2096), (753, 2117), (757, 2123), (808, 2192), (848, 2216), (866, 2234), (876, 2249), (963, 2363), (988, 2402), (990, 2408), (1031, 2474), (1078, 2528), (1111, 2564), (1118, 2576), (1155, 2615), (1228, 2702), (1252, 2747), (1254, 2750),

Gene: MsUbiquitous_3 Start: 676, Stop: 2304, Start Num: 211
Candidate Starts for MsUbiquitous_3:
(Start: 211 @676 has 88 MA's), (330, 832), (409, 940), (459, 1024), (479, 1048), (554, 1123), (585, 1174), (586, 1177), (607, 1237), (622, 1255), (632, 1285), (642, 1315), (949, 1771), (963, 1786), (1222, 2137), (1318, 2293),

Gene: MuchMore_15 Start: 6949, Stop: 8649, Start Num: 104
Candidate Starts for MuchMore_15:
(Start: 104 @6949 has 125 MA's), (151, 6997), (292, 7132), (426, 7324), (476, 7411), (593, 7609), (634, 7699), (671, 7762), (760, 7924), (915, 8122), (928, 8146), (930, 8149), (988, 8212), (995, 8233), (1026, 8272), (1096, 8368), (1134, 8422), (1182, 8458), (1269, 8605), (1292, 8635), (1294, 8638),

Gene: Mudcat_8 Start: 3848, Stop: 5602, Start Num: 217

Candidate Starts for Mudcat_8:
(172, 3794), (Start: 211 @3842 has 88 MA's), (Start: 217 @3848 has 209 MA's), (280, 3941), (287, 3947), (402, 4139), (446, 4214), (458, 4244), (482, 4274), (504, 4322), (523, 4340), (525, 4343), (604, 4514), (680, 4700), (728, 4799), (770, 4871), (804, 4928), (859, 5006), (868, 5018), (944, 5129), (949, 5132), (967, 5150), (990, 5195), (1000, 5219), (1003, 5222), (1030, 5261), (1131, 5402), (1179, 5447), (1182, 5450), (1196, 5462), (1226, 5510), (1242, 5543), (1244, 5552), (1246, 5555),

Gene: Muddy_5 Start: 2008, Stop: 3672, Start Num: 176
Candidate Starts for Muddy_5:
(Start: 176 @2008 has 83 MA's), (Start: 212 @2047 has 5 MA's), (Start: 231 @2071 has 26 MA's), (350, 2200), (443, 2347), (450, 2362), (476, 2407), (507, 2455), (537, 2491), (571, 2548), (582, 2572), (597, 2608), (671, 2746), (699, 2806), (706, 2821), (729, 2860), (821, 3007), (908, 3097), (915, 3127), (992, 3232), (1064, 3340), (1091, 3370), (1112, 3397), (1119, 3409), (1170, 3445), (1171, 3448), (1234, 3541), (1261, 3598),

Gene: Mudpuppy_2 Start: 533, Stop: 2239, Start Num: 101
Candidate Starts for Mudpuppy_2:
(Start: 101 @533 has 50 MA's), (444, 905), (476, 962), (512, 1010), (572, 1100), (596, 1154), (646, 1274), (699, 1364), (828, 1526), (915, 1649), (1096, 1904), (1106, 1919), (1196, 2054), (1244, 2138), (1256, 2162),

Gene: Muglass_7 Start: 3236, Stop: 4969, Start Num: 217
Candidate Starts for Muglass_7:
(Start: 217 @3236 has 209 MA's), (Start: 244 @3275 has 5 MA's), (259, 3311), (287, 3335), (438, 3572), (446, 3590), (458, 3620), (504, 3698), (525, 3719), (561, 3788), (604, 3890), (616, 3914), (636, 3971), (647, 4004), (680, 4076), (728, 4175), (744, 4205), (770, 4247), (804, 4304), (868, 4385), (967, 4517), (1000, 4586), (1003, 4589), (1068, 4682), (1146, 4793), (1182, 4817), (1196, 4829), (1203, 4841), (1244, 4919), (1246, 4922),

Gene: Mulch_6 Start: 1978, Stop: 3408, Start Num: 329
Candidate Starts for Mulch_6:
(201, 1810), (Start: 204 @1813 has 1 MA's), (213, 1822), (Start: 329 @1978 has 15 MA's), (343, 1996), (409, 2119), (427, 2137), (448, 2176), (452, 2185), (504, 2269), (585, 2353), (588, 2368), (601, 2401), (634, 2467), (700, 2599), (819, 2788), (829, 2800), (866, 2848), (898, 2890), (928, 2941), (989, 3016), (990, 3019), (1003, 3046), (1044, 3106), (1069, 3139), (1083, 3154), (1118, 3190), (1154, 3232), (1178, 3259), (1211, 3295), (1214, 3301), (1241, 3340),

Gene: MulchSalad_2 Start: 586, Stop: 2223, Start Num: 126
Candidate Starts for MulchSalad_2:
(Start: 126 @586 has 206 MA's), (Start: 139 @601 has 1 MA's), (Start: 147 @610 has 3 MA's), (153, 616), (Start: 184 @643 has 3 MA's), (Start: 217 @667 has 209 MA's), (Start: 219 @670 has 2 MA's), (271, 733), (291, 751), (310, 772), (372, 859), (375, 865), (419, 919), (442, 943), (445, 952), (447, 955), (454, 976), (467, 997), (482, 1012), (519, 1069), (543, 1108), (580, 1177), (584, 1183), (597, 1213), (598, 1216), (603, 1225), (612, 1240), (621, 1258), (638, 1309), (670, 1360), (689, 1402), (695, 1411), (845, 1582), (859, 1594), (872, 1612), (915, 1678), (934, 1708), (937, 1711), (940, 1714), (988, 1771), (993, 1786), (995, 1792), (996, 1795), (1007, 1810), (1020, 1819), (1062, 1888), (1082, 1918), (1084, 1927), (1112, 1960), (1140, 1993), (1176, 2020), (1202, 2053), (1219, 2080), (1222, 2083), (1235, 2104), (1246, 2128), (1251, 2137), (1253, 2140), (1284, 2197),

Gene: Mulciber_12 Start: 8024, Stop: 9787, Start Num: 103
Candidate Starts for Mulciber_12:
(Start: 103 @8024 has 278 MA's), (Start: 123 @8045 has 9 MA's), (Start: 206 @8132 has 29 MA's), (288, 8261), (309, 8285), (350, 8348), (445, 8492), (473, 8543), (476, 8546), (558, 8657), (569, 8681),

(571, 8684), (593, 8747), (596, 8756), (603, 8771), (663, 8888), (673, 8903), (701, 8963), (751, 9047), (864, 9188), (920, 9275), (928, 9287), (980, 9335), (988, 9350), (1007, 9389), (1026, 9410), (1049, 9449), (1086, 9494), (1096, 9506), (1269, 9743), (1290, 9770),

Gene: Mule_11 Start: 7045, Stop: 8733, Start Num: 102
Candidate Starts for Mule_11:
(Start: 102 @7045 has 391 MA's), (363, 7309), (379, 7333), (476, 7495), (500, 7528), (558, 7603), (593, 7693), (603, 7717), (621, 7744), (637, 7792), (720, 7948), (760, 8008), (930, 8233), (939, 8242), (952, 8254), (988, 8296), (995, 8317), (1020, 8344), (1096, 8452), (1182, 8542), (1246, 8647),

Gene: Munch_12 Start: 8024, Stop: 9787, Start Num: 103
Candidate Starts for Munch_12:
(Start: 103 @8024 has 278 MA's), (Start: 123 @8045 has 9 MA's), (Start: 206 @8132 has 29 MA's), (288, 8261), (309, 8285), (350, 8348), (445, 8492), (473, 8543), (476, 8546), (558, 8657), (569, 8681), (571, 8684), (593, 8747), (596, 8756), (603, 8771), (663, 8888), (673, 8903), (701, 8963), (751, 9047), (920, 9275), (928, 9287), (980, 9335), (988, 9350), (1007, 9389), (1026, 9410), (1049, 9449), (1086, 9494), (1096, 9506), (1269, 9743), (1290, 9770),

Gene: Mundrea_11 Start: 6846, Stop: 8543, Start Num: 102
Candidate Starts for Mundrea_11:
(Start: 102 @6846 has 391 MA's), (Start: 126 @6870 has 206 MA's), (363, 7116), (473, 7299), (476, 7302), (503, 7341), (558, 7410), (569, 7434), (584, 7464), (593, 7500), (634, 7590), (720, 7755), (778, 7842), (798, 7875), (864, 7941), (913, 8013), (915, 8016), (928, 8040), (988, 8106), (1007, 8145), (1026, 8166), (1096, 8262), (1144, 8331), (1267, 8496), (1269, 8499), (1292, 8529), (1294, 8532),

Gene: MunkgeeRoachy_4 Start: 1161, Stop: 2840, Start Num: 176
Candidate Starts for MunkgeeRoachy_4:
(Start: 176 @1161 has 83 MA's), (Start: 224 @1212 has 17 MA's), (237, 1233), (Start: 239 @1236 has 2 MA's), (295, 1278), (350, 1359), (394, 1425), (406, 1434), (443, 1506), (450, 1521), (468, 1557), (476, 1566), (507, 1617), (572, 1716), (597, 1773), (619, 1806), (687, 1950), (706, 1986), (729, 2025), (747, 2058), (778, 2106), (798, 2139), (814, 2163), (863, 2196), (890, 2229), (913, 2286), (917, 2295), (984, 2379), (1038, 2466), (1112, 2562), (1185, 2634), (1196, 2646), (1265, 2766), (1311, 2826), (1313, 2829),

Gene: Murp_2 Start: 360, Stop: 1931, Start Num: 163
Candidate Starts for Murp_2:
(59, 255), (Start: 163 @360 has 37 MA's), (269, 477), (313, 519), (Start: 324 @537 has 4 MA's), (334, 552), (362, 576), (377, 597), (431, 696), (451, 732), (454, 744), (489, 786), (498, 798), (522, 825), (584, 903), (630, 1008), (637, 1023), (642, 1038), (643, 1041), (702, 1116), (736, 1167), (837, 1323), (855, 1344), (869, 1362), (873, 1368), (914, 1434), (923, 1446), (953, 1482), (984, 1521), (989, 1530), (990, 1533), (1005, 1563), (1033, 1602), (1085, 1662), (1102, 1683), (1118, 1704), (1148, 1746), (1156, 1761), (1188, 1797), (1251, 1893), (1262, 1905), (1269, 1914),

Gene: Murphy_8 Start: 2182, Stop: 3852, Start Num: 301
Candidate Starts for Murphy_8:
(Start: 301 @2182 has 48 MA's), (344, 2245), (479, 2479), (548, 2581), (632, 2761), (641, 2785), (650, 2803), (663, 2815), (694, 2878), (698, 2890), (725, 2935), (734, 2950), (784, 3028), (811, 3073), (845, 3127), (851, 3133), (917, 3247), (994, 3391), (1019, 3427), (1118, 3580), (1129, 3592), (1175, 3649), (1205, 3685), (1235, 3736), (1251, 3772), (1253, 3775), (1294, 3841),

Gene: Museum_13 Start: 7063, Stop: 8751, Start Num: 108
Candidate Starts for Museum_13:

(Start: 108 @7063 has 24 MA's), (292, 7234), (Start: 302 @7243 has 3 MA's), (363, 7327), (380, 7354), (383, 7363), (476, 7513), (500, 7546), (558, 7621), (593, 7711), (603, 7735), (621, 7762), (637, 7810), (720, 7966), (760, 8026), (930, 8251), (939, 8260), (952, 8272), (988, 8314), (995, 8335), (1020, 8362), (1096, 8470), (1182, 8560), (1246, 8665),

Gene: Mutaforma13_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Mutaforma13_2:
(Start: 126 @587 has 206 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 176 @632 has 83 MA's), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1284, 2198),

Gene: Mwanjiwa_2 Start: 628, Stop: 2208, Start Num: 184
Candidate Starts for Mwanjiwa_2:
(Start: 126 @571 has 206 MA's), (133, 580), (Start: 147 @595 has 3 MA's), (Start: 184 @628 has 3 MA's), (Start: 217 @652 has 209 MA's), (Start: 219 @655 has 2 MA's), (271, 718), (310, 757), (372, 844), (419, 904), (442, 928), (445, 937), (447, 940), (454, 961), (467, 982), (519, 1054), (543, 1093), (580, 1162), (584, 1168), (597, 1198), (598, 1201), (603, 1210), (612, 1225), (621, 1243), (638, 1294), (670, 1345), (689, 1387), (695, 1396), (845, 1567), (859, 1579), (915, 1663), (934, 1693), (937, 1696), (940, 1699), (988, 1756), (993, 1771), (995, 1777), (996, 1780), (1007, 1795), (1020, 1804), (1062, 1873), (1082, 1903), (1130, 1963), (1140, 1978), (1176, 2005), (1202, 2038), (1219, 2065), (1222, 2068), (1235, 2089), (1246, 2113), (1251, 2122), (1253, 2125), (1284, 2182),

Gene: MyraDee_9 Start: 5029, Stop: 6714, Start Num: 111
Candidate Starts for MyraDee_9:
(Start: 111 @5029 has 1 MA's), (Start: 224 @5140 has 17 MA's), (Start: 231 @5152 has 26 MA's), (292, 5203), (383, 5332), (407, 5362), (473, 5476), (593, 5665), (613, 5710), (643, 5788), (647, 5797), (714, 5914), (743, 5959), (760, 5986), (763, 5992), (766, 5995), (915, 6187), (928, 6211), (930, 6214), (1026, 6337), (1096, 6433), (1269, 6670), (1292, 6700), (1294, 6703),

Gene: Myram_3 Start: 1074, Stop: 2534, Start Num: 193
Candidate Starts for Myram_3:
(Start: 193 @1074 has 146 MA's), (Start: 198 @1080 has 6 MA's), (325, 1242), (330, 1251), (377, 1311), (415, 1380), (431, 1401), (455, 1452), (606, 1656), (744, 1869), (753, 1884), (777, 1920), (804, 1962), (832, 1995), (840, 2013), (923, 2133), (925, 2136), (936, 2148), (990, 2223), (1031, 2286), (1044, 2304), (1045, 2307), (1186, 2469), (1199, 2478), (1205, 2487), (1232, 2526),

Gene: Mysterium_2 Start: 594, Stop: 2282, Start Num: 122
Candidate Starts for Mysterium_2:
(Start: 122 @594 has 16 MA's), (343, 795), (434, 939), (476, 1008), (541, 1095), (572, 1149), (591, 1188), (646, 1323), (705, 1425), (887, 1647), (915, 1698), (1064, 1917), (1096, 1953), (1106, 1968), (1251, 2193), (1256, 2205), (1265, 2220), (1300, 2271),

Gene: Mysticmoon_14 Start: 8058, Stop: 9803, Start Num: 217
Candidate Starts for Mysticmoon_14:
(Start: 217 @8058 has 209 MA's), (222, 8064), (280, 8151), (287, 8157), (315, 8193), (343, 8247), (357, 8280), (438, 8406), (482, 8484), (504, 8532), (523, 8550), (525, 8553), (561, 8622), (604, 8724), (680, 8910), (728, 9009), (731, 9015), (748, 9045), (765, 9072), (804, 9138), (921, 9297), (944, 9330),

(949, 9333), (982, 9375), (991, 9399), (1000, 9420), (1003, 9423), (1182, 9651), (1196, 9663), (1207, 9681), (1244, 9753), (1246, 9756),

Gene: Myxus_13 Start: 8109, Stop: 9896, Start Num: 103
Candidate Starts for Myxus_13:
(Start: 103 @8109 has 278 MA's), (Start: 117 @8124 has 12 MA's), (Start: 123 @8130 has 9 MA's), (Start: 231 @8241 has 26 MA's), (288, 8340), (406, 8502), (445, 8574), (476, 8628), (503, 8667), (558, 8739), (593, 8829), (603, 8853), (663, 8970), (673, 8985), (727, 9093), (776, 9168), (798, 9204), (837, 9264), (920, 9384), (936, 9405), (980, 9444), (1007, 9498), (1015, 9501), (1026, 9519), (1061, 9573), (1086, 9603), (1096, 9615), (1182, 9705), (1198, 9723), (1269, 9852), (1290, 9879), (1292, 9882),

Gene: NEHalo_11 Start: 6571, Stop: 8259, Start Num: 102
Candidate Starts for NEHalo_11:
(Start: 102 @6571 has 391 MA's), (Start: 302 @6751 has 3 MA's), (363, 6835), (383, 6871), (406, 6898), (456, 6994), (476, 7021), (500, 7054), (558, 7129), (593, 7219), (603, 7243), (637, 7318), (720, 7474), (760, 7534), (930, 7759), (939, 7768), (952, 7780), (988, 7822), (995, 7843), (1020, 7870), (1096, 7978), (1182, 8068), (1246, 8173),

Gene: NaLuna_2 Start: 522, Stop: 2105, Start Num: 175
Candidate Starts for NaLuna_2:
(137, 489), (152, 498), (Start: 175 @522 has 14 MA's), (404, 807), (431, 840), (454, 888), (499, 948), (509, 960), (584, 1050), (630, 1155), (702, 1299), (736, 1350), (794, 1446), (835, 1506), (873, 1554), (893, 1578), (952, 1665), (1009, 1755), (1031, 1785), (1044, 1803), (1104, 1872), (1118, 1887), (1135, 1911),

Gene: NaSiaTalie_12 Start: 7481, Stop: 9268, Start Num: 103
Candidate Starts for NaSiaTalie_12:
(49, 7397), (Start: 103 @7481 has 278 MA's), (Start: 206 @7589 has 29 MA's), (226, 7610), (276, 7700), (288, 7718), (473, 8000), (476, 8003), (558, 8111), (593, 8201), (603, 8225), (663, 8342), (673, 8357), (915, 8744), (1007, 8870), (1026, 8891), (1086, 8975), (1096, 8987), (1269, 9224), (1290, 9251), (1292, 9254), (1294, 9257), (1296, 9260),

Gene: Nabi_6 Start: 2374, Stop: 4020, Start Num: 75
Candidate Starts for Nabi_6:
(Start: 75 @2374 has 95 MA's), (Start: 92 @2392 has 10 MA's), (325, 2596), (350, 2632), (462, 2812), (480, 2833), (515, 2878), (543, 2920), (582, 2992), (593, 3016), (638, 3115), (643, 3130), (663, 3154), (665, 3160), (786, 3328), (915, 3478), (927, 3499), (992, 3589), (1064, 3697), (1096, 3736), (1112, 3757), (1116, 3763), (1130, 3781), (1251, 3937), (1300, 4015),

Gene: Naby_3 Start: 778, Stop: 2235, Start Num: 193
Candidate Starts for Naby_3:
(Start: 193 @778 has 146 MA's), (325, 943), (415, 1081), (431, 1102), (451, 1138), (455, 1153), (581, 1294), (606, 1357), (623, 1381), (777, 1621), (804, 1663), (832, 1696), (840, 1714), (923, 1834), (936, 1849), (965, 1885), (990, 1924), (1031, 1987), (1045, 2008), (1186, 2170), (1205, 2188),

Gene: Naca_9 Start: 6070, Stop: 7848, Start Num: 53
Candidate Starts for Naca_9:
(Start: 53 @6070 has 20 MA's), (Start: 63 @6097 has 32 MA's), (Start: 105 @6157 has 1 MA's), (114, 6166), (Start: 154 @6205 has 1 MA's), (228, 6280), (Start: 231 @6286 has 26 MA's), (350, 6418), (406, 6493), (407, 6496), (521, 6670), (593, 6802), (613, 6847), (643, 6925), (646, 6931), (743, 7096), (763, 7129), (778, 7150), (915, 7324), (928, 7348), (1007, 7450), (1026, 7471), (1061, 7525), (1086, 7555), (1096, 7567), (1134, 7621), (1267, 7801), (1269, 7804), (1294, 7837), (1299, 7843),

Gene: Nadeem_6 Start: 1978, Stop: 3408, Start Num: 329
Candidate Starts for Nadeem_6:
(201, 1810), (Start: 204 @1813 has 1 MA's), (213, 1822), (Start: 329 @1978 has 15 MA's), (343, 1996), (409, 2119), (427, 2137), (448, 2176), (452, 2185), (504, 2269), (585, 2353), (588, 2368), (601, 2401), (634, 2467), (700, 2599), (819, 2788), (829, 2800), (866, 2848), (898, 2890), (928, 2941), (989, 3016), (990, 3019), (1003, 3046), (1044, 3106), (1069, 3139), (1083, 3154), (1118, 3190), (1154, 3232), (1178, 3259), (1211, 3295), (1214, 3301), (1241, 3340),

Gene: NadineRae_24 Start: 9655, Stop: 11382, Start Num: 126
Candidate Starts for NadineRae_24:
(Start: 126 @9655 has 206 MA's), (Start: 184 @9718 has 3 MA's), (270, 9805), (317, 9856), (346, 9901), (361, 9931), (365, 9940), (384, 9973), (425, 10063), (433, 10081), (597, 10363), (612, 10390), (695, 10558), (699, 10570), (798, 10681), (937, 10864), (996, 10978), (1007, 10993), (1031, 11026), (1084, 11101), (1219, 11245), (1246, 11287), (1261, 11317), (1287, 11359),

Gene: Nadmeg_17 Start: 10303, Stop: 12048, Start Num: 217
Candidate Starts for Nadmeg_17:
(Start: 217 @10303 has 209 MA's), (222, 10309), (280, 10396), (287, 10402), (315, 10438), (343, 10492), (353, 10522), (446, 10669), (504, 10777), (523, 10795), (525, 10798), (561, 10867), (596, 10951), (604, 10969), (628, 11026), (680, 11155), (728, 11254), (731, 11260), (791, 11359), (804, 11383), (940, 11569), (949, 11578), (991, 11644), (1000, 11665), (1003, 11668), (1179, 11893), (1182, 11896), (1196, 11908), (1244, 11998), (1246, 12001),

Gene: Naiad_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Naiad_8:
(Start: 104 @3156 has 125 MA's), (Start: 302 @3342 has 3 MA's), (350, 3414), (363, 3426), (379, 3450), (383, 3462), (476, 3615), (489, 3630), (536, 3690), (593, 3798), (621, 3855), (718, 4053), (729, 4071), (763, 4125), (866, 4236), (892, 4269), (915, 4311), (936, 4344), (992, 4413), (1096, 4557), (1130, 4602), (1196, 4662), (1251, 4761), (1269, 4794), (1290, 4821), (1292, 4824), (1294, 4827),

Gene: Nairb_3 Start: 724, Stop: 2607, Start Num: 96
Candidate Starts for Nairb_3:
(16, 475), (Start: 96 @724 has 7 MA's), (177, 805), (Start: 182 @814 has 18 MA's), (257, 910), (260, 922), (350, 1054), (447, 1201), (450, 1207), (462, 1234), (476, 1252), (528, 1315), (597, 1450), (693, 1651), (739, 1708), (917, 1927), (963, 1978), (973, 2002), (996, 2053), (1067, 2182), (1089, 2221), (1096, 2230), (1126, 2281), (1149, 2320), (1184, 2407), (1196, 2419), (1249, 2512), (1256, 2527), (1257, 2530),

Gene: Naji_15 Start: 7375, Stop: 9162, Start Num: 103
Candidate Starts for Naji_15:
(31, 7216), (34, 7243), (Start: 103 @7375 has 278 MA's), (Start: 206 @7483 has 29 MA's), (226, 7504), (262, 7570), (288, 7612), (350, 7699), (473, 7894), (476, 7897), (558, 8005), (593, 8095), (603, 8119), (646, 8218), (671, 8248), (673, 8251), (729, 8362), (857, 8551), (980, 8710), (988, 8725), (992, 8737), (1007, 8764), (1026, 8785), (1086, 8869), (1096, 8881), (1182, 8971), (1269, 9118), (1290, 9145), (1292, 9148),

Gene: Namo_8 Start: 3146, Stop: 4891, Start Num: 217
Candidate Starts for Namo_8:
(Start: 217 @3146 has 209 MA's), (252, 3200), (Start: 255 @3203 has 1 MA's), (280, 3239), (287, 3245), (430, 3479), (485, 3578), (504, 3620), (525, 3641), (547, 3683), (556, 3695), (596, 3794), (604, 3812), (621, 3848), (713, 4073), (728, 4097), (731, 4103), (804, 4226), (859, 4295), (940, 4412), (944, 4418), (967, 4439), (1000, 4508), (1003, 4511), (1038, 4562), (1101, 4649), (1146, 4715), (1182, 4739), (1196, 4751), (1207, 4769), (1244, 4841), (1246, 4844),

Gene: Namsahir_3 Start: 1095, Stop: 2555, Start Num: 193
Candidate Starts for Namsahir_3:
(Start: 193 @1095 has 146 MA's), (Start: 198 @1101 has 6 MA's), (325, 1263), (330, 1272), (377, 1332), (415, 1401), (431, 1422), (455, 1473), (606, 1677), (669, 1812), (753, 1905), (765, 1923), (777, 1941), (804, 1983), (832, 2016), (840, 2034), (923, 2154), (925, 2157), (936, 2169), (943, 2181), (953, 2193), (990, 2244), (1028, 2301), (1031, 2307), (1038, 2316), (1044, 2325), (1045, 2328), (1186, 2490), (1199, 2499), (1205, 2508), (1232, 2547),

Gene: Nancia_2 Start: 426, Stop: 1991, Start Num: 155
Candidate Starts for Nancia_2:
(Start: 155 @426 has 82 MA's), (253, 549), (Start: 302 @603 has 3 MA's), (Start: 324 @636 has 4 MA's), (325, 639), (374, 690), (380, 699), (396, 732), (404, 747), (409, 756), (430, 780), (540, 942), (607, 1077), (623, 1098), (636, 1137), (740, 1236), (759, 1266), (768, 1281), (786, 1314), (815, 1362), (825, 1371), (883, 1449), (905, 1485), (923, 1524), (963, 1566), (977, 1593), (1020, 1647), (1044, 1689), (1111, 1734), (1126, 1755), (1141, 1779), (1222, 1857),

Gene: Nancinator_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Nancinator_8:
(Start: 104 @3156 has 125 MA's), (Start: 302 @3342 has 3 MA's), (350, 3414), (363, 3426), (379, 3450), (383, 3462), (476, 3615), (489, 3630), (536, 3690), (593, 3798), (621, 3855), (718, 4053), (729, 4071), (763, 4125), (866, 4236), (892, 4269), (915, 4311), (936, 4344), (992, 4413), (1096, 4557), (1130, 4602), (1196, 4662), (1251, 4761), (1269, 4794), (1290, 4821), (1292, 4824), (1294, 4827),

Gene: NancyRae_6 Start: 1978, Stop: 3408, Start Num: 329
Candidate Starts for NancyRae_6:
(201, 1810), (Start: 204 @1813 has 1 MA's), (207, 1816), (213, 1822), (Start: 329 @1978 has 15 MA's), (343, 1996), (409, 2119), (427, 2137), (448, 2176), (452, 2185), (504, 2269), (585, 2353), (588, 2368), (601, 2401), (634, 2467), (666, 2536), (700, 2599), (819, 2788), (829, 2800), (866, 2848), (898, 2890), (928, 2941), (989, 3016), (990, 3019), (1003, 3046), (1044, 3106), (1069, 3139), (1083, 3154), (1118, 3190), (1154, 3232), (1178, 3259), (1211, 3295), (1214, 3301), (1241, 3340),

Gene: Nandita_6 Start: 1957, Stop: 3657, Start Num: 197
Candidate Starts for Nandita_6:
(145, 1900), (Start: 180 @1936 has 11 MA's), (Start: 197 @1957 has 23 MA's), (282, 2080), (Start: 300 @2101 has 12 MA's), (330, 2149), (377, 2194), (379, 2197), (400, 2239), (409, 2257), (412, 2260), (414, 2263), (491, 2386), (554, 2440), (607, 2554), (636, 2614), (643, 2635), (678, 2701), (768, 2866), (815, 2932), (829, 2947), (914, 3118), (943, 3157), (953, 3166), (963, 3175), (986, 3217), (1015, 3250), (1038, 3289), (1096, 3331), (1126, 3373), (1182, 3421), (1203, 3448), (1205, 3451), (1208, 3457), (1222, 3478), (1246, 3520), (1318, 3646),

Gene: Nanodon_8 Start: 2573, Stop: 4219, Start Num: 75
Candidate Starts for Nanodon_8:
(Start: 75 @2573 has 95 MA's), (Start: 92 @2591 has 10 MA's), (325, 2795), (382, 2876), (462, 3011), (480, 3032), (515, 3077), (543, 3119), (582, 3191), (593, 3215), (638, 3314), (673, 3368), (786, 3527), (841, 3587), (927, 3698), (980, 3761), (992, 3788), (1017, 3821), (1064, 3896), (1096, 3935), (1112, 3956), (1116, 3962), (1130, 3980), (1217, 4076), (1251, 4136),

Gene: Nanosmite_18 Start: 5467, Stop: 7059, Start Num: 181
Candidate Starts for Nanosmite_18:
(Start: 181 @5467 has 21 MA's), (Start: 184 @5470 has 3 MA's), (258, 5572), (323, 5656), (379, 5719), (454, 5854), (455, 5857), (595, 6046), (688, 6241), (700, 6256), (792, 6397), (893, 6514), (939, 6589), (1045, 6754), (1228, 6988), (1241, 7009),

Gene: NapoleonB_8 Start: 3847, Stop: 5601, Start Num: 217
Candidate Starts for NapoleonB_8:
(172, 3793), (Start: 211 @3841 has 88 MA's), (Start: 217 @3847 has 209 MA's), (280, 3940), (287, 3946), (402, 4138), (446, 4213), (458, 4243), (482, 4273), (504, 4321), (523, 4339), (525, 4342), (547, 4384), (604, 4513), (680, 4699), (728, 4798), (770, 4870), (804, 4927), (859, 5005), (868, 5017), (949, 5131), (967, 5149), (990, 5194), (1000, 5218), (1003, 5221), (1030, 5260), (1131, 5401), (1179, 5446), (1182, 5449), (1196, 5461), (1226, 5509), (1242, 5542), (1244, 5551), (1246, 5554),

Gene: Nason_8 Start: 4237, Stop: 5991, Start Num: 217
Candidate Starts for Nason_8:
(172, 4183), (Start: 211 @4231 has 88 MA's), (Start: 217 @4237 has 209 MA's), (280, 4330), (287, 4336), (446, 4603), (458, 4633), (482, 4663), (504, 4711), (523, 4729), (525, 4732), (547, 4774), (604, 4903), (680, 5089), (728, 5188), (770, 5260), (804, 5317), (859, 5395), (868, 5407), (949, 5521), (967, 5539), (990, 5584), (1000, 5608), (1003, 5611), (1030, 5650), (1131, 5791), (1179, 5836), (1182, 5839), (1196, 5851), (1226, 5899), (1242, 5932), (1244, 5941), (1246, 5944),

Gene: NatB6_24 Start: 12178, Stop: 13905, Start Num: 124
Candidate Starts for NatB6_24:
(22, 11944), (52, 12073), (Start: 124 @12178 has 12 MA's), (270, 12328), (317, 12379), (319, 12385), (346, 12424), (361, 12454), (375, 12478), (384, 12496), (398, 12523), (425, 12586), (433, 12604), (597, 12889), (612, 12916), (643, 13000), (695, 13084), (699, 13096), (716, 13129), (798, 13207), (867, 13285), (915, 13357), (937, 13390), (973, 13453), (988, 13480), (996, 13504), (1020, 13528), (1084, 13627), (1121, 13675), (1246, 13813), (1261, 13843), (1297, 13897),

Gene: Natasha_7 Start: 3427, Stop: 5175, Start Num: 217
Candidate Starts for Natasha_7:
(Start: 217 @3427 has 209 MA's), (287, 3526), (353, 3646), (458, 3823), (504, 3901), (525, 3922), (580, 4024), (604, 4093), (680, 4279), (699, 4324), (713, 4354), (728, 4378), (791, 4483), (804, 4507), (859, 4579), (949, 4705), (994, 4780), (1000, 4792), (1003, 4795), (1027, 4828), (1030, 4834), (1182, 5023), (1196, 5035), (1207, 5053), (1244, 5125), (1246, 5128),

Gene: Natosaleda_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Natosaleda_8:
(Start: 104 @3156 has 125 MA's), (Start: 302 @3342 has 3 MA's), (350, 3414), (363, 3426), (379, 3450), (383, 3462), (476, 3615), (489, 3630), (536, 3690), (593, 3798), (621, 3855), (718, 4053), (729, 4071), (763, 4125), (866, 4236), (892, 4269), (915, 4311), (936, 4344), (992, 4413), (1096, 4557), (1130, 4602), (1196, 4662), (1251, 4761), (1269, 4794), (1290, 4821), (1292, 4824), (1294, 4827),

Gene: Natsu_8 Start: 2890, Stop: 4632, Start Num: 217
Candidate Starts for Natsu_8:
(210, 2884), (Start: 217 @2890 has 209 MA's), (222, 2896), (Start: 231 @2911 has 26 MA's), (252, 2944), (Start: 255 @2947 has 1 MA's), (259, 2965), (280, 2983), (287, 2989), (Start: 324 @3043 has 4 MA's), (357, 3112), (458, 3286), (482, 3316), (504, 3364), (525, 3385), (556, 3439), (580, 3487), (592, 3526), (596, 3538), (604, 3556), (616, 3580), (680, 3742), (728, 3841), (804, 3970), (859, 4039), (967, 4180), (990, 4225), (991, 4228), (1000, 4249), (1003, 4252), (1136, 4441), (1163, 4462), (1182, 4480), (1196, 4492), (1207, 4510), (1246, 4585),

Gene: Navi1117_8 Start: 3625, Stop: 5358, Start Num: 217
Candidate Starts for Navi1117_8:
(Start: 217 @3625 has 209 MA's), (287, 3724), (438, 3961), (458, 4009), (504, 4087), (523, 4105), (525, 4108), (561, 4177), (604, 4279), (616, 4303), (636, 4360), (680, 4465), (728, 4564), (744, 4594), (770, 4636), (804, 4693), (859, 4762), (868, 4774), (949, 4888), (967, 4906), (1000, 4975), (1003,

4978), (1146, 5182), (1182, 5206), (1196, 5218), (1203, 5230), (1224, 5263), (1244, 5308), (1246, 5311),

Gene: Nazo_2 Start: 392, Stop: 2065, Start Num: 134
Candidate Starts for Nazo_2:
(27, 179), (54, 275), (Start: 134 @392 has 105 MA's), (Start: 221 @485 has 5 MA's), (Start: 232 @503 has 12 MA's), (313, 608), (338, 647), (397, 773), (409, 794), (414, 800), (417, 803), (451, 857), (467, 890), (541, 980), (636, 1169), (702, 1265), (736, 1316), (828, 1457), (837, 1469), (873, 1514), (984, 1667), (989, 1676), (1000, 1703), (1017, 1718), (1031, 1745), (1044, 1763), (1078, 1799), (1130, 1862), (1183, 1934), (1269, 2048),

Gene: NearlyHeadless_9 Start: 5706, Stop: 7460, Start Num: 63
Candidate Starts for NearlyHeadless_9:
(Start: 63 @5706 has 32 MA's), (94, 5748), (125, 5787), (Start: 191 @5856 has 6 MA's), (Start: 231 @5895 has 26 MA's), (406, 6102), (536, 6303), (593, 6411), (646, 6540), (743, 6705), (763, 6738), (866, 6858), (915, 6933), (992, 7035), (995, 7044), (1007, 7062), (1026, 7083), (1061, 7137), (1096, 7179), (1196, 7284), (1251, 7383), (1269, 7416), (1294, 7449), (1299, 7455),

Gene: Nebs_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Nebs_11:
(26, 6707), (32, 6725), (36, 6755), (Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Nebulosus_14 Start: 6686, Stop: 8383, Start Num: 103
Candidate Starts for Nebulosus_14:
(Start: 103 @6686 has 278 MA's), (121, 6704), (292, 6866), (406, 7022), (445, 7091), (476, 7145), (558, 7253), (571, 7280), (593, 7343), (603, 7367), (928, 7883), (988, 7946), (1015, 7988), (1096, 8102), (1196, 8207), (1269, 8339), (1290, 8366), (1292, 8369), (1294, 8372),

Gene: Necropolis_2 Start: 413, Stop: 2089, Start Num: 134
Candidate Starts for Necropolis_2:
(Start: 134 @413 has 105 MA's), (313, 629), (338, 668), (360, 725), (362, 731), (373, 749), (397, 794), (404, 806), (409, 815), (414, 821), (451, 878), (459, 899), (467, 911), (541, 1001), (636, 1190), (702, 1286), (720, 1316), (736, 1337), (837, 1490), (984, 1688), (989, 1697), (1000, 1724), (1031, 1766), (1044, 1784), (1118, 1868), (1130, 1883), (1269, 2072),

Gene: Nedarya_13 Start: 7279, Stop: 8973, Start Num: 103
Candidate Starts for Nedarya_13:
(Start: 103 @7279 has 278 MA's), (121, 7294), (292, 7456), (445, 7681), (476, 7735), (558, 7843), (593, 7933), (603, 7957), (663, 8074), (727, 8197), (855, 8362), (915, 8449), (928, 8473), (988, 8536), (992, 8548), (1015, 8578), (1096, 8692), (1198, 8800), (1269, 8929), (1290, 8956), (1292, 8959), (1294, 8962),

Gene: Neeharika16_15 Start: 7523, Stop: 9277, Start Num: 103
Candidate Starts for Neeharika16_15:
(Start: 103 @7523 has 278 MA's), (288, 7754), (325, 7805), (350, 7841), (406, 7916), (476, 8039), (503, 8078), (558, 8147), (569, 8171), (571, 8174), (593, 8237), (603, 8261), (671, 8390), (673, 8393), (729, 8504), (855, 8666), (915, 8753), (920, 8765), (928, 8777), (980, 8825), (988, 8840), (1007, 8879), (1026, 8900), (1086, 8984), (1096, 8996), (1269, 9233), (1290, 9260), (1292, 9263),

Gene: Nekros_8 Start: 3575, Stop: 5107, Start Num: 232
Candidate Starts for Nekros_8:
(159, 3491), (Start: 196 @3533 has 1 MA's), (207, 3542), (Start: 232 @3575 has 12 MA's), (323, 3689), (360, 3752), (380, 3785), (381, 3788), (404, 3833), (452, 3908), (550, 4019), (552, 4022), (573, 4058), (588, 4091), (713, 4340), (767, 4403), (783, 4430), (810, 4475), (900, 4589), (918, 4625), (952, 4655), (962, 4664), (990, 4718), (1000, 4742), (1186, 4976), (1202, 4988),

Gene: Nemo27_11 Start: 6907, Stop: 8580, Start Num: 126
Candidate Starts for Nemo27_11:
(Start: 102 @6883 has 391 MA's), (Start: 126 @6907 has 206 MA's), (Start: 239 @7030 has 2 MA's), (339, 7120), (363, 7153), (426, 7252), (473, 7336), (476, 7339), (503, 7378), (558, 7447), (569, 7471), (593, 7537), (634, 7627), (720, 7792), (778, 7879), (798, 7912), (864, 7978), (913, 8050), (915, 8053), (928, 8077), (980, 8128), (988, 8143), (1007, 8182), (1026, 8203), (1096, 8299), (1269, 8536), (1292, 8566), (1294, 8569),

Gene: Nenae_2 Start: 509, Stop: 2044, Start Num: 231
Candidate Starts for Nenae_2:
(Start: 231 @509 has 26 MA's), (Start: 234 @512 has 29 MA's), (Start: 245 @527 has 1 MA's), (282, 584), (Start: 297 @602 has 2 MA's), (309, 614), (368, 686), (390, 722), (400, 743), (443, 806), (508, 926), (573, 1010), (601, 1076), (636, 1148), (637, 1151), (641, 1163), (713, 1289), (728, 1313), (769, 1376), (830, 1460), (873, 1517), (886, 1532), (930, 1607), (943, 1625), (1047, 1769), (1079, 1790), (1098, 1823), (1109, 1838), (1134, 1874), (1205, 1952), (1207, 1955), (1210, 1961),

Gene: Neobush_2 Start: 498, Stop: 2222, Start Num: 206
Candidate Starts for Neobush_2:
(Start: 193 @483 has 146 MA's), (Start: 206 @498 has 29 MA's), (280, 588), (437, 828), (439, 834), (450, 858), (483, 915), (536, 987), (633, 1185), (655, 1227), (664, 1233), (702, 1317), (723, 1344), (793, 1455), (809, 1482), (926, 1659), (1092, 1932), (1094, 1935), (1098, 1941), (1115, 1962), (1141, 2001), (1177, 2049), (1185, 2058), (1205, 2082), (1226, 2100), (1253, 2157), (1295, 2214),

Gene: Nerdos_6 Start: 2402, Stop: 4048, Start Num: 75
Candidate Starts for Nerdos_6:
(Start: 75 @2402 has 95 MA's), (Start: 92 @2420 has 10 MA's), (325, 2624), (382, 2705), (462, 2840), (480, 2861), (543, 2948), (582, 3020), (593, 3044), (638, 3143), (673, 3197), (751, 3296), (786, 3356), (920, 3518), (927, 3527), (992, 3617), (1007, 3644), (1062, 3722), (1064, 3725), (1096, 3764), (1112, 3785), (1116, 3791), (1130, 3809), (1217, 3905), (1251, 3965),

Gene: Nergal_5 Start: 1844, Stop: 3613, Start Num: 91
Candidate Starts for Nergal_5:
(Start: 91 @1844 has 1 MA's), (Start: 111 @1868 has 1 MA's), (Start: 119 @1877 has 3 MA's), (Start: 188 @1937 has 4 MA's), (292, 2033), (309, 2051), (350, 2114), (382, 2159), (406, 2189), (409, 2195), (434, 2249), (462, 2300), (465, 2306), (468, 2309), (571, 2462), (594, 2519), (619, 2552), (699, 2735), (707, 2753), (802, 2861), (888, 2960), (890, 2963), (915, 3008), (930, 3035), (991, 3149), (992, 3152), (1007, 3179), (1026, 3200), (1035, 3227), (1096, 3317), (1128, 3359), (1143, 3383), (1182, 3407), (1219, 3461), (1246, 3512), (1249, 3518), (1267, 3551),

Gene: Nerujay_12 Start: 7406, Stop: 9094, Start Num: 102
Candidate Starts for Nerujay_12:
(Start: 102 @7406 has 391 MA's), (363, 7670), (379, 7694), (476, 7856), (500, 7889), (558, 7964), (593, 8054), (603, 8078), (621, 8105), (637, 8153), (679, 8222), (714, 8297), (720, 8309), (760, 8369), (939, 8603), (952, 8615), (988, 8657), (995, 8678), (1020, 8705), (1096, 8813), (1182, 8903), (1246, 9008),

Gene: Nesbitt_2 Start: 643, Stop: 2349, Start Num: 247
Candidate Starts for Nesbitt_2:
(Start: 216 @601 has 2 MA's), (Start: 238 @631 has 3 MA's), (Start: 247 @643 has 1 MA's), (263, 682), (284, 712), (344, 802), (358, 832), (405, 901), (408, 907), (442, 967), (450, 985), (498, 1063), (548, 1135), (552, 1141), (560, 1156), (567, 1168), (584, 1195), (605, 1261), (619, 1276), (641, 1333), (664, 1360), (704, 1447), (723, 1471), (833, 1645), (913, 1759), (922, 1780), (942, 1810), (960, 1840), (1056, 2017), (1062, 2032), (1098, 2080), (1115, 2101), (1226, 2233), (1251, 2287), (1253, 2290),

Gene: Nette_3 Start: 631, Stop: 2514, Start Num: 96
Candidate Starts for Nette_3:
(Start: 42 @535 has 1 MA's), (Start: 96 @631 has 7 MA's), (257, 817), (260, 829), (447, 1108), (450, 1114), (462, 1141), (476, 1159), (528, 1222), (597, 1357), (698, 1573), (702, 1582), (739, 1615), (917, 1834), (963, 1885), (965, 1888), (973, 1909), (996, 1960), (1007, 1975), (1038, 2047), (1067, 2089), (1073, 2098), (1089, 2128), (1096, 2137), (1126, 2188), (1138, 2209), (1179, 2308), (1184, 2314), (1196, 2326), (1249, 2419), (1256, 2434), (1257, 2437), (1302, 2497),

Gene: Nettuno_2 Start: 318, Stop: 1889, Start Num: 134
Candidate Starts for Nettuno_2:
(Start: 134 @318 has 105 MA's), (313, 504), (332, 537), (397, 621), (402, 630), (431, 666), (461, 726), (550, 816), (552, 819), (596, 912), (607, 936), (630, 978), (654, 1032), (679, 1071), (736, 1137), (741, 1149), (760, 1179), (783, 1212), (837, 1293), (873, 1338), (876, 1344), (895, 1365), (950, 1455), (986, 1500), (989, 1506), (1003, 1536), (1005, 1539), (1044, 1593), (1078, 1629), (1120, 1680), (1162, 1740), (1164, 1743), (1200, 1785), (1266, 1872),

Gene: Netyap_4 Start: 1069, Stop: 2637, Start Num: 149
Candidate Starts for Netyap_4:
(Start: 149 @1069 has 70 MA's), (Start: 155 @1075 has 82 MA's), (271, 1231), (484, 1528), (488, 1534), (533, 1594), (582, 1666), (585, 1672), (591, 1693), (636, 1792), (659, 1840), (684, 1894), (700, 1918), (728, 1963), (733, 1969), (753, 1999), (757, 2005), (777, 2032), (782, 2041), (848, 2098), (855, 2104), (873, 2125), (876, 2131), (925, 2206), (927, 2209), (963, 2245), (990, 2290), (1031, 2356), (1093, 2431), (1114, 2449), (1118, 2458), (1241, 2605), (1252, 2629), (1254, 2632),

Gene: NeumannU_3 Start: 1086, Stop: 2546, Start Num: 193
Candidate Starts for NeumannU_3:
(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (744, 1881), (753, 1896), (777, 1932), (804, 1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: Neuvillette_4 Start: 1251, Stop: 2789, Start Num: 215
Candidate Starts for Neuvillette_4:
(Start: 215 @1251 has 6 MA's), (249, 1296), (381, 1455), (417, 1518), (467, 1605), (599, 1845), (605, 1857), (631, 1914), (710, 2073), (767, 2160), (871, 2292), (991, 2460), (1104, 2592),

Gene: Neville_12 Start: 4818, Stop: 6263, Start Num: 234
Candidate Starts for Neville_12:
(Start: 234 @4818 has 29 MA's), (374, 5004), (431, 5097), (480, 5178), (490, 5190), (532, 5229), (550, 5247), (557, 5256), (596, 5340), (599, 5349), (631, 5409), (637, 5427), (700, 5547), (717, 5574), (765, 5643), (790, 5673), (855, 5739), (925, 5844), (990, 5931), (1005, 5955), (1033, 5994), (1087, 6057), (1132, 6108), (1183, 6165),

Gene: NewHope4_2 Start: 571, Stop: 2208, Start Num: 126
Candidate Starts for NewHope4_2:

(Start: 126 @571 has 206 MA's), (133, 580), (Start: 147 @595 has 3 MA's), (Start: 184 @628 has 3 MA's), (Start: 217 @652 has 209 MA's), (Start: 219 @655 has 2 MA's), (271, 718), (310, 757), (372, 844), (419, 904), (442, 928), (445, 937), (447, 940), (454, 961), (467, 982), (482, 997), (519, 1054), (543, 1093), (580, 1162), (584, 1168), (597, 1198), (598, 1201), (603, 1210), (612, 1225), (621, 1243), (638, 1294), (689, 1387), (695, 1396), (845, 1567), (859, 1579), (915, 1663), (934, 1693), (937, 1696), (940, 1699), (988, 1756), (993, 1771), (995, 1777), (996, 1780), (1007, 1795), (1020, 1804), (1062, 1873), (1082, 1903), (1084, 1912), (1112, 1945), (1130, 1963), (1140, 1978), (1176, 2005), (1202, 2038), (1219, 2065), (1222, 2068), (1235, 2089), (1246, 2113), (1251, 2122), (1253, 2125), (1284, 2182),

Gene: Newrala_15 Start: 7523, Stop: 9277, Start Num: 103
Candidate Starts for Newrala_15:
(Start: 103 @7523 has 278 MA's), (288, 7754), (325, 7805), (350, 7841), (406, 7916), (476, 8039), (503, 8078), (558, 8147), (569, 8171), (571, 8174), (593, 8237), (603, 8261), (671, 8390), (673, 8393), (729, 8504), (855, 8666), (915, 8753), (920, 8765), (928, 8777), (980, 8825), (988, 8840), (1007, 8879), (1026, 8900), (1086, 8984), (1096, 8996), (1269, 9233), (1290, 9260), (1292, 9263),

Gene: Nhonho_11 Start: 6855, Stop: 8543, Start Num: 102
Candidate Starts for Nhonho_11:
(Start: 102 @6855 has 391 MA's), (Start: 302 @7035 has 3 MA's), (363, 7119), (383, 7155), (406, 7182), (476, 7305), (558, 7413), (593, 7503), (603, 7527), (621, 7554), (637, 7602), (720, 7758), (760, 7818), (930, 8043), (939, 8052), (952, 8064), (988, 8106), (995, 8127), (1020, 8154), (1096, 8262), (1182, 8352), (1246, 8457),

Gene: Nibbles_6 Start: 1989, Stop: 3689, Start Num: 176
Candidate Starts for Nibbles_6:
(Start: 176 @1989 has 83 MA's), (203, 2019), (237, 2061), (350, 2199), (383, 2247), (407, 2277), (426, 2310), (443, 2346), (450, 2361), (454, 2376), (476, 2406), (507, 2457), (572, 2556), (582, 2577), (619, 2646), (634, 2688), (645, 2718), (729, 2865), (758, 2916), (798, 2979), (814, 3003), (888, 3069), (908, 3102), (911, 3126), (913, 3129), (917, 3138), (930, 3159), (956, 3186), (988, 3231), (992, 3243), (994, 3249), (1007, 3270), (1035, 3309), (1112, 3408), (1140, 3444), (1222, 3531), (1265, 3612), (1269, 3618), (1311, 3675), (1313, 3678),

Gene: Niblet_3 Start: 749, Stop: 2329, Start Num: 224
Candidate Starts for Niblet_3:
(Start: 164 @689 has 12 MA's), (Start: 224 @749 has 17 MA's), (Start: 300 @845 has 12 MA's), (306, 854), (Start: 314 @863 has 1 MA's), (325, 884), (374, 935), (401, 986), (409, 1001), (443, 1046), (587, 1247), (607, 1298), (625, 1322), (636, 1358), (643, 1379), (674, 1439), (687, 1469), (698, 1478), (744, 1541), (893, 1751), (905, 1769), (949, 1835), (953, 1841), (963, 1850), (980, 1880), (1014, 1919), (1063, 1997), (1102, 2042), (1114, 2054), (1203, 2168), (1246, 2237), (1249, 2243), (1255, 2255), (1259, 2264), (1306, 2318),

Gene: Nibley_6 Start: 2259, Stop: 3791, Start Num: 232
Candidate Starts for Nibley_6:
(159, 2175), (Start: 196 @2217 has 1 MA's), (207, 2226), (Start: 232 @2259 has 12 MA's), (323, 2373), (380, 2469), (381, 2472), (401, 2511), (404, 2517), (452, 2592), (454, 2601), (550, 2703), (552, 2706), (573, 2742), (588, 2775), (713, 3024), (767, 3087), (783, 3114), (810, 3159), (900, 3273), (918, 3309), (952, 3339), (962, 3348), (990, 3402), (1000, 3426), (1186, 3660), (1202, 3672),

Gene: Nichirin_2 Start: 581, Stop: 2218, Start Num: 126
Candidate Starts for Nichirin_2:
(Start: 117 @578 has 12 MA's), (Start: 126 @581 has 206 MA's), (Start: 147 @605 has 3 MA's), (Start: 184 @638 has 3 MA's), (Start: 217 @662 has 209 MA's), (Start: 219 @665 has 2 MA's), (271, 728),

(310, 767), (372, 854), (375, 860), (419, 914), (442, 938), (445, 947), (447, 950), (454, 971), (467, 992), (519, 1064), (543, 1103), (580, 1172), (584, 1178), (597, 1208), (598, 1211), (603, 1220), (612, 1235), (621, 1253), (638, 1304), (689, 1397), (695, 1406), (845, 1577), (859, 1589), (915, 1673), (934, 1703), (937, 1706), (940, 1709), (988, 1766), (993, 1781), (995, 1787), (996, 1790), (1007, 1805), (1020, 1814), (1062, 1883), (1082, 1913), (1084, 1922), (1112, 1955), (1140, 1988), (1176, 2015), (1202, 2048), (1214, 2069), (1219, 2075), (1222, 2078), (1235, 2099), (1246, 2123), (1251, 2132), (1253, 2135), (1284, 2192),

Gene: Nicholas_5 Start: 1190, Stop: 2755, Start Num: 149
Candidate Starts for Nicholas_5:
(Start: 104 @1139 has 125 MA's), (Start: 112 @1148 has 1 MA's), (Start: 149 @1190 has 70 MA's), (Start: 155 @1196 has 82 MA's), (284, 1367), (312, 1397), (374, 1472), (379, 1478), (381, 1484), (476, 1640), (484, 1649), (486, 1652), (488, 1655), (550, 1730), (582, 1784), (584, 1787), (585, 1790), (688, 2021), (737, 2096), (753, 2117), (757, 2123), (808, 2192), (848, 2216), (866, 2234), (876, 2249), (963, 2363), (988, 2402), (990, 2408), (1031, 2474), (1078, 2528), (1111, 2564), (1118, 2576), (1155, 2615), (1228, 2702), (1252, 2747), (1254, 2750),

Gene: Nicholasp3_4 Start: 1069, Stop: 2637, Start Num: 149
Candidate Starts for Nicholasp3_4:
(Start: 149 @1069 has 70 MA's), (Start: 155 @1075 has 82 MA's), (271, 1231), (484, 1528), (488, 1534), (533, 1594), (582, 1666), (585, 1672), (636, 1792), (659, 1840), (684, 1894), (700, 1918), (728, 1963), (733, 1969), (753, 1999), (757, 2005), (777, 2032), (782, 2041), (848, 2098), (855, 2104), (873, 2125), (876, 2131), (925, 2206), (927, 2209), (963, 2245), (990, 2290), (1031, 2356), (1093, 2431), (1114, 2449), (1118, 2458), (1241, 2605), (1252, 2629), (1254, 2632),

Gene: Nicky22_4 Start: 1151, Stop: 2779, Start Num: 211
Candidate Starts for Nicky22_4:
(Start: 211 @1151 has 88 MA's), (330, 1307), (409, 1415), (430, 1439), (453, 1484), (459, 1499), (554, 1598), (585, 1649), (607, 1712), (632, 1760), (642, 1790), (963, 2261), (1222, 2612), (1249, 2660), (1318, 2768),

Gene: NicoleTera_16 Start: 9187, Stop: 10974, Start Num: 103
Candidate Starts for NicoleTera_16:
(Start: 103 @9187 has 278 MA's), (Start: 206 @9295 has 29 MA's), (226, 9316), (262, 9382), (288, 9424), (309, 9448), (350, 9511), (473, 9706), (476, 9709), (503, 9748), (558, 9817), (593, 9907), (603, 9931), (663, 10048), (673, 10063), (915, 10450), (988, 10537), (992, 10549), (1015, 10579), (1026, 10597), (1096, 10693), (1269, 10930), (1290, 10957), (1292, 10960), (1294, 10963), (1296, 10966),

Gene: NidoQ_2 Start: 625, Stop: 2373, Start Num: 236
Candidate Starts for NidoQ_2:
(189, 574), (213, 601), (Start: 236 @625 has 15 MA's), (295, 718), (382, 859), (385, 865), (395, 883), (403, 898), (405, 901), (482, 1039), (536, 1114), (548, 1135), (605, 1261), (664, 1363), (691, 1420), (697, 1435), (723, 1474), (907, 1747), (913, 1762), (924, 1786), (945, 1819), (1026, 1969), (1041, 1996), (1056, 2020), (1064, 2038), (1088, 2068), (1098, 2083), (1109, 2098), (1129, 2125), (1150, 2152), (1177, 2176), (1185, 2185), (1226, 2236), (1251, 2290),

Gene: Niffler_3 Start: 1152, Stop: 2612, Start Num: 193
Candidate Starts for Niffler_3:
(Start: 193 @1152 has 146 MA's), (Start: 198 @1158 has 6 MA's), (325, 1320), (330, 1329), (377, 1389), (415, 1458), (431, 1479), (455, 1530), (606, 1734), (669, 1869), (744, 1947), (753, 1962), (765, 1980), (777, 1998), (804, 2040), (832, 2073), (840, 2091), (923, 2211), (925, 2214), (936, 2226), (943, 2238), (953, 2250), (990, 2301), (1028, 2358), (1031, 2364), (1038, 2373), (1044, 2382), (1045, 2385), (1186, 2547), (1199, 2556), (1205, 2565), (1232, 2604),

Gene: Nightmare_7 Start: 3565, Stop: 5304, Start Num: 217
Candidate Starts for Nightmare_7:
(Start: 217 @3565 has 209 MA's), (287, 3664), (353, 3784), (426, 3883), (446, 3925), (458, 3955), (482, 3985), (504, 4033), (525, 4054), (580, 4156), (604, 4225), (616, 4249), (647, 4339), (680, 4411), (713, 4486), (728, 4510), (804, 4639), (868, 4720), (949, 4834), (967, 4852), (970, 4858), (1000, 4921), (1003, 4924), (1136, 5113), (1146, 5128), (1163, 5134), (1182, 5152), (1196, 5164), (1244, 5254), (1246, 5257),

Gene: NikkiHotWheels_2 Start: 625, Stop: 2373, Start Num: 236
Candidate Starts for NikkiHotWheels_2:
(189, 574), (213, 601), (Start: 236 @625 has 15 MA's), (295, 718), (385, 865), (390, 871), (403, 898), (405, 901), (419, 919), (439, 961), (482, 1039), (498, 1063), (510, 1075), (536, 1114), (548, 1135), (567, 1168), (605, 1261), (664, 1363), (691, 1420), (697, 1435), (784, 1570), (907, 1747), (913, 1762), (924, 1786), (1026, 1969), (1041, 1996), (1056, 2020), (1064, 2038), (1088, 2068), (1115, 2104), (1129, 2125), (1150, 2152), (1177, 2176), (1185, 2185), (1201, 2203), (1226, 2236), (1251, 2290),

Gene: Niktson_6 Start: 3734, Stop: 5473, Start Num: 217
Candidate Starts for Niktson_6:
(Start: 217 @3734 has 209 MA's), (287, 3833), (353, 3953), (426, 4052), (446, 4094), (458, 4124), (482, 4154), (504, 4202), (525, 4223), (580, 4325), (604, 4394), (616, 4418), (647, 4508), (680, 4580), (713, 4655), (728, 4679), (791, 4784), (804, 4808), (868, 4889), (949, 5003), (967, 5021), (970, 5027), (1000, 5090), (1003, 5093), (1136, 5282), (1146, 5297), (1182, 5321), (1196, 5333), (1244, 5423), (1246, 5426),

Gene: Nimbo_2 Start: 571, Stop: 2208, Start Num: 126
Candidate Starts for Nimbo_2:
(Start: 126 @571 has 206 MA's), (133, 580), (Start: 147 @595 has 3 MA's), (Start: 217 @652 has 209 MA's), (Start: 219 @655 has 2 MA's), (271, 718), (310, 757), (372, 844), (419, 904), (433, 916), (442, 928), (445, 937), (447, 940), (454, 961), (467, 982), (519, 1054), (543, 1093), (580, 1162), (584, 1168), (597, 1198), (598, 1201), (603, 1210), (612, 1225), (621, 1243), (638, 1294), (689, 1387), (695, 1396), (845, 1567), (859, 1579), (915, 1663), (934, 1693), (937, 1696), (940, 1699), (988, 1756), (993, 1771), (995, 1777), (996, 1780), (1007, 1795), (1020, 1804), (1062, 1873), (1082, 1903), (1084, 1912), (1112, 1945), (1140, 1978), (1176, 2005), (1202, 2038), (1222, 2068), (1235, 2089), (1246, 2113), (1251, 2122), (1253, 2125), (1284, 2182),

Gene: Nina_4 Start: 1113, Stop: 2792, Start Num: 176
Candidate Starts for Nina_4:
(Start: 176 @1113 has 83 MA's), (Start: 224 @1164 has 17 MA's), (237, 1185), (295, 1230), (350, 1311), (394, 1377), (406, 1386), (443, 1458), (450, 1473), (468, 1509), (476, 1518), (507, 1569), (572, 1668), (596, 1722), (619, 1758), (687, 1902), (706, 1938), (729, 1977), (747, 2010), (778, 2058), (798, 2091), (814, 2115), (863, 2148), (890, 2181), (913, 2238), (917, 2247), (984, 2331), (1038, 2418), (1112, 2514), (1185, 2586), (1196, 2598), (1265, 2718), (1311, 2778), (1313, 2781),

Gene: Niobe_2 Start: 534, Stop: 2240, Start Num: 101
Candidate Starts for Niobe_2:
(Start: 101 @534 has 50 MA's), (Start: 224 @621 has 17 MA's), (444, 906), (476, 963), (491, 984), (512, 1011), (572, 1101), (596, 1155), (619, 1200), (646, 1275), (699, 1365), (800, 1488), (828, 1527), (915, 1650), (1038, 1830), (1061, 1863), (1096, 1905), (1106, 1920), (1196, 2055), (1217, 2091), (1251, 2151), (1256, 2163),

Gene: Nishikigoi_6 Start: 2173, Stop: 3822, Start Num: 75
Candidate Starts for Nishikigoi_6:

(Start: 75 @2173 has 95 MA's), (Start: 212 @2290 has 5 MA's), (309, 2371), (325, 2398), (363, 2446), (382, 2479), (394, 2500), (450, 2587), (462, 2614), (480, 2635), (515, 2680), (543, 2722), (582, 2794), (593, 2818), (638, 2917), (654, 2953), (673, 2971), (763, 3091), (766, 3094), (786, 3130), (866, 3211), (927, 3301), (936, 3313), (980, 3364), (1007, 3418), (1096, 3538), (1112, 3559), (1128, 3580), (1130, 3583), (1196, 3643), (1251, 3739), (1300, 3817),

Gene: Nithya_17 Start: 10501, Stop: 12246, Start Num: 217
Candidate Starts for Nithya_17:
(Start: 217 @10501 has 209 MA's), (222, 10507), (280, 10594), (287, 10600), (315, 10636), (343, 10690), (345, 10696), (402, 10792), (446, 10867), (504, 10975), (525, 10996), (561, 11065), (604, 11167), (628, 11224), (647, 11281), (653, 11293), (680, 11353), (728, 11452), (731, 11458), (765, 11515), (804, 11581), (940, 11767), (949, 11776), (982, 11818), (991, 11842), (1000, 11863), (1003, 11866), (1179, 12091), (1182, 12094), (1196, 12106), (1244, 12196), (1246, 12199),

Gene: Nitro_2 Start: 535, Stop: 2241, Start Num: 101
Candidate Starts for Nitro_2:
(Start: 101 @535 has 50 MA's), (203, 601), (Start: 224 @622 has 17 MA's), (444, 907), (476, 964), (512, 1012), (572, 1102), (596, 1156), (619, 1201), (646, 1276), (699, 1366), (828, 1528), (915, 1651), (1038, 1831), (1096, 1906), (1106, 1921), (1196, 2056), (1251, 2152), (1256, 2164),

Gene: Nitzel_3 Start: 1235, Stop: 2872, Start Num: 126
Candidate Starts for Nitzel_3:
(Start: 117 @1232 has 12 MA's), (Start: 126 @1235 has 206 MA's), (Start: 147 @1259 has 3 MA's), (153, 1265), (Start: 176 @1280 has 83 MA's), (Start: 184 @1292 has 3 MA's), (Start: 217 @1316 has 209 MA's), (Start: 219 @1319 has 2 MA's), (271, 1382), (291, 1400), (310, 1421), (372, 1508), (375, 1514), (419, 1568), (433, 1580), (442, 1592), (445, 1601), (447, 1604), (454, 1625), (467, 1646), (482, 1661), (519, 1718), (543, 1757), (580, 1826), (584, 1832), (597, 1862), (598, 1865), (603, 1874), (612, 1889), (621, 1907), (638, 1958), (695, 2060), (845, 2231), (859, 2243), (872, 2261), (915, 2327), (934, 2357), (937, 2360), (940, 2363), (988, 2420), (993, 2435), (995, 2441), (996, 2444), (1007, 2459), (1020, 2468), (1062, 2537), (1082, 2567), (1084, 2576), (1112, 2609), (1140, 2642), (1176, 2669), (1202, 2702), (1219, 2729), (1222, 2732), (1235, 2753), (1246, 2777), (1251, 2786), (1253, 2789), (1284, 2846),

Gene: Nivinsha_7 Start: 3594, Stop: 5333, Start Num: 217
Candidate Starts for Nivinsha_7:
(Start: 217 @3594 has 209 MA's), (287, 3693), (353, 3813), (426, 3912), (446, 3954), (458, 3984), (482, 4014), (504, 4062), (525, 4083), (580, 4185), (604, 4254), (616, 4278), (647, 4368), (680, 4440), (713, 4515), (728, 4539), (804, 4668), (868, 4749), (949, 4863), (967, 4881), (970, 4887), (1000, 4950), (1003, 4953), (1136, 5142), (1146, 5157), (1163, 5163), (1182, 5181), (1196, 5193), (1244, 5283), (1246, 5286),

Gene: Nivrat_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for Nivrat_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 176 @617 has 83 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (Start: 231 @674 has 26 MA's), (271, 719), (310, 758), (372, 845), (375, 851), (419, 905), (433, 917), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (689, 1388), (695, 1397), (845, 1568), (859, 1580), (872, 1598), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1140, 1979), (1176, 2006), (1202, 2039), (1219, 2066), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: Niza_13 Start: 8083, Stop: 9771, Start Num: 108
Candidate Starts for Niza_13:
(Start: 108 @8083 has 24 MA's), (292, 8254), (Start: 302 @8263 has 3 MA's), (363, 8347), (380, 8374), (383, 8383), (476, 8533), (500, 8566), (558, 8641), (593, 8731), (603, 8755), (621, 8782), (637, 8830), (679, 8899), (720, 8986), (727, 8995), (760, 9046), (939, 9280), (952, 9292), (988, 9334), (995, 9355), (1020, 9382), (1096, 9490), (1182, 9580), (1246, 9685),

Gene: NoPickles_13 Start: 7213, Stop: 8958, Start Num: 217
Candidate Starts for NoPickles_13:
(Start: 217 @7213 has 209 MA's), (222, 7219), (280, 7306), (287, 7312), (315, 7348), (343, 7402), (504, 7687), (523, 7705), (525, 7708), (561, 7777), (604, 7879), (621, 7915), (628, 7936), (636, 7960), (660, 8017), (680, 8065), (709, 8131), (728, 8164), (731, 8170), (748, 8200), (761, 8221), (804, 8293), (949, 8488), (991, 8554), (1000, 8575), (1003, 8578), (1043, 8638), (1125, 8749), (1161, 8785), (1182, 8806), (1196, 8818), (1226, 8866), (1244, 8908), (1246, 8911),

Gene: NoShow_2 Start: 679, Stop: 2346, Start Num: 176
Candidate Starts for NoShow_2:
(Start: 176 @679 has 83 MA's), (Start: 188 @697 has 4 MA's), (Start: 231 @742 has 26 MA's), (325, 835), (350, 871), (450, 1033), (476, 1078), (491, 1099), (507, 1126), (582, 1243), (597, 1279), (634, 1354), (821, 1678), (871, 1714), (890, 1738), (923, 1813), (984, 1885), (996, 1915), (1007, 1930), (1031, 1963), (1064, 2011), (1091, 2041), (1112, 2068), (1132, 2095), (1170, 2116), (1234, 2218), (1253, 2257),

Gene: NoSleep_9 Start: 2462, Stop: 4132, Start Num: 301
Candidate Starts for NoSleep_9:
(Start: 301 @2462 has 48 MA's), (344, 2525), (479, 2759), (548, 2861), (632, 3041), (641, 3065), (650, 3083), (663, 3095), (694, 3158), (698, 3170), (725, 3215), (734, 3230), (784, 3308), (811, 3353), (845, 3407), (851, 3413), (917, 3527), (994, 3671), (1019, 3707), (1118, 3860), (1129, 3872), (1175, 3929), (1205, 3965), (1235, 4016), (1251, 4052), (1253, 4055), (1294, 4121),

Gene: NoSwimming_4 Start: 2180, Stop: 3946, Start Num: 198
Candidate Starts for NoSwimming_4:
(Start: 198 @2180 has 6 MA's), (280, 2303), (283, 2306), (340, 2381), (349, 2408), (379, 2450), (426, 2519), (442, 2552), (447, 2564), (510, 2660), (590, 2807), (663, 2942), (665, 2948), (702, 3029), (723, 3056), (725, 3059), (926, 3374), (946, 3404), (989, 3482), (1115, 3677), (1122, 3689), (1177, 3764), (1185, 3773), (1201, 3791), (1293, 3935),

Gene: Nobel_3 Start: 1179, Stop: 2639, Start Num: 193
Candidate Starts for Nobel_3:
(Start: 193 @1179 has 146 MA's), (Start: 198 @1185 has 6 MA's), (325, 1347), (330, 1356), (377, 1416), (415, 1485), (431, 1506), (455, 1557), (606, 1761), (669, 1896), (744, 1974), (753, 1989), (765, 2007), (777, 2025), (804, 2067), (832, 2100), (840, 2118), (923, 2238), (925, 2241), (936, 2253), (943, 2265), (953, 2277), (990, 2328), (1028, 2385), (1031, 2391), (1038, 2400), (1044, 2409), (1045, 2412), (1186, 2574), (1199, 2583), (1205, 2592), (1232, 2631),

Gene: Nodigi_5 Start: 1094, Stop: 2791, Start Num: 173
Candidate Starts for Nodigi_5:
(Start: 173 @1094 has 9 MA's), (Start: 224 @1148 has 17 MA's), (237, 1169), (Start: 255 @1196 has 1 MA's), (350, 1307), (407, 1385), (445, 1460), (450, 1469), (476, 1514), (480, 1517), (507, 1565), (518, 1577), (572, 1664), (619, 1754), (654, 1844), (687, 1898), (814, 2111), (827, 2126), (846, 2135), (890, 2177), (917, 2243), (920, 2249), (956, 2291), (983, 2324), (988, 2333), (1064, 2453), (1112, 2510), (1128, 2531), (1170, 2558), (1210, 2618), (1249, 2687), (1251, 2690), (1280, 2735), (1311, 2777), (1313, 2780),

Gene: Noelani_3 Start: 1062, Stop: 2522, Start Num: 193
Candidate Starts for Noelani_3:
(Start: 193 @1062 has 146 MA's), (Start: 198 @1068 has 6 MA's), (325, 1230), (330, 1239), (377, 1299), (415, 1368), (431, 1389), (455, 1440), (606, 1644), (669, 1779), (744, 1857), (753, 1872), (765, 1890), (777, 1908), (804, 1950), (832, 1983), (840, 2001), (923, 2121), (925, 2124), (936, 2136), (943, 2148), (953, 2160), (990, 2211), (1028, 2268), (1031, 2274), (1038, 2283), (1044, 2292), (1045, 2295), (1186, 2457), (1199, 2466), (1205, 2475), (1232, 2514),

Gene: Noella_12 Start: 7044, Stop: 8741, Start Num: 102
Candidate Starts for Noella_12:
(Start: 102 @7044 has 391 MA's), (Start: 126 @7068 has 206 MA's), (363, 7314), (465, 7488), (476, 7500), (503, 7539), (518, 7551), (558, 7608), (569, 7632), (593, 7698), (596, 7707), (634, 7788), (646, 7821), (720, 7953), (729, 7965), (763, 8019), (778, 8040), (798, 8073), (855, 8127), (915, 8214), (928, 8238), (930, 8241), (936, 8247), (943, 8256), (988, 8304), (1007, 8343), (1015, 8346), (1026, 8364), (1096, 8460), (1134, 8514), (1253, 8667), (1269, 8697), (1292, 8727), (1294, 8730),

Gene: Noelle_11 Start: 6950, Stop: 8647, Start Num: 102
Candidate Starts for Noelle_11:
(Start: 102 @6950 has 391 MA's), (Start: 126 @6974 has 206 MA's), (Start: 191 @7046 has 6 MA's), (363, 7220), (473, 7403), (476, 7406), (503, 7445), (558, 7514), (569, 7538), (593, 7604), (634, 7694), (720, 7859), (751, 7904), (778, 7946), (798, 7979), (888, 8072), (913, 8117), (915, 8120), (928, 8144), (930, 8147), (988, 8210), (1007, 8249), (1026, 8270), (1096, 8366), (1269, 8603), (1292, 8633), (1294, 8636),

Gene: NonchalantPear_8 Start: 2214, Stop: 3884, Start Num: 301
Candidate Starts for NonchalantPear_8:
(Start: 301 @2214 has 48 MA's), (344, 2277), (479, 2511), (548, 2613), (632, 2793), (641, 2817), (650, 2835), (663, 2847), (694, 2910), (698, 2922), (725, 2967), (734, 2982), (784, 3060), (811, 3105), (845, 3159), (851, 3165), (917, 3279), (946, 3327), (994, 3423), (1007, 3444), (1019, 3459), (1118, 3612), (1129, 3624), (1175, 3681), (1205, 3717), (1235, 3768), (1251, 3804), (1253, 3807), (1294, 3873),

Gene: Norbert_11 Start: 7044, Stop: 8741, Start Num: 102
Candidate Starts for Norbert_11:
(Start: 102 @7044 has 391 MA's), (Start: 126 @7068 has 206 MA's), (363, 7314), (465, 7488), (476, 7500), (503, 7539), (518, 7551), (558, 7608), (569, 7632), (593, 7698), (596, 7707), (634, 7788), (646, 7821), (720, 7953), (729, 7965), (763, 8019), (778, 8040), (798, 8073), (855, 8127), (915, 8214), (928, 8238), (930, 8241), (936, 8247), (943, 8256), (988, 8304), (1007, 8343), (1015, 8346), (1026, 8364), (1096, 8460), (1134, 8514), (1253, 8667), (1269, 8697), (1292, 8727), (1294, 8730),

Gene: NormanBulbieJr_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for NormanBulbieJr_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 176 @617 has 83 MA's), (Start: 184 @629 has 3 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (310, 758), (372, 845), (419, 905), (433, 917), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (482, 998), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (689, 1388), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1140, 1979), (1176, 2006), (1202, 2039), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: NorthStar_11 Start: 6884, Stop: 8581, Start Num: 102

Candidate Starts for NorthStar_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Northrop_11 Start: 6883, Stop: 8580, Start Num: 102
Candidate Starts for Northrop_11:
(Start: 102 @6883 has 391 MA's), (Start: 126 @6907 has 206 MA's), (Start: 239 @7030 has 2 MA's), (339, 7120), (363, 7153), (426, 7252), (473, 7336), (476, 7339), (503, 7378), (558, 7447), (569, 7471), (593, 7537), (634, 7627), (720, 7792), (778, 7879), (798, 7912), (864, 7978), (913, 8050), (915, 8053), (928, 8077), (980, 8128), (988, 8143), (1007, 8182), (1026, 8203), (1096, 8299), (1269, 8536), (1292, 8566), (1294, 8569),

Gene: Norvs_31 Start: 8685, Stop: 10433, Start Num: 127
Candidate Starts for Norvs_31:
(Start: 127 @8685 has 26 MA's), (153, 8715), (280, 8844), (419, 9030), (433, 9069), (447, 9093), (478, 9141), (496, 9168), (511, 9198), (619, 9390), (627, 9408), (704, 9570), (756, 9618), (766, 9633), (901, 9816), (905, 9822), (957, 9906), (991, 9993), (1016, 10026), (1084, 10140), (1115, 10176), (1134, 10200), (1159, 10215), (1273, 10389), (1278, 10395),

Gene: Norz_13 Start: 7718, Stop: 9406, Start Num: 102
Candidate Starts for Norz_13:
(Start: 102 @7718 has 391 MA's), (363, 7982), (379, 8006), (476, 8168), (500, 8201), (558, 8276), (593, 8366), (603, 8390), (637, 8465), (720, 8621), (760, 8681), (939, 8915), (952, 8927), (988, 8969), (995, 8990), (1020, 9017), (1096, 9125), (1182, 9215), (1246, 9320),

Gene: NosilaM_27 Start: 12802, Stop: 14526, Start Num: 130
Candidate Starts for NosilaM_27:
(Start: 126 @12796 has 206 MA's), (Start: 130 @12802 has 2 MA's), (270, 12946), (317, 12997), (319, 13003), (337, 13030), (346, 13042), (361, 13072), (375, 13096), (384, 13114), (597, 13507), (612, 13534), (695, 13702), (699, 13714), (716, 13747), (798, 13825), (959, 14041), (973, 14071), (996, 14122), (1031, 14170), (1084, 14245), (1094, 14257), (1121, 14293), (1246, 14431), (1261, 14461),

Gene: NotAPhaseMom_11 Start: 6888, Stop: 8585, Start Num: 102
Candidate Starts for NotAPhaseMom_11:
(Start: 102 @6888 has 391 MA's), (Start: 126 @6912 has 206 MA's), (Start: 239 @7035 has 2 MA's), (339, 7125), (363, 7158), (426, 7257), (473, 7341), (476, 7344), (503, 7383), (558, 7452), (569, 7476), (593, 7542), (634, 7632), (720, 7797), (778, 7884), (798, 7917), (864, 7983), (913, 8055), (915, 8058), (928, 8082), (980, 8133), (988, 8148), (1007, 8187), (1026, 8208), (1096, 8304), (1269, 8541), (1292, 8571), (1294, 8574),

Gene: NothingSpecial_14 Start: 9458, Stop: 11239, Start Num: 103
Candidate Starts for NothingSpecial_14:
(Start: 103 @9458 has 278 MA's), (Start: 231 @9590 has 26 MA's), (288, 9689), (473, 9971), (476, 9974), (503, 10013), (558, 10082), (593, 10172), (603, 10196), (646, 10295), (673, 10328), (857, 10628), (915, 10715), (936, 10748), (992, 10814), (1026, 10862), (1086, 10946), (1096, 10958), (1269, 11195), (1290, 11222), (1292, 11225),

Gene: NovoPizza_3 Start: 1933, Stop: 3579, Start Num: 84
Candidate Starts for NovoPizza_3:

(56, 1885), (60, 1897), (Start: 76 @1924 has 1 MA's), (Start: 84 @1933 has 21 MA's), (Start: 182 @2005 has 18 MA's), (199, 2020), (Start: 221 @2035 has 5 MA's), (Start: 232 @2053 has 12 MA's), (281, 2122), (332, 2191), (373, 2230), (431, 2320), (451, 2356), (494, 2419), (555, 2497), (631, 2656), (642, 2683), (643, 2686), (647, 2695), (690, 2761), (736, 2812), (837, 2971), (839, 2974), (841, 2977), (873, 3016), (884, 3028), (914, 3082), (939, 3112), (952, 3127), (963, 3139), (984, 3169), (1005, 3211), (1009, 3217), (1017, 3220), (1044, 3265), (1047, 3271), (1069, 3298), (1087, 3313), (1130, 3364), (1167, 3421), (1188, 3445), (1200, 3460), (1202, 3463), (1251, 3526), (1267, 3559),

Gene: NovumRegina_24 Start: 12509, Stop: 14236, Start Num: 124
Candidate Starts for NovumRegina_24:
(22, 12275), (52, 12404), (Start: 124 @12509 has 12 MA's), (270, 12659), (317, 12710), (319, 12716), (346, 12755), (361, 12785), (375, 12809), (384, 12827), (398, 12854), (425, 12917), (433, 12935), (597, 13220), (612, 13247), (643, 13331), (695, 13415), (699, 13427), (716, 13460), (798, 13538), (867, 13616), (915, 13688), (937, 13721), (973, 13784), (988, 13811), (996, 13835), (1020, 13859), (1084, 13958), (1121, 14006), (1246, 14144), (1261, 14174), (1297, 14228),

Gene: Noxious_13 Start: 7751, Stop: 9439, Start Num: 102
Candidate Starts for Noxious_13:
(Start: 102 @7751 has 391 MA's), (Start: 302 @7931 has 3 MA's), (363, 8015), (383, 8051), (406, 8078), (476, 8201), (500, 8234), (558, 8309), (593, 8399), (603, 8423), (621, 8450), (637, 8498), (679, 8567), (714, 8642), (720, 8654), (727, 8663), (760, 8714), (930, 8939), (939, 8948), (952, 8960), (988, 9002), (995, 9023), (1020, 9050), (1096, 9158), (1182, 9248), (1246, 9353),

Gene: Nubia_5 Start: 3068, Stop: 4633, Start Num: 155
Candidate Starts for Nubia_5:
(Start: 155 @3068 has 82 MA's), (Start: 300 @3242 has 12 MA's), (Start: 324 @3278 has 4 MA's), (374, 3332), (380, 3341), (395, 3371), (396, 3374), (404, 3389), (409, 3398), (489, 3524), (584, 3653), (586, 3659), (607, 3719), (636, 3779), (740, 3878), (759, 3908), (768, 3923), (797, 3971), (883, 4091), (923, 4166), (977, 4235), (1030, 4310), (1044, 4331), (1093, 4352), (1141, 4421), (1222, 4499), (1244, 4538), (1264, 4568), (1272, 4580), (1308, 4619), (1315, 4628),

Gene: Nyilah_2 Start: 689, Stop: 2329, Start Num: 241
Candidate Starts for Nyilah_2:
(Start: 160 @596 has 5 MA's), (Start: 241 @689 has 2 MA's), (Start: 244 @692 has 5 MA's), (295, 782), (315, 806), (335, 842), (337, 845), (426, 1013), (442, 1037), (476, 1100), (538, 1187), (590, 1277), (603, 1310), (607, 1319), (623, 1340), (635, 1376), (737, 1511), (747, 1517), (751, 1523), (771, 1556), (814, 1625), (917, 1739), (1007, 1880), (1016, 1883), (1046, 1943), (1064, 1979), (1094, 2027), (1113, 2060), (1134, 2093), (1246, 2234), (1267, 2276), (1283, 2303),

Gene: Nymphadora_2 Start: 498, Stop: 2222, Start Num: 206
Candidate Starts for Nymphadora_2:
(Start: 193 @483 has 146 MA's), (Start: 206 @498 has 29 MA's), (280, 588), (426, 804), (437, 828), (439, 834), (450, 858), (483, 915), (536, 987), (633, 1185), (655, 1227), (664, 1233), (702, 1317), (723, 1344), (793, 1455), (809, 1482), (926, 1659), (1092, 1932), (1094, 1935), (1098, 1941), (1115, 1962), (1141, 2001), (1177, 2049), (1185, 2058), (1205, 2082), (1226, 2100), (1253, 2157), (1295, 2214),

Gene: Nyxis_11 Start: 6830, Stop: 8527, Start Num: 102
Candidate Starts for Nyxis_11:
(24, 6644), (26, 6653), (32, 6671), (36, 6701), (Start: 102 @6830 has 391 MA's), (Start: 126 @6854 has 206 MA's), (Start: 239 @6977 has 2 MA's), (339, 7067), (363, 7100), (426, 7199), (473, 7283), (476, 7286), (503, 7325), (558, 7394), (569, 7418), (593, 7484), (634, 7574), (720, 7739), (778, 7826), (798, 7859), (864, 7925), (913, 7997), (915, 8000), (928, 8024), (980, 8075), (988, 8090), (1007, 8129), (1026, 8150), (1096, 8246), (1269, 8483), (1292, 8513), (1294, 8516),

Gene: OBUpride_5 Start: 1855, Stop: 3489, Start Num: 84
Candidate Starts for OBUpride_5:
(Start: 84 @1855 has 21 MA's), (Start: 128 @1894 has 3 MA's), (199, 1942), (332, 2113), (373, 2152), (487, 2332), (494, 2341), (499, 2350), (550, 2413), (555, 2419), (594, 2503), (595, 2506), (596, 2509), (642, 2605), (643, 2608), (647, 2617), (690, 2683), (720, 2713), (738, 2740), (758, 2773), (772, 2794), (774, 2797), (837, 2893), (855, 2914), (914, 3004), (950, 3046), (965, 3064), (968, 3070), (1005, 3133), (1009, 3139), (1017, 3142), (1044, 3187), (1047, 3193), (1069, 3220), (1087, 3235), (1130, 3286), (1135, 3295), (1145, 3310), (1148, 3313), (1176, 3352), (1188, 3367), (1200, 3382), (1202, 3385), (1263, 3463), (1267, 3469),

Gene: OKCentral2016_11 Start: 6407, Stop: 8080, Start Num: 102
Candidate Starts for OKCentral2016_11:
(Start: 102 @6407 has 391 MA's), (Start: 239 @6536 has 2 MA's), (316, 6602), (363, 6668), (390, 6713), (426, 6767), (450, 6809), (476, 6854), (503, 6893), (543, 6941), (558, 6962), (569, 6986), (593, 7037), (646, 7160), (687, 7229), (732, 7307), (769, 7367), (798, 7412), (864, 7478), (913, 7550), (915, 7553), (928, 7577), (988, 7643), (1007, 7682), (1015, 7685), (1026, 7703), (1096, 7799), (1144, 7868), (1269, 8036), (1292, 8066), (1294, 8069),

Gene: OKaNui_11 Start: 6649, Stop: 8346, Start Num: 102
Candidate Starts for OKaNui_11:
(Start: 102 @6649 has 391 MA's), (Start: 126 @6673 has 206 MA's), (Start: 239 @6796 has 2 MA's), (339, 6886), (363, 6919), (426, 7018), (473, 7102), (476, 7105), (503, 7144), (558, 7213), (569, 7237), (593, 7303), (634, 7393), (720, 7558), (778, 7645), (798, 7678), (864, 7744), (913, 7816), (915, 7819), (928, 7843), (988, 7909), (1007, 7948), (1026, 7969), (1096, 8065), (1267, 8299), (1269, 8302), (1292, 8332), (1294, 8335),

Gene: OMalley_2 Start: 429, Stop: 1994, Start Num: 155
Candidate Starts for OMalley_2:
(Start: 155 @429 has 82 MA's), (Start: 297 @600 has 2 MA's), (374, 693), (409, 759), (430, 783), (455, 837), (554, 966), (607, 1080), (636, 1140), (647, 1170), (759, 1269), (768, 1284), (815, 1365), (883, 1452), (923, 1527), (925, 1530), (953, 1560), (1015, 1644), (1044, 1692), (1096, 1716), (1182, 1806), (1222, 1860), (1272, 1941), (1308, 1980),

Gene: Oaklynn_3 Start: 1074, Stop: 2534, Start Num: 193
Candidate Starts for Oaklynn_3:
(Start: 193 @1074 has 146 MA's), (Start: 198 @1080 has 6 MA's), (325, 1242), (330, 1251), (377, 1311), (415, 1380), (431, 1401), (455, 1452), (606, 1656), (669, 1791), (744, 1869), (753, 1884), (777, 1920), (804, 1962), (832, 1995), (840, 2013), (923, 2133), (925, 2136), (936, 2148), (990, 2223), (1031, 2286), (1044, 2304), (1045, 2307), (1186, 2469), (1199, 2478), (1205, 2487), (1232, 2526),

Gene: Obama12_11 Start: 6863, Stop: 8560, Start Num: 102
Candidate Starts for Obama12_11:
(Start: 102 @6863 has 391 MA's), (Start: 126 @6887 has 206 MA's), (Start: 239 @7010 has 2 MA's), (339, 7100), (363, 7133), (473, 7316), (476, 7319), (503, 7358), (558, 7427), (569, 7451), (593, 7517), (634, 7607), (720, 7772), (778, 7859), (798, 7892), (864, 7958), (913, 8030), (928, 8057), (980, 8108), (988, 8123), (1007, 8162), (1026, 8183), (1096, 8279), (1269, 8516), (1292, 8546), (1294, 8549),

Gene: ObiToo_2 Start: 546, Stop: 2252, Start Num: 101
Candidate Starts for ObiToo_2:
(9, 243), (Start: 101 @546 has 50 MA's), (203, 612), (444, 918), (476, 975), (512, 1023), (572, 1113), (596, 1167), (619, 1212), (646, 1287), (828, 1539), (1038, 1842), (1064, 1881), (1096, 1917), (1106, 1932), (1196, 2067), (1251, 2163), (1256, 2175),

Gene: Obliviate_2 Start: 360, Stop: 1928, Start Num: 163
Candidate Starts for Obliviate_2:
(59, 255), (Start: 163 @360 has 37 MA's), (251, 444), (269, 477), (313, 519), (Start: 324 @537 has 4 MA's), (334, 552), (362, 573), (377, 594), (396, 633), (431, 693), (451, 729), (454, 741), (491, 786), (498, 795), (522, 822), (577, 891), (584, 900), (630, 1005), (637, 1020), (642, 1035), (702, 1113), (736, 1164), (837, 1320), (869, 1359), (898, 1398), (914, 1431), (923, 1443), (963, 1488), (965, 1491), (968, 1497), (984, 1518), (989, 1527), (990, 1530), (1005, 1560), (1033, 1599), (1118, 1701), (1148, 1743), (1156, 1758), (1176, 1779), (1188, 1794), (1251, 1890), (1262, 1902), (1269, 1911),

Gene: Ochi17_2 Start: 581, Stop: 2218, Start Num: 126
Candidate Starts for Ochi17_2:
(Start: 117 @578 has 12 MA's), (Start: 126 @581 has 206 MA's), (Start: 147 @605 has 3 MA's), (Start: 184 @638 has 3 MA's), (Start: 217 @662 has 209 MA's), (Start: 219 @665 has 2 MA's), (271, 728), (310, 767), (372, 854), (375, 860), (419, 914), (442, 938), (445, 947), (447, 950), (454, 971), (467, 992), (519, 1064), (543, 1103), (580, 1172), (584, 1178), (597, 1208), (598, 1211), (603, 1220), (612, 1235), (621, 1253), (638, 1304), (689, 1397), (695, 1406), (845, 1577), (859, 1589), (915, 1673), (934, 1703), (937, 1706), (940, 1709), (988, 1766), (993, 1781), (995, 1787), (996, 1790), (1007, 1805), (1020, 1814), (1062, 1883), (1082, 1913), (1084, 1922), (1112, 1955), (1140, 1988), (1176, 2015), (1202, 2048), (1214, 2069), (1219, 2075), (1222, 2078), (1235, 2099), (1246, 2123), (1251, 2132), (1253, 2135), (1284, 2192),

Gene: Octobien14_13 Start: 6018, Stop: 7493, Start Num: 234
Candidate Starts for Octobien14_13:
(Start: 234 @6018 has 29 MA's), (332, 6165), (374, 6204), (381, 6216), (453, 6339), (550, 6480), (552, 6483), (586, 6540), (599, 6582), (605, 6594), (623, 6618), (631, 6642), (636, 6657), (637, 6660), (646, 6684), (733, 6828), (737, 6837), (753, 6858), (790, 6906), (864, 6981), (869, 6987), (902, 7032), (912, 7056), (918, 7065), (933, 7083), (952, 7101), (1003, 7182), (1017, 7194), (1033, 7224), (1038, 7230), (1118, 7320), (1132, 7338), (1217, 7437), (1230, 7455), (1245, 7485),

Gene: Octopus_3 Start: 1074, Stop: 2534, Start Num: 193
Candidate Starts for Octopus_3:
(Start: 193 @1074 has 146 MA's), (Start: 198 @1080 has 6 MA's), (325, 1242), (330, 1251), (377, 1311), (415, 1380), (431, 1401), (455, 1452), (606, 1656), (744, 1869), (753, 1884), (777, 1920), (804, 1962), (832, 1995), (840, 2013), (923, 2133), (925, 2136), (936, 2148), (990, 2223), (1031, 2286), (1044, 2304), (1045, 2307), (1186, 2469), (1199, 2478), (1205, 2487), (1232, 2526),

Gene: Odesza_13 Start: 7213, Stop: 8958, Start Num: 217
Candidate Starts for Odesza_13:
(Start: 217 @7213 has 209 MA's), (222, 7219), (280, 7306), (287, 7312), (315, 7348), (343, 7402), (504, 7687), (523, 7705), (525, 7708), (561, 7777), (604, 7879), (621, 7915), (628, 7936), (636, 7960), (660, 8017), (680, 8065), (709, 8131), (728, 8164), (731, 8170), (748, 8200), (761, 8221), (804, 8293), (949, 8488), (991, 8554), (1000, 8575), (1003, 8578), (1043, 8638), (1125, 8749), (1161, 8785), (1182, 8806), (1196, 8818), (1226, 8866), (1244, 8908), (1246, 8911),

Gene: OdetoJoy_3 Start: 1155, Stop: 2615, Start Num: 193
Candidate Starts for OdetoJoy_3:
(Start: 193 @1155 has 146 MA's), (Start: 198 @1161 has 6 MA's), (325, 1323), (330, 1332), (377, 1392), (415, 1461), (431, 1482), (455, 1533), (606, 1737), (669, 1872), (744, 1950), (753, 1965), (777, 2001), (804, 2043), (832, 2076), (840, 2094), (923, 2214), (925, 2217), (936, 2229), (990, 2304), (1031, 2367), (1044, 2385), (1045, 2388), (1186, 2550), (1199, 2559), (1205, 2568),

Gene: Odin_11 Start: 6300, Stop: 8084, Start Num: 103

Candidate Starts for Odin_11:
(Start: 103 @6300 has 278 MA's), (288, 6531), (350, 6618), (450, 6771), (473, 6813), (476, 6816), (558, 6927), (569, 6951), (571, 6954), (593, 7017), (603, 7041), (673, 7173), (727, 7281), (1007, 7686), (1026, 7707), (1086, 7791), (1096, 7803), (1198, 7911), (1269, 8040), (1290, 8067), (1292, 8070),

Gene: OfUltron_2 Start: 605, Stop: 2218, Start Num: 147
Candidate Starts for OfUltron_2:
(Start: 117 @578 has 12 MA's), (Start: 126 @581 has 206 MA's), (Start: 147 @605 has 3 MA's), (Start: 184 @638 has 3 MA's), (Start: 217 @662 has 209 MA's), (Start: 219 @665 has 2 MA's), (271, 728), (310, 767), (372, 854), (375, 860), (419, 914), (442, 938), (445, 947), (447, 950), (454, 971), (467, 992), (519, 1064), (543, 1103), (580, 1172), (584, 1178), (597, 1208), (598, 1211), (603, 1220), (612, 1235), (621, 1253), (638, 1304), (689, 1397), (695, 1406), (845, 1577), (859, 1589), (915, 1673), (934, 1703), (937, 1706), (940, 1709), (988, 1766), (993, 1781), (995, 1787), (996, 1790), (1007, 1805), (1020, 1814), (1062, 1883), (1082, 1913), (1084, 1922), (1112, 1955), (1140, 1988), (1176, 2015), (1202, 2048), (1214, 2069), (1219, 2075), (1222, 2078), (1235, 2099), (1246, 2123), (1251, 2132), (1253, 2135), (1284, 2192),

Gene: OhMyWard_17 Start: 10313, Stop: 12058, Start Num: 217
Candidate Starts for OhMyWard_17:
(Start: 217 @10313 has 209 MA's), (222, 10319), (280, 10406), (287, 10412), (315, 10448), (343, 10502), (357, 10535), (438, 10661), (504, 10787), (523, 10805), (525, 10808), (561, 10877), (604, 10979), (653, 11105), (680, 11165), (728, 11264), (731, 11270), (748, 11300), (765, 11327), (804, 11393), (868, 11474), (903, 11531), (921, 11552), (949, 11588), (982, 11630), (991, 11654), (1000, 11675), (1003, 11678), (1182, 11906), (1196, 11918), (1207, 11936), (1244, 12008), (1246, 12011),

Gene: OhShagHennessy_4 Start: 1031, Stop: 2608, Start Num: 155
Candidate Starts for OhShagHennessy_4:
(Start: 149 @1025 has 70 MA's), (Start: 155 @1031 has 82 MA's), (284, 1202), (352, 1289), (374, 1307), (379, 1313), (396, 1349), (486, 1487), (488, 1490), (550, 1565), (584, 1622), (585, 1625), (659, 1793), (684, 1847), (688, 1856), (700, 1871), (713, 1892), (737, 1931), (753, 1952), (757, 1958), (777, 1985), (808, 2027), (848, 2051), (866, 2069), (873, 2078), (876, 2084), (902, 2117), (918, 2150), (953, 2189), (962, 2195), (963, 2198), (990, 2243), (1031, 2309), (1069, 2360), (1093, 2384), (1111, 2399), (1114, 2402), (1207, 2504), (1224, 2531), (1252, 2582), (1254, 2585),

Gene: Ohfah_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Ohfah_11:
(26, 6707), (32, 6725), (36, 6755), (Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Ohgeesy_2 Start: 318, Stop: 1901, Start Num: 134
Candidate Starts for Ohgeesy_2:
(Start: 134 @318 has 105 MA's), (251, 426), (313, 504), (332, 537), (397, 621), (402, 630), (461, 726), (550, 816), (596, 912), (607, 936), (630, 978), (679, 1071), (736, 1137), (760, 1179), (812, 1257), (830, 1281), (837, 1293), (855, 1314), (873, 1338), (876, 1344), (895, 1365), (952, 1458), (986, 1500), (989, 1506), (1005, 1539), (1044, 1593), (1078, 1629), (1120, 1680), (1164, 1743), (1228, 1827), (1247, 1857),

Gene: Ohno789_10 Start: 6399, Stop: 8087, Start Num: 102
Candidate Starts for Ohno789_10:

(Start: 102 @6399 has 391 MA's), (Start: 302 @6579 has 3 MA's), (363, 6663), (383, 6699), (406, 6726), (476, 6849), (558, 6957), (593, 7047), (603, 7071), (621, 7098), (637, 7146), (679, 7215), (714, 7290), (720, 7302), (760, 7362), (930, 7587), (939, 7596), (952, 7608), (988, 7650), (995, 7671), (1020, 7698), (1096, 7806), (1182, 7896), (1212, 7938), (1267, 8040),

Gene: Okabe_4 Start: 1235, Stop: 2872, Start Num: 126
Candidate Starts for Okabe_4:
(Start: 117 @1232 has 12 MA's), (Start: 126 @1235 has 206 MA's), (Start: 147 @1259 has 3 MA's), (153, 1265), (Start: 176 @1280 has 83 MA's), (Start: 184 @1292 has 3 MA's), (Start: 217 @1316 has 209 MA's), (Start: 219 @1319 has 2 MA's), (271, 1382), (291, 1400), (310, 1421), (372, 1508), (375, 1514), (419, 1568), (433, 1580), (442, 1592), (445, 1601), (447, 1604), (454, 1625), (467, 1646), (482, 1661), (519, 1718), (543, 1757), (580, 1826), (584, 1832), (597, 1862), (598, 1865), (603, 1874), (612, 1889), (621, 1907), (638, 1958), (695, 2060), (845, 2231), (859, 2243), (872, 2261), (915, 2327), (934, 2357), (937, 2360), (940, 2363), (988, 2420), (993, 2435), (995, 2441), (996, 2444), (1007, 2459), (1020, 2468), (1062, 2537), (1082, 2567), (1084, 2576), (1112, 2609), (1140, 2642), (1176, 2669), (1202, 2702), (1219, 2729), (1222, 2732), (1235, 2753), (1246, 2777), (1251, 2786), (1253, 2789), (1284, 2846),

Gene: OlanP_13 Start: 7209, Stop: 8909, Start Num: 104
Candidate Starts for OlanP_13:
(Start: 104 @7209 has 125 MA's), (151, 7257), (Start: 224 @7329 has 17 MA's), (292, 7392), (476, 7671), (593, 7869), (634, 7959), (671, 8022), (760, 8184), (915, 8382), (928, 8406), (930, 8409), (988, 8472), (992, 8484), (995, 8493), (1007, 8511), (1026, 8532), (1096, 8628), (1134, 8682), (1182, 8718), (1269, 8865), (1292, 8895), (1294, 8898),

Gene: OldBen_2 Start: 571, Stop: 2208, Start Num: 126
Candidate Starts for OldBen_2:
(Start: 126 @571 has 206 MA's), (133, 580), (Start: 147 @595 has 3 MA's), (Start: 217 @652 has 209 MA's), (Start: 219 @655 has 2 MA's), (271, 718), (310, 757), (372, 844), (419, 904), (433, 916), (442, 928), (445, 937), (447, 940), (454, 961), (467, 982), (519, 1054), (543, 1093), (580, 1162), (584, 1168), (597, 1198), (598, 1201), (603, 1210), (612, 1225), (621, 1243), (638, 1294), (689, 1387), (695, 1396), (845, 1567), (859, 1579), (915, 1663), (934, 1693), (937, 1696), (940, 1699), (988, 1756), (993, 1771), (995, 1777), (996, 1780), (1007, 1795), (1020, 1804), (1062, 1873), (1082, 1903), (1084, 1912), (1112, 1945), (1140, 1978), (1176, 2005), (1202, 2038), (1222, 2068), (1235, 2089), (1246, 2113), (1251, 2122), (1253, 2125), (1284, 2182),

Gene: OlgasClover_17 Start: 10502, Stop: 12247, Start Num: 217
Candidate Starts for OlgasClover_17:
(Start: 217 @10502 has 209 MA's), (222, 10508), (280, 10595), (287, 10601), (315, 10637), (343, 10691), (446, 10868), (466, 10910), (504, 10976), (525, 10997), (561, 11066), (604, 11168), (628, 11225), (647, 11282), (653, 11294), (680, 11354), (728, 11453), (731, 11459), (765, 11516), (804, 11582), (940, 11768), (949, 11777), (991, 11843), (1000, 11864), (1003, 11867), (1131, 12047), (1179, 12092), (1182, 12095), (1196, 12107), (1244, 12197), (1246, 12200),

Gene: Oliynyk_7 Start: 2562, Stop: 4208, Start Num: 75
Candidate Starts for Oliynyk_7:
(Start: 75 @2562 has 95 MA's), (Start: 92 @2580 has 10 MA's), (325, 2784), (382, 2865), (462, 3000), (480, 3021), (515, 3066), (543, 3108), (582, 3180), (593, 3204), (634, 3291), (638, 3303), (673, 3357), (751, 3456), (786, 3516), (920, 3678), (927, 3687), (992, 3777), (1017, 3810), (1062, 3882), (1064, 3885), (1096, 3924), (1112, 3945), (1116, 3951), (1130, 3969), (1217, 4065), (1251, 4125),

Gene: Ollie_13 Start: 6828, Stop: 8528, Start Num: 104
Candidate Starts for Ollie_13:

(Start: 104 @6828 has 125 MA's), (151, 6876), (292, 7011), (426, 7203), (476, 7290), (593, 7488), (634, 7578), (671, 7641), (760, 7803), (915, 8001), (928, 8025), (930, 8028), (988, 8091), (995, 8112), (1026, 8151), (1096, 8247), (1134, 8301), (1182, 8337), (1269, 8484), (1292, 8514), (1294, 8517),

Gene: Olliecat_3 Start: 953, Stop: 2530, Start Num: 211
Candidate Starts for Olliecat_3:
(Start: 211 @953 has 88 MA's), (Start: 231 @980 has 26 MA's), (306, 1070), (330, 1109), (377, 1154), (409, 1217), (426, 1232), (455, 1295), (585, 1451), (607, 1514), (635, 1571), (636, 1574), (642, 1592), (649, 1607), (797, 1829), (844, 1892), (862, 1916), (896, 1967), (898, 1970), (905, 1979), (914, 2003), (962, 2057), (977, 2087), (1015, 2135), (1141, 2273), (1189, 2345), (1246, 2432), (1255, 2450), (1314, 2522),

Gene: OlympiaSaint_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for OlympiaSaint_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 176 @617 has 83 MA's), (Start: 184 @629 has 3 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (310, 758), (372, 845), (419, 905), (433, 917), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (482, 998), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (689, 1388), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1140, 1979), (1176, 2006), (1202, 2039), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: OlympicHelado_8 Start: 3146, Stop: 4891, Start Num: 217
Candidate Starts for OlympicHelado_8:
(Start: 217 @3146 has 209 MA's), (252, 3200), (Start: 255 @3203 has 1 MA's), (280, 3239), (287, 3245), (430, 3479), (485, 3578), (504, 3620), (525, 3641), (547, 3683), (556, 3695), (596, 3794), (604, 3812), (657, 3944), (713, 4073), (728, 4097), (731, 4103), (804, 4226), (859, 4295), (940, 4412), (944, 4418), (967, 4439), (1000, 4508), (1003, 4511), (1038, 4562), (1101, 4649), (1146, 4715), (1182, 4739), (1196, 4751), (1207, 4769), (1244, 4841), (1246, 4844),

Gene: Omar_7 Start: 2403, Stop: 4052, Start Num: 75
Candidate Starts for Omar_7:
(Start: 75 @2403 has 95 MA's), (Start: 92 @2424 has 10 MA's), (189, 2502), (325, 2628), (350, 2664), (363, 2676), (382, 2709), (443, 2802), (450, 2817), (462, 2844), (480, 2865), (515, 2910), (543, 2952), (582, 3024), (593, 3048), (638, 3147), (663, 3186), (673, 3201), (701, 3261), (751, 3300), (763, 3321), (766, 3324), (786, 3360), (920, 3522), (927, 3531), (936, 3543), (943, 3552), (992, 3621), (1007, 3648), (1064, 3729), (1096, 3768), (1112, 3789), (1130, 3813), (1196, 3873), (1251, 3969), (1265, 3996), (1300, 4047),

Gene: OneUp_24 Start: 6501, Stop: 8249, Start Num: 127
Candidate Starts for OneUp_24:
(Start: 127 @6501 has 26 MA's), (153, 6531), (Start: 241 @6621 has 2 MA's), (280, 6660), (433, 6885), (443, 6900), (447, 6909), (478, 6957), (496, 6984), (619, 7206), (627, 7224), (698, 7374), (756, 7434), (758, 7437), (766, 7449), (936, 7698), (988, 7800), (991, 7809), (992, 7812), (1007, 7839), (1016, 7842), (1084, 7956), (1115, 7992), (1134, 8016), (1273, 8205), (1278, 8211),

Gene: Onestar_7 Start: 3639, Stop: 5387, Start Num: 217
Candidate Starts for Onestar_7:
(Start: 217 @3639 has 209 MA's), (280, 3732), (287, 3738), (325, 3795), (353, 3858), (389, 3915), (458, 4035), (504, 4113), (525, 4134), (580, 4236), (604, 4305), (616, 4329), (647, 4419), (680, 4491), (728, 4590), (791, 4695), (804, 4719), (868, 4803), (949, 4917), (967, 4935), (1000, 5004), (1003,

5007), (1038, 5058), (1068, 5100), (1101, 5145), (1182, 5235), (1196, 5247), (1207, 5265), (1244, 5337), (1246, 5340),

Gene: Onglai_12 Start: 6475, Stop: 8262, Start Num: 103
Candidate Starts for Onglai_12:
(Start: 103 @6475 has 278 MA's), (Start: 117 @6490 has 12 MA's), (Start: 123 @6496 has 9 MA's), (Start: 231 @6607 has 26 MA's), (288, 6706), (406, 6868), (445, 6940), (476, 6994), (503, 7033), (558, 7105), (593, 7195), (603, 7219), (663, 7336), (673, 7351), (727, 7459), (776, 7534), (837, 7630), (920, 7750), (936, 7771), (980, 7810), (1007, 7864), (1015, 7867), (1026, 7885), (1061, 7939), (1086, 7969), (1096, 7981), (1182, 8071), (1198, 8089), (1269, 8218), (1290, 8245), (1292, 8248),

Gene: Oofda_14 Start: 6657, Stop: 8354, Start Num: 103
Candidate Starts for Oofda_14:
(Start: 103 @6657 has 278 MA's), (121, 6675), (292, 6837), (406, 6993), (445, 7062), (476, 7116), (558, 7224), (571, 7251), (593, 7314), (603, 7338), (928, 7854), (988, 7917), (1015, 7959), (1096, 8073), (1196, 8178), (1269, 8310), (1290, 8337), (1292, 8340), (1294, 8343),

Gene: Oogway_10 Start: 6991, Stop: 8679, Start Num: 102
Candidate Starts for Oogway_10:
(Start: 102 @6991 has 391 MA's), (Start: 302 @7171 has 3 MA's), (363, 7255), (383, 7291), (406, 7318), (476, 7441), (500, 7474), (558, 7549), (593, 7639), (603, 7663), (637, 7738), (679, 7807), (714, 7882), (720, 7894), (760, 7954), (930, 8179), (939, 8188), (952, 8200), (988, 8242), (995, 8263), (1020, 8290), (1096, 8398), (1182, 8488), (1246, 8593),

Gene: Opie_2 Start: 520, Stop: 2169, Start Num: 126
Candidate Starts for Opie_2:
(Start: 126 @520 has 206 MA's), (Start: 160 @550 has 5 MA's), (179, 571), (313, 721), (334, 754), (454, 931), (459, 940), (541, 1054), (607, 1189), (679, 1324), (692, 1339), (736, 1390), (760, 1432), (835, 1546), (846, 1564), (854, 1567), (952, 1711), (962, 1720), (1031, 1831), (1044, 1849), (1111, 1921), (1135, 1957), (1178, 2011), (1220, 2071), (1249, 2122),

Gene: Oppalora_2 Start: 370, Stop: 1992, Start Num: 182
Candidate Starts for Oppalora_2:
(Start: 164 @349 has 12 MA's), (Start: 182 @370 has 18 MA's), (374, 601), (377, 604), (381, 613), (400, 649), (409, 667), (455, 745), (554, 850), (607, 964), (625, 988), (636, 1024), (643, 1045), (651, 1060), (682, 1120), (744, 1204), (896, 1420), (905, 1432), (916, 1459), (949, 1498), (953, 1504), (980, 1543), (1000, 1570), (1014, 1582), (1030, 1615), (1038, 1627), (1063, 1660), (1203, 1831), (1246, 1900), (1249, 1906), (1259, 1927), (1271, 1948), (1304, 1978), (1306, 1981), (1308, 1984),

Gene: Orange_12 Start: 8024, Stop: 9787, Start Num: 103
Candidate Starts for Orange_12:
(Start: 103 @8024 has 278 MA's), (Start: 123 @8045 has 9 MA's), (Start: 206 @8132 has 29 MA's), (288, 8261), (309, 8285), (350, 8348), (445, 8492), (473, 8543), (476, 8546), (558, 8657), (569, 8681), (571, 8684), (593, 8747), (596, 8756), (603, 8771), (663, 8888), (673, 8903), (701, 8963), (751, 9047), (920, 9275), (928, 9287), (980, 9335), (988, 9350), (1007, 9389), (1026, 9410), (1049, 9449), (1086, 9494), (1096, 9506), (1269, 9743), (1290, 9770),

Gene: Orcanus_3 Start: 751, Stop: 2331, Start Num: 224
Candidate Starts for Orcanus_3:
(Start: 164 @685 has 12 MA's), (Start: 224 @751 has 17 MA's), (Start: 300 @847 has 12 MA's), (306, 856), (Start: 314 @865 has 1 MA's), (325, 886), (355, 910), (374, 937), (381, 949), (400, 985), (409, 1003), (430, 1027), (443, 1048), (554, 1186), (587, 1249), (607, 1300), (622, 1318), (636, 1360), (643, 1381), (674, 1441), (687, 1471), (698, 1480), (744, 1543), (905, 1771), (923, 1810), (949, 1837), (963,

1852), (980, 1882), (1014, 1921), (1063, 1999), (1093, 2029), (1114, 2056), (1246, 2239), (1249, 2245), (1259, 2266), (1306, 2320),

Gene: Oregano_2 Start: 348, Stop: 1907, Start Num: 134
Candidate Starts for Oregano_2:
(86, 288), (Start: 134 @348 has 105 MA's), (251, 456), (313, 534), (332, 567), (397, 651), (402, 660), (431, 696), (461, 756), (550, 846), (552, 849), (596, 942), (599, 951), (607, 966), (679, 1101), (736, 1167), (760, 1209), (806, 1278), (810, 1284), (837, 1323), (855, 1344), (876, 1374), (895, 1395), (918, 1440), (950, 1476), (952, 1479), (986, 1521), (1078, 1650), (1120, 1701), (1214, 1830), (1266, 1890),

Gene: Origami_2 Start: 553, Stop: 2268, Start Num: 103
Candidate Starts for Origami_2:
(Start: 103 @553 has 278 MA's), (Start: 224 @652 has 17 MA's), (434, 925), (462, 976), (476, 994), (512, 1042), (524, 1054), (572, 1135), (646, 1309), (800, 1522), (930, 1711), (992, 1795), (1096, 1939), (1106, 1954), (1196, 2083), (1256, 2191), (1298, 2254),

Gene: OrionPax_9 Start: 2465, Stop: 4135, Start Num: 301
Candidate Starts for OrionPax_9:
(Start: 301 @2465 has 48 MA's), (344, 2528), (479, 2762), (548, 2864), (632, 3044), (641, 3068), (650, 3086), (663, 3098), (694, 3161), (698, 3173), (725, 3218), (734, 3233), (784, 3311), (811, 3356), (845, 3410), (851, 3416), (917, 3530), (946, 3578), (994, 3674), (1019, 3710), (1118, 3863), (1129, 3875), (1175, 3932), (1205, 3968), (1235, 4019), (1251, 4055), (1253, 4058), (1294, 4124),

Gene: Orla_5 Start: 1093, Stop: 2793, Start Num: 173
Candidate Starts for Orla_5:
(80, 985), (Start: 173 @1093 has 9 MA's), (Start: 224 @1147 has 17 MA's), (237, 1168), (Start: 255 @1195 has 1 MA's), (350, 1306), (407, 1384), (426, 1417), (445, 1459), (450, 1468), (476, 1513), (480, 1516), (507, 1564), (543, 1612), (558, 1633), (572, 1663), (619, 1753), (654, 1843), (687, 1897), (729, 1972), (814, 2110), (827, 2125), (846, 2134), (887, 2170), (890, 2176), (917, 2242), (920, 2248), (984, 2326), (988, 2332), (1042, 2419), (1064, 2452), (1112, 2509), (1128, 2530), (1170, 2557), (1210, 2617), (1249, 2686), (1251, 2689), (1269, 2719), (1280, 2734), (1311, 2779), (1313, 2782),

Gene: OtsoOtso_3 Start: 849, Stop: 2330, Start Num: 300
Candidate Starts for OtsoOtso_3:
(Start: 164 @684 has 12 MA's), (Start: 300 @849 has 12 MA's), (325, 888), (374, 939), (381, 951), (400, 987), (409, 1005), (554, 1188), (607, 1302), (619, 1314), (636, 1362), (643, 1383), (651, 1398), (682, 1455), (905, 1770), (949, 1836), (980, 1881), (1014, 1920), (1020, 1932), (1063, 1998), (1093, 2028), (1126, 2073), (1157, 2115), (1182, 2142), (1184, 2145), (1246, 2238), (1249, 2244), (1259, 2265), (1265, 2277), (1304, 2316), (1306, 2319),

Gene: Otwor_3 Start: 1086, Stop: 2546, Start Num: 193
Candidate Starts for Otwor_3:
(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (744, 1881), (753, 1896), (777, 1932), (804, 1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: OurGirlNessie_2 Start: 426, Stop: 1991, Start Num: 155
Candidate Starts for OurGirlNessie_2:
(Start: 155 @426 has 82 MA's), (253, 549), (374, 690), (396, 732), (409, 756), (430, 780), (540, 942), (607, 1077), (623, 1098), (636, 1137), (740, 1236), (759, 1266), (768, 1281), (786, 1314), (815, 1362), (825, 1371), (883, 1449), (905, 1485), (923, 1524), (953, 1557), (963, 1566), (977, 1593), (1020, 1647), (1044, 1689), (1111, 1734), (1126, 1755), (1141, 1779), (1222, 1857),

Gene: Outis_25 Start: 12805, Stop: 14535, Start Num: 126
Candidate Starts for Outis_25:
(Start: 126 @12805 has 206 MA's), (Start: 130 @12811 has 2 MA's), (317, 13006), (319, 13012), (346, 13051), (361, 13081), (384, 13123), (472, 13300), (597, 13516), (612, 13543), (695, 13711), (699, 13723), (716, 13756), (798, 13834), (937, 14017), (959, 14050), (973, 14080), (996, 14131), (1031, 14179), (1084, 14254), (1094, 14266), (1121, 14302), (1246, 14440), (1261, 14470),

Gene: Ovechkin_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Ovechkin_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: OverPar_4 Start: 1069, Stop: 2637, Start Num: 149
Candidate Starts for OverPar_4:
(Start: 149 @1069 has 70 MA's), (Start: 155 @1075 has 82 MA's), (271, 1231), (484, 1528), (488, 1534), (533, 1594), (582, 1666), (585, 1672), (636, 1792), (659, 1840), (684, 1894), (700, 1918), (728, 1963), (733, 1969), (753, 1999), (757, 2005), (777, 2032), (782, 2041), (848, 2098), (855, 2104), (873, 2125), (876, 2131), (925, 2206), (927, 2209), (963, 2245), (990, 2290), (1031, 2356), (1093, 2431), (1114, 2449), (1118, 2458), (1241, 2605), (1252, 2629), (1254, 2632),

Gene: Owens_3 Start: 1086, Stop: 2546, Start Num: 193
Candidate Starts for Owens_3:
(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (744, 1881), (753, 1896), (777, 1932), (804, 1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: Oxynfrius_5 Start: 3081, Stop: 4646, Start Num: 155
Candidate Starts for Oxynfrius_5:
(Start: 155 @3081 has 82 MA's), (Start: 300 @3255 has 12 MA's), (Start: 324 @3291 has 4 MA's), (374, 3345), (380, 3354), (396, 3387), (404, 3402), (409, 3411), (489, 3537), (573, 3651), (584, 3666), (586, 3672), (607, 3732), (740, 3891), (759, 3921), (797, 3984), (815, 4017), (883, 4104), (923, 4179), (953, 4212), (977, 4248), (1030, 4323), (1044, 4344), (1093, 4365), (1141, 4434), (1222, 4512), (1244, 4551), (1264, 4581), (1272, 4593), (1308, 4632), (1315, 4641),

Gene: Ozzie_6 Start: 2400, Stop: 4028, Start Num: 92
Candidate Starts for Ozzie_6:
(Start: 75 @2382 has 95 MA's), (Start: 92 @2400 has 10 MA's), (325, 2604), (382, 2685), (462, 2820), (480, 2841), (543, 2928), (582, 3000), (593, 3024), (638, 3123), (673, 3177), (751, 3276), (786, 3336), (920, 3498), (927, 3507), (992, 3597), (1007, 3624), (1062, 3702), (1064, 3705), (1096, 3744), (1112, 3765), (1116, 3771), (1130, 3789), (1217, 3885), (1251, 3945),

Gene: OzzyJ_7 Start: 2377, Stop: 4023, Start Num: 75
Candidate Starts for OzzyJ_7:

(Start: 75 @2377 has 95 MA's), (Start: 92 @2395 has 10 MA's), (Start: 239 @2527 has 2 MA's), (325, 2599), (350, 2635), (462, 2815), (480, 2836), (515, 2881), (543, 2923), (582, 2995), (593, 3019), (638, 3118), (643, 3133), (663, 3157), (665, 3163), (786, 3331), (915, 3481), (927, 3502), (980, 3565), (992, 3592), (1064, 3700), (1096, 3739), (1112, 3760), (1116, 3766), (1130, 3784), (1217, 3880), (1251, 3940), (1300, 4018),

Gene: P28Green_13 Start: 6956, Stop: 8656, Start Num: 104
Candidate Starts for P28Green_13:
(Start: 104 @6956 has 125 MA's), (151, 7004), (292, 7139), (426, 7331), (476, 7418), (593, 7616), (634, 7706), (671, 7769), (760, 7931), (915, 8129), (928, 8153), (930, 8156), (988, 8219), (995, 8240), (1026, 8279), (1096, 8375), (1134, 8429), (1182, 8465), (1269, 8612), (1292, 8642), (1294, 8645),

Gene: PCoral7_2 Start: 378, Stop: 1928, Start Num: 180
Candidate Starts for PCoral7_2:
(Start: 134 @348 has 105 MA's), (157, 354), (Start: 163 @360 has 37 MA's), (Start: 166 @363 has 2 MA's), (Start: 180 @378 has 11 MA's), (250, 441), (269, 477), (281, 492), (293, 504), (313, 519), (334, 552), (362, 573), (377, 594), (396, 633), (409, 657), (431, 693), (454, 741), (489, 783), (498, 795), (584, 900), (637, 1020), (642, 1035), (702, 1113), (723, 1146), (736, 1164), (837, 1320), (869, 1359), (914, 1431), (953, 1479), (968, 1497), (984, 1518), (989, 1527), (990, 1530), (1005, 1560), (1044, 1614), (1118, 1701), (1148, 1743), (1188, 1794), (1269, 1911), (1273, 1917),

Gene: PFR1_02 Start: 407, Stop: 1978, Start Num: 214
Candidate Starts for PFR1_02:
(Start: 214 @407 has 4 MA's), (222, 416), (338, 572), (377, 608), (381, 617), (409, 671), (430, 695), (451, 734), (547, 854), (554, 863), (576, 905), (582, 911), (584, 914), (609, 986), (635, 1037), (636, 1040), (640, 1052), (642, 1058), (643, 1061), (661, 1094), (682, 1136), (702, 1160), (906, 1451), (908, 1457), (928, 1499), (953, 1523), (962, 1529), (963, 1532), (977, 1559), (1014, 1601), (1017, 1610), (1020, 1613), (1090, 1667), (1108, 1694), (1133, 1730), (1164, 1763), (1203, 1808), (1246, 1880), (1261, 1910), (1308, 1964),

Gene: PFR2_02 Start: 407, Stop: 1978, Start Num: 214
Candidate Starts for PFR2_02:
(Start: 214 @407 has 4 MA's), (222, 416), (338, 572), (377, 608), (381, 617), (409, 671), (430, 695), (451, 734), (547, 854), (554, 863), (576, 905), (582, 911), (584, 914), (609, 986), (635, 1037), (636, 1040), (640, 1052), (642, 1058), (643, 1061), (661, 1094), (682, 1136), (702, 1160), (906, 1451), (908, 1457), (928, 1499), (953, 1523), (962, 1529), (963, 1532), (977, 1559), (1014, 1601), (1017, 1610), (1020, 1613), (1090, 1667), (1108, 1694), (1133, 1730), (1164, 1763), (1203, 1808), (1246, 1880), (1261, 1910), (1308, 1964),

Gene: PGHhamlin_15 Start: 6949, Stop: 8649, Start Num: 104
Candidate Starts for PGHhamlin_15:
(Start: 104 @6949 has 125 MA's), (151, 6997), (292, 7132), (426, 7324), (476, 7411), (593, 7609), (634, 7699), (671, 7762), (760, 7924), (915, 8122), (928, 8146), (930, 8149), (988, 8212), (995, 8233), (1026, 8272), (1096, 8368), (1134, 8422), (1182, 8458), (1269, 8605), (1292, 8635), (1294, 8638),

Gene: PHappiness_2 Start: 571, Stop: 2208, Start Num: 126
Candidate Starts for PHappiness_2:
(Start: 126 @571 has 206 MA's), (133, 580), (Start: 147 @595 has 3 MA's), (Start: 217 @652 has 209 MA's), (Start: 219 @655 has 2 MA's), (271, 718), (310, 757), (372, 844), (419, 904), (433, 916), (442, 928), (445, 937), (447, 940), (454, 961), (467, 982), (519, 1054), (543, 1093), (580, 1162), (584, 1168), (597, 1198), (598, 1201), (603, 1210), (612, 1225), (621, 1243), (638, 1294), (689, 1387), (695, 1396), (845, 1567), (859, 1579), (915, 1663), (934, 1693), (937, 1696), (940, 1699), (988, 1756), (993, 1771), (995, 1777), (996, 1780), (1007, 1795), (1020, 1804), (1062, 1873), (1082, 1903), (1084, 1912), (1112,

1945), (1140, 1978), (1176, 2005), (1202, 2038), (1222, 2068), (1235, 2089), (1246, 2113), (1251, 2122), (1253, 2125), (1284, 2182),

Gene: PMC_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for PMC_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1132, 1982), (1140, 1994), (1176, 2021), (1202, 2054), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: PP_21 Start: 12452, Stop: 14146, Start Num: 102
Candidate Starts for PP_21:
(Start: 101 @12449 has 50 MA's), (Start: 102 @12452 has 391 MA's), (Start: 166 @12509 has 2 MA's), (171, 12515), (Start: 231 @12581 has 26 MA's), (Start: 302 @12632 has 3 MA's), (320, 12653), (363, 12716), (456, 12875), (465, 12890), (473, 12899), (476, 12902), (489, 12917), (518, 12953), (558, 13010), (569, 13034), (587, 13082), (593, 13100), (646, 13223), (647, 13226), (673, 13256), (720, 13355), (778, 13442), (798, 13475), (855, 13529), (864, 13541), (913, 13613), (928, 13640), (943, 13658), (980, 13691), (991, 13715), (1096, 13862), (1130, 13907), (1253, 14069), (1269, 14099),

Gene: PSullivan_13 Start: 7479, Stop: 9167, Start Num: 102
Candidate Starts for PSullivan_13:
(Start: 102 @7479 has 391 MA's), (Start: 302 @7659 has 3 MA's), (363, 7743), (383, 7779), (406, 7806), (476, 7929), (558, 8037), (593, 8127), (603, 8151), (621, 8178), (637, 8226), (720, 8382), (760, 8442), (939, 8676), (952, 8688), (988, 8730), (995, 8751), (1020, 8778), (1096, 8886), (1182, 8976), (1246, 9081),

Gene: PYPDinur_4 Start: 771, Stop: 2333, Start Num: 149
Candidate Starts for PYPDinur_4:
(Start: 149 @771 has 70 MA's), (Start: 155 @777 has 82 MA's), (271, 927), (Start: 324 @993 has 4 MA's), (348, 1023), (374, 1047), (382, 1062), (404, 1104), (488, 1230), (585, 1368), (591, 1389), (599, 1413), (636, 1488), (659, 1536), (700, 1614), (713, 1635), (728, 1659), (733, 1665), (753, 1695), (757, 1701), (782, 1737), (876, 1827), (953, 1932), (963, 1941), (980, 1965), (990, 1986), (1031, 2052), (1118, 2154), (1224, 2274), (1228, 2280), (1241, 2301), (1252, 2325),

Gene: Pablito_6 Start: 2214, Stop: 3860, Start Num: 75
Candidate Starts for Pablito_6:
(62, 2193), (71, 2208), (Start: 75 @2214 has 95 MA's), (90, 2229), (Start: 239 @2364 has 2 MA's), (363, 2484), (382, 2517), (462, 2652), (480, 2673), (500, 2703), (515, 2718), (543, 2760), (582, 2832), (593, 2856), (638, 2955), (673, 3009), (786, 3168), (843, 3231), (915, 3318), (927, 3339), (980, 3402), (992, 3429), (1086, 3564), (1096, 3576), (1112, 3597), (1116, 3603), (1130, 3621), (1196, 3681), (1251, 3777), (1280, 3825), (1300, 3855),

Gene: Pacc40_2 Start: 571, Stop: 2208, Start Num: 126
Candidate Starts for Pacc40_2:
(Start: 126 @571 has 206 MA's), (133, 580), (Start: 147 @595 has 3 MA's), (Start: 217 @652 has 209 MA's), (Start: 219 @655 has 2 MA's), (271, 718), (310, 757), (372, 844), (419, 904), (433, 916), (442, 928), (445, 937), (447, 940), (454, 961), (467, 982), (519, 1054), (543, 1093), (580, 1162), (584, 1168), (597, 1198), (598, 1201), (603, 1210), (612, 1225), (621, 1243), (638, 1294), (689, 1387), (695, 1396),

(845, 1567), (859, 1579), (915, 1663), (934, 1693), (937, 1696), (940, 1699), (988, 1756), (993, 1771), (995, 1777), (996, 1780), (1007, 1795), (1020, 1804), (1062, 1873), (1082, 1903), (1084, 1912), (1112, 1945), (1140, 1978), (1176, 2005), (1202, 2038), (1222, 2068), (1235, 2089), (1246, 2113), (1251, 2122), (1253, 2125), (1284, 2182),

Gene: PacerPaul_11 Start: 7247, Stop: 8935, Start Num: 102
Candidate Starts for PacerPaul_11:
(Start: 102 @7247 has 391 MA's), (Start: 302 @7427 has 3 MA's), (363, 7511), (383, 7547), (406, 7574), (476, 7697), (558, 7805), (593, 7895), (603, 7919), (637, 7994), (720, 8150), (760, 8210), (930, 8435), (939, 8444), (952, 8456), (988, 8498), (995, 8519), (1020, 8546), (1096, 8654), (1182, 8744), (1246, 8849),

Gene: PackMan_13 Start: 8109, Stop: 9896, Start Num: 103
Candidate Starts for PackMan_13:
(Start: 103 @8109 has 278 MA's), (Start: 117 @8124 has 12 MA's), (Start: 123 @8130 has 9 MA's), (Start: 231 @8241 has 26 MA's), (288, 8340), (406, 8502), (445, 8574), (476, 8628), (503, 8667), (558, 8739), (593, 8829), (603, 8853), (663, 8970), (673, 8985), (727, 9093), (776, 9168), (798, 9204), (837, 9264), (920, 9384), (936, 9405), (980, 9444), (1007, 9498), (1015, 9501), (1026, 9519), (1061, 9573), (1086, 9603), (1096, 9615), (1182, 9705), (1198, 9723), (1269, 9852), (1290, 9879), (1292, 9882),

Gene: PaddyBaddy_9 Start: 2274, Stop: 3944, Start Num: 301
Candidate Starts for PaddyBaddy_9:
(Start: 301 @2274 has 48 MA's), (344, 2337), (479, 2571), (548, 2673), (632, 2853), (641, 2877), (650, 2895), (663, 2907), (694, 2970), (698, 2982), (725, 3027), (734, 3042), (784, 3120), (811, 3165), (845, 3219), (851, 3225), (917, 3339), (994, 3483), (1019, 3519), (1118, 3672), (1129, 3684), (1175, 3741), (1205, 3777), (1235, 3828), (1251, 3864), (1253, 3867), (1294, 3933),

Gene: Paedore_6 Start: 2247, Stop: 3908, Start Num: 75
Candidate Starts for Paedore_6:
(Start: 75 @2247 has 95 MA's), (382, 2565), (443, 2658), (450, 2673), (462, 2700), (480, 2721), (543, 2808), (593, 2904), (607, 2937), (634, 2991), (646, 3024), (665, 3048), (701, 3117), (766, 3180), (769, 3186), (786, 3216), (800, 3234), (869, 3300), (913, 3363), (915, 3366), (920, 3378), (927, 3387), (933, 3396), (980, 3450), (992, 3477), (1096, 3624), (1112, 3645), (1130, 3669), (1196, 3729), (1251, 3825), (1300, 3903),

Gene: Paella_16 Start: 7583, Stop: 9367, Start Num: 217
Candidate Starts for Paella_16:
(Start: 211 @7577 has 88 MA's), (Start: 217 @7583 has 209 MA's), (287, 7682), (387, 7856), (438, 7931), (458, 7979), (504, 8057), (523, 8075), (525, 8078), (561, 8147), (604, 8249), (625, 8294), (628, 8306), (647, 8363), (680, 8435), (728, 8534), (761, 8591), (770, 8606), (804, 8663), (859, 8732), (868, 8744), (912, 8837), (949, 8897), (967, 8915), (970, 8921), (1000, 8984), (1003, 8987), (1030, 9026), (1125, 9158), (1146, 9191), (1182, 9215), (1196, 9227), (1207, 9245), (1244, 9317), (1246, 9320),

Gene: PaintedDog_2 Start: 522, Stop: 2081, Start Num: 138
Candidate Starts for PaintedDog_2:
(Start: 138 @522 has 6 MA's), (Start: 231 @612 has 26 MA's), (327, 699), (364, 756), (399, 819), (467, 936), (475, 945), (519, 1017), (544, 1053), (593, 1161), (597, 1173), (598, 1176), (619, 1215), (627, 1233), (699, 1380), (747, 1422), (807, 1506), (824, 1527), (894, 1590), (936, 1668), (938, 1671), (951, 1683), (1026, 1818), (1027, 1821), (1072, 1884), (1074, 1887), (1097, 1920), (1190, 2001), (1212, 2034),

Gene: PainterBoy_13 Start: 7527, Stop: 9281, Start Num: 103
Candidate Starts for PainterBoy_13:

(Start: 103 @7527 has 278 MA's), (Start: 231 @7659 has 26 MA's), (288, 7758), (350, 7845), (406, 7920), (445, 7989), (473, 8040), (476, 8043), (558, 8151), (593, 8241), (603, 8265), (671, 8394), (673, 8397), (687, 8433), (857, 8673), (864, 8682), (915, 8757), (980, 8829), (988, 8844), (1007, 8883), (1026, 8904), (1086, 8988), (1096, 9000), (1196, 9105), (1246, 9195), (1251, 9204), (1269, 9237), (1290, 9264), (1292, 9267), (1294, 9270), (1296, 9273),

Gene: Palestino_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Palestino_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Panamaxus_12 Start: 7044, Stop: 8741, Start Num: 102
Candidate Starts for Panamaxus_12:
(Start: 102 @7044 has 391 MA's), (Start: 126 @7068 has 206 MA's), (363, 7314), (465, 7488), (476, 7500), (503, 7539), (518, 7551), (558, 7608), (569, 7632), (593, 7698), (596, 7707), (634, 7788), (646, 7821), (720, 7953), (729, 7965), (763, 8019), (778, 8040), (798, 8073), (855, 8127), (915, 8214), (928, 8238), (930, 8241), (936, 8247), (943, 8256), (988, 8304), (1007, 8343), (1015, 8346), (1026, 8364), (1096, 8460), (1134, 8514), (1253, 8667), (1269, 8697), (1292, 8727), (1294, 8730),

Gene: Panchino_2 Start: 509, Stop: 2044, Start Num: 231
Candidate Starts for Panchino_2:
(Start: 231 @509 has 26 MA's), (Start: 234 @512 has 29 MA's), (Start: 245 @527 has 1 MA's), (282, 584), (Start: 297 @602 has 2 MA's), (309, 614), (323, 635), (Start: 324 @638 has 4 MA's), (368, 686), (390, 722), (396, 737), (400, 743), (443, 806), (508, 926), (573, 1010), (601, 1076), (636, 1148), (637, 1151), (641, 1163), (713, 1289), (728, 1313), (769, 1376), (830, 1460), (873, 1517), (886, 1532), (930, 1607), (943, 1625), (1047, 1769), (1079, 1790), (1098, 1823), (1109, 1838), (1134, 1874), (1205, 1952), (1207, 1955), (1210, 1961),

Gene: PandaPo_2 Start: 551, Stop: 2257, Start Num: 103
Candidate Starts for PandaPo_2:
(Start: 103 @551 has 278 MA's), (203, 617), (444, 923), (476, 980), (512, 1028), (572, 1118), (584, 1142), (596, 1172), (646, 1292), (800, 1505), (828, 1544), (1064, 1886), (1096, 1922), (1106, 1937), (1119, 1955), (1196, 2072), (1251, 2168), (1256, 2180),

Gene: PantheRoc_2 Start: 318, Stop: 1901, Start Num: 134
Candidate Starts for PantheRoc_2:
(Start: 134 @318 has 105 MA's), (251, 426), (313, 504), (332, 537), (397, 621), (402, 630), (461, 726), (550, 816), (596, 912), (607, 936), (630, 978), (679, 1071), (736, 1137), (760, 1179), (812, 1257), (830, 1281), (837, 1293), (855, 1314), (873, 1338), (876, 1344), (895, 1365), (950, 1455), (986, 1500), (989, 1506), (1005, 1539), (1044, 1593), (1078, 1629), (1120, 1680), (1164, 1743), (1228, 1827), (1247, 1857),

Gene: PaoPu_3 Start: 1074, Stop: 2534, Start Num: 193
Candidate Starts for PaoPu_3:
(Start: 193 @1074 has 146 MA's), (Start: 198 @1080 has 6 MA's), (325, 1242), (330, 1251), (377, 1311), (415, 1380), (431, 1401), (455, 1452), (606, 1656), (744, 1869), (753, 1884), (777, 1920), (804, 1962), (832, 1995), (840, 2013), (923, 2133), (925, 2136), (936, 2148), (990, 2223), (1031, 2286), (1044, 2304), (1045, 2307), (1186, 2469), (1199, 2478), (1205, 2487), (1232, 2526),

Gene: Paolo_8 Start: 2800, Stop: 4446, Start Num: 75

Candidate Starts for Paolo_8:
(Start: 75 @2800 has 95 MA's), (Start: 239 @2950 has 2 MA's), (363, 3070), (379, 3094), (443, 3196), (462, 3238), (465, 3244), (480, 3259), (543, 3346), (582, 3418), (593, 3442), (638, 3541), (654, 3577), (673, 3595), (747, 3688), (766, 3718), (786, 3754), (843, 3817), (915, 3904), (927, 3925), (936, 3937), (992, 4015), (1007, 4042), (1064, 4123), (1096, 4162), (1112, 4183), (1130, 4207), (1196, 4267), (1251, 4363),

Gene: Papez_13 Start: 8442, Stop: 10130, Start Num: 102
Candidate Starts for Papez_13:
(Start: 102 @8442 has 391 MA's), (Start: 302 @8622 has 3 MA's), (363, 8706), (383, 8742), (406, 8769), (476, 8892), (500, 8925), (558, 9000), (593, 9090), (603, 9114), (621, 9141), (637, 9189), (720, 9345), (760, 9405), (939, 9639), (952, 9651), (988, 9693), (995, 9714), (1020, 9741), (1096, 9849), (1182, 9939), (1246, 10044),

Gene: Paphu_10 Start: 6436, Stop: 8124, Start Num: 102
Candidate Starts for Paphu_10:
(Start: 102 @6436 has 391 MA's), (363, 6700), (379, 6724), (476, 6886), (500, 6919), (593, 7084), (603, 7108), (621, 7135), (637, 7183), (679, 7252), (720, 7339), (760, 7399), (939, 7633), (952, 7645), (988, 7687), (995, 7708), (1020, 7735), (1096, 7843), (1182, 7933), (1246, 8038),

Gene: Parada_6 Start: 1978, Stop: 3408, Start Num: 329
Candidate Starts for Parada_6:
(201, 1810), (Start: 204 @1813 has 1 MA's), (213, 1822), (Start: 329 @1978 has 15 MA's), (343, 1996), (409, 2119), (427, 2137), (448, 2176), (452, 2185), (504, 2269), (585, 2353), (588, 2368), (601, 2401), (634, 2467), (700, 2599), (819, 2788), (829, 2800), (866, 2848), (898, 2890), (928, 2941), (989, 3016), (990, 3019), (1003, 3046), (1044, 3106), (1069, 3139), (1083, 3154), (1118, 3190), (1154, 3232), (1178, 3259), (1211, 3295), (1214, 3301), (1241, 3340),

Gene: Paraselene_10 Start: 6748, Stop: 8436, Start Num: 102
Candidate Starts for Paraselene_10:
(Start: 102 @6748 has 391 MA's), (Start: 302 @6928 has 3 MA's), (363, 7012), (383, 7048), (406, 7075), (476, 7198), (558, 7306), (593, 7396), (603, 7420), (621, 7447), (637, 7495), (720, 7651), (760, 7711), (930, 7936), (939, 7945), (952, 7957), (988, 7999), (995, 8020), (1020, 8047), (1096, 8155), (1182, 8245), (1246, 8350),

Gene: Pari_12 Start: 7215, Stop: 8903, Start Num: 102
Candidate Starts for Pari_12:
(Start: 102 @7215 has 391 MA's), (Start: 302 @7395 has 3 MA's), (363, 7479), (383, 7515), (406, 7542), (456, 7638), (476, 7665), (500, 7698), (558, 7773), (593, 7863), (603, 7887), (621, 7914), (637, 7962), (679, 8031), (720, 8118), (727, 8127), (760, 8178), (939, 8412), (952, 8424), (988, 8466), (995, 8487), (1020, 8514), (1096, 8622), (1182, 8712), (1246, 8817),

Gene: Parliament_10 Start: 6818, Stop: 8506, Start Num: 102
Candidate Starts for Parliament_10:
(Start: 102 @6818 has 391 MA's), (363, 7082), (379, 7106), (476, 7268), (500, 7301), (558, 7376), (593, 7466), (603, 7490), (621, 7517), (637, 7565), (714, 7709), (720, 7721), (760, 7781), (930, 8006), (939, 8015), (952, 8027), (988, 8069), (995, 8090), (1020, 8117), (1096, 8225), (1182, 8315), (1246, 8420),

Gene: Parmesanjohn_2 Start: 501, Stop: 2036, Start Num: 231
Candidate Starts for Parmesanjohn_2:
(Start: 231 @501 has 26 MA's), (Start: 234 @504 has 29 MA's), (243, 516), (Start: 245 @519 has 1 MA's), (282, 576), (Start: 297 @594 has 2 MA's), (309, 606), (368, 678), (380, 696), (390, 714), (400,

735), (443, 798), (459, 837), (487, 870), (508, 918), (573, 1002), (584, 1017), (601, 1068), (605, 1077), (623, 1101), (636, 1140), (637, 1143), (641, 1155), (713, 1281), (728, 1305), (769, 1368), (830, 1452), (886, 1524), (902, 1548), (925, 1590), (930, 1599), (977, 1656), (995, 1695), (1033, 1752), (1041, 1758), (1047, 1761), (1079, 1782), (1109, 1830), (1134, 1866), (1207, 1947), (1210, 1953),

Gene: Partridge_8 Start: 3215, Stop: 4897, Start Num: 104
Candidate Starts for Partridge_8:
(Start: 104 @3215 has 125 MA's), (Start: 302 @3401 has 3 MA's), (350, 3473), (363, 3485), (383, 3521), (489, 3689), (536, 3749), (593, 3857), (718, 4112), (763, 4184), (892, 4328), (915, 4370), (936, 4403), (988, 4460), (992, 4472), (1096, 4616), (1130, 4661), (1196, 4721), (1251, 4820), (1269, 4853), (1290, 4880), (1292, 4883), (1294, 4886),

Gene: PartyCup_5 Start: 3104, Stop: 4672, Start Num: 155
Candidate Starts for PartyCup_5:
(Start: 155 @3104 has 82 MA's), (306, 3290), (374, 3371), (381, 3383), (396, 3413), (404, 3428), (430, 3461), (489, 3563), (554, 3644), (584, 3692), (607, 3758), (632, 3806), (635, 3815), (723, 3890), (740, 3917), (759, 3947), (905, 4166), (953, 4238), (977, 4274), (1044, 4370), (1126, 4436), (1164, 4466), (1169, 4472), (1222, 4538), (1308, 4658),

Gene: PascalRango_10 Start: 6614, Stop: 8302, Start Num: 102
Candidate Starts for PascalRango_10:
(Start: 102 @6614 has 391 MA's), (363, 6878), (379, 6902), (476, 7064), (500, 7097), (558, 7172), (593, 7262), (603, 7286), (621, 7313), (637, 7361), (720, 7517), (760, 7577), (930, 7802), (939, 7811), (952, 7823), (988, 7865), (995, 7886), (1020, 7913), (1096, 8021), (1182, 8111), (1246, 8216),

Gene: PastaFagioli_3 Start: 769, Stop: 2394, Start Num: 211
Candidate Starts for PastaFagioli_3:
(Start: 211 @769 has 88 MA's), (330, 925), (409, 1033), (459, 1117), (491, 1162), (585, 1267), (607, 1330), (623, 1351), (642, 1408), (869, 1744), (963, 1876), (1030, 1978), (1222, 2227), (1249, 2275), (1304, 2344),

Gene: Pat3_8 Start: 2003, Stop: 3673, Start Num: 296
Candidate Starts for Pat3_8:
(Start: 296 @2003 has 11 MA's), (479, 2300), (548, 2402), (632, 2582), (641, 2606), (650, 2624), (663, 2636), (694, 2699), (725, 2756), (734, 2771), (784, 2849), (811, 2894), (845, 2948), (851, 2954), (917, 3068), (946, 3116), (994, 3212), (1019, 3248), (1118, 3401), (1129, 3413), (1175, 3470), (1205, 3506), (1235, 3557), (1251, 3593), (1253, 3596), (1294, 3662),

Gene: Patio_27 Start: 13048, Stop: 14727, Start Num: 126
Candidate Starts for Patio_27:
(Start: 126 @13048 has 206 MA's), (270, 13198), (319, 13255), (337, 13282), (346, 13294), (365, 13333), (384, 13366), (597, 13708), (612, 13735), (695, 13903), (699, 13915), (716, 13948), (798, 14026), (888, 14128), (959, 14242), (996, 14323), (1007, 14338), (1038, 14380), (1084, 14446), (1094, 14458), (1121, 14494), (1166, 14521), (1219, 14590), (1222, 14593), (1261, 14662),

Gene: PatoPoderoso_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for PatoPoderoso_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787),

(995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: PatriciaStar_2 Start: 584, Stop: 2191, Start Num: 175
Candidate Starts for PatriciaStar_2:
(Start: 175 @584 has 14 MA's), (331, 767), (431, 902), (454, 950), (509, 1022), (522, 1034), (584, 1112), (607, 1175), (630, 1217), (642, 1247), (679, 1310), (698, 1352), (702, 1361), (736, 1412), (754, 1445), (766, 1463), (794, 1508), (815, 1541), (835, 1568), (893, 1646), (928, 1709), (952, 1733), (969, 1757), (1009, 1823), (1030, 1850), (1031, 1853), (1044, 1871), (1183, 2042),

Gene: PattyP_13 Start: 7272, Stop: 8960, Start Num: 108
Candidate Starts for PattyP_13:
(Start: 108 @7272 has 24 MA's), (292, 7443), (Start: 302 @7452 has 3 MA's), (363, 7536), (380, 7563), (383, 7572), (476, 7722), (500, 7755), (558, 7830), (593, 7920), (603, 7944), (621, 7971), (637, 8019), (720, 8175), (760, 8235), (930, 8460), (939, 8469), (952, 8481), (988, 8523), (995, 8544), (1020, 8571), (1096, 8679), (1182, 8769), (1246, 8874),

Gene: Pavo_7 Start: 2498, Stop: 4144, Start Num: 75
Candidate Starts for Pavo_7:
(Start: 70 @2489 has 1 MA's), (Start: 75 @2498 has 95 MA's), (Start: 78 @2501 has 1 MA's), (Start: 92 @2516 has 10 MA's), (325, 2720), (350, 2756), (382, 2801), (443, 2894), (450, 2909), (462, 2936), (468, 2945), (480, 2957), (543, 3044), (571, 3092), (593, 3140), (638, 3239), (663, 3278), (751, 3392), (763, 3413), (786, 3452), (866, 3533), (915, 3602), (917, 3608), (927, 3623), (980, 3686), (1062, 3818), (1096, 3860), (1116, 3887), (1130, 3905), (1184, 3953), (1251, 4061),

Gene: Pawn_13 Start: 7029, Stop: 8729, Start Num: 104
Candidate Starts for Pawn_13:
(Start: 104 @7029 has 125 MA's), (151, 7077), (Start: 224 @7149 has 17 MA's), (292, 7212), (476, 7491), (593, 7689), (634, 7779), (671, 7842), (760, 8004), (915, 8202), (928, 8226), (930, 8229), (988, 8292), (992, 8304), (995, 8313), (1007, 8331), (1026, 8352), (1096, 8448), (1134, 8502), (1182, 8538), (1269, 8685), (1292, 8715), (1294, 8718),

Gene: Payneful_11 Start: 6561, Stop: 8249, Start Num: 102
Candidate Starts for Payneful_11:
(Start: 102 @6561 has 391 MA's), (363, 6825), (379, 6849), (476, 7011), (500, 7044), (558, 7119), (593, 7209), (603, 7233), (637, 7308), (720, 7464), (727, 7473), (758, 7521), (760, 7524), (930, 7749), (939, 7758), (952, 7770), (988, 7812), (995, 7833), (1020, 7860), (1096, 7968), (1182, 8058), (1246, 8163),

Gene: PeaceMeal1_10 Start: 4783, Stop: 6474, Start Num: 102
Candidate Starts for PeaceMeal1_10:
(Start: 102 @4783 has 391 MA's), (Start: 126 @4807 has 206 MA's), (Start: 239 @4930 has 2 MA's), (320, 4999), (350, 5050), (363, 5062), (388, 5104), (406, 5125), (450, 5203), (476, 5248), (503, 5287), (543, 5335), (558, 5356), (569, 5380), (593, 5431), (646, 5554), (732, 5701), (769, 5761), (798, 5806), (915, 5947), (963, 6001), (988, 6037), (1007, 6076), (1026, 6097), (1096, 6193), (1144, 6262), (1269, 6430), (1292, 6460), (1294, 6463),

Gene: Peaches_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Peaches_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054),

(928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: PeanutPie_2 Start: 401, Stop: 2077, Start Num: 134
Candidate Starts for PeanutPie_2:
(Start: 134 @401 has 105 MA's), (313, 617), (338, 656), (360, 713), (373, 737), (397, 782), (404, 794), (409, 803), (414, 809), (451, 866), (459, 887), (467, 899), (541, 989), (636, 1178), (702, 1274), (720, 1304), (736, 1325), (828, 1466), (837, 1478), (873, 1523), (984, 1676), (989, 1685), (1000, 1712), (1031, 1754), (1044, 1772), (1118, 1856), (1130, 1871), (1269, 2060),

Gene: Peas_2 Start: 625, Stop: 2373, Start Num: 236
Candidate Starts for Peas_2:
(189, 574), (213, 601), (Start: 236 @625 has 15 MA's), (271, 685), (295, 718), (358, 820), (382, 859), (385, 865), (395, 883), (403, 898), (405, 901), (419, 919), (426, 931), (439, 961), (482, 1039), (498, 1063), (510, 1075), (536, 1114), (548, 1135), (567, 1168), (603, 1255), (605, 1261), (664, 1363), (691, 1420), (697, 1435), (723, 1474), (784, 1570), (907, 1747), (913, 1762), (924, 1786), (1041, 1996), (1056, 2020), (1064, 2038), (1088, 2068), (1098, 2083), (1129, 2125), (1150, 2152), (1177, 2176), (1185, 2185), (1251, 2290),

Gene: Pecas_3 Start: 676, Stop: 2304, Start Num: 211
Candidate Starts for Pecas_3:
(Start: 211 @676 has 88 MA's), (330, 832), (409, 940), (459, 1024), (479, 1048), (489, 1066), (554, 1123), (585, 1174), (586, 1177), (607, 1237), (622, 1255), (632, 1285), (642, 1315), (949, 1771), (963, 1786), (1222, 2137), (1318, 2293),

Gene: PegLeg_14 Start: 4718, Stop: 6262, Start Num: 181
Candidate Starts for PegLeg_14:
(Start: 181 @4718 has 21 MA's), (223, 4766), (377, 4967), (454, 5105), (595, 5297), (700, 5507), (733, 5558), (782, 5630), (873, 5693), (893, 5717), (902, 5732), (939, 5792), (953, 5804), (988, 5864), (1003, 5897), (1028, 5930), (1045, 5957), (1090, 6005), (1228, 6191), (1241, 6212),

Gene: PeggyLeg03_2 Start: 626, Stop: 2374, Start Num: 236
Candidate Starts for PeggyLeg03_2:
(189, 575), (213, 602), (Start: 236 @626 has 15 MA's), (295, 719), (382, 860), (385, 866), (403, 899), (405, 902), (419, 920), (439, 962), (498, 1064), (510, 1076), (536, 1115), (548, 1136), (567, 1169), (590, 1223), (603, 1256), (605, 1262), (664, 1364), (691, 1421), (697, 1436), (723, 1475), (784, 1571), (907, 1748), (913, 1763), (924, 1787), (1026, 1970), (1041, 1997), (1056, 2021), (1064, 2039), (1088, 2069), (1129, 2126), (1150, 2153), (1177, 2177), (1185, 2186), (1226, 2237), (1251, 2291),

Gene: Pelletreau_4 Start: 958, Stop: 2538, Start Num: 224
Candidate Starts for Pelletreau_4:
(Start: 164 @892 has 12 MA's), (Start: 224 @958 has 17 MA's), (Start: 300 @1054 has 12 MA's), (306, 1063), (Start: 314 @1072 has 1 MA's), (325, 1093), (355, 1117), (374, 1144), (381, 1156), (401, 1195), (409, 1210), (430, 1234), (443, 1255), (587, 1456), (607, 1507), (622, 1525), (636, 1567), (643, 1588), (674, 1648), (687, 1678), (698, 1687), (744, 1750), (905, 1978), (923, 2017), (949, 2044), (963, 2059), (980, 2089), (1014, 2128), (1063, 2206), (1093, 2236), (1114, 2263), (1246, 2446), (1249, 2452), (1259, 2473), (1306, 2527),

Gene: Pelly_12 Start: 7447, Stop: 9135, Start Num: 102
Candidate Starts for Pelly_12:
(Start: 102 @7447 has 391 MA's), (Start: 302 @7627 has 3 MA's), (363, 7711), (383, 7747), (406, 7774), (476, 7897), (558, 8005), (593, 8095), (603, 8119), (621, 8146), (679, 8263), (714, 8338), (720, 8350), (760, 8410), (939, 8644), (952, 8656), (988, 8698), (995, 8719), (1020, 8746), (1096, 8854),

(1182, 8944), (1246, 9049),

Gene: Pemberton_27 Start: 10374, Stop: 12101, Start Num: 126
Candidate Starts for Pemberton_27:
(Start: 126 @10374 has 206 MA's), (270, 10524), (317, 10575), (346, 10620), (361, 10650), (365, 10659), (425, 10782), (433, 10800), (597, 11082), (612, 11109), (695, 11277), (699, 11289), (798, 11400), (937, 11583), (996, 11697), (1007, 11712), (1031, 11745), (1084, 11820), (1219, 11964), (1246, 12006), (1261, 12036), (1287, 12078),

Gene: Pembroke_13 Start: 6958, Stop: 8658, Start Num: 104
Candidate Starts for Pembroke_13:
(Start: 104 @6958 has 125 MA's), (151, 7006), (292, 7141), (426, 7333), (476, 7420), (593, 7618), (634, 7708), (671, 7771), (760, 7933), (915, 8131), (928, 8155), (930, 8158), (988, 8221), (995, 8242), (1026, 8281), (1096, 8377), (1134, 8431), (1182, 8467), (1269, 8614), (1292, 8644), (1294, 8647),

Gene: Penny1_13 Start: 6957, Stop: 8657, Start Num: 104
Candidate Starts for Penny1_13:
(Start: 104 @6957 has 125 MA's), (151, 7005), (292, 7140), (426, 7332), (476, 7419), (593, 7617), (634, 7707), (671, 7770), (760, 7932), (915, 8130), (928, 8154), (930, 8157), (988, 8220), (995, 8241), (1026, 8280), (1096, 8376), (1134, 8430), (1182, 8466), (1269, 8613), (1292, 8643), (1294, 8646),

Gene: Pepe_12 Start: 7470, Stop: 9158, Start Num: 102
Candidate Starts for Pepe_12:
(Start: 102 @7470 has 391 MA's), (363, 7734), (379, 7758), (476, 7920), (500, 7953), (558, 8028), (593, 8118), (603, 8142), (621, 8169), (637, 8217), (714, 8361), (720, 8373), (760, 8433), (930, 8658), (939, 8667), (952, 8679), (988, 8721), (995, 8742), (1020, 8769), (1096, 8877), (1182, 8967), (1246, 9072),

Gene: Pepperoni_2 Start: 498, Stop: 2234, Start Num: 206
Candidate Starts for Pepperoni_2:
(Start: 193 @483 has 146 MA's), (Start: 206 @498 has 29 MA's), (280, 588), (Start: 314 @627 has 1 MA's), (356, 702), (379, 735), (385, 750), (403, 771), (426, 804), (437, 828), (450, 858), (483, 915), (536, 987), (543, 999), (605, 1134), (633, 1185), (655, 1227), (664, 1233), (702, 1317), (723, 1344), (793, 1455), (809, 1482), (821, 1500), (919, 1650), (926, 1659), (1092, 1932), (1094, 1935), (1098, 1941), (1115, 1962), (1137, 1995), (1141, 2001), (1177, 2049), (1185, 2058), (1205, 2082), (1226, 2100), (1253, 2157), (1300, 2220), (1302, 2223),

Gene: Pepy6_014 Start: 12293, Stop: 14038, Start Num: 217
Candidate Starts for Pepy6_014:
(Start: 217 @12293 has 209 MA's), (222, 12299), (252, 12347), (280, 12386), (287, 12392), (343, 12482), (357, 12515), (431, 12629), (504, 12767), (523, 12785), (525, 12788), (561, 12857), (584, 12896), (592, 12929), (596, 12941), (604, 12959), (625, 13004), (628, 13016), (653, 13085), (680, 13145), (709, 13211), (728, 13244), (731, 13250), (761, 13301), (791, 13349), (804, 13373), (944, 13565), (949, 13568), (961, 13574), (988, 13625), (991, 13634), (996, 13649), (1000, 13655), (1003, 13658), (1182, 13886), (1196, 13898), (1244, 13988), (1246, 13991),

Gene: Percival_2 Start: 640, Stop: 2388, Start Num: 100
Candidate Starts for Percival_2:
(Start: 100 @640 has 15 MA's), (Start: 122 @658 has 16 MA's), (434, 1000), (462, 1051), (476, 1069), (538, 1162), (572, 1219), (800, 1642), (915, 1804), (917, 1810), (1038, 1984), (1096, 2059), (1106, 2074), (1172, 2155), (1242, 2278), (1251, 2299), (1256, 2311),

Gene: Perkunas_15 Start: 8013, Stop: 9758, Start Num: 217

Candidate Starts for Perkunas_15:
(Start: 217 @8013 has 209 MA's), (222, 8019), (280, 8106), (287, 8112), (315, 8148), (343, 8202), (393, 8298), (504, 8487), (523, 8505), (525, 8508), (561, 8577), (604, 8679), (621, 8715), (628, 8736), (636, 8760), (680, 8865), (709, 8931), (728, 8964), (731, 8970), (748, 9000), (761, 9021), (804, 9093), (949, 9288), (988, 9345), (991, 9354), (1000, 9375), (1003, 9378), (1043, 9438), (1161, 9585), (1182, 9606), (1196, 9618), (1224, 9663), (1226, 9666), (1244, 9708), (1246, 9711),

Gene: Perplexer_11 Start: 6887, Stop: 8584, Start Num: 102
Candidate Starts for Perplexer_11:
(Start: 102 @6887 has 391 MA's), (Start: 126 @6911 has 206 MA's), (363, 7157), (473, 7340), (476, 7343), (503, 7382), (558, 7451), (569, 7475), (593, 7541), (634, 7631), (720, 7796), (778, 7883), (888, 8009), (915, 8057), (928, 8081), (988, 8147), (1007, 8186), (1026, 8207), (1096, 8303), (1267, 8537), (1269, 8540), (1292, 8570), (1294, 8573),

Gene: PerroGrande22_14 Start: 12513, Stop: 14258, Start Num: 217
Candidate Starts for PerroGrande22_14:
(Start: 217 @12513 has 209 MA's), (222, 12519), (252, 12567), (280, 12606), (287, 12612), (343, 12702), (357, 12735), (431, 12849), (504, 12987), (523, 13005), (525, 13008), (561, 13077), (592, 13149), (604, 13179), (625, 13224), (653, 13305), (657, 13311), (680, 13365), (709, 13431), (728, 13464), (731, 13470), (761, 13521), (791, 13569), (804, 13593), (944, 13785), (949, 13788), (961, 13794), (988, 13845), (991, 13854), (996, 13869), (1000, 13875), (1003, 13878), (1043, 13938), (1182, 14106), (1196, 14118), (1244, 14208), (1246, 14211),

Gene: Perseus_12 Start: 7131, Stop: 8819, Start Num: 102
Candidate Starts for Perseus_12:
(Start: 102 @7131 has 391 MA's), (Start: 302 @7311 has 3 MA's), (363, 7395), (383, 7431), (476, 7581), (558, 7689), (593, 7779), (603, 7803), (637, 7878), (679, 7947), (720, 8034), (760, 8094), (939, 8328), (952, 8340), (988, 8382), (995, 8403), (1020, 8430), (1096, 8538), (1182, 8628), (1246, 8733),

Gene: Persistence_2 Start: 689, Stop: 2329, Start Num: 241
Candidate Starts for Persistence_2:
(Start: 160 @596 has 5 MA's), (Start: 241 @689 has 2 MA's), (Start: 244 @692 has 5 MA's), (295, 782), (315, 806), (335, 842), (337, 845), (369, 905), (426, 1013), (476, 1100), (538, 1187), (590, 1277), (607, 1319), (623, 1340), (635, 1376), (737, 1511), (747, 1517), (771, 1556), (814, 1625), (892, 1691), (899, 1703), (917, 1739), (955, 1787), (977, 1823), (1007, 1880), (1016, 1883), (1046, 1943), (1094, 2027), (1198, 2153), (1246, 2234), (1267, 2276), (1292, 2315),

Gene: PestoPenguin_17 Start: 10301, Stop: 12046, Start Num: 217
Candidate Starts for PestoPenguin_17:
(Start: 217 @10301 has 209 MA's), (222, 10307), (280, 10394), (287, 10400), (315, 10436), (343, 10490), (446, 10667), (469, 10712), (504, 10775), (525, 10796), (561, 10865), (604, 10967), (628, 11024), (647, 11081), (653, 11093), (680, 11153), (728, 11252), (731, 11258), (765, 11315), (804, 11381), (949, 11576), (982, 11618), (991, 11642), (1000, 11663), (1003, 11666), (1182, 11894), (1196, 11906), (1244, 11996), (1246, 11999),

Gene: PeterPeter_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for PeterPeter_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Petersenfast_12 Start: 8027, Stop: 9790, Start Num: 103
Candidate Starts for Petersenfast_12:
(Start: 103 @8027 has 278 MA's), (Start: 123 @8048 has 9 MA's), (Start: 206 @8135 has 29 MA's), (288, 8264), (309, 8288), (350, 8351), (445, 8495), (473, 8546), (476, 8549), (558, 8660), (569, 8684), (571, 8687), (593, 8750), (596, 8759), (603, 8774), (663, 8891), (673, 8906), (701, 8966), (751, 9050), (920, 9278), (928, 9290), (980, 9338), (988, 9353), (1007, 9392), (1026, 9413), (1049, 9452), (1086, 9497), (1096, 9509), (1269, 9746), (1290, 9773),

Gene: Peterson_14 Start: 8430, Stop: 10118, Start Num: 102
Candidate Starts for Peterson_14:
(Start: 102 @8430 has 391 MA's), (363, 8694), (379, 8718), (456, 8853), (476, 8880), (500, 8913), (558, 8988), (593, 9078), (603, 9102), (621, 9129), (637, 9177), (720, 9333), (760, 9393), (930, 9618), (939, 9627), (952, 9639), (988, 9681), (995, 9702), (1020, 9729), (1096, 9837), (1182, 9927), (1246, 10032),

Gene: PeteyPab_12 Start: 6676, Stop: 8742, Start Num: 5
Candidate Starts for PeteyPab_12:
(Start: 5 @6676 has 5 MA's), (13, 6733), (30, 6871), (33, 6901), (43, 6925), (Start: 106 @7042 has 2 MA's), (Start: 126 @7063 has 206 MA's), (Start: 147 @7087 has 3 MA's), (Start: 202 @7150 has 4 MA's), (Start: 224 @7174 has 17 MA's), (343, 7336), (349, 7351), (359, 7369), (361, 7372), (375, 7396), (384, 7414), (433, 7471), (435, 7474), (454, 7516), (473, 7543), (485, 7561), (503, 7588), (513, 7606), (516, 7609), (558, 7663), (597, 7747), (598, 7750), (608, 7771), (621, 7792), (646, 7864), (670, 7894), (695, 7945), (769, 8026), (792, 8059), (916, 8221), (992, 8323), (1007, 8350), (1020, 8359), (1094, 8470), (1166, 8533), (1246, 8644), (1251, 8653), (1301, 8734),

Gene: PetiteSangsue_11 Start: 6893, Stop: 8590, Start Num: 102
Candidate Starts for PetiteSangsue_11:
(Start: 102 @6893 has 391 MA's), (Start: 126 @6917 has 206 MA's), (363, 7163), (473, 7346), (476, 7349), (503, 7388), (558, 7457), (569, 7481), (593, 7547), (634, 7637), (720, 7802), (778, 7889), (888, 8015), (915, 8063), (928, 8087), (980, 8138), (988, 8153), (1007, 8192), (1026, 8213), (1096, 8309), (1267, 8543), (1269, 8546), (1292, 8576), (1294, 8579),

Gene: Petito_14 Start: 7718, Stop: 9463, Start Num: 217
Candidate Starts for Petito_14:
(Start: 217 @7718 has 209 MA's), (222, 7724), (287, 7817), (315, 7853), (343, 7907), (393, 8003), (458, 8114), (504, 8192), (523, 8210), (525, 8213), (561, 8282), (604, 8384), (636, 8465), (660, 8522), (680, 8570), (709, 8636), (728, 8669), (748, 8705), (761, 8726), (765, 8732), (804, 8798), (949, 8993), (988, 9050), (991, 9059), (1000, 9080), (1003, 9083), (1043, 9143), (1125, 9254), (1161, 9290), (1182, 9311), (1196, 9323), (1224, 9368), (1226, 9371), (1244, 9413), (1246, 9416),

Gene: Petra_2 Start: 334, Stop: 1959, Start Num: 113
Candidate Starts for Petra_2:
(Start: 113 @334 has 24 MA's), (157, 355), (Start: 163 @361 has 37 MA's), (269, 475), (275, 484), (313, 517), (Start: 324 @535 has 4 MA's), (334, 550), (362, 571), (377, 592), (409, 655), (431, 691), (451, 727), (454, 739), (489, 781), (491, 784), (607, 961), (630, 1003), (637, 1018), (642, 1033), (643, 1036), (702, 1111), (736, 1162), (837, 1318), (855, 1339), (857, 1342), (914, 1429), (923, 1441), (952, 1474), (953, 1477), (984, 1516), (988, 1522), (989, 1525), (1031, 1594), (1033, 1597), (1085, 1657), (1087, 1660), (1093, 1669), (1148, 1738), (1287, 1942),

Gene: Petruchio_11 Start: 6689, Stop: 8377, Start Num: 102
Candidate Starts for Petruchio_11:
(Start: 102 @6689 has 391 MA's), (Start: 302 @6869 has 3 MA's), (363, 6953), (383, 6989), (406, 7016), (476, 7139), (500, 7172), (558, 7247), (593, 7337), (603, 7361), (621, 7388), (637, 7436), (714,

7580), (720, 7592), (760, 7652), (930, 7877), (939, 7886), (952, 7898), (988, 7940), (995, 7961), (1020, 7988), (1096, 8096), (1182, 8186), (1246, 8291),

Gene: PetterN_10 Start: 5984, Stop: 7735, Start Num: 63
Candidate Starts for PetterN_10:
(Start: 53 @5957 has 20 MA's), (Start: 63 @5984 has 32 MA's), (Start: 105 @6044 has 1 MA's), (114, 6053), (Start: 154 @6092 has 1 MA's), (228, 6167), (Start: 231 @6173 has 26 MA's), (350, 6305), (406, 6380), (407, 6383), (521, 6557), (593, 6689), (613, 6734), (643, 6812), (646, 6818), (743, 6983), (763, 7016), (778, 7037), (915, 7211), (928, 7235), (1007, 7337), (1026, 7358), (1061, 7412), (1086, 7442), (1096, 7454), (1134, 7508), (1267, 7688), (1269, 7691), (1294, 7724), (1299, 7730),

Gene: Ph8s_13 Start: 6262, Stop: 8046, Start Num: 103
Candidate Starts for Ph8s_13:
(Start: 103 @6262 has 278 MA's), (288, 6493), (350, 6580), (450, 6733), (473, 6775), (476, 6778), (558, 6889), (569, 6913), (571, 6916), (593, 6979), (603, 7003), (673, 7135), (1007, 7648), (1026, 7669), (1086, 7753), (1096, 7765), (1184, 7858), (1198, 7873), (1269, 8002), (1290, 8029), (1292, 8032),

Gene: Phaby_7 Start: 3521, Stop: 5260, Start Num: 217
Candidate Starts for Phaby_7:
(Start: 211 @3515 has 88 MA's), (Start: 217 @3521 has 209 MA's), (287, 3620), (353, 3740), (426, 3839), (458, 3911), (504, 3989), (525, 4010), (580, 4112), (604, 4181), (616, 4205), (619, 4214), (680, 4367), (713, 4442), (728, 4466), (791, 4571), (804, 4595), (868, 4676), (949, 4790), (967, 4808), (970, 4814), (991, 4856), (1000, 4877), (1003, 4880), (1120, 5045), (1131, 5060), (1146, 5084), (1182, 5108), (1196, 5120), (1207, 5138), (1244, 5210), (1246, 5213),

Gene: Phacado_11 Start: 6883, Stop: 8580, Start Num: 102
Candidate Starts for Phacado_11:
(Start: 102 @6883 has 391 MA's), (Start: 126 @6907 has 206 MA's), (Start: 239 @7030 has 2 MA's), (339, 7120), (363, 7153), (426, 7252), (473, 7336), (476, 7339), (503, 7378), (558, 7447), (569, 7471), (593, 7537), (634, 7627), (720, 7792), (778, 7879), (798, 7912), (864, 7978), (913, 8050), (915, 8053), (928, 8077), (980, 8128), (988, 8143), (1007, 8182), (1026, 8203), (1096, 8299), (1269, 8536), (1292, 8566), (1294, 8569),

Gene: Phaded_15 Start: 9549, Stop: 11327, Start Num: 103
Candidate Starts for Phaded_15:
(Start: 103 @9549 has 278 MA's), (Start: 123 @9567 has 9 MA's), (Start: 231 @9678 has 26 MA's), (Start: 239 @9690 has 2 MA's), (260, 9732), (266, 9744), (271, 9753), (288, 9777), (350, 9864), (473, 10059), (476, 10062), (503, 10101), (558, 10170), (593, 10260), (603, 10284), (646, 10383), (673, 10416), (857, 10716), (915, 10803), (992, 10902), (1007, 10929), (1026, 10950), (1096, 11046), (1269, 11283), (1290, 11310), (1292, 11313),

Gene: Phaeder_13 Start: 8124, Stop: 9896, Start Num: 117
Candidate Starts for Phaeder_13:
(Start: 103 @8109 has 278 MA's), (Start: 117 @8124 has 12 MA's), (Start: 123 @8130 has 9 MA's), (Start: 231 @8241 has 26 MA's), (288, 8340), (406, 8502), (445, 8574), (476, 8628), (503, 8667), (558, 8739), (593, 8829), (603, 8853), (663, 8970), (673, 8985), (727, 9093), (776, 9168), (798, 9204), (837, 9264), (920, 9384), (936, 9405), (980, 9444), (1007, 9498), (1015, 9501), (1026, 9519), (1061, 9573), (1086, 9603), (1096, 9615), (1182, 9705), (1198, 9723), (1269, 9852), (1290, 9879), (1292, 9882),

Gene: PhailMary_7 Start: 3222, Stop: 4904, Start Num: 104
Candidate Starts for PhailMary_7:

(Start: 104 @3222 has 125 MA's), (Start: 302 @3408 has 3 MA's), (350, 3480), (363, 3492), (379, 3516), (383, 3528), (476, 3681), (489, 3696), (536, 3756), (593, 3864), (621, 3921), (718, 4119), (729, 4137), (763, 4191), (892, 4335), (915, 4377), (936, 4410), (988, 4467), (992, 4479), (1096, 4623), (1130, 4668), (1196, 4728), (1251, 4827), (1269, 4860), (1290, 4887), (1292, 4890), (1294, 4893),

Gene: Phaila_8 Start: 3499, Stop: 5232, Start Num: 217
Candidate Starts for Phaila_8:
(Start: 217 @3499 has 209 MA's), (287, 3598), (343, 3688), (438, 3835), (458, 3883), (504, 3961), (523, 3979), (525, 3982), (561, 4051), (604, 4153), (616, 4177), (636, 4234), (680, 4339), (728, 4438), (744, 4468), (770, 4510), (804, 4567), (859, 4636), (868, 4648), (949, 4762), (967, 4780), (1000, 4849), (1003, 4852), (1131, 5032), (1146, 5056), (1182, 5080), (1196, 5092), (1203, 5104), (1224, 5137), (1244, 5182), (1246, 5185),

Gene: Phalconet_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Phalconet_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Phalm_2 Start: 400, Stop: 2076, Start Num: 134
Candidate Starts for Phalm_2:
(Start: 134 @400 has 105 MA's), (313, 616), (338, 655), (360, 712), (362, 718), (373, 736), (397, 781), (404, 793), (409, 802), (414, 808), (451, 865), (459, 886), (467, 898), (541, 988), (636, 1177), (702, 1273), (720, 1303), (736, 1324), (828, 1465), (837, 1477), (873, 1522), (984, 1675), (989, 1684), (1000, 1711), (1031, 1753), (1044, 1771), (1118, 1855), (1130, 1870), (1269, 2059),

Gene: PhancyPhin_2 Start: 509, Stop: 2044, Start Num: 231
Candidate Starts for PhancyPhin_2:
(Start: 231 @509 has 26 MA's), (Start: 234 @512 has 29 MA's), (Start: 245 @527 has 1 MA's), (282, 584), (Start: 297 @602 has 2 MA's), (309, 614), (368, 686), (390, 722), (400, 743), (443, 806), (508, 926), (573, 1010), (601, 1076), (636, 1148), (637, 1151), (641, 1163), (713, 1289), (728, 1313), (769, 1376), (830, 1460), (873, 1517), (886, 1532), (930, 1607), (943, 1625), (1047, 1769), (1079, 1790), (1098, 1823), (1109, 1838), (1134, 1874), (1205, 1952), (1207, 1955), (1210, 1961),

Gene: Phanphagia_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Phanphagia_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Phantastic_11 Start: 6458, Stop: 8155, Start Num: 102

Candidate Starts for Phantastic_11:
(Start: 102 @6458 has 391 MA's), (174, 6530), (363, 6728), (406, 6791), (465, 6902), (476, 6914), (503, 6953), (518, 6965), (558, 7022), (569, 7046), (584, 7076), (593, 7112), (596, 7121), (634, 7202), (643, 7229), (720, 7367), (763, 7433), (778, 7454), (798, 7487), (864, 7553), (915, 7628), (928, 7652), (930, 7655), (936, 7661), (943, 7670), (988, 7718), (1007, 7757), (1026, 7778), (1096, 7874), (1134, 7928), (1253, 8081), (1269, 8111), (1292, 8141), (1294, 8144),

Gene: PhaoMing_1 Start: 438, Stop: 2204, Start Num: 96
Candidate Starts for PhaoMing_1:
(Start: 95 @435 has 1 MA's), (Start: 96 @438 has 7 MA's), (121, 462), (171, 510), (177, 516), (Start: 204 @546 has 1 MA's), (270, 648), (Start: 302 @690 has 3 MA's), (320, 711), (350, 762), (352, 765), (363, 774), (379, 798), (386, 810), (426, 870), (429, 876), (443, 897), (445, 903), (450, 912), (462, 939), (521, 1011), (528, 1020), (593, 1143), (623, 1206), (634, 1239), (671, 1299), (673, 1302), (693, 1338), (695, 1344), (702, 1362), (704, 1365), (758, 1422), (814, 1509), (859, 1539), (888, 1569), (890, 1572), (892, 1575), (920, 1629), (930, 1644), (943, 1659), (992, 1722), (1042, 1830), (1073, 1872), (1086, 1899), (1096, 1911), (1115, 1941), (1161, 1986), (1184, 2010), (1207, 2040), (1217, 2058), (1224, 2064), (1246, 2109), (1251, 2118), (1256, 2130), (1257, 2133), (1274, 2157),

Gene: Pharaoh_12 Start: 7906, Stop: 9693, Start Num: 103
Candidate Starts for Pharaoh_12:
(Start: 103 @7906 has 278 MA's), (Start: 123 @7927 has 9 MA's), (226, 8029), (Start: 231 @8038 has 26 MA's), (288, 8137), (Start: 314 @8167 has 1 MA's), (316, 8170), (450, 8380), (476, 8425), (503, 8464), (558, 8536), (569, 8560), (593, 8626), (603, 8650), (646, 8749), (663, 8767), (673, 8782), (869, 9097), (915, 9169), (980, 9241), (992, 9268), (1007, 9295), (1015, 9298), (1026, 9316), (1096, 9412), (1267, 9646), (1269, 9649), (1290, 9676), (1292, 9679), (1294, 9682),

Gene: Phasih_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Phasih_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Phatniss_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for Phatniss_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 176 @617 has 83 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (291, 737), (310, 758), (372, 845), (375, 851), (419, 905), (433, 917), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (482, 998), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1140, 1979), (1176, 2006), (1202, 2039), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: Phayonce_2 Start: 401, Stop: 2080, Start Num: 134
Candidate Starts for Phayonce_2:
(28, 191), (38, 239), (Start: 134 @401 has 105 MA's), (266, 563), (305, 608), (313, 617), (338, 656), (360, 713), (362, 719), (373, 737), (397, 782), (404, 794), (409, 803), (414, 809), (451, 866), (455, 881),

(459, 887), (467, 899), (541, 989), (636, 1178), (647, 1208), (720, 1304), (828, 1466), (837, 1478), (873, 1523), (896, 1553), (952, 1634), (989, 1685), (1031, 1754), (1044, 1772), (1118, 1856), (1120, 1859), (1130, 1871), (1269, 2063),

Gene: Phegasus_2 Start: 413, Stop: 2089, Start Num: 134
Candidate Starts for Phegasus_2:
(Start: 134 @413 has 105 MA's), (313, 629), (338, 668), (360, 725), (362, 731), (373, 749), (397, 794), (400, 797), (404, 806), (409, 815), (414, 821), (417, 824), (451, 878), (459, 899), (467, 911), (541, 1001), (636, 1190), (702, 1286), (736, 1337), (828, 1478), (837, 1490), (935, 1622), (984, 1688), (989, 1697), (1000, 1724), (1031, 1766), (1044, 1784), (1118, 1868), (1130, 1883), (1269, 2072),

Gene: Phelipe_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Phelipe_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Phepper_17 Start: 10301, Stop: 12046, Start Num: 217
Candidate Starts for Phepper_17:
(Start: 217 @10301 has 209 MA's), (222, 10307), (287, 10400), (315, 10436), (343, 10490), (353, 10520), (446, 10667), (504, 10775), (523, 10793), (525, 10796), (561, 10865), (596, 10949), (604, 10967), (628, 11024), (680, 11153), (728, 11252), (731, 11258), (791, 11357), (804, 11381), (940, 11567), (949, 11576), (991, 11642), (1000, 11663), (1003, 11666), (1131, 11846), (1179, 11891), (1182, 11894), (1196, 11906), (1244, 11996), (1246, 11999),

Gene: Pherobrine_14 Start: 8056, Stop: 9801, Start Num: 217
Candidate Starts for Pherobrine_14:
(Start: 217 @8056 has 209 MA's), (222, 8062), (280, 8149), (287, 8155), (315, 8191), (343, 8245), (357, 8278), (438, 8404), (482, 8482), (504, 8530), (523, 8548), (525, 8551), (561, 8620), (604, 8722), (628, 8779), (680, 8908), (728, 9007), (731, 9013), (748, 9043), (765, 9070), (804, 9136), (921, 9295), (944, 9328), (949, 9331), (961, 9337), (982, 9373), (991, 9397), (1000, 9418), (1003, 9421), (1182, 9649), (1196, 9661), (1207, 9679), (1244, 9751), (1246, 9754),

Gene: PherrisBueller_12 Start: 6899, Stop: 8587, Start Num: 102
Candidate Starts for PherrisBueller_12:
(Start: 102 @6899 has 391 MA's), (Start: 302 @7079 has 3 MA's), (363, 7163), (383, 7199), (476, 7349), (558, 7457), (593, 7547), (603, 7571), (621, 7598), (637, 7646), (720, 7802), (760, 7862), (939, 8096), (952, 8108), (988, 8150), (995, 8171), (1020, 8198), (1096, 8306), (1182, 8396), (1246, 8501),

Gene: PherryCruz_6 Start: 2653, Stop: 4398, Start Num: 217
Candidate Starts for PherryCruz_6:
(Start: 217 @2653 has 209 MA's), (222, 2659), (252, 2707), (280, 2746), (287, 2752), (458, 3049), (504, 3127), (525, 3148), (561, 3217), (604, 3319), (680, 3505), (731, 3610), (804, 3733), (859, 3805), (967, 3946), (1000, 4015), (1003, 4018), (1101, 4156), (1161, 4225), (1182, 4246), (1184, 4249), (1196, 4258), (1207, 4276), (1226, 4306), (1244, 4348), (1246, 4351),

Gene: PhesterPhotato_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for PhesterPhotato_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953),

(447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Phettuccine_6 Start: 2402, Stop: 4048, Start Num: 75
Candidate Starts for Phettuccine_6:
(Start: 75 @2402 has 95 MA's), (Start: 92 @2420 has 10 MA's), (325, 2624), (382, 2705), (462, 2840), (480, 2861), (543, 2948), (582, 3020), (593, 3044), (638, 3143), (673, 3197), (751, 3296), (786, 3356), (920, 3518), (927, 3527), (992, 3617), (1007, 3644), (1062, 3722), (1064, 3725), (1096, 3764), (1112, 3785), (1116, 3791), (1130, 3809), (1217, 3905), (1251, 3965),

Gene: PhigPhack_3 Start: 689, Stop: 2317, Start Num: 211
Candidate Starts for PhigPhack_3:
(Start: 211 @689 has 88 MA's), (330, 845), (409, 953), (459, 1037), (479, 1061), (489, 1079), (554, 1136), (585, 1187), (586, 1190), (607, 1250), (622, 1268), (632, 1298), (642, 1328), (949, 1784), (963, 1799), (1222, 2150), (1249, 2198), (1318, 2306),

Gene: Phighter1804_11 Start: 6860, Stop: 8557, Start Num: 102
Candidate Starts for Phighter1804_11:
(Start: 102 @6860 has 391 MA's), (Start: 126 @6884 has 206 MA's), (Start: 239 @7007 has 2 MA's), (339, 7097), (363, 7130), (426, 7229), (473, 7313), (476, 7316), (503, 7355), (558, 7424), (569, 7448), (593, 7514), (634, 7604), (720, 7769), (778, 7856), (798, 7889), (864, 7955), (913, 8027), (915, 8030), (928, 8054), (980, 8105), (988, 8120), (1007, 8159), (1026, 8180), (1096, 8276), (1269, 8513), (1292, 8543), (1294, 8546),

Gene: Phillis_9 Start: 5664, Stop: 7418, Start Num: 63
Candidate Starts for Phillis_9:
(Start: 63 @5664 has 32 MA's), (94, 5706), (125, 5745), (Start: 231 @5853 has 26 MA's), (406, 6060), (450, 6138), (536, 6261), (553, 6288), (593, 6369), (646, 6498), (743, 6663), (763, 6696), (866, 6816), (913, 6888), (915, 6891), (995, 7002), (1026, 7041), (1096, 7137), (1196, 7242), (1251, 7341), (1269, 7374), (1294, 7407), (1299, 7413),

Gene: Philonius_2 Start: 501, Stop: 2036, Start Num: 231
Candidate Starts for Philonius_2:
(Start: 231 @501 has 26 MA's), (Start: 234 @504 has 29 MA's), (243, 516), (Start: 245 @519 has 1 MA's), (282, 576), (Start: 297 @594 has 2 MA's), (309, 606), (368, 678), (380, 696), (390, 714), (400, 735), (443, 798), (459, 837), (487, 870), (508, 918), (573, 1002), (584, 1017), (601, 1068), (605, 1077), (623, 1101), (636, 1140), (637, 1143), (641, 1155), (713, 1281), (728, 1305), (769, 1368), (830, 1452), (886, 1524), (902, 1548), (925, 1590), (930, 1599), (977, 1656), (995, 1695), (1033, 1752), (1041, 1758), (1047, 1761), (1079, 1782), (1109, 1830), (1134, 1866), (1207, 1947), (1210, 1953),

Gene: Philus_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for Philus_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 176 @617 has 83 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (Start: 231 @674 has 26 MA's), (271, 719), (310, 758), (372, 845), (375, 851), (419, 905), (433, 917), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (689, 1388), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1140, 1979),

(1176, 2006), (1202, 2039), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: Phineas_2 Start: 401, Stop: 2077, Start Num: 134
Candidate Starts for Phineas_2:
(Start: 134 @401 has 105 MA's), (313, 617), (338, 656), (360, 713), (362, 719), (373, 737), (397, 782), (404, 794), (409, 803), (414, 809), (451, 866), (459, 887), (467, 899), (541, 989), (636, 1178), (702, 1274), (720, 1304), (736, 1325), (837, 1478), (984, 1676), (989, 1685), (1000, 1712), (1031, 1754), (1044, 1772), (1118, 1856), (1130, 1871), (1269, 2060),

Gene: PhinkBoden_30 Start: 9066, Stop: 10814, Start Num: 127
Candidate Starts for PhinkBoden_30:
(Start: 127 @9066 has 26 MA's), (153, 9096), (280, 9225), (419, 9411), (433, 9450), (447, 9474), (459, 9504), (478, 9522), (496, 9549), (511, 9579), (619, 9771), (627, 9789), (704, 9951), (756, 9999), (766, 10014), (901, 10197), (905, 10203), (957, 10287), (991, 10374), (1016, 10407), (1084, 10521), (1115, 10557), (1134, 10581), (1159, 10596), (1273, 10770), (1278, 10776),

Gene: PhirstandPhine_4 Start: 1013, Stop: 2494, Start Num: 300
Candidate Starts for PhirstandPhine_4:
(Start: 164 @848 has 12 MA's), (Start: 300 @1013 has 12 MA's), (325, 1052), (374, 1103), (381, 1115), (400, 1151), (409, 1169), (554, 1352), (607, 1466), (619, 1478), (622, 1484), (636, 1526), (640, 1538), (643, 1547), (651, 1562), (682, 1619), (905, 1934), (949, 2000), (962, 2012), (980, 2045), (1014, 2084), (1020, 2096), (1030, 2117), (1063, 2162), (1093, 2192), (1126, 2237), (1157, 2279), (1246, 2402), (1249, 2408), (1259, 2429), (1265, 2441), (1304, 2480), (1306, 2483),

Gene: Phisb_3 Start: 677, Stop: 2305, Start Num: 211
Candidate Starts for Phisb_3:
(Start: 211 @677 has 88 MA's), (330, 833), (409, 941), (459, 1025), (479, 1049), (489, 1067), (554, 1124), (585, 1175), (586, 1178), (607, 1238), (622, 1256), (632, 1286), (642, 1316), (949, 1772), (963, 1787), (1132, 2015), (1222, 2138), (1249, 2186), (1318, 2294),

Gene: PhishRPhriends_12 Start: 6220, Stop: 7920, Start Num: 104
Candidate Starts for PhishRPhriends_12:
(Start: 104 @6220 has 125 MA's), (151, 6268), (Start: 224 @6340 has 17 MA's), (292, 6403), (476, 6682), (593, 6880), (634, 6970), (671, 7033), (760, 7195), (915, 7393), (928, 7417), (930, 7420), (988, 7483), (992, 7495), (995, 7504), (1007, 7522), (1026, 7543), (1096, 7639), (1134, 7693), (1182, 7729), (1269, 7876), (1292, 7906), (1294, 7909),

Gene: Phives_3 Start: 1606, Stop: 3312, Start Num: 101
Candidate Starts for Phives_3:
(Start: 101 @1606 has 50 MA's), (476, 2035), (512, 2083), (572, 2173), (631, 2305), (646, 2347), (828, 2599), (915, 2722), (1064, 2941), (1096, 2977), (1106, 2992), (1196, 3127), (1251, 3223), (1256, 3235),

Gene: Phlei_8 Start: 7957, Stop: 9663, Start Num: 154
Candidate Starts for Phlei_8:
(Start: 103 @7912 has 278 MA's), (Start: 154 @7957 has 1 MA's), (276, 8119), (288, 8137), (325, 8188), (363, 8236), (406, 8299), (445, 8368), (450, 8377), (476, 8422), (558, 8533), (569, 8557), (571, 8560), (593, 8623), (596, 8632), (603, 8647), (637, 8722), (673, 8779), (687, 8815), (701, 8839), (751, 8923), (778, 8965), (855, 9052), (864, 9064), (915, 9139), (920, 9151), (928, 9163), (930, 9166), (988, 9226), (1007, 9265), (1020, 9274), (1026, 9286), (1096, 9382), (1144, 9451), (1246, 9577), (1251, 9586), (1253, 9589), (1269, 9619), (1290, 9646), (1292, 9649),

Gene: PhlipPhlop_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for PhlipPhlop_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Phlorence_9 Start: 6269, Stop: 8047, Start Num: 53
Candidate Starts for Phlorence_9:
(Start: 53 @6269 has 20 MA's), (Start: 63 @6296 has 32 MA's), (114, 6365), (Start: 154 @6404 has 1 MA's), (228, 6479), (Start: 231 @6485 has 26 MA's), (350, 6617), (406, 6692), (407, 6695), (489, 6830), (521, 6869), (536, 6893), (593, 7001), (613, 7046), (643, 7124), (646, 7130), (743, 7295), (763, 7328), (778, 7349), (915, 7523), (928, 7547), (930, 7550), (988, 7610), (992, 7622), (1007, 7649), (1026, 7670), (1086, 7754), (1096, 7766), (1269, 8003), (1294, 8036), (1299, 8042),

Gene: Phloss_2 Start: 504, Stop: 2036, Start Num: 234
Candidate Starts for Phloss_2:
(Start: 231 @501 has 26 MA's), (Start: 234 @504 has 29 MA's), (243, 516), (Start: 245 @519 has 1 MA's), (282, 576), (Start: 297 @594 has 2 MA's), (309, 606), (368, 678), (380, 696), (390, 714), (400, 735), (443, 798), (459, 837), (487, 870), (508, 918), (573, 1002), (584, 1017), (601, 1068), (605, 1077), (623, 1101), (636, 1140), (637, 1143), (641, 1155), (713, 1281), (728, 1305), (769, 1368), (830, 1452), (886, 1524), (902, 1548), (925, 1590), (930, 1599), (977, 1656), (995, 1695), (1033, 1752), (1041, 1758), (1047, 1761), (1079, 1782), (1109, 1830), (1134, 1866), (1207, 1947), (1210, 1953),

Gene: PhluffyCoco_2 Start: 370, Stop: 1992, Start Num: 182
Candidate Starts for PhluffyCoco_2:
(Start: 164 @349 has 12 MA's), (Start: 182 @370 has 18 MA's), (374, 601), (377, 604), (381, 613), (400, 649), (409, 667), (455, 745), (554, 850), (607, 964), (625, 988), (636, 1024), (643, 1045), (651, 1060), (682, 1120), (744, 1204), (896, 1420), (905, 1432), (916, 1459), (949, 1498), (953, 1504), (980, 1543), (1000, 1570), (1014, 1582), (1030, 1615), (1038, 1627), (1063, 1660), (1203, 1831), (1246, 1900), (1249, 1906), (1259, 1927), (1271, 1948), (1304, 1978), (1306, 1981), (1308, 1984),

Gene: Phoebe_13 Start: 6955, Stop: 8655, Start Num: 104
Candidate Starts for Phoebe_13:
(Start: 104 @6955 has 125 MA's), (151, 7003), (292, 7138), (426, 7330), (476, 7417), (593, 7615), (634, 7705), (671, 7768), (760, 7930), (915, 8128), (928, 8152), (930, 8155), (988, 8218), (995, 8239), (1026, 8278), (1096, 8374), (1134, 8428), (1182, 8464), (1269, 8611), (1292, 8641), (1294, 8644),

Gene: Phomeo_23 Start: 12804, Stop: 14531, Start Num: 124
Candidate Starts for Phomeo_23:
(22, 12570), (52, 12699), (Start: 124 @12804 has 12 MA's), (270, 12954), (317, 13005), (319, 13011), (346, 13050), (361, 13080), (375, 13104), (384, 13122), (398, 13149), (425, 13212), (433, 13230), (597, 13515), (612, 13542), (643, 13626), (695, 13710), (699, 13722), (716, 13755), (798, 13833), (867, 13911), (915, 13983), (937, 14016), (973, 14079), (988, 14106), (996, 14130), (1020, 14154), (1084, 14253), (1121, 14301), (1246, 14439), (1261, 14469), (1297, 14523),

Gene: Phonnegut_13 Start: 8163, Stop: 9929, Start Num: 123
Candidate Starts for Phonnegut_13:

(Start: 103 @8142 has 278 MA's), (Start: 117 @8157 has 12 MA's), (Start: 123 @8163 has 9 MA's), (Start: 231 @8274 has 26 MA's), (288, 8373), (406, 8535), (445, 8607), (476, 8661), (503, 8700), (558, 8772), (593, 8862), (603, 8886), (663, 9003), (673, 9018), (727, 9126), (776, 9201), (798, 9237), (837, 9297), (920, 9417), (936, 9438), (980, 9477), (1007, 9531), (1015, 9534), (1026, 9552), (1061, 9606), (1086, 9636), (1096, 9648), (1182, 9738), (1198, 9756), (1269, 9885), (1290, 9912), (1292, 9915),

Gene: Phontbonne_11 Start: 6828, Stop: 8525, Start Num: 102
Candidate Starts for Phontbonne_11:
(26, 6651), (32, 6669), (36, 6699), (Start: 102 @6828 has 391 MA's), (Start: 126 @6852 has 206 MA's), (Start: 239 @6975 has 2 MA's), (339, 7065), (363, 7098), (426, 7197), (473, 7281), (476, 7284), (503, 7323), (558, 7392), (569, 7416), (593, 7482), (634, 7572), (720, 7737), (778, 7824), (798, 7857), (864, 7923), (913, 7995), (915, 7998), (928, 8022), (980, 8073), (988, 8088), (1007, 8127), (1026, 8148), (1096, 8244), (1269, 8481), (1292, 8511), (1294, 8514),

Gene: Phoxy_13 Start: 7041, Stop: 8741, Start Num: 104
Candidate Starts for Phoxy_13:
(Start: 104 @7041 has 125 MA's), (151, 7089), (292, 7224), (426, 7416), (476, 7503), (593, 7701), (634, 7791), (671, 7854), (760, 8016), (915, 8214), (928, 8238), (930, 8241), (988, 8304), (995, 8325), (1026, 8364), (1096, 8460), (1134, 8514), (1182, 8550), (1269, 8697), (1292, 8727), (1294, 8730),

Gene: Phrank15_2 Start: 597, Stop: 2330, Start Num: 160
Candidate Starts for Phrank15_2:
(Start: 160 @597 has 5 MA's), (Start: 241 @690 has 2 MA's), (Start: 244 @693 has 5 MA's), (295, 783), (315, 807), (335, 843), (337, 846), (369, 906), (426, 1014), (476, 1101), (491, 1119), (538, 1188), (590, 1278), (603, 1311), (607, 1320), (623, 1341), (635, 1377), (737, 1512), (747, 1518), (771, 1557), (814, 1626), (892, 1692), (899, 1704), (917, 1740), (955, 1788), (977, 1824), (1007, 1881), (1046, 1944), (1094, 2028), (1105, 2052), (1134, 2094), (1196, 2151), (1198, 2154), (1205, 2166), (1246, 2235), (1267, 2277), (1283, 2304), (1292, 2316),

Gene: Phrankenstein_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Phrankenstein_8:
(Start: 104 @3156 has 125 MA's), (Start: 302 @3342 has 3 MA's), (350, 3414), (363, 3426), (379, 3450), (383, 3462), (476, 3615), (489, 3630), (536, 3690), (593, 3798), (621, 3855), (718, 4053), (729, 4071), (763, 4125), (892, 4269), (913, 4308), (915, 4311), (936, 4344), (992, 4413), (1096, 4557), (1130, 4602), (1196, 4662), (1251, 4761), (1269, 4794), (1290, 4821), (1292, 4824), (1294, 4827),

Gene: Phrann_2 Start: 509, Stop: 2044, Start Num: 231
Candidate Starts for Phrann_2:
(Start: 231 @509 has 26 MA's), (Start: 234 @512 has 29 MA's), (Start: 245 @527 has 1 MA's), (282, 584), (Start: 297 @602 has 2 MA's), (309, 614), (323, 635), (Start: 324 @638 has 4 MA's), (368, 686), (390, 722), (400, 743), (443, 806), (508, 926), (573, 1010), (601, 1076), (636, 1148), (637, 1151), (641, 1163), (713, 1289), (728, 1313), (769, 1376), (830, 1460), (873, 1517), (886, 1532), (930, 1607), (943, 1625), (1047, 1769), (1079, 1790), (1098, 1823), (1109, 1838), (1134, 1874), (1205, 1952), (1207, 1955), (1210, 1961),

Gene: Phranny_14 Start: 7027, Stop: 8727, Start Num: 104
Candidate Starts for Phranny_14:
(Start: 104 @7027 has 125 MA's), (151, 7075), (292, 7210), (476, 7489), (593, 7687), (634, 7777), (671, 7840), (760, 8002), (915, 8200), (928, 8224), (930, 8227), (988, 8290), (992, 8302), (995, 8311), (1007, 8329), (1026, 8350), (1096, 8446), (1134, 8500), (1182, 8536), (1269, 8683), (1292, 8713), (1294, 8716),

Gene: PhriskyACE_2 Start: 318, Stop: 1877, Start Num: 134

Candidate Starts for PhriskyACE_2:
(86, 258), (Start: 134 @318 has 105 MA's), (251, 426), (313, 504), (332, 537), (397, 621), (402, 630), (431, 666), (476, 744), (550, 816), (552, 819), (573, 855), (596, 912), (599, 921), (607, 936), (647, 1020), (679, 1071), (736, 1137), (760, 1179), (837, 1293), (876, 1344), (895, 1365), (918, 1410), (950, 1446), (952, 1449), (986, 1491), (989, 1497), (1005, 1530), (1078, 1620), (1087, 1632), (1120, 1671), (1266, 1860),

Gene: PhrostedPhlake_2 Start: 360, Stop: 1928, Start Num: 163
Candidate Starts for PhrostedPhlake_2:
(59, 255), (Start: 113 @333 has 24 MA's), (Start: 163 @360 has 37 MA's), (251, 444), (269, 477), (313, 519), (Start: 324 @537 has 4 MA's), (334, 552), (362, 573), (377, 594), (396, 633), (431, 693), (451, 729), (454, 741), (491, 786), (498, 795), (522, 822), (584, 900), (630, 1005), (637, 1020), (642, 1035), (702, 1113), (736, 1164), (837, 1320), (869, 1359), (898, 1398), (914, 1431), (923, 1443), (963, 1488), (965, 1491), (968, 1497), (984, 1518), (989, 1527), (990, 1530), (1005, 1560), (1033, 1599), (1118, 1701), (1148, 1743), (1156, 1758), (1176, 1779), (1188, 1794), (1251, 1890), (1262, 1902), (1269, 1911),

Gene: PhrostyMug_11 Start: 7045, Stop: 8733, Start Num: 102
Candidate Starts for PhrostyMug_11:
(Start: 102 @7045 has 391 MA's), (363, 7309), (379, 7333), (476, 7495), (500, 7528), (558, 7603), (593, 7693), (603, 7717), (621, 7744), (637, 7792), (720, 7948), (760, 8008), (930, 8233), (939, 8242), (952, 8254), (988, 8296), (995, 8317), (1020, 8344), (1096, 8452), (1182, 8542), (1246, 8647),

Gene: Phrux_8 Start: 2260, Stop: 3930, Start Num: 301
Candidate Starts for Phrux_8:
(Start: 301 @2260 has 48 MA's), (344, 2323), (479, 2557), (548, 2659), (632, 2839), (641, 2863), (650, 2881), (663, 2893), (694, 2956), (698, 2968), (725, 3013), (734, 3028), (784, 3106), (811, 3151), (845, 3205), (851, 3211), (917, 3325), (994, 3469), (1007, 3490), (1019, 3505), (1118, 3658), (1129, 3670), (1175, 3727), (1205, 3763), (1235, 3814), (1251, 3850), (1253, 3853), (1294, 3919),

Gene: Picconator_3 Start: 1086, Stop: 2546, Start Num: 193
Candidate Starts for Picconator_3:
(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (744, 1881), (753, 1896), (777, 1932), (804, 1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: Pickett_2 Start: 318, Stop: 1889, Start Num: 134
Candidate Starts for Pickett_2:
(Start: 134 @318 has 105 MA's), (313, 504), (332, 537), (397, 621), (402, 630), (431, 666), (461, 726), (550, 816), (552, 819), (596, 912), (607, 936), (630, 978), (654, 1032), (679, 1071), (736, 1137), (741, 1149), (760, 1179), (783, 1212), (837, 1293), (873, 1338), (876, 1344), (895, 1365), (950, 1455), (986, 1500), (989, 1506), (1003, 1536), (1005, 1539), (1044, 1593), (1078, 1629), (1120, 1680), (1162, 1740), (1164, 1743), (1200, 1785), (1266, 1872),

Gene: PickleBack_9 Start: 5979, Stop: 7757, Start Num: 53
Candidate Starts for PickleBack_9:
(Start: 53 @5979 has 20 MA's), (Start: 63 @6006 has 32 MA's), (114, 6075), (Start: 154 @6114 has 1 MA's), (228, 6189), (Start: 231 @6195 has 26 MA's), (350, 6327), (406, 6402), (407, 6405), (489, 6540), (521, 6579), (536, 6603), (593, 6711), (613, 6756), (643, 6834), (646, 6840), (743, 7005), (763, 7038), (778, 7059), (915, 7233), (928, 7257), (930, 7260), (988, 7320), (992, 7332), (1007, 7359), (1026, 7380), (1086, 7464), (1096, 7476), (1269, 7713), (1294, 7746), (1299, 7752),

Gene: Picnic_3 Start: 1074, Stop: 2534, Start Num: 193
Candidate Starts for Picnic_3:
(Start: 193 @1074 has 146 MA's), (325, 1242), (330, 1251), (377, 1311), (415, 1380), (431, 1401), (455, 1452), (606, 1656), (744, 1869), (753, 1884), (777, 1920), (804, 1962), (832, 1995), (840, 2013), (923, 2133), (925, 2136), (936, 2148), (990, 2223), (1031, 2286), (1044, 2304), (1045, 2307), (1186, 2469), (1199, 2478), (1205, 2487), (1232, 2526),

Gene: Pimento_6 Start: 1978, Stop: 3408, Start Num: 329
Candidate Starts for Pimento_6:
(201, 1810), (Start: 204 @1813 has 1 MA's), (207, 1816), (213, 1822), (Start: 329 @1978 has 15 MA's), (343, 1996), (409, 2119), (427, 2137), (452, 2185), (504, 2269), (585, 2353), (588, 2368), (601, 2401), (634, 2467), (666, 2536), (700, 2599), (819, 2788), (829, 2800), (866, 2848), (898, 2890), (928, 2941), (990, 3019), (1003, 3046), (1044, 3106), (1069, 3139), (1083, 3154), (1118, 3190), (1154, 3232), (1178, 3259), (1211, 3295), (1214, 3301), (1241, 3340),

Gene: Pineda_4 Start: 1013, Stop: 2494, Start Num: 300
Candidate Starts for Pineda_4:
(Start: 164 @848 has 12 MA's), (Start: 300 @1013 has 12 MA's), (325, 1052), (374, 1103), (381, 1115), (400, 1151), (409, 1169), (554, 1352), (607, 1466), (619, 1478), (636, 1526), (643, 1547), (651, 1562), (682, 1619), (905, 1934), (949, 2000), (962, 2012), (980, 2045), (1014, 2084), (1017, 2093), (1020, 2096), (1063, 2162), (1093, 2192), (1126, 2237), (1157, 2279), (1182, 2306), (1184, 2309), (1246, 2402), (1249, 2408), (1259, 2429), (1265, 2441), (1304, 2480), (1306, 2483),

Gene: PinkFriday_2 Start: 599, Stop: 1993, Start Num: 297
Candidate Starts for PinkFriday_2:
(Start: 155 @428 has 82 MA's), (Start: 297 @599 has 2 MA's), (374, 692), (380, 701), (396, 734), (404, 749), (409, 758), (430, 782), (455, 836), (542, 947), (554, 965), (586, 1019), (607, 1079), (636, 1139), (647, 1169), (759, 1268), (786, 1316), (880, 1442), (883, 1451), (905, 1487), (908, 1493), (925, 1529), (962, 1565), (1006, 1637), (1015, 1643), (1222, 1859), (1272, 1940), (1308, 1979),

Gene: PinkPlastic_10 Start: 6814, Stop: 8502, Start Num: 102
Candidate Starts for PinkPlastic_10:
(Start: 102 @6814 has 391 MA's), (Start: 302 @6994 has 3 MA's), (363, 7078), (383, 7114), (406, 7141), (456, 7237), (476, 7264), (500, 7297), (558, 7372), (593, 7462), (603, 7486), (637, 7561), (679, 7630), (720, 7717), (727, 7726), (760, 7777), (939, 8011), (952, 8023), (988, 8065), (995, 8086), (1020, 8113), (1096, 8221), (1182, 8311), (1246, 8416),

Gene: Pinto_13 Start: 7121, Stop: 8809, Start Num: 102
Candidate Starts for Pinto_13:
(Start: 102 @7121 has 391 MA's), (363, 7385), (379, 7409), (476, 7571), (500, 7604), (558, 7679), (593, 7769), (603, 7793), (621, 7820), (637, 7868), (720, 8024), (760, 8084), (930, 8309), (939, 8318), (952, 8330), (988, 8372), (995, 8393), (1020, 8420), (1096, 8528), (1182, 8618), (1246, 8723),

Gene: Pioneer_13 Start: 8157, Stop: 9929, Start Num: 117
Candidate Starts for Pioneer_13:
(Start: 103 @8142 has 278 MA's), (Start: 117 @8157 has 12 MA's), (Start: 123 @8163 has 9 MA's), (Start: 231 @8274 has 26 MA's), (288, 8373), (406, 8535), (445, 8607), (476, 8661), (503, 8700), (558, 8772), (593, 8862), (603, 8886), (663, 9003), (673, 9018), (727, 9126), (776, 9201), (798, 9237), (837, 9297), (920, 9417), (936, 9438), (980, 9477), (1007, 9531), (1015, 9534), (1026, 9552), (1061, 9606), (1086, 9636), (1096, 9648), (1182, 9738), (1198, 9756), (1269, 9885), (1290, 9912), (1292, 9915),

Gene: Pipcraft_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Pipcraft_11:

(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Pipp_2 Start: 359, Stop: 1927, Start Num: 163
Candidate Starts for Pipp_2:
(59, 254), (Start: 63 @263 has 32 MA's), (Start: 163 @359 has 37 MA's), (269, 476), (313, 518), (Start: 324 @536 has 4 MA's), (334, 551), (362, 572), (377, 593), (394, 626), (396, 632), (431, 692), (451, 728), (454, 740), (491, 785), (498, 794), (522, 821), (584, 899), (630, 1004), (637, 1019), (642, 1034), (702, 1112), (736, 1163), (837, 1319), (869, 1358), (873, 1364), (914, 1430), (923, 1442), (963, 1487), (965, 1490), (968, 1496), (984, 1517), (989, 1526), (990, 1529), (1005, 1559), (1033, 1598), (1085, 1658), (1118, 1700), (1148, 1742), (1156, 1757), (1176, 1778), (1188, 1793), (1251, 1889), (1262, 1901), (1269, 1910),

Gene: Pippin_13 Start: 7322, Stop: 9010, Start Num: 108
Candidate Starts for Pippin_13:
(Start: 108 @7322 has 24 MA's), (292, 7493), (Start: 302 @7502 has 3 MA's), (363, 7586), (380, 7613), (383, 7622), (476, 7772), (500, 7805), (558, 7880), (593, 7970), (603, 7994), (621, 8021), (637, 8069), (720, 8225), (760, 8285), (930, 8510), (939, 8519), (952, 8531), (988, 8573), (995, 8594), (1020, 8621), (1096, 8729), (1182, 8819), (1246, 8924),

Gene: Pippin15_11 Start: 6982, Stop: 8742, Start Num: 217
Candidate Starts for Pippin15_11:
(Start: 217 @6982 has 209 MA's), (Start: 231 @7003 has 26 MA's), (259, 7057), (280, 7075), (287, 7081), (323, 7132), (441, 7336), (449, 7354), (458, 7378), (483, 7411), (504, 7456), (525, 7477), (604, 7648), (621, 7684), (657, 7780), (660, 7786), (680, 7834), (728, 7933), (765, 7996), (770, 8005), (804, 8062), (859, 8146), (868, 8158), (875, 8170), (949, 8272), (1000, 8359), (1003, 8362), (1146, 8566), (1182, 8590), (1196, 8602), (1242, 8683), (1246, 8695),

Gene: Pippy_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for Pippy_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 176 @617 has 83 MA's), (Start: 184 @629 has 3 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (310, 758), (372, 845), (419, 905), (433, 917), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (482, 998), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (689, 1388), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1140, 1979), (1176, 2006), (1202, 2039), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: Pipsqueaks_2 Start: 501, Stop: 2036, Start Num: 231
Candidate Starts for Pipsqueaks_2:
(Start: 231 @501 has 26 MA's), (Start: 234 @504 has 29 MA's), (243, 516), (Start: 245 @519 has 1 MA's), (282, 576), (Start: 297 @594 has 2 MA's), (309, 606), (368, 678), (380, 696), (390, 714), (400, 735), (443, 798), (459, 837), (487, 870), (508, 918), (573, 1002), (584, 1017), (601, 1068), (605, 1077), (623, 1101), (636, 1140), (637, 1143), (641, 1155), (713, 1281), (728, 1305), (769, 1368), (830, 1452), (886, 1524), (902, 1548), (925, 1590), (930, 1599), (977, 1656), (995, 1695), (1033, 1752), (1041, 1758), (1047, 1761), (1079, 1782), (1109, 1830), (1134, 1866), (1207, 1947), (1210, 1953),

Gene: Piro94_13 Start: 7941, Stop: 9728, Start Num: 103

Candidate Starts for Piro94_13:
(23, 7755), (49, 7857), (Start: 103 @7941 has 278 MA's), (Start: 206 @8049 has 29 MA's), (226, 8070), (288, 8178), (476, 8463), (558, 8571), (593, 8661), (603, 8685), (663, 8802), (673, 8817), (915, 9204), (1007, 9330), (1026, 9351), (1086, 9435), (1096, 9447), (1269, 9684), (1290, 9711), (1292, 9714), (1294, 9717), (1296, 9720),

Gene: Pistachio_12 Start: 6043, Stop: 7740, Start Num: 102
Candidate Starts for Pistachio_12:
(Start: 102 @6043 has 391 MA's), (Start: 126 @6067 has 206 MA's), (174, 6115), (363, 6313), (406, 6376), (465, 6487), (476, 6499), (503, 6538), (518, 6550), (558, 6607), (569, 6631), (593, 6697), (596, 6706), (634, 6787), (643, 6814), (720, 6952), (778, 7039), (798, 7072), (864, 7138), (915, 7213), (928, 7237), (930, 7240), (936, 7246), (943, 7255), (980, 7288), (988, 7303), (1026, 7363), (1096, 7459), (1130, 7504), (1134, 7513), (1253, 7666), (1269, 7696), (1292, 7726), (1294, 7729),

Gene: Pita2_13 Start: 7479, Stop: 9167, Start Num: 102
Candidate Starts for Pita2_13:
(Start: 102 @7479 has 391 MA's), (Start: 302 @7659 has 3 MA's), (363, 7743), (383, 7779), (406, 7806), (476, 7929), (558, 8037), (593, 8127), (603, 8151), (621, 8178), (637, 8226), (720, 8382), (760, 8442), (939, 8676), (952, 8688), (988, 8730), (995, 8751), (1020, 8778), (1096, 8886), (1182, 8976), (1246, 9081),

Gene: PitaDog_2 Start: 426, Stop: 1991, Start Num: 155
Candidate Starts for PitaDog_2:
(Start: 155 @426 has 82 MA's), (253, 549), (312, 615), (Start: 324 @636 has 4 MA's), (325, 639), (374, 690), (396, 732), (409, 756), (430, 780), (540, 942), (607, 1077), (623, 1098), (636, 1137), (740, 1236), (759, 1266), (768, 1281), (786, 1314), (815, 1362), (825, 1371), (883, 1449), (905, 1485), (923, 1524), (953, 1557), (963, 1566), (977, 1593), (1020, 1647), (1044, 1689), (1111, 1734), (1126, 1755), (1141, 1779), (1222, 1857),

Gene: Pixelle_2 Start: 533, Stop: 2239, Start Num: 101
Candidate Starts for Pixelle_2:
(Start: 101 @533 has 50 MA's), (203, 599), (444, 905), (476, 962), (491, 983), (512, 1010), (572, 1100), (596, 1154), (619, 1199), (646, 1274), (828, 1526), (915, 1649), (1038, 1829), (1096, 1904), (1106, 1919), (1196, 2054), (1217, 2090), (1251, 2150), (1256, 2162), (1275, 2192),

Gene: Pleakley_33 Start: 12932, Stop: 14611, Start Num: 123
Candidate Starts for Pleakley_33:
(Start: 123 @12932 has 9 MA's), (129, 12938), (Start: 231 @13043 has 26 MA's), (319, 13142), (346, 13181), (361, 13211), (375, 13235), (482, 13391), (597, 13592), (621, 13637), (695, 13787), (699, 13799), (937, 14093), (959, 14126), (996, 14207), (1084, 14330), (1094, 14342), (1166, 14405), (1219, 14474), (1246, 14516), (1261, 14546), (1287, 14588), (1297, 14603),

Gene: Pmask_15 Start: 7523, Stop: 9277, Start Num: 103
Candidate Starts for Pmask_15:
(Start: 103 @7523 has 278 MA's), (288, 7754), (325, 7805), (350, 7841), (406, 7916), (476, 8039), (503, 8078), (558, 8147), (569, 8171), (571, 8174), (593, 8237), (603, 8261), (671, 8390), (673, 8393), (729, 8504), (855, 8666), (915, 8753), (920, 8765), (928, 8777), (980, 8825), (988, 8840), (1007, 8879), (1026, 8900), (1086, 8984), (1096, 8996), (1269, 9233), (1290, 9260), (1292, 9263),

Gene: PoRanda_3 Start: 1104, Stop: 2564, Start Num: 193
Candidate Starts for PoRanda_3:
(Start: 193 @1104 has 146 MA's), (Start: 198 @1110 has 6 MA's), (325, 1272), (330, 1281), (377, 1341), (415, 1410), (431, 1431), (451, 1467), (455, 1482), (606, 1686), (669, 1821), (744, 1899), (753,

1914), (765, 1932), (777, 1950), (804, 1992), (832, 2025), (840, 2043), (923, 2163), (925, 2166), (936, 2178), (943, 2190), (990, 2253), (1028, 2310), (1031, 2316), (1038, 2325), (1044, 2334), (1045, 2337), (1186, 2499), (1199, 2508), (1205, 2517), (1232, 2556),

Gene: Pocahontas_12 Start: 7041, Stop: 8738, Start Num: 102
Candidate Starts for Pocahontas_12:
(Start: 102 @7041 has 391 MA's), (Start: 126 @7065 has 206 MA's), (363, 7311), (465, 7485), (476, 7497), (503, 7536), (518, 7548), (558, 7605), (569, 7629), (593, 7695), (596, 7704), (634, 7785), (646, 7818), (720, 7950), (729, 7962), (763, 8016), (778, 8037), (798, 8070), (855, 8124), (915, 8211), (928, 8235), (930, 8238), (936, 8244), (943, 8253), (988, 8301), (1007, 8340), (1015, 8343), (1026, 8361), (1096, 8457), (1134, 8511), (1253, 8664), (1269, 8694), (1292, 8724), (1294, 8727),

Gene: Poco6_016 Start: 15744, Stop: 17489, Start Num: 217
Candidate Starts for Poco6_016:
(Start: 217 @15744 has 209 MA's), (222, 15750), (252, 15798), (280, 15837), (287, 15843), (343, 15933), (357, 15966), (431, 16080), (504, 16218), (523, 16236), (525, 16239), (561, 16308), (592, 16380), (604, 16410), (625, 16455), (653, 16536), (657, 16542), (680, 16596), (709, 16662), (728, 16695), (731, 16701), (761, 16752), (791, 16800), (804, 16824), (944, 17016), (949, 17019), (961, 17025), (988, 17076), (991, 17085), (996, 17100), (1000, 17106), (1003, 17109), (1043, 17169), (1182, 17337), (1196, 17349), (1244, 17439), (1246, 17442),

Gene: PoeMe_8 Start: 3533, Stop: 5266, Start Num: 217
Candidate Starts for PoeMe_8:
(Start: 217 @3533 has 209 MA's), (287, 3632), (438, 3869), (458, 3917), (504, 3995), (523, 4013), (525, 4016), (561, 4085), (604, 4187), (616, 4211), (636, 4268), (680, 4373), (728, 4472), (744, 4502), (770, 4544), (804, 4601), (859, 4670), (868, 4682), (949, 4796), (967, 4814), (1000, 4883), (1003, 4886), (1131, 5066), (1146, 5090), (1182, 5114), (1196, 5126), (1203, 5138), (1224, 5171), (1244, 5216), (1246, 5219),

Gene: Poenanya_2 Start: 571, Stop: 2208, Start Num: 126
Candidate Starts for Poenanya_2:
(Start: 126 @571 has 206 MA's), (133, 580), (Start: 147 @595 has 3 MA's), (Start: 217 @652 has 209 MA's), (Start: 219 @655 has 2 MA's), (271, 718), (310, 757), (372, 844), (419, 904), (433, 916), (442, 928), (445, 937), (447, 940), (454, 961), (467, 982), (519, 1054), (543, 1093), (580, 1162), (584, 1168), (597, 1198), (598, 1201), (603, 1210), (612, 1225), (621, 1243), (638, 1294), (689, 1387), (695, 1396), (845, 1567), (859, 1579), (915, 1663), (934, 1693), (937, 1696), (940, 1699), (988, 1756), (993, 1771), (995, 1777), (996, 1780), (1007, 1795), (1020, 1804), (1062, 1873), (1082, 1903), (1084, 1912), (1112, 1945), (1140, 1978), (1176, 2005), (1202, 2038), (1222, 2068), (1235, 2089), (1246, 2113), (1251, 2122), (1253, 2125), (1284, 2182),

Gene: Poise_35 Start: 10438, Stop: 12180, Start Num: 176
Candidate Starts for Poise_35:
(Start: 176 @10438 has 83 MA's), (292, 10555), (325, 10600), (354, 10666), (358, 10681), (379, 10714), (380, 10717), (388, 10732), (407, 10756), (409, 10759), (426, 10789), (436, 10810), (443, 10828), (447, 10837), (463, 10873), (476, 10888), (507, 10933), (543, 10975), (565, 11014), (572, 11026), (582, 11047), (604, 11098), (621, 11119), (747, 11341), (814, 11446), (821, 11455), (871, 11488), (890, 11509), (892, 11512), (908, 11539), (915, 11569), (920, 11581), (930, 11596), (939, 11605), (943, 11611), (971, 11653), (983, 11662), (990, 11677), (995, 11692), (1038, 11752), (1061, 11791), (1089, 11824), (1112, 11854), (1115, 11857), (1163, 11941), (1196, 11995), (1205, 12010), (1224, 12037), (1251, 12091), (1309, 12163), (1311, 12166),

Gene: Polka_3 Start: 684, Stop: 2330, Start Num: 164
Candidate Starts for Polka_3:

(Start: 164 @684 has 12 MA's), (Start: 300 @849 has 12 MA's), (325, 888), (374, 939), (381, 951), (400, 987), (409, 1005), (554, 1188), (607, 1302), (619, 1314), (636, 1362), (643, 1383), (651, 1398), (682, 1455), (905, 1770), (949, 1836), (980, 1881), (1014, 1920), (1020, 1932), (1063, 1998), (1093, 2028), (1126, 2073), (1157, 2115), (1182, 2142), (1184, 2145), (1246, 2238), (1249, 2244), (1259, 2265), (1265, 2277), (1304, 2316), (1306, 2319),

Gene: Polka14_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for Polka14_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 184 @629 has 3 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (310, 758), (372, 845), (419, 905), (433, 917), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (689, 1388), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1140, 1979), (1176, 2006), (1202, 2039), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: Polkaroo_2 Start: 413, Stop: 2089, Start Num: 134
Candidate Starts for Polkaroo_2:
(Start: 134 @413 has 105 MA's), (313, 629), (338, 668), (360, 725), (362, 731), (373, 749), (397, 794), (404, 806), (409, 815), (414, 821), (451, 878), (459, 899), (467, 911), (541, 1001), (636, 1190), (702, 1286), (720, 1316), (736, 1337), (828, 1478), (837, 1490), (873, 1535), (984, 1688), (989, 1697), (1000, 1724), (1031, 1766), (1044, 1784), (1118, 1868), (1130, 1883), (1269, 2072),

Gene: Pollux_2 Start: 485, Stop: 2284, Start Num: 113
Candidate Starts for Pollux_2:
(Start: 113 @485 has 24 MA's), (240, 623), (256, 650), (343, 782), (350, 797), (414, 881), (429, 911), (434, 923), (443, 932), (460, 971), (476, 992), (527, 1052), (541, 1076), (580, 1148), (596, 1184), (614, 1220), (647, 1310), (663, 1331), (685, 1376), (687, 1382), (698, 1400), (705, 1415), (868, 1589), (892, 1616), (930, 1685), (936, 1691), (988, 1757), (992, 1769), (1007, 1796), (1064, 1907), (1086, 1943), (1096, 1955), (1100, 1961), (1111, 1979), (1128, 2006), (1143, 2030), (1189, 2093), (1217, 2135), (1249, 2192), (1256, 2207), (1265, 2222), (1300, 2270), (1302, 2273),

Gene: Polly_2 Start: 498, Stop: 2222, Start Num: 206
Candidate Starts for Polly_2:
(Start: 193 @483 has 146 MA's), (Start: 206 @498 has 29 MA's), (280, 588), (437, 828), (439, 834), (450, 858), (483, 915), (536, 987), (633, 1185), (655, 1227), (664, 1233), (702, 1317), (723, 1344), (793, 1455), (809, 1482), (926, 1659), (1092, 1932), (1094, 1935), (1098, 1941), (1115, 1962), (1141, 2001), (1177, 2049), (1185, 2058), (1205, 2082), (1226, 2100), (1253, 2157), (1295, 2214),

Gene: Polo2Bam_2 Start: 652, Stop: 2208, Start Num: 217
Candidate Starts for Polo2Bam_2:
(Start: 126 @571 has 206 MA's), (133, 580), (Start: 147 @595 has 3 MA's), (Start: 184 @628 has 3 MA's), (Start: 217 @652 has 209 MA's), (Start: 219 @655 has 2 MA's), (271, 718), (310, 757), (372, 844), (419, 904), (442, 928), (445, 937), (447, 940), (454, 961), (467, 982), (482, 997), (519, 1054), (543, 1093), (580, 1162), (584, 1168), (597, 1198), (598, 1201), (603, 1210), (612, 1225), (621, 1243), (638, 1294), (689, 1387), (695, 1396), (845, 1567), (859, 1579), (915, 1663), (934, 1693), (937, 1696), (940, 1699), (988, 1756), (993, 1771), (995, 1777), (996, 1780), (1007, 1795), (1020, 1804), (1062, 1873), (1082, 1903), (1084, 1912), (1112, 1945), (1130, 1963), (1140, 1978), (1176, 2005), (1202, 2038), (1219, 2065), (1222, 2068), (1235, 2089), (1246, 2113), (1251, 2122), (1253, 2125), (1284, 2182),

Gene: Polymorphads_11 Start: 6884, Stop: 8581, Start Num: 102

Candidate Starts for Polymorphads_11:
(26, 6707), (32, 6725), (36, 6755), (Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Polyphemus_15 Start: 7525, Stop: 9279, Start Num: 103
Candidate Starts for Polyphemus_15:
(Start: 103 @7525 has 278 MA's), (288, 7756), (325, 7807), (350, 7843), (406, 7918), (476, 8041), (503, 8080), (558, 8149), (569, 8173), (571, 8176), (593, 8239), (603, 8263), (671, 8392), (673, 8395), (729, 8506), (855, 8668), (915, 8755), (920, 8767), (928, 8779), (980, 8827), (988, 8842), (1007, 8881), (1026, 8902), (1086, 8986), (1096, 8998), (1269, 9235), (1290, 9262), (1292, 9265),

Gene: Polyyuki_28 Start: 14049, Stop: 15722, Start Num: 126
Candidate Starts for Polyyuki_28:
(Start: 126 @14049 has 206 MA's), (270, 14193), (317, 14244), (346, 14289), (433, 14418), (445, 14439), (454, 14463), (474, 14490), (499, 14523), (538, 14589), (567, 14637), (597, 14700), (612, 14727), (695, 14895), (699, 14907), (798, 15018), (833, 15069), (916, 15168), (973, 15267), (980, 15279), (992, 15306), (996, 15318), (1007, 15333), (1061, 15408), (1084, 15441), (1112, 15474), (1202, 15558), (1214, 15579), (1246, 15627), (1290, 15702),

Gene: Pomar16_15 Start: 7416, Stop: 9203, Start Num: 103
Candidate Starts for Pomar16_15:
(31, 7257), (34, 7284), (74, 7380), (Start: 103 @7416 has 278 MA's), (Start: 206 @7524 has 29 MA's), (226, 7545), (262, 7611), (288, 7653), (350, 7740), (473, 7935), (476, 7938), (558, 8046), (593, 8136), (603, 8160), (646, 8259), (671, 8289), (673, 8292), (729, 8403), (857, 8592), (980, 8751), (988, 8766), (992, 8778), (1007, 8805), (1026, 8826), (1086, 8910), (1096, 8922), (1182, 9012), (1269, 9159), (1290, 9186), (1292, 9189),

Gene: PondAmelia_4 Start: 960, Stop: 2585, Start Num: 211
Candidate Starts for PondAmelia_4:
(Start: 211 @960 has 88 MA's), (330, 1116), (381, 1170), (409, 1224), (426, 1239), (459, 1308), (491, 1353), (585, 1458), (586, 1461), (607, 1521), (622, 1539), (623, 1542), (632, 1569), (642, 1599), (744, 1761), (898, 1977), (949, 2052), (962, 2064), (1222, 2418),

Gene: Pondwater_3 Start: 1074, Stop: 2534, Start Num: 193
Candidate Starts for Pondwater_3:
(Start: 193 @1074 has 146 MA's), (Start: 198 @1080 has 6 MA's), (325, 1242), (330, 1251), (377, 1311), (415, 1380), (431, 1401), (455, 1452), (606, 1656), (744, 1869), (753, 1884), (777, 1920), (804, 1962), (832, 1995), (840, 2013), (923, 2133), (925, 2136), (936, 2148), (990, 2223), (1031, 2286), (1044, 2304), (1045, 2307), (1186, 2469), (1199, 2478), (1205, 2487), (1232, 2526),

Gene: Pons_4 Start: 897, Stop: 2573, Start Num: 176
Candidate Starts for Pons_4:
(Start: 176 @897 has 83 MA's), (Start: 224 @948 has 17 MA's), (237, 969), (295, 1014), (394, 1158), (434, 1221), (450, 1254), (468, 1290), (476, 1299), (480, 1302), (500, 1335), (507, 1350), (572, 1449), (582, 1470), (597, 1506), (607, 1527), (628, 1563), (654, 1629), (687, 1683), (791, 1863), (814, 1896), (890, 1962), (892, 1965), (917, 2028), (920, 2034), (1038, 2199), (1061, 2232), (1116, 2301), (1119, 2307), (1196, 2379), (1198, 2382), (1249, 2472), (1253, 2478), (1265, 2499), (1311, 2559), (1313, 2562),

Gene: Poochiewood_4 Start: 1058, Stop: 2635, Start Num: 155

Candidate Starts for Poochiewood_4:
(Start: 149 @1052 has 70 MA's), (Start: 155 @1058 has 82 MA's), (284, 1229), (352, 1316), (374, 1334), (379, 1340), (396, 1376), (486, 1514), (488, 1517), (550, 1592), (582, 1646), (584, 1649), (585, 1652), (659, 1820), (684, 1874), (688, 1883), (700, 1898), (713, 1919), (737, 1958), (753, 1979), (757, 1985), (777, 2012), (808, 2054), (848, 2078), (866, 2096), (873, 2105), (876, 2111), (902, 2144), (918, 2177), (953, 2216), (962, 2222), (963, 2225), (990, 2270), (1031, 2336), (1069, 2387), (1087, 2402), (1093, 2411), (1111, 2426), (1114, 2429), (1207, 2531), (1224, 2558), (1252, 2609), (1254, 2612),

Gene: Poompha_10 Start: 4781, Stop: 6472, Start Num: 102
Candidate Starts for Poompha_10:
(Start: 102 @4781 has 391 MA's), (Start: 126 @4805 has 206 MA's), (320, 4997), (350, 5048), (363, 5060), (406, 5123), (450, 5201), (476, 5246), (503, 5285), (543, 5333), (558, 5354), (569, 5378), (593, 5429), (646, 5552), (732, 5699), (769, 5759), (798, 5804), (915, 5945), (963, 5999), (988, 6035), (1007, 6074), (1026, 6095), (1096, 6191), (1144, 6260), (1269, 6428), (1292, 6458), (1294, 6461),

Gene: PopTart_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for PopTart_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Popcicle_12 Start: 7041, Stop: 8738, Start Num: 102
Candidate Starts for Popcicle_12:
(Start: 102 @7041 has 391 MA's), (Start: 126 @7065 has 206 MA's), (363, 7311), (465, 7485), (476, 7497), (503, 7536), (518, 7548), (558, 7605), (569, 7629), (593, 7695), (596, 7704), (634, 7785), (646, 7818), (720, 7950), (729, 7962), (763, 8016), (778, 8037), (798, 8070), (855, 8124), (915, 8211), (928, 8235), (930, 8238), (936, 8244), (943, 8253), (988, 8301), (1007, 8340), (1015, 8343), (1026, 8361), (1096, 8457), (1134, 8511), (1253, 8664), (1269, 8694), (1292, 8724), (1294, 8727),

Gene: Popper_4 Start: 1461, Stop: 3161, Start Num: 197
Candidate Starts for Popper_4:
(Start: 180 @1440 has 11 MA's), (Start: 197 @1461 has 23 MA's), (Start: 300 @1605 has 12 MA's), (312, 1620), (330, 1653), (377, 1698), (379, 1701), (400, 1743), (409, 1761), (412, 1764), (430, 1785), (491, 1890), (554, 1944), (607, 2058), (643, 2139), (680, 2214), (768, 2370), (815, 2436), (829, 2451), (908, 2598), (914, 2622), (918, 2631), (943, 2661), (963, 2679), (986, 2721), (1038, 2793), (1096, 2835), (1203, 2952), (1205, 2955), (1208, 2961), (1242, 3012), (1246, 3024), (1269, 3069), (1292, 3102), (1317, 3141), (1318, 3150),

Gene: Popy_7 Start: 2850, Stop: 4595, Start Num: 217
Candidate Starts for Popy_7:
(Start: 217 @2850 has 209 MA's), (252, 2904), (Start: 255 @2907 has 1 MA's), (280, 2943), (287, 2949), (430, 3183), (485, 3282), (504, 3324), (525, 3345), (547, 3387), (556, 3399), (596, 3498), (604, 3516), (621, 3552), (713, 3777), (728, 3801), (731, 3807), (804, 3930), (859, 3999), (940, 4116), (967, 4143), (1000, 4212), (1003, 4215), (1038, 4266), (1101, 4353), (1146, 4419), (1182, 4443), (1196, 4455), (1207, 4473), (1244, 4545), (1246, 4548),

Gene: Porcelain_10 Start: 3527, Stop: 5059, Start Num: 232

Candidate Starts for Porcelain_10:
(159, 3443), (Start: 196 @3485 has 1 MA's), (207, 3494), (Start: 232 @3527 has 12 MA's), (323, 3641), (360, 3704), (380, 3737), (381, 3740), (404, 3785), (452, 3860), (454, 3869), (550, 3971), (552, 3974), (573, 4010), (588, 4043), (713, 4292), (767, 4355), (783, 4382), (900, 4541), (918, 4577), (952, 4607), (962, 4616), (990, 4670), (1000, 4694), (1186, 4928), (1202, 4940),

Gene: Porky_7 Start: 1834, Stop: 3504, Start Num: 296
Candidate Starts for Porky_7:
(Start: 296 @1834 has 11 MA's), (479, 2131), (548, 2233), (632, 2413), (641, 2437), (650, 2455), (663, 2467), (694, 2530), (698, 2542), (725, 2587), (734, 2602), (784, 2680), (811, 2725), (845, 2779), (851, 2785), (917, 2899), (946, 2947), (994, 3043), (1007, 3064), (1019, 3079), (1118, 3232), (1129, 3244), (1175, 3301), (1205, 3337), (1235, 3388), (1251, 3424), (1253, 3427), (1294, 3493),

Gene: Posh_2 Start: 485, Stop: 2284, Start Num: 113
Candidate Starts for Posh_2:
(Start: 113 @485 has 24 MA's), (240, 623), (343, 782), (350, 797), (414, 881), (429, 911), (434, 923), (443, 932), (460, 971), (476, 992), (541, 1076), (572, 1130), (580, 1148), (593, 1175), (629, 1259), (647, 1310), (663, 1331), (704, 1412), (778, 1490), (892, 1616), (920, 1670), (930, 1685), (936, 1691), (943, 1700), (988, 1757), (992, 1769), (1064, 1907), (1086, 1943), (1096, 1955), (1100, 1961), (1111, 1979), (1128, 2006), (1143, 2030), (1189, 2093), (1217, 2135), (1249, 2192), (1256, 2207), (1265, 2222), (1267, 2225), (1278, 2240), (1300, 2270), (1302, 2273),

Gene: PotPie_4 Start: 1762, Stop: 3438, Start Num: 176
Candidate Starts for PotPie_4:
(Start: 176 @1762 has 83 MA's), (Start: 224 @1813 has 17 MA's), (237, 1834), (295, 1879), (325, 1921), (350, 1957), (394, 2023), (434, 2086), (450, 2119), (468, 2155), (476, 2164), (480, 2167), (507, 2215), (518, 2227), (572, 2314), (654, 2494), (687, 2548), (791, 2728), (814, 2761), (890, 2827), (917, 2893), (920, 2899), (988, 2983), (1038, 3064), (1061, 3097), (1116, 3166), (1196, 3244), (1253, 3343), (1265, 3364), (1269, 3370), (1311, 3424), (1313, 3427),

Gene: PotatoChip_12 Start: 6678, Stop: 8744, Start Num: 5
Candidate Starts for PotatoChip_12:
(Start: 5 @6678 has 5 MA's), (13, 6735), (30, 6873), (33, 6903), (43, 6927), (Start: 106 @7044 has 2 MA's), (Start: 126 @7065 has 206 MA's), (Start: 147 @7089 has 3 MA's), (Start: 202 @7152 has 4 MA's), (Start: 224 @7176 has 17 MA's), (343, 7338), (349, 7353), (359, 7371), (361, 7374), (375, 7398), (384, 7416), (433, 7473), (435, 7476), (454, 7518), (473, 7545), (485, 7563), (503, 7590), (513, 7608), (516, 7611), (558, 7665), (597, 7749), (598, 7752), (608, 7773), (621, 7794), (646, 7866), (670, 7896), (695, 7947), (769, 8028), (792, 8061), (916, 8223), (992, 8325), (1007, 8352), (1020, 8361), (1094, 8472), (1166, 8535), (1246, 8646), (1251, 8655), (1301, 8736),

Gene: PotatoSplit_14 Start: 6957, Stop: 8657, Start Num: 104
Candidate Starts for PotatoSplit_14:
(Start: 104 @6957 has 125 MA's), (151, 7005), (292, 7140), (426, 7332), (476, 7419), (593, 7617), (634, 7707), (671, 7770), (760, 7932), (915, 8130), (928, 8154), (930, 8157), (988, 8220), (995, 8241), (1026, 8280), (1096, 8376), (1134, 8430), (1182, 8466), (1269, 8613), (1292, 8643), (1294, 8646),

Gene: Potatoes_5 Start: 3127, Stop: 4692, Start Num: 155
Candidate Starts for Potatoes_5:
(Start: 155 @3127 has 82 MA's), (Start: 324 @3337 has 4 MA's), (374, 3391), (409, 3457), (430, 3481), (573, 3697), (584, 3712), (586, 3718), (607, 3778), (636, 3838), (740, 3937), (759, 3967), (768, 3982), (815, 4063), (880, 4141), (883, 4150), (905, 4186), (923, 4225), (953, 4258), (963, 4267), (977, 4294), (1020, 4348), (1044, 4390), (1111, 4435), (1126, 4456), (1222, 4558), (1308, 4678),

Gene: Poushou_3 Start: 1236, Stop: 2873, Start Num: 150
Candidate Starts for Poushou_3:
(Start: 150 @1236 has 4 MA's), (Start: 176 @1260 has 83 MA's), (Start: 241 @1338 has 2 MA's), (320, 1404), (383, 1503), (394, 1521), (406, 1530), (409, 1536), (431, 1584), (434, 1590), (443, 1599), (462, 1641), (465, 1647), (468, 1650), (476, 1659), (532, 1737), (590, 1854), (594, 1866), (595, 1869), (603, 1878), (634, 1941), (673, 2013), (687, 2046), (758, 2124), (848, 2235), (892, 2280), (984, 2412), (988, 2418), (1071, 2550), (1096, 2589), (1182, 2679), (1203, 2706), (1249, 2787), (1256, 2802), (1257, 2805), (1262, 2814), (1300, 2862),

Gene: Powelldog_7 Start: 3349, Stop: 5097, Start Num: 217
Candidate Starts for Powelldog_7:
(Start: 217 @3349 has 209 MA's), (287, 3448), (353, 3568), (458, 3745), (482, 3775), (504, 3823), (525, 3844), (580, 3946), (604, 4015), (616, 4039), (680, 4201), (699, 4246), (713, 4276), (728, 4300), (804, 4429), (859, 4501), (868, 4513), (949, 4627), (990, 4690), (1000, 4714), (1003, 4717), (1030, 4756), (1068, 4810), (1136, 4906), (1182, 4945), (1196, 4957), (1207, 4975), (1246, 5050),

Gene: Power_12 Start: 7386, Stop: 9173, Start Num: 103
Candidate Starts for Power_12:
(Start: 103 @7386 has 278 MA's), (Start: 206 @7494 has 29 MA's), (226, 7515), (288, 7623), (309, 7647), (383, 7758), (406, 7785), (473, 7905), (476, 7908), (558, 8016), (593, 8106), (603, 8130), (663, 8247), (673, 8262), (857, 8562), (992, 8748), (1007, 8775), (1026, 8796), (1096, 8892), (1269, 9129), (1290, 9156), (1292, 9159),

Gene: PowerRanger_11 Start: 7306, Stop: 8994, Start Num: 102
Candidate Starts for PowerRanger_11:
(Start: 102 @7306 has 391 MA's), (Start: 302 @7486 has 3 MA's), (363, 7570), (383, 7606), (406, 7633), (476, 7756), (558, 7864), (593, 7954), (603, 7978), (621, 8005), (637, 8053), (679, 8122), (720, 8209), (760, 8269), (930, 8494), (939, 8503), (952, 8515), (988, 8557), (995, 8578), (1020, 8605), (1096, 8713), (1182, 8803), (1246, 8908),

Gene: Powerball_2 Start: 318, Stop: 1877, Start Num: 134
Candidate Starts for Powerball_2:
(86, 258), (Start: 134 @318 has 105 MA's), (251, 426), (313, 504), (332, 537), (397, 621), (402, 630), (431, 666), (476, 744), (550, 816), (552, 819), (573, 855), (596, 912), (599, 921), (607, 936), (642, 1008), (647, 1020), (679, 1071), (736, 1137), (760, 1179), (837, 1293), (876, 1344), (895, 1365), (918, 1410), (950, 1446), (952, 1449), (986, 1491), (989, 1497), (1078, 1620), (1087, 1632), (1120, 1671), (1266, 1860),

Gene: Powerpuff_2 Start: 533, Stop: 2290, Start Num: 101
Candidate Starts for Powerpuff_2:
(12, 242), (14, 251), (Start: 101 @533 has 50 MA's), (444, 905), (476, 962), (512, 1010), (572, 1100), (596, 1154), (646, 1274), (699, 1364), (828, 1526), (915, 1700), (1096, 1955), (1106, 1970), (1144, 2024), (1196, 2105), (1244, 2189), (1256, 2213),

Gene: PrairieDogTown_3 Start: 1243, Stop: 2838, Start Num: 194
Candidate Starts for PrairieDogTown_3:
(Start: 194 @1243 has 13 MA's), (396, 1501), (409, 1525), (414, 1531), (607, 1822), (627, 1852), (643, 1903), (647, 1912), (734, 2014), (740, 2026), (832, 2149), (914, 2278), (1063, 2506), (1101, 2548), (1306, 2827),

Gene: Preamble_2 Start: 426, Stop: 1991, Start Num: 155
Candidate Starts for Preamble_2:

(Start: 155 @426 has 82 MA's), (253, 549), (374, 690), (379, 696), (401, 741), (409, 756), (414, 762), (430, 780), (584, 1011), (586, 1017), (607, 1077), (740, 1236), (759, 1266), (768, 1281), (832, 1380), (880, 1440), (883, 1449), (923, 1524), (953, 1557), (963, 1566), (977, 1593), (1020, 1647), (1044, 1689), (1126, 1755), (1222, 1857), (1308, 1977),

Gene: Priamo_15 Start: 7551, Stop: 9305, Start Num: 103
Candidate Starts for Priamo_15:
(Start: 103 @7551 has 278 MA's), (288, 7782), (325, 7833), (350, 7869), (406, 7944), (476, 8067), (503, 8106), (558, 8175), (569, 8199), (571, 8202), (593, 8265), (603, 8289), (646, 8388), (647, 8391), (671, 8418), (673, 8421), (864, 8706), (920, 8793), (928, 8805), (988, 8868), (1007, 8907), (1026, 8928), (1086, 9012), (1096, 9024), (1269, 9261), (1290, 9288), (1292, 9291),

Gene: Prinashe11_9 Start: 6129, Stop: 7907, Start Num: 53
Candidate Starts for Prinashe11_9:
(Start: 53 @6129 has 20 MA's), (Start: 63 @6156 has 32 MA's), (114, 6225), (228, 6339), (Start: 231 @6345 has 26 MA's), (350, 6477), (406, 6552), (407, 6555), (426, 6588), (445, 6621), (521, 6729), (536, 6753), (558, 6786), (593, 6861), (613, 6906), (643, 6984), (646, 6990), (679, 7035), (743, 7155), (763, 7188), (778, 7209), (915, 7383), (928, 7407), (930, 7410), (988, 7470), (992, 7482), (1007, 7509), (1026, 7530), (1086, 7614), (1096, 7626), (1269, 7863), (1294, 7896), (1299, 7902),

Gene: PrincePatrick_2 Start: 379, Stop: 1929, Start Num: 180
Candidate Starts for PrincePatrick_2:
(Start: 113 @334 has 24 MA's), (Start: 134 @349 has 105 MA's), (157, 355), (Start: 163 @361 has 37 MA's), (Start: 166 @364 has 2 MA's), (Start: 180 @379 has 11 MA's), (250, 442), (269, 478), (293, 505), (313, 520), (334, 553), (362, 574), (377, 595), (396, 634), (409, 658), (431, 694), (454, 742), (489, 784), (498, 796), (584, 901), (637, 1021), (642, 1036), (702, 1114), (723, 1147), (736, 1165), (837, 1321), (855, 1342), (869, 1360), (914, 1432), (953, 1480), (968, 1498), (984, 1519), (989, 1528), (990, 1531), (1005, 1561), (1044, 1615), (1118, 1702), (1148, 1744), (1188, 1795), (1269, 1912), (1273, 1918),

Gene: Pringar_35 Start: 10750, Stop: 12492, Start Num: 176
Candidate Starts for Pringar_35:
(Start: 176 @10750 has 83 MA's), (292, 10867), (325, 10912), (354, 10978), (358, 10993), (379, 11026), (380, 11029), (388, 11044), (407, 11068), (409, 11071), (426, 11101), (436, 11122), (443, 11140), (447, 11149), (463, 11185), (476, 11200), (507, 11245), (543, 11287), (565, 11326), (572, 11338), (582, 11359), (604, 11410), (621, 11431), (747, 11653), (814, 11758), (821, 11767), (871, 11800), (890, 11821), (892, 11824), (908, 11851), (915, 11881), (920, 11893), (930, 11908), (939, 11917), (943, 11923), (971, 11965), (983, 11974), (990, 11989), (995, 12004), (1038, 12064), (1061, 12103), (1089, 12136), (1112, 12166), (1115, 12169), (1163, 12253), (1196, 12307), (1205, 12322), (1224, 12349), (1251, 12403), (1309, 12475), (1311, 12478),

Gene: Priscilla_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for Priscilla_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 176 @617 has 83 MA's), (Start: 184 @629 has 3 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (310, 758), (372, 845), (419, 905), (433, 917), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (482, 998), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (689, 1388), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1140, 1979), (1176, 2006), (1202, 2039), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: Priya_13 Start: 8140, Stop: 9927, Start Num: 103
Candidate Starts for Priya_13:
(Start: 103 @8140 has 278 MA's), (Start: 117 @8155 has 12 MA's), (Start: 123 @8161 has 9 MA's), (Start: 231 @8272 has 26 MA's), (288, 8371), (406, 8533), (445, 8605), (476, 8659), (503, 8698), (558, 8770), (593, 8860), (603, 8884), (663, 9001), (673, 9016), (727, 9124), (776, 9199), (798, 9235), (837, 9295), (920, 9415), (936, 9436), (980, 9475), (1007, 9529), (1015, 9532), (1026, 9550), (1061, 9604), (1086, 9634), (1096, 9646), (1182, 9736), (1198, 9754), (1269, 9883), (1290, 9910), (1292, 9913),

Gene: ProMouse_12 Start: 7442, Stop: 9130, Start Num: 102
Candidate Starts for ProMouse_12:
(Start: 102 @7442 has 391 MA's), (Start: 302 @7622 has 3 MA's), (363, 7706), (380, 7733), (383, 7742), (406, 7769), (476, 7892), (558, 8000), (593, 8090), (603, 8114), (637, 8189), (679, 8258), (720, 8345), (727, 8354), (758, 8402), (760, 8405), (939, 8639), (952, 8651), (988, 8693), (995, 8714), (1020, 8741), (1096, 8849), (1182, 8939), (1246, 9044),

Gene: ProfFrink_8 Start: 3618, Stop: 5366, Start Num: 217
Candidate Starts for ProfFrink_8:
(Start: 200 @3600 has 5 MA's), (Start: 217 @3618 has 209 MA's), (280, 3711), (287, 3717), (325, 3774), (353, 3837), (458, 4014), (504, 4092), (525, 4113), (580, 4215), (604, 4284), (611, 4299), (628, 4341), (680, 4470), (713, 4545), (728, 4569), (791, 4674), (804, 4698), (868, 4782), (949, 4896), (967, 4914), (1000, 4983), (1003, 4986), (1038, 5037), (1068, 5079), (1131, 5166), (1161, 5193), (1182, 5214), (1196, 5226), (1207, 5244), (1246, 5319),

Gene: Provolone_7 Start: 2219, Stop: 3874, Start Num: 70
Candidate Starts for Provolone_7:
(Start: 70 @2219 has 1 MA's), (Start: 75 @2228 has 95 MA's), (Start: 78 @2231 has 1 MA's), (Start: 92 @2246 has 10 MA's), (Start: 239 @2378 has 2 MA's), (325, 2450), (350, 2486), (382, 2531), (443, 2624), (450, 2639), (462, 2666), (468, 2675), (480, 2687), (543, 2774), (571, 2822), (593, 2870), (638, 2969), (663, 3008), (751, 3122), (763, 3143), (786, 3182), (866, 3263), (915, 3332), (917, 3338), (927, 3353), (980, 3416), (1062, 3548), (1096, 3590), (1116, 3617), (1130, 3635), (1184, 3683), (1251, 3791),

Gene: Prudy_15 Start: 9237, Stop: 11024, Start Num: 103
Candidate Starts for Prudy_15:
(Start: 103 @9237 has 278 MA's), (Start: 206 @9345 has 29 MA's), (226, 9366), (288, 9474), (325, 9525), (350, 9561), (406, 9636), (473, 9756), (476, 9759), (558, 9867), (593, 9957), (603, 9981), (673, 10113), (915, 10500), (988, 10587), (992, 10599), (1007, 10626), (1026, 10647), (1096, 10743), (1269, 10980), (1290, 11007), (1292, 11010), (1294, 11013), (1296, 11016),

Gene: PsychoKiller_4 Start: 1113, Stop: 2792, Start Num: 176
Candidate Starts for PsychoKiller_4:
(Start: 176 @1113 has 83 MA's), (Start: 224 @1164 has 17 MA's), (237, 1185), (Start: 239 @1188 has 2 MA's), (Start: 290 @1224 has 2 MA's), (295, 1230), (350, 1311), (394, 1377), (406, 1386), (443, 1458), (450, 1473), (468, 1509), (476, 1518), (507, 1569), (572, 1668), (596, 1722), (619, 1758), (687, 1902), (706, 1938), (729, 1977), (747, 2010), (778, 2058), (798, 2091), (814, 2115), (863, 2148), (890, 2181), (913, 2238), (917, 2247), (984, 2331), (1038, 2418), (1112, 2514), (1185, 2586), (1196, 2598), (1265, 2718), (1311, 2778), (1313, 2781),

Gene: Pterodactyl_2 Start: 426, Stop: 1991, Start Num: 155
Candidate Starts for Pterodactyl_2:
(Start: 155 @426 has 82 MA's), (253, 549), (Start: 302 @603 has 3 MA's), (374, 690), (396, 732), (409, 756), (430, 780), (540, 942), (607, 1077), (623, 1098), (636, 1137), (740, 1236), (759, 1266), (768, 1281), (786, 1314), (815, 1362), (825, 1371), (883, 1449), (905, 1485), (923, 1524), (953, 1557), (963,

1566), (977, 1593), (1020, 1647), (1044, 1689), (1111, 1734), (1126, 1755), (1141, 1779), (1222, 1857),

Gene: Ptowny_8 Start: 1901, Stop: 3571, Start Num: 301
Candidate Starts for Ptowny_8:
(Start: 301 @1901 has 48 MA's), (344, 1964), (479, 2198), (548, 2300), (632, 2480), (641, 2504), (650, 2522), (663, 2534), (694, 2597), (698, 2609), (725, 2654), (734, 2669), (784, 2747), (811, 2792), (845, 2846), (851, 2852), (917, 2966), (946, 3014), (994, 3110), (1007, 3131), (1019, 3146), (1118, 3299), (1129, 3311), (1175, 3368), (1205, 3404), (1235, 3455), (1251, 3491), (1253, 3494), (1294, 3560),

Gene: Publix_3 Start: 1095, Stop: 2555, Start Num: 193
Candidate Starts for Publix_3:
(Start: 193 @1095 has 146 MA's), (Start: 198 @1101 has 6 MA's), (325, 1263), (330, 1272), (377, 1332), (415, 1401), (431, 1422), (455, 1473), (606, 1677), (669, 1812), (753, 1905), (765, 1923), (777, 1941), (804, 1983), (832, 2016), (840, 2034), (923, 2154), (925, 2157), (936, 2169), (943, 2181), (953, 2193), (990, 2244), (1028, 2301), (1031, 2307), (1038, 2316), (1044, 2325), (1045, 2328), (1186, 2490), (1199, 2499), (1205, 2508), (1232, 2547),

Gene: Pucara_2 Start: 625, Stop: 2373, Start Num: 236
Candidate Starts for Pucara_2:
(189, 574), (213, 601), (Start: 236 @625 has 15 MA's), (295, 718), (382, 859), (385, 865), (395, 883), (403, 898), (405, 901), (482, 1039), (536, 1114), (548, 1135), (605, 1261), (664, 1363), (691, 1420), (697, 1435), (723, 1474), (907, 1747), (913, 1762), (924, 1786), (1041, 1996), (1056, 2020), (1064, 2038), (1088, 2068), (1129, 2125), (1150, 2152), (1177, 2176), (1185, 2185), (1251, 2290),

Gene: Puddles3_3 Start: 1074, Stop: 2534, Start Num: 193
Candidate Starts for Puddles3_3:
(Start: 193 @1074 has 146 MA's), (325, 1242), (330, 1251), (377, 1311), (415, 1380), (431, 1401), (455, 1452), (606, 1656), (744, 1869), (753, 1884), (777, 1920), (804, 1962), (832, 1995), (840, 2013), (923, 2133), (925, 2136), (936, 2148), (990, 2223), (1031, 2286), (1044, 2304), (1045, 2307), (1186, 2469), (1199, 2478), (1205, 2487), (1232, 2526),

Gene: PuffyCat_3 Start: 1104, Stop: 2564, Start Num: 193
Candidate Starts for PuffyCat_3:
(Start: 193 @1104 has 146 MA's), (Start: 198 @1110 has 6 MA's), (325, 1272), (330, 1281), (377, 1341), (415, 1410), (431, 1431), (455, 1482), (606, 1686), (669, 1821), (744, 1899), (753, 1914), (765, 1932), (777, 1950), (804, 1992), (832, 2025), (840, 2043), (923, 2163), (925, 2166), (936, 2178), (943, 2190), (953, 2202), (990, 2253), (1028, 2310), (1031, 2316), (1038, 2325), (1044, 2334), (1045, 2337), (1186, 2499), (1199, 2508), (1205, 2517), (1232, 2556),

Gene: Puginator_8 Start: 2746, Stop: 4392, Start Num: 75
Candidate Starts for Puginator_8:
(Start: 75 @2746 has 95 MA's), (Start: 239 @2896 has 2 MA's), (363, 3016), (443, 3142), (462, 3184), (465, 3190), (480, 3205), (543, 3292), (582, 3364), (593, 3388), (638, 3487), (654, 3523), (673, 3541), (766, 3664), (786, 3700), (915, 3850), (927, 3871), (992, 3961), (1007, 3988), (1064, 4069), (1096, 4108), (1112, 4129), (1130, 4153), (1196, 4213), (1251, 4309),

Gene: Pukovnik_14 Start: 9110, Stop: 10888, Start Num: 103
Candidate Starts for Pukovnik_14:
(Start: 103 @9110 has 278 MA's), (Start: 123 @9128 has 9 MA's), (Start: 231 @9239 has 26 MA's), (Start: 239 @9251 has 2 MA's), (260, 9293), (266, 9305), (271, 9314), (288, 9338), (350, 9425), (473, 9620), (476, 9623), (503, 9662), (558, 9731), (593, 9821), (603, 9845), (673, 9977), (857, 10277), (915, 10364), (980, 10436), (992, 10463), (1007, 10490), (1015, 10493), (1026, 10511), (1096, 10607),

(1269, 10844), (1292, 10874),

Gene: Pumancara_2 Start: 428, Stop: 1993, Start Num: 155
Candidate Starts for Pumancara_2:
(Start: 155 @428 has 82 MA's), (Start: 297 @599 has 2 MA's), (374, 692), (380, 701), (396, 734), (409, 758), (430, 782), (455, 836), (542, 947), (554, 965), (584, 1013), (586, 1019), (607, 1079), (636, 1139), (647, 1169), (759, 1268), (880, 1442), (883, 1451), (905, 1487), (908, 1493), (925, 1529), (962, 1565), (1004, 1634), (1006, 1637), (1015, 1643), (1143, 1784), (1222, 1859), (1272, 1940), (1308, 1979),

Gene: Pumbaa_11 Start: 6859, Stop: 8556, Start Num: 102
Candidate Starts for Pumbaa_11:
(Start: 102 @6859 has 391 MA's), (Start: 126 @6883 has 206 MA's), (Start: 239 @7006 has 2 MA's), (339, 7096), (363, 7129), (426, 7228), (473, 7312), (476, 7315), (503, 7354), (558, 7423), (569, 7447), (593, 7513), (634, 7603), (720, 7768), (778, 7855), (798, 7888), (864, 7954), (913, 8026), (915, 8029), (928, 8053), (980, 8104), (988, 8119), (1007, 8158), (1026, 8179), (1096, 8275), (1269, 8512), (1292, 8542), (1294, 8545),

Gene: Pumpkin_9 Start: 2278, Stop: 3948, Start Num: 301
Candidate Starts for Pumpkin_9:
(Start: 301 @2278 has 48 MA's), (344, 2341), (479, 2575), (548, 2677), (632, 2857), (641, 2881), (650, 2899), (663, 2911), (694, 2974), (698, 2986), (725, 3031), (734, 3046), (784, 3124), (811, 3169), (845, 3223), (851, 3229), (917, 3343), (994, 3487), (1019, 3523), (1118, 3676), (1129, 3688), (1175, 3745), (1205, 3781), (1235, 3832), (1251, 3868), (1253, 3871), (1294, 3937),

Gene: Pumpkins_2 Start: 547, Stop: 2244, Start Num: 101
Candidate Starts for Pumpkins_2:
(Start: 101 @547 has 50 MA's), (Start: 224 @634 has 17 MA's), (444, 919), (476, 976), (503, 1018), (572, 1114), (596, 1168), (646, 1288), (699, 1378), (915, 1663), (992, 1774), (1038, 1843), (1096, 1918), (1106, 1933), (1196, 2059), (1244, 2143), (1256, 2167),

Gene: Puppers_2 Start: 482, Stop: 2065, Start Num: 195
Candidate Starts for Puppers_2:
(8, 53), (10, 59), (21, 158), (Start: 195 @482 has 7 MA's), (330, 656), (374, 698), (396, 740), (448, 824), (483, 884), (551, 947), (556, 953), (584, 998), (622, 1082), (635, 1121), (719, 1190), (759, 1253), (797, 1307), (836, 1355), (873, 1406), (893, 1442), (916, 1487), (923, 1499), (952, 1535), (963, 1544), (973, 1562), (1032, 1673), (1096, 1745), (1097, 1748), (1111, 1766), (1134, 1802), (1203, 1901), (1308, 2057),

Gene: Puppet_11 Start: 7062, Stop: 8750, Start Num: 102
Candidate Starts for Puppet_11:
(Start: 102 @7062 has 391 MA's), (363, 7326), (379, 7350), (476, 7512), (500, 7545), (558, 7620), (593, 7710), (603, 7734), (621, 7761), (637, 7809), (679, 7878), (714, 7953), (720, 7965), (760, 8025), (939, 8259), (952, 8271), (988, 8313), (995, 8334), (1020, 8361), (1096, 8469), (1182, 8559), (1246, 8664),

Gene: Puppy_12 Start: 6115, Stop: 7812, Start Num: 102
Candidate Starts for Puppy_12:
(Start: 102 @6115 has 391 MA's), (Start: 126 @6139 has 206 MA's), (174, 6187), (363, 6385), (406, 6448), (465, 6559), (476, 6571), (503, 6610), (518, 6622), (558, 6679), (569, 6703), (593, 6769), (596, 6778), (634, 6859), (643, 6886), (720, 7024), (778, 7111), (798, 7144), (864, 7210), (915, 7285), (928, 7309), (930, 7312), (936, 7318), (943, 7327), (980, 7360), (988, 7375), (1026, 7435), (1096, 7531), (1130, 7576), (1134, 7585), (1253, 7738), (1269, 7768), (1292, 7798), (1294, 7801),

Gene: Purgamenstris_2 Start: 512, Stop: 2044, Start Num: 234
Candidate Starts for Purgamenstris_2:
(Start: 231 @509 has 26 MA's), (Start: 234 @512 has 29 MA's), (Start: 245 @527 has 1 MA's), (282, 584), (Start: 297 @602 has 2 MA's), (309, 614), (368, 686), (390, 722), (400, 743), (443, 806), (508, 926), (573, 1010), (601, 1076), (636, 1148), (637, 1151), (641, 1163), (713, 1289), (728, 1313), (769, 1376), (830, 1460), (873, 1517), (886, 1532), (930, 1607), (943, 1625), (1047, 1769), (1079, 1790), (1098, 1823), (1109, 1838), (1134, 1874), (1205, 1952), (1207, 1955), (1210, 1961),

Gene: Purky_2 Start: 401, Stop: 2077, Start Num: 134
Candidate Starts for Purky_2:
(41, 248), (50, 275), (Start: 134 @401 has 105 MA's), (Start: 232 @512 has 12 MA's), (266, 563), (313, 617), (338, 656), (360, 713), (373, 737), (397, 782), (404, 794), (409, 803), (414, 809), (451, 866), (459, 887), (467, 899), (541, 989), (702, 1274), (736, 1325), (828, 1466), (837, 1478), (857, 1502), (923, 1601), (952, 1634), (984, 1676), (989, 1685), (1000, 1712), (1009, 1724), (1031, 1754), (1044, 1772), (1118, 1856), (1130, 1871), (1269, 2060),

Gene: PurpleHaze_13 Start: 7028, Stop: 8728, Start Num: 104
Candidate Starts for PurpleHaze_13:
(Start: 104 @7028 has 125 MA's), (151, 7076), (Start: 224 @7148 has 17 MA's), (292, 7211), (476, 7490), (593, 7688), (634, 7778), (671, 7841), (760, 8003), (915, 8201), (928, 8225), (930, 8228), (988, 8291), (992, 8303), (995, 8312), (1007, 8330), (1026, 8351), (1096, 8447), (1134, 8501), (1182, 8537), (1269, 8684), (1292, 8714), (1294, 8717),

Gene: Pygmy_2 Start: 401, Stop: 2077, Start Num: 134
Candidate Starts for Pygmy_2:
(Start: 134 @401 has 105 MA's), (313, 617), (338, 656), (360, 713), (362, 719), (373, 737), (397, 782), (404, 794), (409, 803), (414, 809), (451, 866), (459, 887), (467, 899), (541, 989), (636, 1178), (702, 1274), (736, 1325), (837, 1478), (984, 1676), (989, 1685), (1000, 1712), (1031, 1754), (1044, 1772), (1118, 1856), (1130, 1871), (1269, 2060),

Gene: Pytheas_2 Start: 485, Stop: 2284, Start Num: 113
Candidate Starts for Pytheas_2:
(Start: 113 @485 has 24 MA's), (240, 623), (343, 782), (350, 797), (414, 881), (429, 911), (434, 923), (443, 932), (460, 971), (476, 992), (541, 1076), (580, 1148), (596, 1184), (614, 1220), (647, 1310), (663, 1331), (687, 1382), (705, 1415), (868, 1589), (892, 1616), (915, 1658), (930, 1685), (936, 1691), (988, 1757), (992, 1769), (1007, 1796), (1064, 1907), (1086, 1943), (1096, 1955), (1111, 1979), (1128, 2006), (1143, 2030), (1189, 2093), (1217, 2135), (1249, 2192), (1256, 2207), (1265, 2222), (1267, 2225), (1278, 2240), (1300, 2270), (1302, 2273),

Gene: QMacho_4 Start: 1159, Stop: 2787, Start Num: 211
Candidate Starts for QMacho_4:
(Start: 211 @1159 has 88 MA's), (330, 1315), (409, 1423), (453, 1492), (459, 1507), (585, 1657), (586, 1660), (607, 1720), (632, 1768), (642, 1798), (949, 2254), (963, 2269), (1222, 2620), (1249, 2668), (1318, 2776),

Gene: QTRlifeCrisis_11 Start: 7447, Stop: 9135, Start Num: 102
Candidate Starts for QTRlifeCrisis_11:
(Start: 102 @7447 has 391 MA's), (363, 7711), (383, 7747), (476, 7897), (558, 8005), (593, 8095), (603, 8119), (637, 8194), (679, 8263), (720, 8350), (760, 8410), (930, 8635), (939, 8644), (952, 8656), (988, 8698), (995, 8719), (1020, 8746), (1096, 8854), (1182, 8944), (1246, 9049),

Gene: Qobbit_13 Start: 8160, Stop: 9926, Start Num: 123
Candidate Starts for Qobbit_13:

(Start: 103 @8139 has 278 MA's), (Start: 117 @8154 has 12 MA's), (Start: 123 @8160 has 9 MA's), (Start: 231 @8271 has 26 MA's), (288, 8370), (406, 8532), (445, 8604), (476, 8658), (503, 8697), (558, 8769), (593, 8859), (603, 8883), (663, 9000), (673, 9015), (727, 9123), (776, 9198), (798, 9234), (837, 9294), (920, 9414), (936, 9435), (980, 9474), (1007, 9528), (1015, 9531), (1026, 9549), (1061, 9603), (1086, 9633), (1096, 9645), (1182, 9735), (1198, 9753), (1269, 9882), (1290, 9909), (1292, 9912),

Gene: Quaker_3 Start: 1071, Stop: 2531, Start Num: 193
Candidate Starts for Quaker_3:
(Start: 193 @1071 has 146 MA's), (Start: 198 @1077 has 6 MA's), (325, 1239), (330, 1248), (377, 1308), (415, 1377), (431, 1398), (455, 1449), (606, 1653), (623, 1677), (669, 1788), (744, 1866), (753, 1881), (777, 1917), (804, 1959), (832, 1992), (840, 2010), (923, 2130), (925, 2133), (936, 2145), (990, 2220), (1031, 2283), (1044, 2301), (1045, 2304), (1186, 2466), (1199, 2475), (1232, 2523),

Gene: Quasar_4 Start: 1734, Stop: 3413, Start Num: 176
Candidate Starts for Quasar_4:
(Start: 176 @1734 has 83 MA's), (Start: 224 @1785 has 17 MA's), (237, 1806), (295, 1851), (350, 1932), (394, 1998), (406, 2007), (443, 2079), (450, 2094), (468, 2130), (476, 2139), (507, 2190), (572, 2289), (596, 2343), (619, 2379), (687, 2523), (706, 2559), (729, 2598), (747, 2631), (778, 2679), (798, 2712), (814, 2736), (863, 2769), (890, 2802), (913, 2859), (917, 2868), (984, 2952), (1038, 3039), (1112, 3135), (1185, 3207), (1196, 3219), (1265, 3339), (1311, 3399), (1313, 3402),

Gene: Quby_4 Start: 771, Stop: 2333, Start Num: 149
Candidate Starts for Quby_4:
(Start: 149 @771 has 70 MA's), (Start: 155 @777 has 82 MA's), (271, 927), (Start: 324 @993 has 4 MA's), (348, 1023), (374, 1047), (382, 1062), (404, 1104), (488, 1230), (585, 1368), (591, 1389), (599, 1413), (636, 1488), (659, 1536), (700, 1614), (713, 1635), (728, 1659), (733, 1665), (753, 1695), (757, 1701), (782, 1737), (848, 1794), (876, 1827), (953, 1932), (963, 1941), (980, 1965), (990, 1986), (1031, 2052), (1118, 2154), (1224, 2274), (1228, 2280), (1241, 2301), (1252, 2325),

Gene: QueenB2_12 Start: 7454, Stop: 9241, Start Num: 103
Candidate Starts for QueenB2_12:
(Start: 103 @7454 has 278 MA's), (Start: 206 @7562 has 29 MA's), (226, 7583), (288, 7691), (406, 7853), (476, 7976), (558, 8084), (593, 8174), (603, 8198), (663, 8315), (673, 8330), (857, 8630), (992, 8816), (1007, 8843), (1026, 8864), (1096, 8960), (1269, 9197), (1290, 9224), (1292, 9227),

Gene: QueenBeesly_12 Start: 7386, Stop: 9173, Start Num: 103
Candidate Starts for QueenBeesly_12:
(Start: 103 @7386 has 278 MA's), (Start: 206 @7494 has 29 MA's), (226, 7515), (288, 7623), (406, 7785), (473, 7905), (476, 7908), (558, 8016), (593, 8106), (603, 8130), (663, 8247), (673, 8262), (857, 8562), (992, 8748), (1007, 8775), (1026, 8796), (1096, 8892), (1269, 9129), (1290, 9156), (1292, 9159),

Gene: QueenHazel_2 Start: 521, Stop: 2080, Start Num: 138
Candidate Starts for QueenHazel_2:
(Start: 138 @521 has 6 MA's), (Start: 231 @611 has 26 MA's), (327, 698), (364, 755), (399, 818), (467, 935), (475, 944), (519, 1016), (544, 1052), (578, 1118), (593, 1160), (597, 1172), (598, 1175), (619, 1214), (627, 1232), (699, 1379), (747, 1421), (807, 1505), (824, 1526), (894, 1589), (936, 1667), (938, 1670), (951, 1682), (1026, 1817), (1027, 1820), (1072, 1883), (1074, 1886), (1097, 1919), (1190, 2000), (1212, 2033),

Gene: Quenya_4 Start: 931, Stop: 2496, Start Num: 211
Candidate Starts for Quenya_4:

(Start: 211 @931 has 88 MA's), (Start: 297 @1039 has 2 MA's), (330, 1087), (374, 1129), (409, 1195), (414, 1201), (426, 1210), (459, 1279), (480, 1306), (496, 1330), (554, 1378), (585, 1429), (607, 1492), (636, 1552), (642, 1570), (829, 1843), (914, 1981), (1015, 2113), (1035, 2149), (1271, 2443), (1314, 2488),

Gene: Qui_16 Start: 7583, Stop: 9367, Start Num: 217
Candidate Starts for Qui_16:
(Start: 211 @7577 has 88 MA's), (Start: 217 @7583 has 209 MA's), (287, 7682), (387, 7856), (438, 7931), (458, 7979), (504, 8057), (523, 8075), (525, 8078), (561, 8147), (604, 8249), (625, 8294), (628, 8306), (647, 8363), (680, 8435), (728, 8534), (761, 8591), (770, 8606), (804, 8663), (859, 8732), (868, 8744), (912, 8837), (949, 8897), (967, 8915), (970, 8921), (1000, 8984), (1003, 8987), (1030, 9026), (1125, 9158), (1146, 9191), (1182, 9215), (1196, 9227), (1207, 9245), (1244, 9317), (1246, 9320),

Gene: QuickMath_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for QuickMath_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: QuinnAvery_6 Start: 1935, Stop: 3635, Start Num: 197
Candidate Starts for QuinnAvery_6:
(145, 1878), (Start: 180 @1914 has 11 MA's), (Start: 197 @1935 has 23 MA's), (253, 2010), (282, 2058), (Start: 300 @2079 has 12 MA's), (312, 2094), (330, 2127), (374, 2169), (377, 2172), (400, 2217), (409, 2235), (412, 2238), (414, 2241), (491, 2364), (510, 2388), (554, 2418), (607, 2532), (636, 2592), (643, 2613), (678, 2679), (768, 2844), (815, 2910), (829, 2925), (914, 3096), (986, 3195), (1015, 3228), (1035, 3264), (1038, 3267), (1096, 3309), (1126, 3351), (1182, 3399), (1203, 3426), (1205, 3429), (1208, 3435), (1246, 3498), (1292, 3576), (1318, 3624),

Gene: QuinnKiro_11 Start: 7044, Stop: 8741, Start Num: 102
Candidate Starts for QuinnKiro_11:
(Start: 102 @7044 has 391 MA's), (Start: 126 @7068 has 206 MA's), (363, 7314), (465, 7488), (476, 7500), (503, 7539), (518, 7551), (558, 7608), (569, 7632), (593, 7698), (596, 7707), (634, 7788), (646, 7821), (720, 7953), (729, 7965), (763, 8019), (778, 8040), (798, 8073), (855, 8127), (915, 8214), (928, 8238), (930, 8241), (936, 8247), (943, 8256), (988, 8304), (1007, 8343), (1015, 8346), (1026, 8364), (1096, 8460), (1134, 8514), (1253, 8667), (1269, 8697), (1292, 8727), (1294, 8730),

Gene: Quokka_10 Start: 6379, Stop: 8160, Start Num: 103
Candidate Starts for Quokka_10:
(Start: 103 @6379 has 278 MA's), (Start: 239 @6523 has 2 MA's), (262, 6568), (288, 6610), (309, 6634), (350, 6697), (388, 6751), (473, 6892), (476, 6895), (503, 6934), (558, 7003), (593, 7093), (603, 7117), (671, 7246), (673, 7249), (835, 7522), (1007, 7762), (1026, 7783), (1086, 7867), (1096, 7879), (1269, 8116), (1290, 8143), (1292, 8146), (1294, 8149),

Gene: R4_6 Start: 2205, Stop: 3866, Start Num: 75
Candidate Starts for R4_6:
(Start: 75 @2205 has 95 MA's), (320, 2427), (382, 2523), (443, 2616), (450, 2631), (462, 2658), (480, 2679), (543, 2766), (593, 2862), (607, 2895), (634, 2949), (646, 2982), (665, 3006), (701, 3075), (766,

3138), (769, 3144), (786, 3174), (869, 3258), (913, 3321), (915, 3324), (920, 3336), (927, 3345), (933, 3354), (980, 3408), (992, 3435), (1096, 3582), (1112, 3603), (1130, 3627), (1196, 3687), (1251, 3783), (1300, 3861),

Gene: RADical_5 Start: 1114, Stop: 2793, Start Num: 176
Candidate Starts for RADical_5:
(Start: 176 @1114 has 83 MA's), (Start: 224 @1165 has 17 MA's), (237, 1186), (Start: 239 @1189 has 2 MA's), (295, 1231), (350, 1312), (394, 1378), (406, 1387), (443, 1459), (450, 1474), (468, 1510), (476, 1519), (507, 1570), (572, 1669), (596, 1723), (687, 1903), (706, 1939), (729, 1978), (747, 2011), (778, 2059), (798, 2092), (814, 2116), (863, 2149), (890, 2182), (913, 2239), (917, 2248), (984, 2332), (995, 2359), (1038, 2419), (1112, 2515), (1185, 2587), (1196, 2599), (1265, 2719), (1311, 2779), (1313, 2782),

Gene: RAP15_5 Start: 3133, Stop: 4698, Start Num: 155
Candidate Starts for RAP15_5:
(Start: 155 @3133 has 82 MA's), (Start: 324 @3343 has 4 MA's), (374, 3397), (409, 3463), (430, 3487), (573, 3703), (584, 3718), (586, 3724), (607, 3784), (636, 3844), (740, 3943), (759, 3973), (768, 3988), (815, 4069), (880, 4147), (883, 4156), (905, 4192), (923, 4231), (953, 4264), (963, 4273), (977, 4300), (1020, 4354), (1044, 4396), (1111, 4441), (1126, 4462), (1141, 4486), (1222, 4564), (1308, 4684),

Gene: REQ1_66 Start: 29500, Stop: 31053, Start Num: 225
Candidate Starts for REQ1_66:
(Start: 225 @29500 has 1 MA's), (Start: 324 @29638 has 4 MA's), (380, 29734), (488, 29911), (508, 29947), (510, 29950), (588, 30061), (595, 30079), (601, 30094), (621, 30121), (767, 30373), (783, 30394), (962, 30646), (1078, 30820), (1130, 30898), (1147, 30922), (1215, 31000),

Gene: RER2_1 Start: 28, Stop: 1710, Start Num: 104
Candidate Starts for RER2_1:
(Start: 104 @28 has 125 MA's), (Start: 302 @214 has 3 MA's), (350, 286), (363, 298), (379, 322), (383, 334), (476, 487), (489, 502), (536, 562), (593, 670), (621, 727), (718, 925), (729, 943), (763, 997), (892, 1141), (913, 1180), (915, 1183), (936, 1216), (992, 1285), (1096, 1429), (1130, 1474), (1196, 1534), (1251, 1633), (1269, 1666), (1290, 1693), (1292, 1696), (1294, 1699),

Gene: RRH1_02 Start: 655, Stop: 1965, Start Num: 314
Candidate Starts for RRH1_02:
(Start: 202 @541 has 4 MA's), (Start: 314 @655 has 1 MA's), (338, 694), (395, 766), (412, 796), (430, 817), (454, 868), (488, 913), (509, 940), (517, 949), (549, 964), (594, 1063), (625, 1117), (629, 1132), (770, 1324), (895, 1492), (912, 1525), (923, 1540), (984, 1621), (1033, 1696), (1083, 1759), (1114, 1798), (1137, 1834), (1196, 1903),

Gene: RSchmailzl_5 Start: 1254, Stop: 2933, Start Num: 176
Candidate Starts for RSchmailzl_5:
(Start: 176 @1254 has 83 MA's), (Start: 224 @1305 has 17 MA's), (237, 1326), (295, 1371), (325, 1413), (350, 1452), (380, 1491), (394, 1518), (406, 1527), (443, 1599), (450, 1614), (468, 1650), (476, 1659), (507, 1710), (572, 1809), (596, 1863), (619, 1899), (687, 2043), (706, 2079), (729, 2118), (747, 2151), (778, 2199), (798, 2232), (814, 2256), (863, 2289), (890, 2322), (913, 2379), (917, 2388), (984, 2472), (995, 2499), (1038, 2559), (1112, 2655), (1185, 2727), (1196, 2739), (1265, 2859), (1311, 2919), (1313, 2922),

Gene: Rabbitrun_14 Start: 5332, Stop: 6777, Start Num: 234
Candidate Starts for Rabbitrun_14:
(Start: 234 @5332 has 29 MA's), (306, 5437), (312, 5443), (374, 5518), (431, 5611), (480, 5692), (550, 5761), (586, 5821), (596, 5854), (599, 5863), (609, 5884), (631, 5923), (700, 6061), (717, 6088), (765,

6157), (952, 6385), (988, 6439), (1005, 6469), (1033, 6508), (1128, 6616), (1132, 6622), (1183, 6679),

Gene: Rachaly_15 Start: 9139, Stop: 10920, Start Num: 103
Candidate Starts for Rachaly_15:
(39, 9019), (82, 9112), (Start: 103 @9139 has 278 MA's), (Start: 231 @9271 has 26 MA's), (271, 9346), (288, 9370), (325, 9421), (473, 9652), (476, 9655), (503, 9694), (558, 9763), (593, 9853), (603, 9877), (646, 9976), (671, 10006), (673, 10009), (980, 10468), (988, 10483), (992, 10495), (1007, 10522), (1026, 10543), (1096, 10639), (1269, 10876), (1290, 10903), (1292, 10906),

Gene: Radiance_2 Start: 571, Stop: 2208, Start Num: 126
Candidate Starts for Radiance_2:
(Start: 126 @571 has 206 MA's), (133, 580), (Start: 147 @595 has 3 MA's), (Start: 217 @652 has 209 MA's), (Start: 219 @655 has 2 MA's), (271, 718), (310, 757), (372, 844), (419, 904), (433, 916), (442, 928), (445, 937), (447, 940), (454, 961), (467, 982), (519, 1054), (543, 1093), (580, 1162), (584, 1168), (597, 1198), (598, 1201), (603, 1210), (612, 1225), (621, 1243), (638, 1294), (689, 1387), (695, 1396), (845, 1567), (859, 1579), (915, 1663), (934, 1693), (937, 1696), (940, 1699), (988, 1756), (993, 1771), (995, 1777), (996, 1780), (1007, 1795), (1020, 1804), (1062, 1873), (1082, 1903), (1084, 1912), (1112, 1945), (1140, 1978), (1176, 2005), (1202, 2038), (1222, 2068), (1235, 2089), (1246, 2113), (1251, 2122), (1253, 2125), (1284, 2182),

Gene: Raela_35 Start: 10993, Stop: 12735, Start Num: 176
Candidate Starts for Raela_35:
(Start: 176 @10993 has 83 MA's), (292, 11110), (325, 11155), (354, 11221), (358, 11236), (379, 11269), (380, 11272), (388, 11287), (407, 11311), (409, 11314), (426, 11344), (436, 11365), (443, 11383), (447, 11392), (463, 11428), (476, 11443), (507, 11488), (543, 11530), (565, 11569), (572, 11581), (582, 11602), (604, 11653), (621, 11674), (747, 11896), (814, 12001), (821, 12010), (871, 12043), (890, 12064), (892, 12067), (908, 12094), (915, 12124), (920, 12136), (930, 12151), (939, 12160), (943, 12166), (971, 12208), (983, 12217), (990, 12232), (995, 12247), (1038, 12307), (1061, 12346), (1089, 12379), (1112, 12409), (1115, 12412), (1163, 12496), (1196, 12550), (1205, 12565), (1224, 12592), (1251, 12646), (1309, 12718), (1311, 12721),

Gene: Rahalelujah_11 Start: 6185, Stop: 7972, Start Num: 103
Candidate Starts for Rahalelujah_11:
(Start: 103 @6185 has 278 MA's), (Start: 231 @6314 has 26 MA's), (288, 6413), (406, 6575), (422, 6608), (445, 6647), (476, 6701), (503, 6740), (558, 6812), (593, 6902), (603, 6926), (663, 7043), (673, 7058), (727, 7166), (776, 7241), (839, 7340), (869, 7373), (920, 7457), (936, 7478), (980, 7520), (988, 7535), (992, 7547), (1007, 7574), (1026, 7595), (1061, 7649), (1096, 7691), (1182, 7781), (1198, 7799), (1230, 7850), (1269, 7928), (1290, 7955), (1292, 7958),

Gene: Rahul_2 Start: 517, Stop: 1917, Start Num: 244
Candidate Starts for Rahul_2:
(Start: 244 @517 has 5 MA's), (Start: 290 @583 has 2 MA's), (Start: 314 @610 has 1 MA's), (377, 685), (381, 694), (395, 721), (396, 724), (402, 736), (414, 754), (452, 814), (454, 823), (455, 826), (596, 1027), (800, 1321), (866, 1399), (876, 1414), (895, 1438), (898, 1444), (904, 1453), (912, 1471), (983, 1561), (1028, 1627), (1061, 1672), (1096, 1723), (1128, 1768), (1152, 1795), (1199, 1858), (1227, 1900),

Gene: Raid_11 Start: 6738, Stop: 8426, Start Num: 102
Candidate Starts for Raid_11:
(Start: 102 @6738 has 391 MA's), (363, 7002), (379, 7026), (476, 7188), (558, 7296), (593, 7386), (603, 7410), (621, 7437), (637, 7485), (714, 7629), (720, 7641), (760, 7701), (930, 7926), (939, 7935), (952, 7947), (988, 7989), (995, 8010), (1020, 8037), (1096, 8145), (1182, 8235), (1246, 8340),

Gene: Rainydai_7 Start: 3411, Stop: 5153, Start Num: 214
Candidate Starts for Rainydai_7:
(Start: 214 @3411 has 4 MA's), (Start: 217 @3414 has 209 MA's), (222, 3420), (252, 3468), (Start: 255 @3471 has 1 MA's), (280, 3507), (287, 3513), (Start: 366 @3651 has 1 MA's), (387, 3687), (393, 3699), (504, 3882), (525, 3903), (574, 3996), (580, 4005), (596, 4056), (604, 4074), (728, 4359), (804, 4488), (859, 4557), (921, 4647), (940, 4674), (967, 4701), (1000, 4770), (1003, 4773), (1031, 4815), (1038, 4824), (1131, 4953), (1161, 4980), (1182, 5001), (1196, 5013), (1207, 5031), (1244, 5103), (1246, 5106), (1253, 5118),

Gene: Rajelicia_11 Start: 6954, Stop: 8642, Start Num: 102
Candidate Starts for Rajelicia_11:
(Start: 102 @6954 has 391 MA's), (363, 7218), (379, 7242), (476, 7404), (500, 7437), (558, 7512), (593, 7602), (603, 7626), (621, 7653), (637, 7701), (714, 7845), (720, 7857), (760, 7917), (930, 8142), (939, 8151), (952, 8163), (988, 8205), (995, 8226), (1020, 8253), (1096, 8361), (1182, 8451), (1246, 8556),

Gene: Rana_6 Start: 2374, Stop: 4020, Start Num: 75
Candidate Starts for Rana_6:
(Start: 75 @2374 has 95 MA's), (Start: 92 @2392 has 10 MA's), (325, 2596), (350, 2632), (462, 2812), (480, 2833), (515, 2878), (543, 2920), (582, 2992), (593, 3016), (638, 3115), (643, 3130), (663, 3154), (665, 3160), (786, 3328), (915, 3478), (927, 3499), (992, 3589), (1064, 3697), (1096, 3736), (1112, 3757), (1116, 3763), (1130, 3781), (1251, 3937), (1300, 4015),

Gene: RanchParmCat_7 Start: 1862, Stop: 3562, Start Num: 173
Candidate Starts for RanchParmCat_7:
(Start: 173 @1862 has 9 MA's), (Start: 224 @1916 has 17 MA's), (237, 1937), (Start: 255 @1964 has 1 MA's), (333, 2039), (350, 2075), (407, 2153), (450, 2237), (454, 2252), (476, 2282), (507, 2333), (572, 2432), (619, 2522), (654, 2612), (687, 2666), (729, 2741), (814, 2879), (887, 2939), (890, 2945), (917, 3011), (920, 3017), (988, 3101), (995, 3122), (1038, 3182), (1042, 3188), (1064, 3221), (1170, 3326), (1185, 3350), (1249, 3455), (1251, 3458), (1280, 3503), (1311, 3548), (1313, 3551),

Gene: Rasputin_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Rasputin_8:
(Start: 104 @3156 has 125 MA's), (Start: 302 @3342 has 3 MA's), (350, 3414), (363, 3426), (379, 3450), (383, 3462), (476, 3615), (489, 3630), (536, 3690), (593, 3798), (621, 3855), (718, 4053), (729, 4071), (763, 4125), (892, 4269), (915, 4311), (936, 4344), (992, 4413), (1096, 4557), (1130, 4602), (1196, 4662), (1251, 4761), (1269, 4794), (1290, 4821), (1292, 4824), (1294, 4827),

Gene: Rattail_2 Start: 373, Stop: 1995, Start Num: 182
Candidate Starts for Rattail_2:
(Start: 164 @352 has 12 MA's), (Start: 182 @373 has 18 MA's), (374, 604), (381, 616), (400, 652), (409, 670), (414, 676), (455, 748), (587, 916), (607, 967), (625, 991), (636, 1027), (643, 1048), (651, 1063), (682, 1123), (744, 1207), (896, 1423), (905, 1435), (949, 1501), (953, 1507), (980, 1546), (1014, 1585), (1015, 1591), (1030, 1618), (1063, 1663), (1246, 1903), (1259, 1930), (1271, 1951), (1304, 1981), (1306, 1984),

Gene: Raunak_8 Start: 3618, Stop: 5366, Start Num: 217
Candidate Starts for Raunak_8:
(Start: 200 @3600 has 5 MA's), (Start: 217 @3618 has 209 MA's), (280, 3711), (287, 3717), (325, 3774), (353, 3837), (458, 4014), (504, 4092), (525, 4113), (580, 4215), (604, 4284), (611, 4299), (628, 4341), (680, 4470), (713, 4545), (728, 4569), (791, 4674), (804, 4698), (868, 4782), (949, 4896), (967, 4914), (1000, 4983), (1003, 4986), (1038, 5037), (1068, 5079), (1131, 5166), (1161, 5193), (1182, 5214), (1196, 5226), (1207, 5244), (1246, 5319),

Gene: Ravana_14 Start: 6654, Stop: 8351, Start Num: 103
Candidate Starts for Ravana_14:
(Start: 103 @6654 has 278 MA's), (121, 6672), (292, 6834), (445, 7059), (476, 7113), (558, 7221), (571, 7248), (593, 7311), (603, 7335), (928, 7851), (988, 7914), (1015, 7956), (1096, 8070), (1196, 8175), (1269, 8307), (1290, 8334), (1292, 8337), (1294, 8340),

Gene: RavenCo17_2 Start: 498, Stop: 2222, Start Num: 206
Candidate Starts for RavenCo17_2:
(Start: 193 @483 has 146 MA's), (Start: 206 @498 has 29 MA's), (280, 588), (356, 702), (363, 714), (426, 804), (437, 828), (439, 834), (450, 858), (452, 864), (483, 915), (536, 987), (633, 1185), (655, 1227), (664, 1233), (702, 1317), (723, 1344), (784, 1440), (793, 1455), (809, 1482), (926, 1659), (1092, 1932), (1094, 1935), (1098, 1941), (1115, 1962), (1141, 2001), (1177, 2049), (1185, 2058), (1205, 2082), (1226, 2100), (1253, 2157), (1295, 2214),

Gene: RavenPuff_6 Start: 2653, Stop: 4398, Start Num: 217
Candidate Starts for RavenPuff_6:
(Start: 217 @2653 has 209 MA's), (222, 2659), (252, 2707), (280, 2746), (287, 2752), (458, 3049), (504, 3127), (525, 3148), (561, 3217), (604, 3319), (680, 3505), (731, 3610), (804, 3733), (859, 3805), (967, 3946), (1000, 4015), (1003, 4018), (1101, 4156), (1161, 4225), (1182, 4246), (1184, 4249), (1196, 4258), (1207, 4276), (1226, 4306), (1244, 4348), (1246, 4351),

Gene: RayTheFireFly_2 Start: 586, Stop: 2196, Start Num: 175
Candidate Starts for RayTheFireFly_2:
(Start: 175 @586 has 14 MA's), (331, 769), (431, 904), (454, 952), (509, 1024), (607, 1177), (630, 1219), (642, 1249), (679, 1312), (698, 1354), (702, 1363), (736, 1414), (752, 1444), (754, 1447), (766, 1465), (794, 1510), (815, 1543), (835, 1570), (952, 1735), (989, 1786), (1009, 1825), (1030, 1852), (1031, 1855), (1044, 1873), (1118, 1957), (1240, 2131),

Gene: Raymond7_2 Start: 509, Stop: 2044, Start Num: 231
Candidate Starts for Raymond7_2:
(Start: 231 @509 has 26 MA's), (Start: 234 @512 has 29 MA's), (Start: 245 @527 has 1 MA's), (282, 584), (Start: 297 @602 has 2 MA's), (309, 614), (323, 635), (Start: 324 @638 has 4 MA's), (368, 686), (390, 722), (400, 743), (443, 806), (508, 926), (573, 1010), (601, 1076), (636, 1148), (637, 1151), (641, 1163), (713, 1289), (728, 1313), (769, 1376), (830, 1460), (873, 1517), (886, 1532), (930, 1607), (943, 1625), (1047, 1769), (1079, 1790), (1098, 1823), (1109, 1838), (1134, 1874), (1205, 1952), (1207, 1955), (1210, 1961),

Gene: RcigaStruga_5 Start: 3080, Stop: 4645, Start Num: 155
Candidate Starts for RcigaStruga_5:
(Start: 155 @3080 has 82 MA's), (Start: 300 @3254 has 12 MA's), (Start: 324 @3290 has 4 MA's), (374, 3344), (396, 3386), (409, 3410), (489, 3536), (573, 3650), (584, 3665), (586, 3671), (607, 3731), (636, 3791), (719, 3857), (740, 3890), (759, 3920), (768, 3935), (786, 3968), (797, 3983), (815, 4016), (883, 4103), (1030, 4322), (1044, 4343), (1093, 4364), (1141, 4433), (1222, 4511), (1244, 4550), (1264, 4580), (1272, 4592), (1308, 4631), (1315, 4640),

Gene: ReMo_14 Start: 6686, Stop: 8383, Start Num: 103
Candidate Starts for ReMo_14:
(Start: 103 @6686 has 278 MA's), (121, 6704), (292, 6866), (406, 7022), (445, 7091), (476, 7145), (558, 7253), (571, 7280), (593, 7343), (603, 7367), (928, 7883), (988, 7946), (1015, 7988), (1096, 8102), (1196, 8207), (1269, 8339), (1290, 8366), (1292, 8369), (1294, 8372),

Gene: Rearden_7 Start: 2337, Stop: 3869, Start Num: 232

Candidate Starts for Rearden_7:
(159, 2253), (Start: 196 @2295 has 1 MA's), (207, 2304), (Start: 232 @2337 has 12 MA's), (323, 2451), (360, 2514), (380, 2547), (404, 2595), (452, 2670), (476, 2706), (550, 2781), (552, 2784), (573, 2820), (588, 2853), (713, 3102), (767, 3165), (783, 3192), (810, 3237), (900, 3351), (918, 3387), (952, 3417), (962, 3426), (990, 3480), (1000, 3504), (1186, 3738), (1202, 3750),

Gene: Reba_14 Start: 6700, Stop: 8400, Start Num: 104
Candidate Starts for Reba_14:
(Start: 104 @6700 has 125 MA's), (151, 6748), (292, 6883), (476, 7162), (593, 7360), (634, 7450), (671, 7513), (760, 7675), (915, 7873), (928, 7897), (930, 7900), (988, 7963), (992, 7975), (995, 7984), (1007, 8002), (1026, 8023), (1096, 8119), (1134, 8173), (1182, 8209), (1269, 8356), (1292, 8386), (1294, 8389),

Gene: Rebel_2 Start: 509, Stop: 2044, Start Num: 231
Candidate Starts for Rebel_2:
(Start: 231 @509 has 26 MA's), (Start: 234 @512 has 29 MA's), (Start: 245 @527 has 1 MA's), (282, 584), (Start: 297 @602 has 2 MA's), (309, 614), (368, 686), (390, 722), (400, 743), (443, 806), (508, 926), (573, 1010), (601, 1076), (636, 1148), (637, 1151), (641, 1163), (713, 1289), (728, 1313), (769, 1376), (830, 1460), (873, 1517), (886, 1532), (930, 1607), (943, 1625), (1047, 1769), (1079, 1790), (1098, 1823), (1109, 1838), (1134, 1874), (1205, 1952), (1207, 1955), (1210, 1961),

Gene: Rebeuca_12 Start: 6881, Stop: 8557, Start Num: 102
Candidate Starts for Rebeuca_12:
(Start: 102 @6881 has 391 MA's), (Start: 239 @7013 has 2 MA's), (363, 7145), (390, 7190), (450, 7286), (476, 7331), (503, 7370), (543, 7418), (558, 7439), (569, 7463), (593, 7514), (646, 7637), (720, 7769), (769, 7844), (798, 7889), (864, 7955), (915, 8030), (928, 8054), (930, 8057), (988, 8120), (1007, 8159), (1015, 8162), (1026, 8180), (1096, 8276), (1144, 8345), (1269, 8513), (1292, 8543), (1294, 8546),

Gene: Red305_5 Start: 1190, Stop: 2755, Start Num: 149
Candidate Starts for Red305_5:
(Start: 104 @1139 has 125 MA's), (Start: 112 @1148 has 1 MA's), (Start: 149 @1190 has 70 MA's), (Start: 155 @1196 has 82 MA's), (284, 1367), (312, 1397), (374, 1472), (379, 1478), (381, 1484), (476, 1640), (484, 1649), (486, 1652), (488, 1655), (550, 1730), (582, 1784), (584, 1787), (585, 1790), (688, 2021), (737, 2096), (753, 2117), (757, 2123), (808, 2192), (848, 2216), (866, 2234), (876, 2249), (963, 2363), (988, 2402), (990, 2408), (1031, 2474), (1078, 2528), (1111, 2564), (1118, 2576), (1155, 2615), (1228, 2702), (1252, 2747), (1254, 2750),

Gene: RedBaron_6 Start: 1158, Stop: 2837, Start Num: 176
Candidate Starts for RedBaron_6:
(Start: 176 @1158 has 83 MA's), (Start: 224 @1209 has 17 MA's), (237, 1230), (Start: 239 @1233 has 2 MA's), (295, 1275), (350, 1356), (394, 1422), (406, 1431), (443, 1503), (450, 1518), (468, 1554), (476, 1563), (507, 1614), (572, 1713), (596, 1767), (619, 1803), (687, 1947), (706, 1983), (729, 2022), (747, 2055), (778, 2103), (798, 2136), (814, 2160), (863, 2193), (890, 2226), (913, 2283), (917, 2292), (984, 2376), (1038, 2463), (1112, 2559), (1185, 2631), (1196, 2643), (1265, 2763), (1311, 2823), (1313, 2826),

Gene: RedBear_8 Start: 2648, Stop: 4294, Start Num: 75
Candidate Starts for RedBear_8:
(Start: 75 @2648 has 95 MA's), (Start: 92 @2666 has 10 MA's), (325, 2870), (382, 2951), (462, 3086), (480, 3107), (515, 3152), (543, 3194), (582, 3266), (593, 3290), (638, 3389), (673, 3443), (699, 3500), (786, 3602), (841, 3662), (871, 3689), (927, 3773), (936, 3785), (992, 3863), (1017, 3896), (1064, 3971), (1096, 4010), (1112, 4031), (1116, 4037), (1130, 4055), (1217, 4151), (1251, 4211),

Gene: RedBird_2 Start: 571, Stop: 2208, Start Num: 126
Candidate Starts for RedBird_2:
(Start: 126 @571 has 206 MA's), (133, 580), (Start: 147 @595 has 3 MA's), (Start: 217 @652 has 209 MA's), (Start: 219 @655 has 2 MA's), (271, 718), (310, 757), (372, 844), (419, 904), (433, 916), (442, 928), (445, 937), (447, 940), (454, 961), (467, 982), (519, 1054), (543, 1093), (580, 1162), (584, 1168), (597, 1198), (598, 1201), (603, 1210), (612, 1225), (621, 1243), (638, 1294), (689, 1387), (695, 1396), (845, 1567), (859, 1579), (915, 1663), (934, 1693), (937, 1696), (940, 1699), (988, 1756), (993, 1771), (995, 1777), (996, 1780), (1007, 1795), (1020, 1804), (1062, 1873), (1082, 1903), (1084, 1912), (1112, 1945), (1140, 1978), (1176, 2005), (1202, 2038), (1222, 2068), (1235, 2089), (1246, 2113), (1251, 2122), (1253, 2125), (1284, 2182),

Gene: RedFox_2 Start: 370, Stop: 1992, Start Num: 182
Candidate Starts for RedFox_2:
(Start: 164 @349 has 12 MA's), (Start: 182 @370 has 18 MA's), (374, 601), (377, 604), (381, 613), (400, 649), (409, 667), (455, 745), (554, 850), (607, 964), (625, 988), (636, 1024), (643, 1045), (651, 1060), (682, 1120), (744, 1204), (896, 1420), (905, 1432), (916, 1459), (949, 1498), (953, 1504), (980, 1543), (1000, 1570), (1014, 1582), (1030, 1615), (1038, 1627), (1063, 1660), (1203, 1831), (1246, 1900), (1249, 1906), (1259, 1927), (1271, 1948), (1304, 1978), (1306, 1981), (1308, 1984),

Gene: RedRaider_31 Start: 15061, Stop: 16740, Start Num: 126
Candidate Starts for RedRaider_31:
(Start: 126 @15061 has 206 MA's), (270, 15211), (319, 15268), (337, 15295), (346, 15307), (365, 15346), (384, 15379), (433, 15436), (597, 15721), (612, 15748), (695, 15916), (699, 15928), (716, 15961), (798, 16039), (888, 16141), (959, 16255), (988, 16312), (996, 16336), (1007, 16351), (1038, 16393), (1061, 16426), (1084, 16459), (1121, 16507), (1166, 16534), (1219, 16603), (1222, 16606), (1261, 16675),

Gene: RedRaider77_35 Start: 10894, Stop: 12636, Start Num: 176
Candidate Starts for RedRaider77_35:
(Start: 176 @10894 has 83 MA's), (292, 11011), (325, 11056), (354, 11122), (358, 11137), (379, 11170), (380, 11173), (388, 11188), (407, 11212), (409, 11215), (426, 11245), (436, 11266), (443, 11284), (447, 11293), (463, 11329), (476, 11344), (507, 11389), (543, 11431), (565, 11470), (572, 11482), (582, 11503), (604, 11554), (621, 11575), (747, 11797), (814, 11902), (821, 11911), (871, 11944), (890, 11965), (892, 11968), (908, 11995), (915, 12025), (920, 12037), (930, 12052), (939, 12061), (943, 12067), (971, 12109), (983, 12118), (990, 12133), (995, 12148), (1038, 12208), (1061, 12247), (1089, 12280), (1112, 12310), (1115, 12313), (1163, 12397), (1196, 12451), (1205, 12466), (1224, 12493), (1251, 12547), (1309, 12619), (1311, 12622),

Gene: RedRock_15 Start: 9396, Stop: 11156, Start Num: 103
Candidate Starts for RedRock_15:
(49, 9312), (Start: 103 @9396 has 278 MA's), (Start: 206 @9504 has 29 MA's), (226, 9525), (271, 9609), (288, 9633), (309, 9657), (350, 9720), (388, 9774), (445, 9864), (476, 9918), (558, 10026), (593, 10116), (603, 10140), (673, 10272), (751, 10416), (766, 10440), (857, 10548), (915, 10632), (980, 10704), (988, 10719), (1007, 10758), (1015, 10761), (1026, 10779), (1096, 10875), (1144, 10944), (1269, 11112), (1290, 11139), (1292, 11142), (1294, 11145), (1296, 11148),

Gene: Redi_2 Start: 512, Stop: 2044, Start Num: 234
Candidate Starts for Redi_2:
(Start: 231 @509 has 26 MA's), (Start: 234 @512 has 29 MA's), (Start: 245 @527 has 1 MA's), (282, 584), (Start: 297 @602 has 2 MA's), (309, 614), (368, 686), (390, 722), (400, 743), (443, 806), (508, 926), (573, 1010), (601, 1076), (636, 1148), (637, 1151), (641, 1163), (713, 1289), (728, 1313), (769, 1376), (830, 1460), (873, 1517), (886, 1532), (930, 1607), (943, 1625), (1047, 1769), (1079, 1790),

(1098, 1823), (1109, 1838), (1134, 1874), (1205, 1952), (1207, 1955), (1210, 1961),

Gene: Reedo_2 Start: 544, Stop: 2244, Start Num: 103
Candidate Starts for Reedo_2:
(Start: 103 @544 has 278 MA's), (203, 607), (444, 913), (476, 970), (512, 1018), (572, 1108), (596, 1162), (619, 1207), (646, 1282), (828, 1534), (873, 1591), (915, 1654), (1003, 1786), (1064, 1873), (1096, 1909), (1106, 1924), (1119, 1942), (1251, 2155), (1256, 2167),

Gene: Refuge_15 Start: 9750, Stop: 11534, Start Num: 103
Candidate Starts for Refuge_15:
(Start: 103 @9750 has 278 MA's), (Start: 224 @9870 has 17 MA's), (Start: 231 @9882 has 26 MA's), (266, 9948), (288, 9981), (350, 10068), (445, 10212), (476, 10266), (503, 10305), (558, 10377), (593, 10467), (603, 10491), (646, 10590), (663, 10608), (673, 10623), (751, 10767), (821, 10875), (915, 11010), (980, 11082), (988, 11097), (1026, 11157), (1096, 11253), (1182, 11343), (1253, 11460), (1267, 11487), (1269, 11490), (1290, 11517), (1292, 11520), (1294, 11523),

Gene: Regigigas_7 Start: 3411, Stop: 5153, Start Num: 214
Candidate Starts for Regigigas_7:
(Start: 214 @3411 has 4 MA's), (Start: 217 @3414 has 209 MA's), (222, 3420), (252, 3468), (Start: 255 @3471 has 1 MA's), (280, 3507), (287, 3513), (Start: 366 @3651 has 1 MA's), (387, 3687), (393, 3699), (504, 3882), (525, 3903), (574, 3996), (580, 4005), (596, 4056), (604, 4074), (728, 4359), (804, 4488), (859, 4557), (921, 4647), (940, 4674), (967, 4701), (1000, 4770), (1003, 4773), (1031, 4815), (1038, 4824), (1131, 4953), (1161, 4980), (1182, 5001), (1196, 5013), (1207, 5031), (1244, 5103), (1246, 5106), (1253, 5118),

Gene: RegnumDei_6 Start: 3693, Stop: 5237, Start Num: 221
Candidate Starts for RegnumDei_6:
(Start: 221 @3693 has 5 MA's), (380, 3930), (381, 3933), (396, 3963), (457, 4068), (586, 4224), (588, 4236), (591, 4242), (601, 4269), (605, 4278), (627, 4320), (767, 4557), (866, 4692), (900, 4737), (918, 4773), (989, 4878), (1003, 4908), (1017, 4932), (1069, 5010), (1118, 5076), (1158, 5127), (1224, 5196),

Gene: Reindeer_12 Start: 4590, Stop: 6134, Start Num: 181
Candidate Starts for Reindeer_12:
(Start: 181 @4590 has 21 MA's), (223, 4638), (454, 4977), (595, 5169), (605, 5193), (700, 5379), (733, 5430), (753, 5460), (757, 5466), (782, 5502), (873, 5565), (893, 5589), (902, 5604), (939, 5664), (953, 5676), (972, 5706), (988, 5736), (1003, 5769), (1028, 5802), (1045, 5829), (1090, 5877), (1118, 5910), (1228, 6063), (1241, 6084),

Gene: Relief_11 Start: 6885, Stop: 8582, Start Num: 102
Candidate Starts for Relief_11:
(Start: 102 @6885 has 391 MA's), (Start: 126 @6909 has 206 MA's), (Start: 239 @7032 has 2 MA's), (339, 7122), (363, 7155), (426, 7254), (473, 7338), (476, 7341), (503, 7380), (558, 7449), (569, 7473), (593, 7539), (634, 7629), (720, 7794), (778, 7881), (798, 7914), (864, 7980), (913, 8052), (915, 8055), (928, 8079), (980, 8130), (988, 8145), (1007, 8184), (1026, 8205), (1096, 8301), (1269, 8538), (1292, 8568), (1294, 8571),

Gene: Rem711_3 Start: 871, Stop: 2538, Start Num: 95
Candidate Starts for Rem711_3:
(47, 787), (57, 814), (73, 844), (87, 859), (Start: 95 @871 has 1 MA's), (313, 1078), (409, 1231), (414, 1237), (566, 1453), (573, 1465), (642, 1624), (647, 1636), (668, 1669), (679, 1687), (699, 1738), (720, 1774), (736, 1795), (747, 1816), (778, 1861), (815, 1924), (837, 1951), (956, 2113), (965, 2122), (1000, 2185), (1017, 2200), (1044, 2245), (1062, 2269), (1139, 2359), (1148, 2371), (1204, 2440),

Gene: Remlit_9 Start: 3513, Stop: 5246, Start Num: 217
Candidate Starts for Remlit_9:
(Start: 217 @3513 has 209 MA's), (287, 3612), (438, 3849), (458, 3897), (504, 3975), (523, 3993), (525, 3996), (561, 4065), (604, 4167), (616, 4191), (636, 4248), (680, 4353), (728, 4452), (744, 4482), (770, 4524), (804, 4581), (859, 4650), (868, 4662), (949, 4776), (967, 4794), (1000, 4863), (1003, 4866), (1146, 5070), (1161, 5073), (1182, 5094), (1196, 5106), (1203, 5118), (1224, 5151), (1244, 5196), (1246, 5199),

Gene: Remus_14 Start: 6647, Stop: 8344, Start Num: 103
Candidate Starts for Remus_14:
(Start: 103 @6647 has 278 MA's), (121, 6665), (292, 6827), (445, 7052), (476, 7106), (558, 7214), (571, 7241), (593, 7304), (603, 7328), (928, 7844), (988, 7907), (1015, 7949), (1096, 8063), (1196, 8168), (1269, 8300), (1290, 8327), (1292, 8330), (1294, 8333),

Gene: RemusLoopin_2 Start: 597, Stop: 2147, Start Num: 304
Candidate Starts for RemusLoopin_2:
(Start: 304 @597 has 4 MA's), (349, 669), (445, 816), (450, 825), (479, 873), (510, 918), (535, 954), (548, 978), (564, 1008), (570, 1017), (591, 1062), (603, 1092), (620, 1113), (632, 1146), (655, 1191), (667, 1203), (697, 1266), (718, 1296), (764, 1356), (826, 1455), (903, 1551), (905, 1554), (944, 1623), (972, 1674), (973, 1680), (978, 1689), (995, 1731), (1062, 1833), (1064, 1836), (1076, 1854), (1101, 1881), (1134, 1929), (1203, 2010), (1219, 2034), (1226, 2037), (1263, 2112), (1281, 2133),

Gene: Renaldo_9 Start: 3540, Stop: 5273, Start Num: 217
Candidate Starts for Renaldo_9:
(Start: 217 @3540 has 209 MA's), (Start: 244 @3579 has 5 MA's), (259, 3615), (287, 3639), (438, 3876), (446, 3894), (458, 3924), (504, 4002), (525, 4023), (561, 4092), (604, 4194), (616, 4218), (636, 4275), (647, 4308), (680, 4380), (728, 4479), (744, 4509), (770, 4551), (804, 4608), (868, 4689), (967, 4821), (1000, 4890), (1003, 4893), (1068, 4986), (1146, 5097), (1182, 5121), (1196, 5133), (1203, 5145), (1244, 5223), (1246, 5226),

Gene: Renaud18_2 Start: 458, Stop: 2236, Start Num: 113
Candidate Starts for Renaud18_2:
(Start: 113 @458 has 24 MA's), (170, 509), (Start: 186 @530 has 2 MA's), (218, 560), (Start: 224 @566 has 17 MA's), (233, 581), (271, 632), (320, 695), (Start: 324 @707 has 4 MA's), (350, 743), (383, 791), (392, 806), (406, 818), (409, 824), (442, 881), (443, 884), (445, 890), (452, 905), (460, 923), (462, 926), (476, 944), (572, 1085), (580, 1103), (593, 1130), (603, 1154), (619, 1187), (647, 1265), (699, 1355), (704, 1364), (711, 1379), (763, 1421), (766, 1424), (791, 1466), (798, 1475), (814, 1499), (868, 1541), (870, 1544), (892, 1568), (913, 1607), (915, 1610), (923, 1625), (936, 1643), (939, 1646), (996, 1727), (1007, 1742), (1009, 1745), (1013, 1757), (1029, 1796), (1061, 1847), (1064, 1853), (1086, 1889), (1096, 1901), (1111, 1925), (1128, 1952), (1133, 1961), (1134, 1964), (1184, 2036), (1217, 2084), (1224, 2090), (1242, 2123), (1243, 2129), (1246, 2135), (1249, 2141), (1251, 2144), (1256, 2156), (1267, 2174), (1281, 2195), (1293, 2213), (1302, 2225),

Gene: Renna12_3 Start: 538, Stop: 2160, Start Num: 182
Candidate Starts for Renna12_3:
(Start: 164 @517 has 12 MA's), (Start: 182 @538 has 18 MA's), (Start: 300 @679 has 12 MA's), (377, 772), (381, 781), (400, 817), (409, 835), (455, 913), (554, 1018), (607, 1132), (636, 1192), (643, 1213), (651, 1228), (698, 1309), (744, 1372), (896, 1588), (905, 1600), (916, 1627), (949, 1666), (953, 1672), (980, 1711), (1014, 1750), (1030, 1783), (1063, 1828), (1203, 1999), (1246, 2068), (1249, 2074), (1259, 2095), (1304, 2146), (1306, 2149),

Gene: ResDef_12 Start: 7044, Stop: 8741, Start Num: 102

Candidate Starts for ResDef_12:
(Start: 102 @7044 has 391 MA's), (Start: 126 @7068 has 206 MA's), (363, 7314), (465, 7488), (476, 7500), (503, 7539), (518, 7551), (558, 7608), (569, 7632), (593, 7698), (596, 7707), (634, 7788), (646, 7821), (720, 7953), (729, 7965), (763, 8019), (778, 8040), (798, 8073), (855, 8127), (915, 8214), (928, 8238), (930, 8241), (936, 8247), (943, 8256), (988, 8304), (1007, 8343), (1015, 8346), (1026, 8364), (1096, 8460), (1134, 8514), (1253, 8667), (1269, 8697), (1292, 8727), (1294, 8730),

Gene: Retro23_12 Start: 7537, Stop: 9324, Start Num: 103
Candidate Starts for Retro23_12:
(Start: 103 @7537 has 278 MA's), (Start: 206 @7645 has 29 MA's), (226, 7666), (288, 7774), (406, 7936), (473, 8056), (476, 8059), (558, 8167), (593, 8257), (603, 8281), (663, 8398), (673, 8413), (857, 8713), (992, 8899), (1007, 8926), (1026, 8947), (1096, 9043), (1269, 9280), (1290, 9307), (1292, 9310),

Gene: RexFury_8 Start: 3187, Stop: 4869, Start Num: 104
Candidate Starts for RexFury_8:
(Start: 104 @3187 has 125 MA's), (Start: 302 @3373 has 3 MA's), (350, 3445), (363, 3457), (379, 3481), (383, 3493), (476, 3646), (489, 3661), (536, 3721), (593, 3829), (621, 3886), (718, 4084), (729, 4102), (763, 4156), (892, 4300), (915, 4342), (936, 4375), (992, 4444), (1096, 4588), (1130, 4633), (1196, 4693), (1251, 4792), (1269, 4825), (1290, 4852), (1292, 4855), (1294, 4858),

Gene: Rey_18 Start: 5535, Stop: 7073, Start Num: 184
Candidate Starts for Rey_18:
(Start: 181 @5532 has 21 MA's), (Start: 184 @5535 has 3 MA's), (323, 5718), (332, 5736), (371, 5769), (377, 5778), (409, 5841), (454, 5916), (595, 6108), (638, 6201), (646, 6222), (733, 6369), (775, 6429), (939, 6603), (990, 6681), (1003, 6708), (1028, 6741), (1045, 6768), (1228, 7002), (1241, 7023),

Gene: Reyja_3 Start: 640, Stop: 2217, Start Num: 194
Candidate Starts for Reyja_3:
(114, 547), (Start: 194 @640 has 13 MA's), (338, 823), (379, 862), (381, 868), (396, 898), (459, 1006), (510, 1075), (554, 1105), (587, 1168), (623, 1240), (633, 1270), (635, 1276), (636, 1279), (797, 1525), (815, 1546), (829, 1561), (832, 1564), (836, 1576), (881, 1636), (908, 1681), (914, 1699), (918, 1708), (943, 1738), (1020, 1831), (1030, 1852), (1035, 1861), (1088, 1921), (1189, 2041), (1249, 2134), (1259, 2152), (1306, 2206),

Gene: Rhodalysa_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Rhodalysa_8:
(Start: 104 @3156 has 125 MA's), (Start: 302 @3342 has 3 MA's), (350, 3414), (363, 3426), (379, 3450), (383, 3462), (476, 3615), (489, 3630), (536, 3690), (593, 3798), (621, 3855), (718, 4053), (729, 4071), (763, 4125), (892, 4269), (913, 4308), (915, 4311), (936, 4344), (992, 4413), (1096, 4557), (1130, 4602), (1196, 4662), (1251, 4761), (1269, 4794), (1290, 4821), (1292, 4824), (1294, 4827),

Gene: Rhogar_3 Start: 1086, Stop: 2546, Start Num: 193
Candidate Starts for Rhogar_3:
(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (744, 1881), (753, 1896), (777, 1932), (804, 1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: RhynO_12 Start: 6844, Stop: 8535, Start Num: 102
Candidate Starts for RhynO_12:
(Start: 102 @6844 has 391 MA's), (Start: 126 @6868 has 206 MA's), (Start: 239 @6991 has 2 MA's), (316, 7057), (350, 7111), (363, 7123), (390, 7168), (426, 7222), (443, 7249), (450, 7264), (476, 7309),

(503, 7348), (543, 7396), (558, 7417), (569, 7441), (593, 7492), (646, 7615), (732, 7762), (769, 7822), (798, 7867), (864, 7933), (915, 8008), (928, 8032), (988, 8098), (1026, 8158), (1096, 8254), (1134, 8308), (1269, 8491), (1292, 8521), (1294, 8524),

Gene: Rhynn_11 Start: 7048, Stop: 8736, Start Num: 102
Candidate Starts for Rhynn_11:
(Start: 102 @7048 has 391 MA's), (363, 7312), (379, 7336), (476, 7498), (500, 7531), (558, 7606), (584, 7660), (593, 7696), (603, 7720), (621, 7747), (637, 7795), (679, 7864), (720, 7951), (760, 8011), (939, 8245), (952, 8257), (988, 8299), (995, 8320), (1020, 8347), (1096, 8455), (1182, 8545), (1246, 8650),

Gene: Rhysand_3 Start: 1086, Stop: 2546, Start Num: 193
Candidate Starts for Rhysand_3:
(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (744, 1881), (753, 1896), (777, 1932), (804, 1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: Rickmore_16 Start: 9071, Stop: 10816, Start Num: 217
Candidate Starts for Rickmore_16:
(Start: 217 @9071 has 209 MA's), (222, 9077), (280, 9164), (287, 9170), (315, 9206), (343, 9260), (345, 9266), (446, 9437), (466, 9479), (469, 9482), (504, 9545), (525, 9566), (561, 9635), (604, 9737), (628, 9794), (647, 9851), (653, 9863), (680, 9923), (728, 10022), (731, 10028), (765, 10085), (804, 10151), (940, 10337), (949, 10346), (991, 10412), (1000, 10433), (1003, 10436), (1131, 10616), (1179, 10661), (1182, 10664), (1196, 10676), (1244, 10766), (1246, 10769),

Gene: RidgeCB_11 Start: 6575, Stop: 8263, Start Num: 102
Candidate Starts for RidgeCB_11:
(Start: 102 @6575 has 391 MA's), (Start: 302 @6755 has 3 MA's), (363, 6839), (383, 6875), (406, 6902), (476, 7025), (558, 7133), (593, 7223), (603, 7247), (621, 7274), (637, 7322), (720, 7478), (760, 7538), (939, 7772), (952, 7784), (988, 7826), (995, 7847), (1020, 7874), (1096, 7982), (1182, 8072), (1246, 8177),

Gene: Rifter_15 Start: 7506, Stop: 9260, Start Num: 103
Candidate Starts for Rifter_15:
(Start: 103 @7506 has 278 MA's), (Start: 231 @7638 has 26 MA's), (288, 7737), (309, 7761), (325, 7788), (350, 7824), (406, 7899), (476, 8022), (489, 8037), (503, 8061), (558, 8130), (569, 8154), (571, 8157), (593, 8220), (603, 8244), (671, 8373), (673, 8376), (729, 8487), (855, 8649), (915, 8736), (920, 8748), (928, 8760), (980, 8808), (988, 8823), (1026, 8883), (1086, 8967), (1096, 8979), (1269, 9216), (1290, 9243), (1292, 9246),

Gene: Rima_8 Start: 3146, Stop: 4891, Start Num: 217
Candidate Starts for Rima_8:
(Start: 217 @3146 has 209 MA's), (252, 3200), (Start: 255 @3203 has 1 MA's), (280, 3239), (287, 3245), (430, 3479), (485, 3578), (504, 3620), (525, 3641), (547, 3683), (556, 3695), (596, 3794), (604, 3812), (621, 3848), (713, 4073), (728, 4097), (731, 4103), (804, 4226), (859, 4295), (940, 4412), (944, 4418), (967, 4439), (1000, 4508), (1003, 4511), (1038, 4562), (1101, 4649), (1146, 4715), (1182, 4739), (1196, 4751), (1207, 4769), (1244, 4841), (1246, 4844),

Gene: Ringer_11 Start: 7246, Stop: 8934, Start Num: 102
Candidate Starts for Ringer_11:
(Start: 102 @7246 has 391 MA's), (Start: 302 @7426 has 3 MA's), (363, 7510), (383, 7546), (406, 7573), (476, 7696), (558, 7804), (593, 7894), (603, 7918), (621, 7945), (637, 7993), (720, 8149), (760,

8209), (930, 8434), (939, 8443), (952, 8455), (988, 8497), (995, 8518), (1020, 8545), (1096, 8653), (1182, 8743), (1246, 8848),

Gene: Riovina_2 Start: 429, Stop: 1994, Start Num: 155
Candidate Starts for Riovina_2:
(Start: 155 @429 has 82 MA's), (Start: 297 @600 has 2 MA's), (374, 693), (409, 759), (430, 783), (455, 837), (554, 966), (607, 1080), (636, 1140), (647, 1170), (759, 1269), (768, 1284), (815, 1365), (883, 1452), (923, 1527), (925, 1530), (953, 1560), (1015, 1644), (1044, 1692), (1096, 1716), (1182, 1806), (1222, 1860), (1272, 1941), (1308, 1980),

Gene: Rira_3 Start: 1113, Stop: 2573, Start Num: 193
Candidate Starts for Rira_3:
(Start: 193 @1113 has 146 MA's), (Start: 198 @1119 has 6 MA's), (325, 1281), (330, 1290), (377, 1350), (415, 1419), (431, 1440), (455, 1491), (606, 1695), (669, 1830), (744, 1908), (753, 1923), (765, 1941), (777, 1959), (804, 2001), (832, 2034), (840, 2052), (923, 2172), (925, 2175), (936, 2187), (943, 2199), (953, 2211), (990, 2262), (1028, 2319), (1031, 2325), (1038, 2334), (1044, 2343), (1045, 2346), (1186, 2508), (1199, 2517), (1205, 2526), (1232, 2565),

Gene: Rita_2 Start: 588, Stop: 2225, Start Num: 126
Candidate Starts for Rita_2:
(Start: 126 @588 has 206 MA's), (Start: 139 @603 has 1 MA's), (Start: 147 @612 has 3 MA's), (153, 618), (Start: 184 @645 has 3 MA's), (Start: 217 @669 has 209 MA's), (Start: 219 @672 has 2 MA's), (271, 735), (291, 753), (310, 774), (372, 861), (375, 867), (419, 921), (433, 933), (442, 945), (445, 954), (447, 957), (454, 978), (467, 999), (482, 1014), (519, 1071), (543, 1110), (580, 1179), (584, 1185), (597, 1215), (598, 1218), (603, 1227), (612, 1242), (621, 1260), (638, 1311), (695, 1413), (845, 1584), (859, 1596), (872, 1614), (915, 1680), (934, 1710), (937, 1713), (940, 1716), (988, 1773), (993, 1788), (995, 1794), (996, 1797), (1007, 1812), (1020, 1821), (1062, 1890), (1082, 1920), (1084, 1929), (1112, 1962), (1140, 1995), (1176, 2022), (1202, 2055), (1219, 2082), (1222, 2085), (1235, 2106), (1246, 2130), (1251, 2139), (1253, 2142), (1284, 2199),

Gene: RitaG_2 Start: 571, Stop: 2208, Start Num: 126
Candidate Starts for RitaG_2:
(Start: 126 @571 has 206 MA's), (133, 580), (Start: 147 @595 has 3 MA's), (Start: 217 @652 has 209 MA's), (Start: 219 @655 has 2 MA's), (271, 718), (310, 757), (372, 844), (419, 904), (433, 916), (442, 928), (445, 937), (447, 940), (454, 961), (467, 982), (519, 1054), (543, 1093), (580, 1162), (584, 1168), (597, 1198), (598, 1201), (603, 1210), (612, 1225), (621, 1243), (638, 1294), (689, 1387), (695, 1396), (845, 1567), (859, 1579), (915, 1663), (934, 1693), (937, 1696), (940, 1699), (988, 1756), (993, 1771), (995, 1777), (996, 1780), (1007, 1795), (1020, 1804), (1062, 1873), (1082, 1903), (1084, 1912), (1112, 1945), (1140, 1978), (1176, 2005), (1202, 2038), (1222, 2068), (1235, 2089), (1246, 2113), (1251, 2122), (1253, 2125), (1284, 2182),

Gene: RiverMonster_8 Start: 2274, Stop: 3944, Start Num: 301
Candidate Starts for RiverMonster_8:
(Start: 301 @2274 has 48 MA's), (344, 2337), (479, 2571), (548, 2673), (632, 2853), (641, 2877), (650, 2895), (663, 2907), (694, 2970), (698, 2982), (725, 3027), (734, 3042), (784, 3120), (811, 3165), (845, 3219), (851, 3225), (917, 3339), (994, 3483), (1019, 3519), (1118, 3672), (1129, 3684), (1175, 3741), (1205, 3777), (1235, 3828), (1251, 3864), (1253, 3867), (1294, 3933),

Gene: Riverdale_5 Start: 3064, Stop: 4629, Start Num: 155
Candidate Starts for Riverdale_5:
(Start: 155 @3064 has 82 MA's), (Start: 324 @3274 has 4 MA's), (374, 3328), (409, 3394), (430, 3418), (573, 3634), (584, 3649), (586, 3655), (607, 3715), (740, 3874), (759, 3904), (768, 3919), (815, 4000), (880, 4078), (883, 4087), (905, 4123), (923, 4162), (953, 4195), (963, 4204), (977, 4231), (1020, 4285),

(1044, 4327), (1111, 4372), (1126, 4393), (1141, 4417), (1222, 4495), (1308, 4615),

Gene: Rizz_4 Start: 820, Stop: 2379, Start Num: 134
Candidate Starts for Rizz_4:
(86, 760), (Start: 134 @820 has 105 MA's), (251, 928), (313, 1006), (332, 1039), (396, 1120), (397, 1123), (402, 1132), (431, 1168), (461, 1228), (550, 1318), (552, 1321), (596, 1414), (599, 1423), (607, 1438), (647, 1522), (679, 1573), (736, 1639), (760, 1681), (806, 1750), (810, 1756), (837, 1795), (855, 1816), (873, 1840), (876, 1846), (895, 1867), (918, 1912), (950, 1948), (952, 1951), (986, 1993), (1078, 2122), (1120, 2173), (1214, 2302), (1266, 2362),

Gene: Roary_9 Start: 5668, Stop: 7422, Start Num: 63
Candidate Starts for Roary_9:
(Start: 63 @5668 has 32 MA's), (94, 5710), (125, 5749), (Start: 231 @5857 has 26 MA's), (406, 6064), (536, 6265), (593, 6373), (646, 6502), (743, 6667), (763, 6700), (866, 6820), (915, 6895), (995, 7006), (1007, 7024), (1026, 7045), (1061, 7099), (1096, 7141), (1144, 7210), (1196, 7246), (1251, 7345), (1269, 7378), (1294, 7411), (1299, 7417),

Gene: Roberts_4 Start: 1251, Stop: 2789, Start Num: 215
Candidate Starts for Roberts_4:
(Start: 215 @1251 has 6 MA's), (249, 1296), (381, 1455), (417, 1518), (467, 1605), (599, 1845), (605, 1857), (631, 1914), (710, 2073), (767, 2160), (871, 2292), (991, 2460), (1104, 2592),

Gene: RockScotty_2 Start: 594, Stop: 2282, Start Num: 122
Candidate Starts for RockScotty_2:
(Start: 122 @594 has 16 MA's), (434, 939), (450, 963), (476, 1008), (541, 1095), (572, 1149), (591, 1188), (646, 1323), (705, 1425), (887, 1647), (915, 1698), (1064, 1917), (1096, 1953), (1106, 1968), (1251, 2193), (1256, 2205), (1265, 2220), (1300, 2271),

Gene: RockieBear_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for RockieBear_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Rockne_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Rockne_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1132, 1982), (1140, 1994), (1176, 2021), (1202, 2054), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Rocksand_11 Start: 6883, Stop: 8580, Start Num: 102
Candidate Starts for Rocksand_11:
(Start: 102 @6883 has 391 MA's), (Start: 126 @6907 has 206 MA's), (Start: 239 @7030 has 2 MA's), (339, 7120), (363, 7153), (426, 7252), (473, 7336), (476, 7339), (503, 7378), (558, 7447), (569, 7471), (593, 7537), (634, 7627), (720, 7792), (778, 7879), (798, 7912), (864, 7978), (913, 8050), (915, 8053),

(928, 8077), (980, 8128), (988, 8143), (1007, 8182), (1026, 8203), (1096, 8299), (1269, 8536), (1292, 8566), (1294, 8569),

Gene: Rockstar_11 Start: 6367, Stop: 8064, Start Num: 102
Candidate Starts for Rockstar_11:
(Start: 102 @6367 has 391 MA's), (174, 6439), (363, 6637), (406, 6700), (465, 6811), (476, 6823), (518, 6874), (558, 6931), (569, 6955), (593, 7021), (596, 7030), (634, 7111), (643, 7138), (720, 7276), (763, 7342), (778, 7363), (798, 7396), (864, 7462), (915, 7537), (928, 7561), (930, 7564), (936, 7570), (943, 7579), (988, 7627), (1007, 7666), (1026, 7687), (1096, 7783), (1134, 7837), (1253, 7990), (1269, 8020), (1292, 8050), (1294, 8053),

Gene: Rohr_12 Start: 7254, Stop: 8942, Start Num: 102
Candidate Starts for Rohr_12:
(Start: 102 @7254 has 391 MA's), (Start: 302 @7434 has 3 MA's), (363, 7518), (383, 7554), (406, 7581), (476, 7704), (500, 7737), (558, 7812), (593, 7902), (603, 7926), (621, 7953), (637, 8001), (720, 8157), (760, 8217), (930, 8442), (939, 8451), (952, 8463), (988, 8505), (995, 8526), (1020, 8553), (1096, 8661), (1182, 8751), (1246, 8856),

Gene: Roimos_11 Start: 6465, Stop: 8162, Start Num: 102
Candidate Starts for Roimos_11:
(Start: 102 @6465 has 391 MA's), (174, 6537), (363, 6735), (465, 6909), (476, 6921), (503, 6960), (518, 6972), (558, 7029), (569, 7053), (593, 7119), (596, 7128), (634, 7209), (720, 7374), (763, 7440), (778, 7461), (798, 7494), (864, 7560), (915, 7635), (928, 7659), (930, 7662), (936, 7668), (943, 7677), (988, 7725), (1026, 7785), (1096, 7881), (1130, 7926), (1134, 7935), (1253, 8088), (1269, 8118), (1292, 8148), (1294, 8151),

Gene: Roksolana_15 Start: 7533, Stop: 9287, Start Num: 103
Candidate Starts for Roksolana_15:
(Start: 103 @7533 has 278 MA's), (Start: 231 @7665 has 26 MA's), (288, 7764), (309, 7788), (325, 7815), (350, 7851), (406, 7926), (476, 8049), (489, 8064), (503, 8088), (558, 8157), (569, 8181), (571, 8184), (593, 8247), (603, 8271), (671, 8400), (673, 8403), (729, 8514), (855, 8676), (915, 8763), (920, 8775), (928, 8787), (980, 8835), (988, 8850), (1007, 8889), (1026, 8910), (1086, 8994), (1096, 9006), (1269, 9243), (1290, 9270), (1292, 9273),

Gene: Rollins_2 Start: 653, Stop: 2215, Start Num: 211
Candidate Starts for Rollins_2:
(Start: 211 @653 has 88 MA's), (Start: 297 @761 has 2 MA's), (330, 809), (409, 917), (414, 923), (426, 932), (429, 938), (430, 941), (485, 1037), (554, 1100), (607, 1214), (636, 1274), (642, 1292), (791, 1520), (829, 1565), (914, 1703), (1189, 2030), (1310, 2204), (1314, 2207),

Gene: Romney_11 Start: 6883, Stop: 8580, Start Num: 102
Candidate Starts for Romney_11:
(Start: 102 @6883 has 391 MA's), (Start: 126 @6907 has 206 MA's), (Start: 239 @7030 has 2 MA's), (339, 7120), (363, 7153), (426, 7252), (473, 7336), (476, 7339), (503, 7378), (558, 7447), (569, 7471), (593, 7537), (634, 7627), (720, 7792), (778, 7879), (798, 7912), (864, 7978), (913, 8050), (915, 8053), (928, 8077), (980, 8128), (988, 8143), (1007, 8182), (1026, 8203), (1096, 8299), (1269, 8536), (1292, 8566), (1294, 8569),

Gene: RonRayGun_3 Start: 724, Stop: 2607, Start Num: 96
Candidate Starts for RonRayGun_3:
(16, 475), (Start: 96 @724 has 7 MA's), (177, 805), (Start: 182 @814 has 18 MA's), (257, 910), (260, 922), (350, 1054), (447, 1201), (450, 1207), (462, 1234), (476, 1252), (528, 1315), (597, 1450), (693, 1651), (739, 1708), (917, 1927), (963, 1978), (973, 2002), (996, 2053), (1067, 2182), (1089, 2221),

(1096, 2230), (1126, 2281), (1149, 2320), (1184, 2407), (1196, 2419), (1249, 2512), (1256, 2527), (1257, 2530),

Gene: Rona_3 Start: 944, Stop: 2563, Start Num: 211
Candidate Starts for Rona_3:
(4, 410), (Start: 205 @938 has 7 MA's), (Start: 211 @944 has 88 MA's), (330, 1100), (400, 1190), (409, 1208), (426, 1223), (459, 1292), (479, 1316), (489, 1334), (554, 1391), (585, 1442), (586, 1445), (607, 1505), (623, 1526), (632, 1553), (642, 1583), (873, 1922), (962, 2045), (1196, 2360), (1222, 2399), (1304, 2516),

Gene: Roney_13 Start: 7213, Stop: 8958, Start Num: 217
Candidate Starts for Roney_13:
(Start: 217 @7213 has 209 MA's), (222, 7219), (280, 7306), (287, 7312), (315, 7348), (343, 7402), (504, 7687), (523, 7705), (525, 7708), (561, 7777), (604, 7879), (621, 7915), (628, 7936), (636, 7960), (660, 8017), (680, 8065), (709, 8131), (728, 8164), (731, 8170), (748, 8200), (761, 8221), (804, 8293), (949, 8488), (991, 8554), (1000, 8575), (1003, 8578), (1043, 8638), (1125, 8749), (1161, 8785), (1182, 8806), (1196, 8818), (1226, 8866), (1244, 8908), (1246, 8911),

Gene: Roosevelt_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Roosevelt_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: RootBeer_2 Start: 477, Stop: 2246, Start Num: 198
Candidate Starts for RootBeer_2:
(Start: 184 @459 has 3 MA's), (Start: 198 @477 has 6 MA's), (280, 594), (Start: 329 @660 has 15 MA's), (340, 672), (347, 690), (379, 741), (442, 843), (536, 990), (582, 1068), (665, 1239), (702, 1320), (725, 1350), (773, 1422), (885, 1593), (926, 1665), (1041, 1869), (1088, 1935), (1094, 1944), (1115, 1971), (1137, 2004), (1158, 2034), (1177, 2058), (1185, 2067), (1226, 2109), (1255, 2172), (1293, 2235),

Gene: Rosa24_10 Start: 6859, Stop: 8556, Start Num: 102
Candidate Starts for Rosa24_10:
(Start: 102 @6859 has 391 MA's), (Start: 126 @6883 has 206 MA's), (Start: 239 @7006 has 2 MA's), (339, 7096), (363, 7129), (473, 7312), (476, 7315), (503, 7354), (558, 7423), (569, 7447), (593, 7513), (634, 7603), (720, 7768), (778, 7855), (798, 7888), (864, 7954), (913, 8026), (915, 8029), (928, 8053), (980, 8104), (988, 8119), (1007, 8158), (1026, 8179), (1096, 8275), (1269, 8512), (1292, 8542), (1294, 8545),

Gene: RosaAsantewaa_7 Start: 2623, Stop: 4365, Start Num: 217
Candidate Starts for RosaAsantewaa_7:
(Start: 211 @2617 has 88 MA's), (Start: 217 @2623 has 209 MA's), (259, 2698), (280, 2716), (287, 2722), (350, 2836), (458, 3019), (482, 3049), (504, 3097), (525, 3118), (547, 3160), (599, 3280), (604, 3289), (679, 3469), (680, 3475), (728, 3574), (731, 3580), (804, 3703), (859, 3772), (940, 3886), (967, 3913), (1000, 3982), (1003, 3985), (1038, 4036), (1182, 4213), (1196, 4225), (1207, 4243), (1244, 4315), (1246, 4318),

Gene: Rosalind_14 Start: 6808, Stop: 8505, Start Num: 103
Candidate Starts for Rosalind_14:

(Start: 103 @6808 has 278 MA's), (121, 6826), (292, 6988), (406, 7144), (445, 7213), (476, 7267), (558, 7375), (571, 7402), (593, 7465), (603, 7489), (928, 8005), (988, 8068), (1015, 8110), (1096, 8224), (1196, 8329), (1269, 8461), (1290, 8488), (1292, 8491), (1294, 8494),

Gene: RoscoWindex_3 Start: 1086, Stop: 2546, Start Num: 193
Candidate Starts for RoscoWindex_3:
(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (744, 1881), (753, 1896), (777, 1932), (804, 1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: Rose5_4 Start: 1052, Stop: 2635, Start Num: 149
Candidate Starts for Rose5_4:
(Start: 149 @1052 has 70 MA's), (Start: 155 @1058 has 82 MA's), (284, 1229), (352, 1316), (374, 1334), (379, 1340), (396, 1376), (486, 1514), (488, 1517), (550, 1592), (582, 1646), (584, 1649), (585, 1652), (659, 1820), (684, 1874), (688, 1883), (700, 1898), (713, 1919), (737, 1958), (753, 1979), (757, 1985), (777, 2012), (808, 2054), (848, 2078), (866, 2096), (873, 2105), (876, 2111), (902, 2144), (918, 2177), (953, 2216), (962, 2222), (963, 2225), (990, 2270), (1031, 2336), (1069, 2387), (1087, 2402), (1093, 2411), (1111, 2426), (1114, 2429), (1207, 2531), (1224, 2558), (1252, 2609), (1254, 2612),

Gene: RoseMarie_14 Start: 4966, Stop: 6510, Start Num: 181
Candidate Starts for RoseMarie_14:
(Start: 181 @4966 has 21 MA's), (223, 5014), (454, 5353), (586, 5515), (595, 5545), (605, 5569), (700, 5755), (733, 5806), (782, 5878), (864, 5929), (873, 5941), (893, 5965), (939, 6040), (953, 6052), (988, 6112), (1003, 6145), (1023, 6166), (1028, 6178), (1045, 6205), (1069, 6235), (1090, 6253), (1228, 6439), (1241, 6460),

Gene: Rossetti_4 Start: 1069, Stop: 2637, Start Num: 149
Candidate Starts for Rossetti_4:
(Start: 149 @1069 has 70 MA's), (Start: 155 @1075 has 82 MA's), (271, 1231), (374, 1351), (382, 1366), (484, 1528), (488, 1534), (533, 1594), (582, 1666), (585, 1672), (591, 1693), (636, 1792), (659, 1840), (684, 1894), (700, 1918), (728, 1963), (733, 1969), (753, 1999), (757, 2005), (777, 2032), (782, 2041), (848, 2098), (855, 2104), (873, 2125), (876, 2131), (925, 2206), (927, 2209), (963, 2245), (990, 2290), (1031, 2356), (1069, 2407), (1093, 2431), (1114, 2449), (1118, 2458), (1241, 2605), (1252, 2629), (1254, 2632),

Gene: Rowa_2 Start: 530, Stop: 2230, Start Num: 236
Candidate Starts for Rowa_2:
(207, 494), (228, 518), (Start: 236 @530 has 15 MA's), (316, 638), (344, 683), (439, 842), (485, 926), (548, 1016), (571, 1055), (603, 1136), (664, 1241), (702, 1325), (723, 1352), (784, 1448), (833, 1526), (851, 1553), (872, 1580), (880, 1583), (913, 1640), (917, 1649), (922, 1661), (979, 1763), (1036, 1868), (1041, 1874), (1056, 1898), (1064, 1916), (1094, 1955), (1115, 1982), (1142, 2015), (1226, 2114), (1253, 2171), (1255, 2177),

Gene: Rowdy_14 Start: 6755, Stop: 8446, Start Num: 102
Candidate Starts for Rowdy_14:
(Start: 102 @6755 has 391 MA's), (Start: 126 @6779 has 206 MA's), (Start: 239 @6902 has 2 MA's), (316, 6968), (350, 7022), (363, 7034), (390, 7079), (426, 7133), (443, 7160), (450, 7175), (476, 7220), (503, 7259), (543, 7307), (558, 7328), (569, 7352), (593, 7403), (646, 7526), (732, 7673), (769, 7733), (798, 7778), (864, 7844), (915, 7919), (928, 7943), (988, 8009), (1026, 8069), (1096, 8165), (1134, 8219), (1269, 8402), (1292, 8432), (1294, 8435),

Gene: Royals2015_2 Start: 587, Stop: 2224, Start Num: 126

Candidate Starts for Royals2015_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Rozby_5 Start: 3064, Stop: 4629, Start Num: 155
Candidate Starts for Rozby_5:
(Start: 155 @3064 has 82 MA's), (Start: 324 @3274 has 4 MA's), (374, 3328), (409, 3394), (430, 3418), (573, 3634), (582, 3646), (584, 3649), (586, 3655), (607, 3715), (636, 3775), (740, 3874), (759, 3904), (768, 3919), (815, 4000), (880, 4078), (883, 4087), (905, 4123), (923, 4162), (953, 4195), (963, 4204), (977, 4231), (1020, 4285), (1044, 4327), (1111, 4372), (1126, 4393), (1141, 4417), (1222, 4495), (1308, 4615),

Gene: Rubeelu_2 Start: 495, Stop: 2030, Start Num: 231
Candidate Starts for Rubeelu_2:
(Start: 231 @495 has 26 MA's), (Start: 234 @498 has 29 MA's), (Start: 245 @513 has 1 MA's), (282, 570), (Start: 297 @588 has 2 MA's), (309, 600), (368, 672), (395, 720), (400, 729), (443, 792), (487, 864), (508, 912), (584, 1011), (601, 1062), (636, 1134), (641, 1149), (652, 1167), (713, 1275), (728, 1299), (769, 1362), (830, 1446), (873, 1503), (886, 1518), (918, 1575), (930, 1593), (953, 1620), (995, 1689), (1033, 1746), (1047, 1755), (1079, 1776), (1098, 1809), (1124, 1845), (1134, 1860), (1207, 1941), (1210, 1947),

Gene: Rubeus_12 Start: 7080, Stop: 8768, Start Num: 108
Candidate Starts for Rubeus_12:
(Start: 108 @7080 has 24 MA's), (292, 7251), (Start: 302 @7260 has 3 MA's), (363, 7344), (380, 7371), (383, 7380), (476, 7530), (500, 7563), (558, 7638), (593, 7728), (603, 7752), (621, 7779), (637, 7827), (720, 7983), (760, 8043), (930, 8268), (939, 8277), (952, 8289), (988, 8331), (995, 8352), (1020, 8379), (1096, 8487), (1182, 8577), (1246, 8682),

Gene: Ruby_2 Start: 573, Stop: 2210, Start Num: 126
Candidate Starts for Ruby_2:
(Start: 126 @573 has 206 MA's), (133, 582), (Start: 147 @597 has 3 MA's), (Start: 176 @618 has 83 MA's), (Start: 217 @654 has 209 MA's), (Start: 219 @657 has 2 MA's), (Start: 231 @675 has 26 MA's), (271, 720), (310, 759), (372, 846), (419, 906), (442, 930), (445, 939), (447, 942), (454, 963), (467, 984), (482, 999), (519, 1056), (543, 1095), (580, 1164), (584, 1170), (597, 1200), (598, 1203), (603, 1212), (612, 1227), (621, 1245), (638, 1296), (689, 1389), (695, 1398), (845, 1569), (859, 1581), (915, 1665), (934, 1695), (937, 1698), (940, 1701), (988, 1758), (993, 1773), (995, 1779), (996, 1782), (1007, 1797), (1020, 1806), (1062, 1875), (1082, 1905), (1084, 1914), (1112, 1947), (1140, 1980), (1176, 2007), (1202, 2040), (1222, 2070), (1235, 2091), (1246, 2115), (1251, 2124), (1253, 2127), (1284, 2184),

Gene: Ruchi_3 Start: 1027, Stop: 2607, Start Num: 224
Candidate Starts for Ruchi_3:
(Start: 141 @937 has 6 MA's), (Start: 164 @961 has 12 MA's), (Start: 224 @1027 has 17 MA's), (Start: 300 @1123 has 12 MA's), (Start: 302 @1126 has 3 MA's), (306, 1132), (381, 1225), (401, 1264), (409, 1279), (430, 1303), (489, 1405), (607, 1576), (619, 1588), (636, 1636), (643, 1657), (674, 1717), (687, 1747), (698, 1756), (744, 1819), (832, 1936), (896, 2035), (905, 2047), (949, 2113), (963, 2128), (980, 2158), (1014, 2197), (1017, 2206), (1023, 2215), (1044, 2251), (1093, 2305), (1246, 2515), (1267,

2557), (1306, 2596),

Gene: Rufus_12 Start: 7137, Stop: 8825, Start Num: 108
Candidate Starts for Rufus_12:
(Start: 108 @7137 has 24 MA's), (292, 7308), (Start: 302 @7317 has 3 MA's), (363, 7401), (380, 7428), (383, 7437), (476, 7587), (500, 7620), (558, 7695), (593, 7785), (603, 7809), (621, 7836), (637, 7884), (679, 7953), (714, 8028), (720, 8040), (760, 8100), (939, 8334), (952, 8346), (988, 8388), (995, 8409), (1020, 8436), (1096, 8544), (1182, 8634), (1246, 8739),

Gene: Ruin_11 Start: 6883, Stop: 8580, Start Num: 102
Candidate Starts for Ruin_11:
(Start: 102 @6883 has 391 MA's), (Start: 126 @6907 has 206 MA's), (Start: 239 @7030 has 2 MA's), (339, 7120), (363, 7153), (426, 7252), (473, 7336), (476, 7339), (503, 7378), (558, 7447), (569, 7471), (593, 7537), (634, 7627), (720, 7792), (778, 7879), (798, 7912), (864, 7978), (913, 8050), (915, 8053), (928, 8077), (980, 8128), (988, 8143), (1007, 8182), (1026, 8203), (1096, 8299), (1269, 8536), (1292, 8566), (1294, 8569),

Gene: Rummer_13 Start: 7041, Stop: 8741, Start Num: 104
Candidate Starts for Rummer_13:
(Start: 104 @7041 has 125 MA's), (151, 7089), (292, 7224), (426, 7416), (476, 7503), (593, 7701), (634, 7791), (671, 7854), (760, 8016), (915, 8214), (928, 8238), (930, 8241), (988, 8304), (995, 8325), (1026, 8364), (1096, 8460), (1134, 8514), (1182, 8550), (1269, 8697), (1292, 8727), (1294, 8730),

Gene: Rumpelstiltskin_4 Start: 1069, Stop: 2637, Start Num: 149
Candidate Starts for Rumpelstiltskin_4:
(Start: 149 @1069 has 70 MA's), (Start: 155 @1075 has 82 MA's), (271, 1231), (404, 1408), (484, 1528), (488, 1534), (533, 1594), (582, 1666), (585, 1672), (591, 1693), (636, 1792), (637, 1795), (659, 1840), (684, 1894), (700, 1918), (728, 1963), (733, 1969), (753, 1999), (757, 2005), (777, 2032), (782, 2041), (848, 2098), (855, 2104), (873, 2125), (876, 2131), (925, 2206), (927, 2209), (963, 2245), (990, 2290), (1031, 2356), (1093, 2431), (1114, 2449), (1118, 2458), (1241, 2605), (1252, 2629), (1254, 2632),

Gene: Runhaar_17 Start: 10303, Stop: 12048, Start Num: 217
Candidate Starts for Runhaar_17:
(Start: 217 @10303 has 209 MA's), (222, 10309), (280, 10396), (287, 10402), (315, 10438), (343, 10492), (353, 10522), (446, 10669), (504, 10777), (523, 10795), (525, 10798), (561, 10867), (596, 10951), (604, 10969), (628, 11026), (680, 11155), (728, 11254), (731, 11260), (791, 11359), (804, 11383), (940, 11569), (949, 11578), (991, 11644), (1000, 11665), (1003, 11668), (1179, 11893), (1182, 11896), (1196, 11908), (1244, 11998), (1246, 12001),

Gene: Ruotula_10 Start: 7196, Stop: 8884, Start Num: 102
Candidate Starts for Ruotula_10:
(Start: 102 @7196 has 391 MA's), (363, 7460), (379, 7484), (476, 7646), (500, 7679), (558, 7754), (593, 7844), (603, 7868), (621, 7895), (637, 7943), (679, 8012), (720, 8099), (760, 8159), (939, 8393), (952, 8405), (988, 8447), (995, 8468), (1020, 8495), (1096, 8603), (1182, 8693), (1246, 8798),

Gene: Rusticus_7 Start: 2580, Stop: 4208, Start Num: 92
Candidate Starts for Rusticus_7:
(Start: 75 @2562 has 95 MA's), (Start: 92 @2580 has 10 MA's), (325, 2784), (382, 2865), (462, 3000), (480, 3021), (515, 3066), (543, 3108), (582, 3180), (593, 3204), (634, 3291), (638, 3303), (673, 3357), (751, 3456), (786, 3516), (920, 3678), (927, 3687), (992, 3777), (1017, 3810), (1062, 3882), (1064, 3885), (1096, 3924), (1112, 3945), (1116, 3951), (1130, 3969), (1217, 4065), (1251, 4125),

Gene: RustyBoy_7 Start: 3427, Stop: 5175, Start Num: 217
Candidate Starts for RustyBoy_7:
(Start: 217 @3427 has 209 MA's), (287, 3526), (353, 3646), (458, 3823), (504, 3901), (525, 3922), (580, 4024), (604, 4093), (680, 4279), (699, 4324), (713, 4354), (728, 4378), (791, 4483), (804, 4507), (859, 4579), (949, 4705), (994, 4780), (1000, 4792), (1003, 4795), (1027, 4828), (1030, 4834), (1182, 5023), (1196, 5035), (1207, 5053), (1244, 5125), (1246, 5128),

Gene: Rutherferd_13 Start: 7598, Stop: 9286, Start Num: 108
Candidate Starts for Rutherferd_13:
(Start: 108 @7598 has 24 MA's), (Start: 302 @7778 has 3 MA's), (363, 7862), (380, 7889), (383, 7898), (476, 8048), (500, 8081), (558, 8156), (593, 8246), (603, 8270), (621, 8297), (637, 8345), (720, 8501), (760, 8561), (930, 8786), (939, 8795), (952, 8807), (988, 8849), (995, 8870), (1020, 8897), (1096, 9005), (1182, 9095), (1246, 9200),

Gene: Ruthy_2 Start: 434, Stop: 1993, Start Num: 180
Candidate Starts for Ruthy_2:
(Start: 42 @278 has 1 MA's), (50, 302), (Start: 63 @335 has 32 MA's), (86, 365), (Start: 180 @434 has 11 MA's), (Start: 255 @500 has 1 MA's), (303, 560), (313, 569), (338, 608), (447, 758), (454, 779), (455, 782), (491, 824), (548, 878), (599, 986), (641, 1070), (642, 1073), (679, 1136), (691, 1166), (701, 1184), (702, 1187), (826, 1376), (866, 1430), (873, 1439), (876, 1445), (923, 1514), (953, 1550), (963, 1559), (968, 1568), (988, 1595), (989, 1598), (1000, 1625), (1044, 1685), (1061, 1706), (1148, 1811), (1168, 1844), (1267, 1973),

Gene: Ryan_6 Start: 2079, Stop: 3779, Start Num: 197
Candidate Starts for Ryan_6:
(145, 2022), (Start: 180 @2058 has 11 MA's), (Start: 197 @2079 has 23 MA's), (282, 2202), (Start: 300 @2223 has 12 MA's), (330, 2271), (377, 2316), (379, 2319), (400, 2361), (409, 2379), (412, 2382), (443, 2424), (489, 2505), (491, 2508), (554, 2562), (607, 2676), (636, 2736), (643, 2757), (768, 2988), (815, 3054), (829, 3069), (914, 3240), (963, 3297), (986, 3339), (1015, 3372), (1038, 3411), (1096, 3453), (1189, 3552), (1203, 3570), (1205, 3573), (1208, 3579), (1246, 3642), (1269, 3687), (1318, 3768),

Gene: RyeScarlet_13 Start: 8145, Stop: 9932, Start Num: 103
Candidate Starts for RyeScarlet_13:
(Start: 103 @8145 has 278 MA's), (Start: 117 @8160 has 12 MA's), (Start: 123 @8166 has 9 MA's), (Start: 231 @8277 has 26 MA's), (288, 8376), (406, 8538), (445, 8610), (476, 8664), (503, 8703), (558, 8775), (593, 8865), (603, 8889), (663, 9006), (673, 9021), (727, 9129), (776, 9204), (798, 9240), (837, 9300), (920, 9420), (936, 9441), (980, 9480), (1007, 9534), (1015, 9537), (1026, 9555), (1061, 9609), (1086, 9639), (1096, 9651), (1182, 9741), (1198, 9759), (1269, 9888), (1290, 9915), (1292, 9918),

Gene: SFuller_9 Start: 5554, Stop: 7113, Start Num: 221
Candidate Starts for SFuller_9:
(Start: 221 @5554 has 5 MA's), (Start: 225 @5560 has 1 MA's), (380, 5794), (488, 5971), (508, 6007), (510, 6010), (588, 6121), (595, 6139), (601, 6154), (621, 6181), (767, 6433), (783, 6454), (816, 6505), (952, 6697), (1078, 6880), (1118, 6943), (1130, 6958), (1147, 6982), (1215, 7060),

Gene: SG4_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for SG4_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583),

(859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: SPB78_2 Start: 441, Stop: 2099, Start Num: 173
Candidate Starts for SPB78_2:
(Start: 173 @441 has 9 MA's), (Start: 224 @495 has 17 MA's), (Start: 231 @507 has 26 MA's), (292, 555), (306, 570), (316, 582), (350, 639), (380, 678), (429, 756), (443, 786), (463, 831), (476, 846), (489, 864), (597, 1041), (687, 1218), (729, 1293), (791, 1398), (814, 1431), (826, 1446), (890, 1497), (930, 1584), (943, 1599), (980, 1641), (988, 1656), (992, 1668), (1020, 1704), (1064, 1776), (1095, 1812), (1106, 1830), (1134, 1869), (1170, 1884), (1187, 1911), (1298, 2079),

Gene: STLscum_12 Start: 7167, Stop: 8855, Start Num: 102
Candidate Starts for STLscum_12:
(Start: 102 @7167 has 391 MA's), (363, 7431), (379, 7455), (476, 7617), (500, 7650), (558, 7725), (593, 7815), (603, 7839), (621, 7866), (637, 7914), (720, 8070), (727, 8079), (760, 8130), (939, 8364), (952, 8376), (988, 8418), (995, 8439), (1020, 8466), (1096, 8574), (1182, 8664), (1246, 8769),

Gene: Saal_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for Saal_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 184 @629 has 3 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (310, 758), (372, 845), (419, 905), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (670, 1346), (689, 1388), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1140, 1979), (1176, 2006), (1202, 2039), (1219, 2066), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: Sabbb_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Sabbb_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (670, 1361), (695, 1412), (845, 1583), (859, 1595), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1112, 1961), (1130, 1979), (1140, 1994), (1176, 2021), (1202, 2054), (1214, 2075), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Sabertooth_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Sabertooth_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Sabia_13 Start: 6950, Stop: 8650, Start Num: 104
Candidate Starts for Sabia_13:

(Start: 104 @6950 has 125 MA's), (151, 6998), (292, 7133), (426, 7325), (476, 7412), (593, 7610), (634, 7700), (671, 7763), (760, 7925), (915, 8123), (928, 8147), (930, 8150), (988, 8213), (995, 8234), (1026, 8273), (1096, 8369), (1134, 8423), (1182, 8459), (1269, 8606), (1292, 8636), (1294, 8639),

Gene: Sabinator_13 Start: 6955, Stop: 8655, Start Num: 104
Candidate Starts for Sabinator_13:
(Start: 104 @6955 has 125 MA's), (151, 7003), (292, 7138), (426, 7330), (476, 7417), (593, 7615), (634, 7705), (671, 7768), (760, 7930), (915, 8128), (928, 8152), (930, 8155), (988, 8218), (995, 8239), (1026, 8278), (1096, 8374), (1134, 8428), (1182, 8464), (1269, 8611), (1292, 8641), (1294, 8644),

Gene: Sabourin_2 Start: 593, Stop: 2281, Start Num: 122
Candidate Starts for Sabourin_2:
(Start: 122 @593 has 16 MA's), (343, 794), (434, 938), (450, 962), (476, 1007), (541, 1094), (572, 1148), (591, 1187), (646, 1322), (705, 1424), (800, 1535), (887, 1646), (915, 1697), (1096, 1952), (1106, 1967), (1251, 2192), (1256, 2204), (1265, 2219),

Gene: Sachet_3 Start: 1074, Stop: 2534, Start Num: 193
Candidate Starts for Sachet_3:
(Start: 193 @1074 has 146 MA's), (Start: 198 @1080 has 6 MA's), (325, 1242), (330, 1251), (377, 1311), (415, 1380), (431, 1401), (455, 1452), (606, 1656), (744, 1869), (753, 1884), (777, 1920), (804, 1962), (832, 1995), (840, 2013), (923, 2133), (925, 2136), (936, 2148), (990, 2223), (1031, 2286), (1044, 2304), (1045, 2307), (1186, 2469), (1199, 2478), (1205, 2487), (1232, 2526),

Gene: Sachima_13 Start: 8109, Stop: 9896, Start Num: 103
Candidate Starts for Sachima_13:
(Start: 103 @8109 has 278 MA's), (Start: 117 @8124 has 12 MA's), (Start: 123 @8130 has 9 MA's), (Start: 231 @8241 has 26 MA's), (288, 8340), (406, 8502), (445, 8574), (476, 8628), (503, 8667), (558, 8739), (593, 8829), (603, 8853), (663, 8970), (673, 8985), (727, 9093), (776, 9168), (798, 9204), (837, 9264), (920, 9384), (936, 9405), (980, 9444), (1007, 9498), (1015, 9501), (1026, 9519), (1061, 9573), (1086, 9603), (1096, 9615), (1182, 9705), (1198, 9723), (1269, 9852), (1290, 9879), (1292, 9882),

Gene: Saftant_6 Start: 2534, Stop: 4177, Start Num: 78
Candidate Starts for Saftant_6:
(Start: 75 @2531 has 95 MA's), (Start: 78 @2534 has 1 MA's), (Start: 92 @2549 has 10 MA's), (174, 2606), (325, 2753), (350, 2789), (383, 2837), (450, 2942), (462, 2969), (468, 2978), (480, 2990), (571, 3125), (593, 3173), (638, 3272), (673, 3326), (701, 3386), (751, 3425), (786, 3485), (800, 3503), (866, 3566), (915, 3635), (927, 3656), (980, 3719), (992, 3746), (1007, 3773), (1026, 3794), (1064, 3854), (1096, 3893), (1116, 3920), (1130, 3938), (1261, 4115),

Gene: Sage7_3 Start: 1086, Stop: 2546, Start Num: 193
Candidate Starts for Sage7_3:
(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (744, 1881), (753, 1896), (777, 1932), (804, 1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: Sagefire_12 Start: 7849, Stop: 9537, Start Num: 102
Candidate Starts for Sagefire_12:
(Start: 102 @7849 has 391 MA's), (363, 8113), (379, 8137), (476, 8299), (500, 8332), (558, 8407), (593, 8497), (603, 8521), (621, 8548), (637, 8596), (720, 8752), (760, 8812), (939, 9046), (952, 9058), (988, 9100), (995, 9121), (1020, 9148), (1096, 9256), (1182, 9346), (1246, 9451),

Gene: Sahara_2 Start: 318, Stop: 1889, Start Num: 134

Candidate Starts for Sahara_2:
(Start: 134 @318 has 105 MA's), (251, 426), (313, 504), (332, 537), (397, 621), (402, 630), (431, 666), (461, 726), (550, 816), (552, 819), (596, 912), (607, 936), (630, 978), (679, 1071), (736, 1137), (741, 1149), (760, 1179), (837, 1293), (873, 1338), (876, 1344), (895, 1365), (950, 1455), (986, 1500), (989, 1506), (1003, 1536), (1005, 1539), (1044, 1593), (1078, 1629), (1120, 1680), (1162, 1740), (1164, 1743), (1200, 1785), (1266, 1872),

Gene: Saintcarr_5 Start: 1939, Stop: 3639, Start Num: 197
Candidate Starts for Saintcarr_5:
(145, 1882), (Start: 180 @1918 has 11 MA's), (Start: 197 @1939 has 23 MA's), (282, 2062), (Start: 300 @2083 has 12 MA's), (330, 2131), (377, 2176), (379, 2179), (400, 2221), (409, 2239), (412, 2242), (414, 2245), (491, 2368), (554, 2422), (586, 2476), (607, 2536), (636, 2596), (643, 2617), (768, 2848), (815, 2914), (829, 2929), (914, 3100), (953, 3148), (963, 3157), (986, 3199), (1015, 3232), (1038, 3271), (1096, 3313), (1182, 3403), (1203, 3430), (1205, 3433), (1208, 3439), (1246, 3502), (1292, 3580), (1318, 3628),

Gene: Saints25_9 Start: 2474, Stop: 4144, Start Num: 301
Candidate Starts for Saints25_9:
(Start: 301 @2474 has 48 MA's), (344, 2537), (479, 2771), (548, 2873), (632, 3053), (641, 3077), (650, 3095), (663, 3107), (694, 3170), (698, 3182), (725, 3227), (734, 3242), (784, 3320), (811, 3365), (845, 3419), (851, 3425), (917, 3539), (946, 3587), (994, 3683), (1007, 3704), (1019, 3719), (1118, 3872), (1129, 3884), (1175, 3941), (1205, 3977), (1235, 4028), (1251, 4064), (1253, 4067), (1294, 4133),

Gene: Saintus_9 Start: 5681, Stop: 7435, Start Num: 63
Candidate Starts for Saintus_9:
(Start: 63 @5681 has 32 MA's), (94, 5723), (125, 5762), (Start: 231 @5870 has 26 MA's), (406, 6077), (536, 6278), (593, 6386), (646, 6515), (743, 6680), (763, 6713), (866, 6833), (915, 6908), (995, 7019), (1007, 7037), (1026, 7058), (1061, 7112), (1096, 7154), (1251, 7358), (1269, 7391), (1294, 7424), (1299, 7430),

Gene: Salk_8 Start: 3618, Stop: 5366, Start Num: 217
Candidate Starts for Salk_8:
(Start: 200 @3600 has 5 MA's), (Start: 217 @3618 has 209 MA's), (280, 3711), (287, 3717), (325, 3774), (353, 3837), (458, 4014), (504, 4092), (525, 4113), (580, 4215), (604, 4284), (680, 4470), (713, 4545), (728, 4569), (791, 4674), (804, 4698), (868, 4782), (949, 4896), (967, 4914), (1000, 4983), (1003, 4986), (1038, 5037), (1068, 5079), (1131, 5166), (1161, 5193), (1182, 5214), (1196, 5226), (1207, 5244), (1246, 5319),

Gene: SallySpecial_2 Start: 441, Stop: 1871, Start Num: 244
Candidate Starts for SallySpecial_2:
(143, 354), (174, 387), (Start: 202 @420 has 4 MA's), (Start: 244 @441 has 5 MA's), (Start: 297 @519 has 2 MA's), (Start: 314 @537 has 1 MA's), (374, 609), (379, 615), (381, 621), (395, 648), (404, 666), (414, 681), (454, 747), (455, 750), (492, 801), (514, 837), (562, 882), (601, 978), (623, 1011), (659, 1092), (724, 1149), (860, 1335), (864, 1341), (896, 1386), (908, 1404), (968, 1479), (983, 1506), (996, 1539), (1044, 1596), (1114, 1692), (1120, 1704), (1196, 1797), (1227, 1845),

Gene: Salvus_6 Start: 2100, Stop: 3764, Start Num: 176
Candidate Starts for Salvus_6:
(Start: 176 @2100 has 83 MA's), (Start: 212 @2139 has 5 MA's), (Start: 231 @2163 has 26 MA's), (350, 2292), (443, 2439), (450, 2454), (476, 2499), (507, 2547), (537, 2583), (571, 2640), (582, 2664), (597, 2700), (699, 2898), (706, 2913), (729, 2952), (873, 3138), (908, 3189), (915, 3219), (1064, 3432), (1091, 3462), (1112, 3489), (1119, 3501), (1170, 3537), (1171, 3540), (1234, 3633), (1261, 3690),

Gene: Salz_12 Start: 8021, Stop: 9784, Start Num: 103
Candidate Starts for Salz_12:
(Start: 103 @8021 has 278 MA's), (Start: 123 @8042 has 9 MA's), (Start: 206 @8129 has 29 MA's), (288, 8258), (309, 8282), (350, 8345), (445, 8489), (473, 8540), (476, 8543), (558, 8654), (569, 8678), (571, 8681), (593, 8744), (596, 8753), (603, 8768), (663, 8885), (673, 8900), (701, 8960), (751, 9044), (864, 9185), (920, 9272), (928, 9284), (980, 9332), (988, 9347), (1007, 9386), (1026, 9407), (1049, 9446), (1086, 9491), (1096, 9503), (1269, 9740), (1290, 9767),

Gene: SamW_2 Start: 374, Stop: 1957, Start Num: 205
Candidate Starts for SamW_2:
(Start: 202 @371 has 4 MA's), (Start: 205 @374 has 7 MA's), (Start: 211 @380 has 88 MA's), (341, 551), (374, 629), (380, 638), (483, 812), (575, 914), (582, 920), (586, 929), (587, 938), (618, 998), (635, 1046), (636, 1049), (719, 1112), (778, 1205), (832, 1271), (925, 1427), (944, 1445), (981, 1490), (1001, 1532), (1025, 1568), (1032, 1583), (1052, 1610), (1054, 1613), (1066, 1628), (1099, 1661), (1111, 1676), (1143, 1724), (1175, 1754), (1190, 1772), (1238, 1847), (1278, 1922), (1305, 1946),

Gene: Samba_2 Start: 360, Stop: 1928, Start Num: 163
Candidate Starts for Samba_2:
(59, 255), (Start: 163 @360 has 37 MA's), (269, 477), (313, 519), (Start: 324 @537 has 4 MA's), (334, 552), (362, 573), (377, 594), (396, 633), (431, 693), (451, 729), (454, 741), (491, 786), (498, 795), (522, 822), (584, 900), (630, 1005), (637, 1020), (642, 1035), (702, 1113), (736, 1164), (837, 1320), (869, 1359), (898, 1398), (914, 1431), (923, 1443), (963, 1488), (965, 1491), (968, 1497), (984, 1518), (989, 1527), (990, 1530), (1005, 1560), (1026, 1584), (1033, 1599), (1111, 1689), (1118, 1701), (1148, 1743), (1156, 1758), (1176, 1779), (1188, 1794), (1262, 1902), (1269, 1911), (1273, 1917),

Gene: Samman98_3 Start: 820, Stop: 2379, Start Num: 134
Candidate Starts for Samman98_3:
(86, 760), (Start: 134 @820 has 105 MA's), (251, 928), (278, 973), (313, 1006), (332, 1039), (396, 1120), (397, 1123), (402, 1132), (431, 1168), (461, 1228), (550, 1318), (552, 1321), (596, 1414), (607, 1438), (642, 1510), (679, 1573), (736, 1639), (760, 1681), (806, 1750), (810, 1756), (837, 1795), (855, 1816), (873, 1840), (876, 1846), (895, 1867), (918, 1912), (950, 1948), (952, 1951), (986, 1993), (1078, 2122), (1120, 2173), (1214, 2302), (1266, 2362),

Gene: Samora_2 Start: 588, Stop: 2150, Start Num: 304
Candidate Starts for Samora_2:
(Start: 304 @588 has 4 MA's), (450, 816), (452, 822), (479, 864), (535, 945), (536, 948), (548, 969), (550, 972), (564, 999), (591, 1053), (603, 1083), (617, 1098), (632, 1137), (636, 1149), (655, 1182), (718, 1287), (845, 1479), (901, 1542), (922, 1590), (931, 1602), (944, 1617), (972, 1668), (973, 1674), (978, 1683), (994, 1722), (1062, 1827), (1064, 1830), (1119, 1899), (1199, 1998), (1203, 2004), (1212, 2016), (1219, 2028), (1226, 2031),

Gene: Samty_5 Start: 1186, Stop: 2751, Start Num: 149
Candidate Starts for Samty_5:
(Start: 149 @1186 has 70 MA's), (Start: 155 @1192 has 82 MA's), (284, 1363), (374, 1468), (381, 1480), (476, 1636), (484, 1645), (486, 1648), (488, 1651), (550, 1726), (582, 1780), (584, 1783), (585, 1786), (688, 2017), (737, 2092), (753, 2113), (757, 2119), (808, 2188), (848, 2212), (866, 2230), (876, 2245), (963, 2359), (988, 2398), (990, 2404), (1031, 2470), (1111, 2560), (1118, 2572), (1155, 2611), (1228, 2698), (1252, 2743), (1254, 2746),

Gene: Samy_5 Start: 1792, Stop: 3501, Start Num: 127
Candidate Starts for Samy_5:
(Start: 127 @1792 has 26 MA's), (Start: 139 @1807 has 1 MA's), (Start: 181 @1849 has 21 MA's), (Start: 205 @1864 has 7 MA's), (Start: 219 @1879 has 2 MA's), (Start: 241 @1912 has 2 MA's), (277,

1945), (321, 1981), (428, 2164), (447, 2200), (593, 2440), (627, 2515), (716, 2698), (747, 2707), (814, 2812), (1038, 3100), (1071, 3148), (1097, 3193), (1209, 3340), (1220, 3355), (1246, 3406), (1251, 3415),

Gene: SanaSana_4 Start: 960, Stop: 2585, Start Num: 211
Candidate Starts for SanaSana_4:
(Start: 211 @960 has 88 MA's), (330, 1116), (409, 1224), (426, 1239), (459, 1308), (491, 1353), (585, 1458), (586, 1461), (607, 1521), (622, 1539), (623, 1542), (632, 1569), (642, 1599), (744, 1761), (898, 1977), (949, 2052), (962, 2064), (1222, 2418), (1249, 2466),

Gene: Sandaddy_10 Start: 6972, Stop: 8660, Start Num: 102
Candidate Starts for Sandaddy_10:
(Start: 102 @6972 has 391 MA's), (Start: 302 @7152 has 3 MA's), (363, 7236), (383, 7272), (406, 7299), (476, 7422), (558, 7530), (593, 7620), (603, 7644), (621, 7671), (637, 7719), (720, 7875), (760, 7935), (930, 8160), (939, 8169), (952, 8181), (988, 8223), (995, 8244), (1020, 8271), (1096, 8379), (1182, 8469), (1246, 8574),

Gene: Sandalphon_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Sandalphon_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Sangak_7 Start: 2655, Stop: 4400, Start Num: 217
Candidate Starts for Sangak_7:
(Start: 217 @2655 has 209 MA's), (222, 2661), (252, 2709), (280, 2748), (287, 2754), (458, 3051), (504, 3129), (523, 3147), (525, 3150), (561, 3219), (580, 3252), (604, 3321), (639, 3414), (680, 3507), (731, 3612), (804, 3735), (859, 3807), (967, 3948), (1000, 4017), (1003, 4020), (1101, 4158), (1161, 4227), (1182, 4248), (1184, 4251), (1196, 4260), (1207, 4278), (1226, 4308), (1244, 4350), (1246, 4353),

Gene: SansAfet_3 Start: 677, Stop: 2305, Start Num: 211
Candidate Starts for SansAfet_3:
(Start: 211 @677 has 88 MA's), (330, 833), (409, 941), (459, 1025), (479, 1049), (489, 1067), (554, 1124), (585, 1175), (586, 1178), (607, 1238), (622, 1256), (632, 1286), (642, 1316), (949, 1772), (963, 1787), (1222, 2138), (1249, 2186), (1318, 2294),

Gene: SantasSleigh_3 Start: 1110, Stop: 2570, Start Num: 193
Candidate Starts for SantasSleigh_3:
(Start: 193 @1110 has 146 MA's), (Start: 198 @1116 has 6 MA's), (325, 1278), (330, 1287), (377, 1347), (415, 1416), (431, 1437), (455, 1488), (606, 1692), (744, 1905), (753, 1920), (777, 1956), (804, 1998), (832, 2031), (840, 2049), (923, 2169), (925, 2172), (936, 2184), (990, 2259), (1031, 2322), (1044, 2340), (1045, 2343), (1186, 2505), (1199, 2514), (1205, 2523), (1232, 2562),

Gene: Santhid_2 Start: 511, Stop: 2100, Start Num: 194
Candidate Starts for Santhid_2:

(Start: 194 @511 has 13 MA's), (306, 646), (312, 652), (338, 694), (379, 733), (396, 769), (430, 817), (459, 877), (489, 919), (491, 922), (510, 946), (512, 949), (554, 976), (587, 1039), (623, 1111), (633, 1141), (635, 1147), (636, 1150), (815, 1417), (829, 1432), (832, 1435), (836, 1447), (881, 1507), (908, 1552), (914, 1570), (918, 1579), (943, 1609), (1020, 1702), (1030, 1723), (1035, 1732), (1088, 1792), (1103, 1816), (1132, 1852), (1249, 2017), (1259, 2035), (1306, 2089),

Gene: Sanya_11 Start: 7634, Stop: 9322, Start Num: 102
Candidate Starts for Sanya_11:
(Start: 102 @7634 has 391 MA's), (363, 7898), (379, 7922), (476, 8084), (500, 8117), (558, 8192), (593, 8282), (603, 8306), (621, 8333), (637, 8381), (679, 8450), (720, 8537), (727, 8546), (760, 8597), (930, 8822), (939, 8831), (952, 8843), (988, 8885), (995, 8906), (1020, 8933), (1096, 9041), (1182, 9131), (1246, 9236),

Gene: Sapo_1 Start: 60, Stop: 1748, Start Num: 58
Candidate Starts for Sapo_1:
(Start: 58 @60 has 4 MA's), (582, 750), (587, 768), (623, 840), (636, 879), (775, 1032), (834, 1107), (852, 1134), (918, 1245), (923, 1251), (927, 1257), (963, 1293), (1014, 1383), (1053, 1437), (1096, 1470), (1258, 1680), (1260, 1683),

Gene: SarBear_3 Start: 676, Stop: 2304, Start Num: 211
Candidate Starts for SarBear_3:
(Start: 211 @676 has 88 MA's), (330, 832), (409, 940), (459, 1024), (479, 1048), (554, 1123), (585, 1174), (586, 1177), (607, 1237), (622, 1255), (632, 1285), (642, 1315), (949, 1771), (963, 1786), (1222, 2137), (1318, 2293),

Gene: SarFire_11 Start: 6833, Stop: 8521, Start Num: 102
Candidate Starts for SarFire_11:
(Start: 102 @6833 has 391 MA's), (Start: 302 @7013 has 3 MA's), (363, 7097), (383, 7133), (406, 7160), (476, 7283), (500, 7316), (558, 7391), (593, 7481), (603, 7505), (621, 7532), (637, 7580), (720, 7736), (727, 7745), (760, 7796), (939, 8030), (952, 8042), (988, 8084), (995, 8105), (1020, 8132), (1096, 8240), (1182, 8330), (1246, 8435),

Gene: Sara_3 Start: 1074, Stop: 2534, Start Num: 193
Candidate Starts for Sara_3:
(Start: 193 @1074 has 146 MA's), (Start: 198 @1080 has 6 MA's), (325, 1242), (330, 1251), (377, 1311), (415, 1380), (431, 1401), (455, 1452), (606, 1656), (744, 1869), (753, 1884), (777, 1920), (804, 1962), (832, 1995), (840, 2013), (923, 2133), (925, 2136), (936, 2148), (990, 2223), (1031, 2286), (1044, 2304), (1045, 2307), (1186, 2469), (1199, 2478), (1205, 2487), (1232, 2526),

Gene: SarahRose_6 Start: 2376, Stop: 4022, Start Num: 75
Candidate Starts for SarahRose_6:
(Start: 75 @2376 has 95 MA's), (Start: 92 @2394 has 10 MA's), (Start: 239 @2526 has 2 MA's), (325, 2598), (350, 2634), (462, 2814), (480, 2835), (515, 2880), (543, 2922), (582, 2994), (593, 3018), (638, 3117), (643, 3132), (663, 3156), (665, 3162), (786, 3330), (915, 3480), (927, 3501), (980, 3564), (992, 3591), (1064, 3699), (1096, 3738), (1112, 3759), (1116, 3765), (1130, 3783), (1217, 3879), (1251, 3939), (1300, 4017),

Gene: Sarshaun_4 Start: 1069, Stop: 2637, Start Num: 149
Candidate Starts for Sarshaun_4:
(Start: 149 @1069 has 70 MA's), (Start: 155 @1075 has 82 MA's), (271, 1231), (484, 1528), (488, 1534), (533, 1594), (582, 1666), (585, 1672), (636, 1792), (659, 1840), (684, 1894), (700, 1918), (728, 1963), (733, 1969), (753, 1999), (757, 2005), (777, 2032), (782, 2041), (848, 2098), (855, 2104), (873, 2125), (876, 2131), (925, 2206), (927, 2209), (963, 2245), (990, 2290), (1031, 2356), (1093, 2431),

(1114, 2449), (1118, 2458), (1241, 2605), (1252, 2629), (1254, 2632),

Gene: Saskia_12 Start: 8024, Stop: 9787, Start Num: 103
Candidate Starts for Saskia_12:
(17, 7775), (Start: 103 @8024 has 278 MA's), (Start: 123 @8045 has 9 MA's), (Start: 206 @8132 has 29 MA's), (288, 8261), (309, 8285), (350, 8348), (445, 8492), (473, 8543), (476, 8546), (558, 8657), (569, 8681), (571, 8684), (593, 8747), (596, 8756), (603, 8771), (663, 8888), (673, 8903), (701, 8963), (751, 9047), (864, 9188), (920, 9275), (928, 9287), (980, 9335), (988, 9350), (1007, 9389), (1026, 9410), (1049, 9449), (1086, 9494), (1096, 9506), (1269, 9743), (1290, 9770),

Gene: Sassafras_2 Start: 571, Stop: 2208, Start Num: 126
Candidate Starts for Sassafras_2:
(Start: 126 @571 has 206 MA's), (133, 580), (Start: 147 @595 has 3 MA's), (Start: 217 @652 has 209 MA's), (Start: 219 @655 has 2 MA's), (271, 718), (310, 757), (372, 844), (419, 904), (433, 916), (442, 928), (445, 937), (447, 940), (454, 961), (467, 982), (519, 1054), (543, 1093), (580, 1162), (584, 1168), (597, 1198), (598, 1201), (603, 1210), (612, 1225), (621, 1243), (638, 1294), (689, 1387), (695, 1396), (845, 1567), (859, 1579), (915, 1663), (934, 1693), (937, 1696), (940, 1699), (988, 1756), (993, 1771), (995, 1777), (996, 1780), (1007, 1795), (1020, 1804), (1062, 1873), (1082, 1903), (1084, 1912), (1112, 1945), (1140, 1978), (1176, 2005), (1202, 2038), (1222, 2068), (1235, 2089), (1246, 2113), (1251, 2122), (1253, 2125), (1284, 2182),

Gene: SassyB_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for SassyB_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: SaturnRing_11 Start: 6496, Stop: 8193, Start Num: 102
Candidate Starts for SaturnRing_11:
(Start: 102 @6496 has 391 MA's), (Start: 126 @6520 has 206 MA's), (174, 6568), (363, 6766), (406, 6829), (465, 6940), (476, 6952), (503, 6991), (518, 7003), (558, 7060), (569, 7084), (593, 7150), (596, 7159), (634, 7240), (643, 7267), (720, 7405), (778, 7492), (798, 7525), (864, 7591), (915, 7666), (928, 7690), (930, 7693), (936, 7699), (943, 7708), (980, 7741), (988, 7756), (1026, 7816), (1096, 7912), (1130, 7957), (1134, 7966), (1253, 8119), (1269, 8149), (1292, 8179), (1294, 8182),

Gene: Savage_2 Start: 318, Stop: 1889, Start Num: 134
Candidate Starts for Savage_2:
(Start: 134 @318 has 105 MA's), (251, 426), (281, 474), (313, 504), (332, 537), (397, 621), (402, 630), (431, 666), (461, 726), (550, 816), (596, 912), (607, 936), (630, 978), (654, 1032), (679, 1071), (736, 1137), (741, 1149), (760, 1179), (783, 1212), (837, 1293), (873, 1338), (876, 1344), (895, 1365), (950, 1455), (986, 1500), (989, 1506), (1003, 1536), (1005, 1539), (1044, 1593), (1078, 1629), (1120, 1680), (1162, 1740), (1164, 1743), (1200, 1785), (1266, 1872),

Gene: Savage2526_5 Start: 3127, Stop: 4692, Start Num: 155
Candidate Starts for Savage2526_5:
(Start: 155 @3127 has 82 MA's), (Start: 324 @3337 has 4 MA's), (325, 3340), (374, 3391), (409, 3457), (430, 3481), (573, 3697), (584, 3712), (586, 3718), (607, 3778), (640, 3850), (740, 3937), (759, 3967),

(768, 3982), (815, 4063), (880, 4141), (883, 4150), (905, 4186), (923, 4225), (953, 4258), (963, 4267), (977, 4294), (1020, 4348), (1044, 4390), (1111, 4435), (1126, 4456), (1141, 4480), (1222, 4558), (1308, 4678),

Gene: Sbash_2 Start: 488, Stop: 2038, Start Num: 229
Candidate Starts for Sbash_2:
(Start: 229 @488 has 1 MA's), (282, 566), (Start: 297 @584 has 2 MA's), (377, 677), (409, 740), (443, 785), (455, 818), (521, 914), (550, 950), (573, 989), (584, 1004), (596, 1043), (601, 1055), (609, 1073), (623, 1088), (636, 1127), (656, 1166), (713, 1268), (728, 1292), (839, 1454), (873, 1496), (902, 1535), (953, 1610), (977, 1640), (1020, 1709), (1021, 1712), (1047, 1754), (1109, 1844), (1134, 1880), (1144, 1895), (1201, 1952), (1207, 1961), (1210, 1967), (1217, 1979), (1226, 1988), (1243, 2015),

Gene: Scamander_3 Start: 1086, Stop: 2546, Start Num: 193
Candidate Starts for Scamander_3:
(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (744, 1881), (753, 1896), (777, 1932), (804, 1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: Scamp_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Scamp_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Scap1_7 Start: 2655, Stop: 4397, Start Num: 217
Candidate Starts for Scap1_7:
(Start: 217 @2655 has 209 MA's), (222, 2661), (252, 2709), (287, 2754), (393, 2940), (446, 3021), (458, 3051), (504, 3129), (525, 3150), (561, 3219), (604, 3321), (621, 3357), (653, 3447), (680, 3507), (728, 3606), (731, 3612), (804, 3735), (859, 3804), (967, 3945), (995, 4005), (1000, 4014), (1003, 4017), (1038, 4068), (1101, 4155), (1161, 4224), (1179, 4242), (1182, 4245), (1196, 4257), (1207, 4275), (1242, 4338), (1244, 4347), (1246, 4350),

Gene: Schaffner_2 Start: 545, Stop: 2242, Start Num: 101
Candidate Starts for Schaffner_2:
(12, 242), (Start: 101 @545 has 50 MA's), (Start: 224 @632 has 17 MA's), (444, 917), (476, 974), (503, 1016), (572, 1112), (596, 1166), (646, 1286), (699, 1376), (747, 1415), (915, 1661), (992, 1772), (1038, 1841), (1096, 1916), (1106, 1931), (1196, 2057), (1244, 2141), (1256, 2165),

Gene: Scherzo_13 Start: 8163, Stop: 9929, Start Num: 123
Candidate Starts for Scherzo_13:
(Start: 103 @8142 has 278 MA's), (Start: 117 @8157 has 12 MA's), (Start: 123 @8163 has 9 MA's), (Start: 231 @8274 has 26 MA's), (288, 8373), (406, 8535), (445, 8607), (476, 8661), (503, 8700), (558, 8772), (593, 8862), (603, 8886), (663, 9003), (673, 9018), (727, 9126), (776, 9201), (798, 9237), (837, 9297), (920, 9417), (936, 9438), (980, 9477), (1007, 9531), (1015, 9534), (1026, 9552), (1061, 9606), (1086, 9636), (1096, 9648), (1182, 9738), (1198, 9756), (1269, 9885), (1290, 9912), (1292, 9915),

Gene: Schiebs_2 Start: 487, Stop: 1824, Start Num: 290
Candidate Starts for Schiebs_2:
(Start: 202 @397 has 4 MA's), (Start: 290 @487 has 2 MA's), (Start: 297 @496 has 2 MA's), (Start: 314 @514 has 1 MA's), (323, 529), (338, 553), (381, 598), (397, 631), (404, 643), (430, 676), (459, 730),

(495, 772), (517, 802), (520, 805), (583, 886), (589, 910), (596, 931), (629, 994), (794, 1222), (840, 1282), (854, 1294), (863, 1306), (866, 1309), (876, 1324), (896, 1351), (898, 1354), (923, 1396), (968, 1447), (983, 1474), (986, 1480), (1044, 1564), (1047, 1570), (1126, 1666), (1134, 1681), (1154, 1699), (1191, 1747), (1199, 1759),

Gene: Schism_6 Start: 1957, Stop: 3657, Start Num: 197
Candidate Starts for Schism_6:
(145, 1900), (Start: 180 @1936 has 11 MA's), (Start: 197 @1957 has 23 MA's), (282, 2080), (Start: 300 @2101 has 12 MA's), (330, 2149), (377, 2194), (400, 2239), (409, 2257), (412, 2260), (414, 2263), (554, 2440), (607, 2554), (636, 2614), (643, 2635), (678, 2701), (768, 2866), (815, 2932), (829, 2947), (914, 3118), (953, 3166), (963, 3175), (986, 3217), (1015, 3250), (1038, 3289), (1096, 3331), (1126, 3373), (1182, 3421), (1203, 3448), (1205, 3451), (1208, 3457), (1222, 3478), (1246, 3520), (1318, 3646),

Gene: Schmidt_5 Start: 1915, Stop: 3552, Start Num: 135
Candidate Starts for Schmidt_5:
(Start: 119 @1897 has 3 MA's), (Start: 135 @1915 has 2 MA's), (Start: 219 @1987 has 2 MA's), (228, 1999), (Start: 300 @2089 has 12 MA's), (306, 2098), (377, 2182), (379, 2185), (380, 2188), (404, 2236), (430, 2269), (554, 2428), (584, 2476), (586, 2482), (625, 2566), (626, 2569), (627, 2572), (635, 2599), (636, 2602), (778, 2761), (803, 2809), (813, 2824), (825, 2839), (859, 2893), (887, 2941), (901, 2965), (920, 3007), (952, 3040), (962, 3049), (977, 3079), (998, 3109), (1015, 3127), (1020, 3133), (1038, 3166), (1062, 3199), (1133, 3304), (1165, 3331), (1169, 3337), (1229, 3412), (1266, 3475), (1303, 3523), (1316, 3544),

Gene: Schnabeltier_2 Start: 521, Stop: 2170, Start Num: 126
Candidate Starts for Schnabeltier_2:
(Start: 126 @521 has 206 MA's), (311, 719), (313, 722), (454, 932), (459, 941), (476, 962), (505, 1007), (607, 1190), (679, 1325), (736, 1391), (760, 1433), (835, 1547), (846, 1565), (854, 1568), (952, 1712), (962, 1721), (1031, 1832), (1044, 1850), (1111, 1922), (1135, 1958), (1178, 2012), (1220, 2072), (1249, 2123),

Gene: Schnauzer_2 Start: 501, Stop: 2036, Start Num: 231
Candidate Starts for Schnauzer_2:
(Start: 231 @501 has 26 MA's), (Start: 234 @504 has 29 MA's), (243, 516), (Start: 245 @519 has 1 MA's), (282, 576), (Start: 297 @594 has 2 MA's), (309, 606), (368, 678), (380, 696), (390, 714), (400, 735), (443, 798), (459, 837), (487, 870), (508, 918), (573, 1002), (584, 1017), (601, 1068), (605, 1077), (623, 1101), (636, 1140), (637, 1143), (641, 1155), (713, 1281), (728, 1305), (769, 1368), (830, 1452), (886, 1524), (902, 1548), (925, 1590), (930, 1599), (977, 1656), (995, 1695), (1033, 1752), (1041, 1758), (1047, 1761), (1079, 1782), (1109, 1830), (1134, 1866), (1207, 1947), (1210, 1953),

Gene: Schwartz33_17 Start: 10077, Stop: 11822, Start Num: 217
Candidate Starts for Schwartz33_17:
(Start: 217 @10077 has 209 MA's), (222, 10083), (287, 10176), (315, 10212), (343, 10266), (387, 10350), (504, 10551), (525, 10572), (561, 10641), (604, 10743), (628, 10800), (653, 10869), (680, 10929), (728, 11028), (731, 11034), (765, 11091), (804, 11157), (903, 11295), (949, 11352), (982, 11394), (991, 11418), (1000, 11439), (1003, 11442), (1182, 11670), (1196, 11682), (1244, 11772), (1246, 11775),

Gene: ScienceWizSam_8 Start: 3549, Stop: 5288, Start Num: 217
Candidate Starts for ScienceWizSam_8:
(Start: 217 @3549 has 209 MA's), (287, 3648), (426, 3867), (446, 3909), (458, 3939), (482, 3969), (504, 4017), (525, 4038), (580, 4140), (604, 4209), (616, 4233), (680, 4395), (713, 4470), (728, 4494), (804, 4623), (868, 4704), (949, 4818), (967, 4836), (970, 4842), (1000, 4905), (1003, 4908), (1136,

5097), (1146, 5112), (1163, 5118), (1182, 5136), (1196, 5148), (1244, 5238), (1246, 5241),

Gene: Scitech_2 Start: 504, Stop: 2036, Start Num: 234
Candidate Starts for Scitech_2:
(Start: 231 @501 has 26 MA's), (Start: 234 @504 has 29 MA's), (243, 516), (Start: 245 @519 has 1 MA's), (282, 576), (Start: 297 @594 has 2 MA's), (309, 606), (368, 678), (380, 696), (390, 714), (400, 735), (443, 798), (459, 837), (487, 870), (508, 918), (573, 1002), (584, 1017), (601, 1068), (605, 1077), (623, 1101), (636, 1140), (637, 1143), (641, 1155), (713, 1281), (728, 1305), (769, 1368), (830, 1452), (886, 1524), (902, 1548), (925, 1590), (930, 1599), (977, 1656), (995, 1695), (1033, 1752), (1041, 1758), (1047, 1761), (1079, 1782), (1109, 1830), (1134, 1866), (1207, 1947), (1210, 1953),

Gene: Scorpia_10 Start: 5985, Stop: 7736, Start Num: 63
Candidate Starts for Scorpia_10:
(Start: 53 @5958 has 20 MA's), (Start: 63 @5985 has 32 MA's), (Start: 105 @6045 has 1 MA's), (114, 6054), (Start: 154 @6093 has 1 MA's), (Start: 231 @6174 has 26 MA's), (350, 6306), (406, 6381), (407, 6384), (521, 6558), (593, 6690), (613, 6735), (643, 6813), (646, 6819), (743, 6984), (763, 7017), (778, 7038), (915, 7212), (928, 7236), (1007, 7338), (1026, 7359), (1061, 7413), (1086, 7443), (1096, 7455), (1134, 7509), (1267, 7689), (1269, 7692), (1294, 7725), (1299, 7731),

Gene: Scotia_4 Start: 2180, Stop: 3946, Start Num: 198
Candidate Starts for Scotia_4:
(Start: 198 @2180 has 6 MA's), (280, 2303), (283, 2306), (340, 2381), (349, 2408), (379, 2450), (426, 2519), (442, 2552), (447, 2564), (510, 2660), (590, 2807), (663, 2942), (665, 2948), (702, 3029), (723, 3056), (725, 3059), (926, 3374), (946, 3404), (989, 3482), (1115, 3677), (1122, 3689), (1177, 3764), (1185, 3773), (1201, 3791), (1293, 3935),

Gene: Scottish_2 Start: 571, Stop: 2208, Start Num: 126
Candidate Starts for Scottish_2:
(Start: 126 @571 has 206 MA's), (133, 580), (Start: 147 @595 has 3 MA's), (Start: 217 @652 has 209 MA's), (Start: 219 @655 has 2 MA's), (271, 718), (310, 757), (372, 844), (419, 904), (433, 916), (442, 928), (445, 937), (447, 940), (454, 961), (467, 982), (519, 1054), (543, 1093), (580, 1162), (584, 1168), (597, 1198), (598, 1201), (603, 1210), (612, 1225), (621, 1243), (638, 1294), (689, 1387), (695, 1396), (845, 1567), (859, 1579), (915, 1663), (934, 1693), (937, 1696), (940, 1699), (988, 1756), (993, 1771), (995, 1777), (996, 1780), (1007, 1795), (1020, 1804), (1062, 1873), (1082, 1903), (1084, 1912), (1112, 1945), (1140, 1978), (1176, 2005), (1202, 2038), (1222, 2068), (1235, 2089), (1246, 2113), (1251, 2122), (1253, 2125), (1284, 2182),

Gene: Scout_11 Start: 5791, Stop: 7488, Start Num: 102
Candidate Starts for Scout_11:
(Start: 102 @5791 has 391 MA's), (174, 5863), (363, 6061), (465, 6235), (476, 6247), (503, 6286), (518, 6298), (558, 6355), (569, 6379), (593, 6445), (596, 6454), (634, 6535), (720, 6700), (763, 6766), (778, 6787), (791, 6811), (798, 6820), (864, 6886), (915, 6961), (928, 6985), (930, 6988), (936, 6994), (943, 7003), (988, 7051), (1007, 7090), (1026, 7111), (1096, 7207), (1130, 7252), (1134, 7261), (1253, 7414), (1269, 7444), (1292, 7474), (1294, 7477),

Gene: Scowl_12 Start: 7525, Stop: 9213, Start Num: 102
Candidate Starts for Scowl_12:
(Start: 102 @7525 has 391 MA's), (363, 7789), (379, 7813), (476, 7975), (500, 8008), (558, 8083), (593, 8173), (603, 8197), (621, 8224), (637, 8272), (679, 8341), (720, 8428), (760, 8488), (930, 8713), (939, 8722), (952, 8734), (988, 8776), (995, 8797), (1020, 8824), (1096, 8932), (1182, 9022), (1246, 9127),

Gene: Scrunchy_3 Start: 1086, Stop: 2546, Start Num: 193

Candidate Starts for Scrunchy_3:
(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (744, 1881), (753, 1896), (777, 1932), (804, 1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: Scuba_33 Start: 13019, Stop: 14698, Start Num: 123
Candidate Starts for Scuba_33:
(Start: 123 @13019 has 9 MA's), (129, 13025), (Start: 231 @13130 has 26 MA's), (270, 13172), (319, 13229), (361, 13298), (365, 13307), (416, 13379), (445, 13418), (482, 13478), (597, 13679), (621, 13724), (695, 13874), (699, 13886), (937, 14180), (959, 14213), (996, 14294), (1084, 14417), (1094, 14429), (1166, 14492), (1219, 14561), (1246, 14603), (1261, 14633), (1287, 14675), (1297, 14690),

Gene: Scuttle_5 Start: 3343, Stop: 4698, Start Num: 324
Candidate Starts for Scuttle_5:
(Start: 155 @3133 has 82 MA's), (Start: 324 @3343 has 4 MA's), (374, 3397), (404, 3454), (409, 3463), (430, 3487), (573, 3703), (584, 3718), (586, 3724), (607, 3784), (636, 3844), (740, 3943), (759, 3973), (768, 3988), (815, 4069), (880, 4147), (883, 4156), (905, 4192), (923, 4231), (953, 4264), (963, 4273), (977, 4300), (1020, 4354), (1044, 4396), (1111, 4441), (1126, 4462), (1141, 4486), (1222, 4564), (1308, 4684),

Gene: SeaLumen_2 Start: 652, Stop: 2208, Start Num: 217
Candidate Starts for SeaLumen_2:
(Start: 126 @571 has 206 MA's), (133, 580), (Start: 147 @595 has 3 MA's), (Start: 184 @628 has 3 MA's), (Start: 217 @652 has 209 MA's), (Start: 219 @655 has 2 MA's), (271, 718), (310, 757), (372, 844), (419, 904), (442, 928), (445, 937), (447, 940), (454, 961), (467, 982), (482, 997), (519, 1054), (543, 1093), (580, 1162), (584, 1168), (597, 1198), (598, 1201), (603, 1210), (612, 1225), (621, 1243), (638, 1294), (689, 1387), (695, 1396), (845, 1567), (859, 1579), (915, 1663), (934, 1693), (937, 1696), (940, 1699), (988, 1756), (993, 1771), (995, 1777), (996, 1780), (1007, 1795), (1020, 1804), (1062, 1873), (1082, 1903), (1084, 1912), (1112, 1945), (1130, 1963), (1140, 1978), (1176, 2005), (1202, 2038), (1219, 2065), (1222, 2068), (1235, 2089), (1246, 2113), (1251, 2122), (1253, 2125), (1284, 2182),

Gene: SeaWolves_3 Start: 1074, Stop: 2534, Start Num: 193
Candidate Starts for SeaWolves_3:
(Start: 193 @1074 has 146 MA's), (Start: 198 @1080 has 6 MA's), (325, 1242), (330, 1251), (377, 1311), (415, 1380), (431, 1401), (455, 1452), (606, 1656), (744, 1869), (753, 1884), (777, 1920), (804, 1962), (832, 1995), (840, 2013), (923, 2133), (925, 2136), (936, 2148), (990, 2223), (1031, 2286), (1044, 2304), (1045, 2307), (1186, 2469), (1199, 2478), (1205, 2487), (1232, 2526),

Gene: Seabastian_2 Start: 605, Stop: 2218, Start Num: 147
Candidate Starts for Seabastian_2:
(Start: 117 @578 has 12 MA's), (Start: 126 @581 has 206 MA's), (Start: 147 @605 has 3 MA's), (Start: 184 @638 has 3 MA's), (Start: 217 @662 has 209 MA's), (Start: 219 @665 has 2 MA's), (271, 728), (310, 767), (372, 854), (375, 860), (419, 914), (442, 938), (445, 947), (447, 950), (454, 971), (467, 992), (519, 1064), (543, 1103), (580, 1172), (584, 1178), (597, 1208), (598, 1211), (603, 1220), (612, 1235), (621, 1253), (638, 1304), (689, 1397), (695, 1406), (845, 1577), (859, 1589), (915, 1673), (934, 1703), (937, 1706), (940, 1709), (988, 1766), (993, 1781), (995, 1787), (996, 1790), (1007, 1805), (1020, 1814), (1062, 1883), (1082, 1913), (1084, 1922), (1112, 1955), (1140, 1988), (1176, 2015), (1202, 2048), (1214, 2069), (1219, 2075), (1222, 2078), (1235, 2099), (1246, 2123), (1251, 2132), (1253, 2135), (1284, 2192),

Gene: Seabiscuit_13 Start: 7054, Stop: 8742, Start Num: 102

Candidate Starts for Seabiscuit_13:
(Start: 102 @7054 has 391 MA's), (363, 7318), (379, 7342), (456, 7477), (476, 7504), (500, 7537), (558, 7612), (593, 7702), (603, 7726), (621, 7753), (637, 7801), (679, 7870), (720, 7957), (727, 7966), (760, 8017), (939, 8251), (952, 8263), (988, 8305), (995, 8326), (1020, 8353), (1096, 8461), (1182, 8551), (1246, 8656),

Gene: Seanderson_12 Start: 7498, Stop: 9186, Start Num: 102
Candidate Starts for Seanderson_12:
(Start: 102 @7498 has 391 MA's), (Start: 302 @7678 has 3 MA's), (363, 7762), (383, 7798), (406, 7825), (476, 7948), (558, 8056), (593, 8146), (603, 8170), (621, 8197), (637, 8245), (679, 8314), (714, 8389), (720, 8401), (760, 8461), (930, 8686), (939, 8695), (952, 8707), (988, 8749), (995, 8770), (1020, 8797), (1096, 8905), (1182, 8995), (1246, 9100),

Gene: Sebastisaurus_2 Start: 597, Stop: 2150, Start Num: 304
Candidate Starts for Sebastisaurus_2:
(Start: 304 @597 has 4 MA's), (349, 669), (445, 816), (450, 825), (479, 873), (485, 885), (535, 954), (548, 978), (564, 1008), (570, 1017), (591, 1062), (603, 1092), (620, 1113), (632, 1146), (655, 1191), (667, 1203), (697, 1266), (718, 1296), (764, 1356), (903, 1551), (905, 1554), (944, 1623), (972, 1674), (973, 1680), (978, 1689), (989, 1713), (995, 1731), (1062, 1833), (1064, 1836), (1076, 1854), (1101, 1881), (1134, 1929), (1203, 2010), (1219, 2034), (1226, 2037), (1263, 2112), (1281, 2133),

Gene: Secretariat_13 Start: 7676, Stop: 9421, Start Num: 217
Candidate Starts for Secretariat_13:
(81, 7514), (Start: 217 @7676 has 209 MA's), (222, 7682), (287, 7775), (315, 7811), (343, 7865), (357, 7898), (426, 8000), (504, 8150), (525, 8171), (561, 8240), (604, 8342), (628, 8399), (653, 8468), (680, 8528), (728, 8627), (731, 8633), (765, 8690), (804, 8756), (921, 8915), (940, 8942), (949, 8951), (961, 8957), (982, 8993), (991, 9017), (1000, 9038), (1003, 9041), (1038, 9092), (1182, 9269), (1196, 9281), (1244, 9371), (1246, 9374),

Gene: Sekhmet_3 Start: 820, Stop: 2379, Start Num: 134
Candidate Starts for Sekhmet_3:
(86, 760), (Start: 134 @820 has 105 MA's), (251, 928), (313, 1006), (332, 1039), (396, 1120), (397, 1123), (402, 1132), (431, 1168), (461, 1228), (550, 1318), (552, 1321), (573, 1357), (596, 1414), (599, 1423), (607, 1438), (642, 1510), (647, 1522), (679, 1573), (736, 1639), (760, 1681), (806, 1750), (810, 1756), (837, 1795), (855, 1816), (876, 1846), (895, 1867), (918, 1912), (950, 1948), (952, 1951), (986, 1993), (1078, 2122), (1120, 2173), (1214, 2302), (1266, 2362),

Gene: SemperFi_14 Start: 7814, Stop: 9601, Start Num: 103
Candidate Starts for SemperFi_14:
(Start: 103 @7814 has 278 MA's), (Start: 206 @7922 has 29 MA's), (226, 7943), (288, 8051), (406, 8213), (473, 8333), (476, 8336), (558, 8444), (593, 8534), (603, 8558), (663, 8675), (673, 8690), (857, 8990), (992, 9176), (1007, 9203), (1026, 9224), (1096, 9320), (1269, 9557), (1290, 9584), (1292, 9587),

Gene: SendItCS_7 Start: 3414, Stop: 5153, Start Num: 217
Candidate Starts for SendItCS_7:
(Start: 214 @3411 has 4 MA's), (Start: 217 @3414 has 209 MA's), (222, 3420), (252, 3468), (Start: 255 @3471 has 1 MA's), (280, 3507), (287, 3513), (Start: 366 @3651 has 1 MA's), (387, 3687), (393, 3699), (504, 3882), (525, 3903), (574, 3996), (580, 4005), (596, 4056), (604, 4074), (728, 4359), (804, 4488), (859, 4557), (921, 4647), (940, 4674), (967, 4701), (1000, 4770), (1003, 4773), (1031, 4815), (1038, 4824), (1131, 4953), (1161, 4980), (1182, 5001), (1196, 5013), (1207, 5031), (1244, 5103), (1246, 5106), (1253, 5118),

Gene: SenorClean_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for SenorClean_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Sephiroth_13 Start: 5118, Stop: 6593, Start Num: 234
Candidate Starts for Sephiroth_13:
(Start: 234 @5118 has 29 MA's), (332, 5265), (374, 5304), (381, 5316), (453, 5439), (454, 5445), (508, 5526), (550, 5580), (552, 5583), (586, 5640), (599, 5682), (605, 5694), (623, 5718), (631, 5742), (646, 5784), (757, 5964), (790, 6006), (869, 6087), (902, 6132), (912, 6156), (952, 6201), (990, 6261), (1033, 6324), (1038, 6330), (1102, 6402), (1118, 6420), (1132, 6438), (1217, 6537), (1230, 6555), (1245, 6585),

Gene: Serenabean_12 Start: 7437, Stop: 9197, Start Num: 219
Candidate Starts for Serenabean_12:
(Start: 214 @7431 has 4 MA's), (Start: 219 @7437 has 2 MA's), (287, 7533), (431, 7773), (449, 7809), (458, 7833), (483, 7866), (504, 7911), (525, 7932), (574, 8025), (584, 8040), (596, 8085), (604, 8103), (621, 8139), (653, 8229), (680, 8289), (728, 8388), (770, 8460), (804, 8517), (859, 8601), (868, 8613), (967, 8745), (990, 8790), (1000, 8814), (1003, 8817), (1068, 8910), (1111, 8967), (1182, 9045), (1196, 9057), (1226, 9105), (1246, 9150),

Gene: Serenity_11 Start: 6379, Stop: 8160, Start Num: 103
Candidate Starts for Serenity_11:
(Start: 103 @6379 has 278 MA's), (Start: 239 @6523 has 2 MA's), (262, 6568), (288, 6610), (309, 6634), (350, 6697), (388, 6751), (473, 6892), (476, 6895), (503, 6934), (558, 7003), (593, 7093), (603, 7117), (671, 7246), (673, 7249), (835, 7522), (1007, 7762), (1026, 7783), (1086, 7867), (1096, 7879), (1269, 8116), (1290, 8143), (1292, 8146), (1294, 8149),

Gene: Sergei_2 Start: 428, Stop: 1993, Start Num: 155
Candidate Starts for Sergei_2:
(Start: 155 @428 has 82 MA's), (Start: 297 @599 has 2 MA's), (374, 692), (380, 701), (396, 734), (404, 749), (409, 758), (430, 782), (455, 836), (542, 947), (584, 1013), (586, 1019), (607, 1079), (636, 1139), (647, 1169), (759, 1268), (880, 1442), (883, 1451), (905, 1487), (908, 1493), (925, 1529), (962, 1565), (980, 1598), (1006, 1637), (1015, 1643), (1143, 1784), (1222, 1859), (1272, 1940), (1308, 1979),

Gene: Severus_10 Start: 4781, Stop: 6472, Start Num: 102
Candidate Starts for Severus_10:
(Start: 102 @4781 has 391 MA's), (Start: 126 @4805 has 206 MA's), (Start: 239 @4928 has 2 MA's), (320, 4997), (350, 5048), (363, 5060), (388, 5102), (406, 5123), (450, 5201), (476, 5246), (503, 5285), (543, 5333), (558, 5354), (569, 5378), (593, 5429), (646, 5552), (732, 5699), (769, 5759), (798, 5804), (913, 5942), (915, 5945), (963, 5999), (988, 6035), (1007, 6074), (1026, 6095), (1096, 6191), (1144, 6260), (1269, 6428), (1292, 6458), (1294, 6461),

Gene: Shaboozey_6 Start: 2259, Stop: 3791, Start Num: 232
Candidate Starts for Shaboozey_6:
(159, 2175), (Start: 196 @2217 has 1 MA's), (207, 2226), (Start: 232 @2259 has 12 MA's), (323, 2373), (380, 2469), (381, 2472), (404, 2517), (452, 2592), (550, 2703), (552, 2706), (573, 2742), (588, 2775), (713, 3024), (767, 3087), (783, 3114), (810, 3159), (900, 3273), (918, 3309), (952, 3339), (962, 3348), (990, 3402), (1000, 3426), (1186, 3660), (1202, 3672),

Gene: ShaggyRogers_17 Start: 10300, Stop: 12045, Start Num: 217
Candidate Starts for ShaggyRogers_17:
(Start: 217 @10300 has 209 MA's), (222, 10306), (280, 10393), (287, 10399), (315, 10435), (343, 10489), (376, 10552), (446, 10666), (469, 10711), (504, 10774), (525, 10795), (561, 10864), (604, 10966), (647, 11080), (653, 11092), (680, 11152), (728, 11251), (731, 11257), (765, 11314), (804, 11380), (949, 11575), (982, 11617), (991, 11641), (1000, 11662), (1003, 11665), (1182, 11893), (1196, 11905), (1244, 11995), (1246, 11998),

Gene: Shagrat_8 Start: 5149, Stop: 6693, Start Num: 221
Candidate Starts for Shagrat_8:
(Start: 221 @5149 has 5 MA's), (457, 5524), (586, 5680), (588, 5692), (591, 5698), (601, 5725), (605, 5734), (627, 5776), (767, 6013), (819, 6088), (900, 6193), (918, 6229), (963, 6286), (989, 6334), (1003, 6364), (1069, 6466), (1118, 6532), (1158, 6583), (1224, 6652),

Gene: Shaka_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Shaka_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: ShakeItOph_2 Start: 550, Stop: 2277, Start Num: 103
Candidate Starts for ShakeItOph_2:
(61, 490), (Start: 103 @550 has 278 MA's), (Start: 224 @661 has 17 MA's), (430, 925), (434, 934), (462, 985), (476, 1003), (512, 1051), (572, 1144), (930, 1720), (1038, 1873), (1096, 1948), (1106, 1963), (1196, 2092), (1256, 2200), (1298, 2263),

Gene: Sham4_12 Start: 8027, Stop: 9790, Start Num: 103
Candidate Starts for Sham4_12:
(Start: 103 @8027 has 278 MA's), (Start: 123 @8048 has 9 MA's), (Start: 206 @8135 has 29 MA's), (288, 8264), (309, 8288), (350, 8351), (445, 8495), (473, 8546), (476, 8549), (558, 8660), (569, 8684), (571, 8687), (593, 8750), (596, 8759), (603, 8774), (663, 8891), (673, 8906), (701, 8966), (751, 9050), (920, 9278), (928, 9290), (980, 9338), (988, 9353), (1007, 9392), (1026, 9413), (1049, 9452), (1086, 9497), (1096, 9509), (1269, 9746), (1290, 9773),

Gene: Shambre1_3 Start: 1934, Stop: 3703, Start Num: 198
Candidate Starts for Shambre1_3:
(86, 1796), (Start: 142 @1868 has 1 MA's), (Start: 198 @1934 has 6 MA's), (280, 2054), (283, 2057), (309, 2087), (316, 2096), (Start: 329 @2120 has 15 MA's), (351, 2162), (385, 2216), (426, 2270), (452, 2327), (536, 2450), (546, 2468), (567, 2504), (664, 2696), (694, 2759), (723, 2807), (755, 2855), (773, 2882), (885, 3053), (897, 3065), (1088, 3398), (1092, 3404), (1094, 3407), (1115, 3434), (1122, 3446), (1177, 3521), (1185, 3530), (1187, 3533), (1198, 3542),

Gene: Shapes_14 Start: 6755, Stop: 8446, Start Num: 102
Candidate Starts for Shapes_14:
(Start: 102 @6755 has 391 MA's), (Start: 126 @6779 has 206 MA's), (Start: 239 @6902 has 2 MA's), (316, 6968), (350, 7022), (363, 7034), (390, 7079), (426, 7133), (443, 7160), (450, 7175), (476, 7220), (503, 7259), (543, 7307), (558, 7328), (569, 7352), (593, 7403), (646, 7526), (732, 7673), (769, 7733), (798, 7778), (864, 7844), (915, 7919), (928, 7943), (988, 8009), (1026, 8069), (1096, 8165), (1134, 8219), (1269, 8402), (1292, 8432), (1294, 8435),

Gene: Sharkboy_3 Start: 943, Stop: 2562, Start Num: 211

Candidate Starts for Sharkboy_3:
(4, 409), (Start: 205 @937 has 7 MA's), (Start: 211 @943 has 88 MA's), (330, 1099), (400, 1189), (409, 1207), (426, 1222), (459, 1291), (479, 1315), (489, 1333), (554, 1390), (585, 1441), (586, 1444), (607, 1504), (623, 1525), (632, 1552), (642, 1582), (873, 1921), (962, 2044), (1196, 2359), (1222, 2398), (1304, 2515),

Gene: Shauna1_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Shauna1_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Shawty_2 Start: 588, Stop: 2165, Start Num: 299
Candidate Starts for Shawty_2:
(Start: 299 @588 has 3 MA's), (423, 771), (424, 774), (450, 825), (452, 831), (479, 873), (485, 885), (535, 954), (548, 978), (550, 981), (564, 1008), (578, 1029), (591, 1062), (617, 1107), (632, 1146), (655, 1191), (664, 1197), (764, 1356), (833, 1467), (865, 1512), (903, 1557), (905, 1560), (972, 1680), (973, 1686), (1062, 1839), (1203, 2016), (1226, 2043), (1260, 2115), (1289, 2160),

Gene: ShayRa_15 Start: 6808, Stop: 8505, Start Num: 103
Candidate Starts for ShayRa_15:
(Start: 103 @6808 has 278 MA's), (121, 6826), (292, 6988), (445, 7213), (476, 7267), (558, 7375), (571, 7402), (593, 7465), (603, 7489), (928, 8005), (988, 8068), (1015, 8110), (1096, 8224), (1196, 8329), (1269, 8461), (1290, 8488), (1292, 8491), (1294, 8494),

Gene: Shayna_2 Start: 648, Stop: 2282, Start Num: 211
Candidate Starts for Shayna_2:
(Start: 211 @648 has 88 MA's), (282, 738), (306, 765), (409, 912), (459, 996), (491, 1041), (545, 1086), (554, 1095), (607, 1209), (632, 1257), (642, 1287), (649, 1302), (698, 1383), (896, 1671), (1222, 2115), (1249, 2163), (1318, 2271),

Gene: SheRa_7 Start: 2653, Stop: 4398, Start Num: 217
Candidate Starts for SheRa_7:
(Start: 217 @2653 has 209 MA's), (222, 2659), (252, 2707), (280, 2746), (287, 2752), (458, 3049), (504, 3127), (523, 3145), (525, 3148), (561, 3217), (580, 3250), (604, 3319), (616, 3343), (639, 3412), (680, 3505), (731, 3610), (804, 3733), (859, 3805), (967, 3946), (1000, 4015), (1003, 4018), (1101, 4156), (1161, 4225), (1182, 4246), (1184, 4249), (1196, 4258), (1207, 4276), (1226, 4306), (1244, 4348), (1246, 4351),

Gene: SheaKeira_12 Start: 6325, Stop: 8097, Start Num: 117
Candidate Starts for SheaKeira_12:
(Start: 103 @6310 has 278 MA's), (Start: 117 @6325 has 12 MA's), (Start: 123 @6331 has 9 MA's), (Start: 231 @6442 has 26 MA's), (288, 6541), (406, 6703), (445, 6775), (476, 6829), (503, 6868), (558, 6940), (587, 7012), (593, 7030), (603, 7054), (663, 7171), (673, 7186), (727, 7294), (776, 7369), (837, 7465), (869, 7501), (936, 7606), (980, 7645), (992, 7672), (1007, 7699), (1015, 7702), (1026, 7720), (1061, 7774), (1086, 7804), (1096, 7816), (1182, 7906), (1198, 7924), (1269, 8053), (1290, 8080), (1292, 8083),

Gene: SheckWes_3 Start: 948, Stop: 2573, Start Num: 224
Candidate Starts for SheckWes_3:
(Start: 176 @897 has 83 MA's), (Start: 224 @948 has 17 MA's), (237, 969), (295, 1014), (434, 1221), (450, 1254), (468, 1290), (476, 1299), (480, 1302), (500, 1335), (507, 1350), (572, 1449), (582, 1470), (597, 1506), (607, 1527), (628, 1563), (654, 1629), (687, 1683), (791, 1863), (814, 1896), (890, 1962), (917, 2028), (920, 2034), (1038, 2199), (1061, 2232), (1116, 2301), (1196, 2379), (1198, 2382), (1249, 2472), (1253, 2478), (1265, 2499), (1311, 2559), (1313, 2562),

Gene: Sheen_13 Start: 8359, Stop: 10059, Start Num: 102
Candidate Starts for Sheen_13:
(Start: 102 @8359 has 391 MA's), (Start: 166 @8422 has 2 MA's), (320, 8566), (339, 8596), (363, 8629), (406, 8692), (476, 8815), (489, 8830), (558, 8923), (569, 8947), (593, 9013), (673, 9169), (720, 9268), (778, 9355), (798, 9388), (855, 9442), (866, 9457), (913, 9526), (915, 9529), (928, 9553), (992, 9631), (1096, 9775), (1130, 9820), (1198, 9883), (1253, 9982), (1269, 10012), (1292, 10045),

Gene: SheldonCooper_11 Start: 6862, Stop: 8559, Start Num: 102
Candidate Starts for SheldonCooper_11:
(Start: 102 @6862 has 391 MA's), (Start: 126 @6886 has 206 MA's), (Start: 239 @7009 has 2 MA's), (339, 7099), (363, 7132), (473, 7315), (476, 7318), (503, 7357), (558, 7426), (569, 7450), (593, 7516), (634, 7606), (720, 7771), (778, 7858), (798, 7891), (864, 7957), (913, 8029), (915, 8032), (928, 8056), (980, 8107), (988, 8122), (1007, 8161), (1026, 8182), (1096, 8278), (1269, 8515), (1292, 8545), (1294, 8548),

Gene: Shen_4 Start: 958, Stop: 2538, Start Num: 224
Candidate Starts for Shen_4:
(Start: 164 @892 has 12 MA's), (Start: 224 @958 has 17 MA's), (Start: 300 @1054 has 12 MA's), (306, 1063), (Start: 314 @1072 has 1 MA's), (355, 1117), (374, 1144), (381, 1156), (401, 1195), (409, 1210), (430, 1234), (443, 1255), (587, 1456), (607, 1507), (636, 1567), (643, 1588), (674, 1648), (687, 1678), (698, 1687), (744, 1750), (905, 1978), (923, 2017), (949, 2044), (963, 2059), (980, 2089), (1014, 2128), (1063, 2206), (1093, 2236), (1114, 2263), (1246, 2446), (1249, 2452), (1259, 2473), (1306, 2527),

Gene: Sheng711_4 Start: 771, Stop: 2333, Start Num: 149
Candidate Starts for Sheng711_4:
(Start: 149 @771 has 70 MA's), (Start: 155 @777 has 82 MA's), (271, 927), (Start: 324 @993 has 4 MA's), (348, 1023), (374, 1047), (382, 1062), (404, 1104), (488, 1230), (585, 1368), (591, 1389), (599, 1413), (636, 1488), (659, 1536), (700, 1614), (713, 1635), (728, 1659), (733, 1665), (753, 1695), (757, 1701), (782, 1737), (876, 1827), (953, 1932), (963, 1941), (980, 1965), (990, 1986), (1031, 2052), (1118, 2154), (1224, 2274), (1228, 2280), (1241, 2301), (1252, 2325),

Gene: Shep_11 Start: 5746, Stop: 7443, Start Num: 102
Candidate Starts for Shep_11:
(Start: 102 @5746 has 391 MA's), (174, 5818), (363, 6016), (465, 6190), (476, 6202), (503, 6241), (518, 6253), (558, 6310), (569, 6334), (593, 6400), (596, 6409), (634, 6490), (720, 6655), (763, 6721), (778, 6742), (791, 6766), (798, 6775), (864, 6841), (915, 6916), (928, 6940), (930, 6943), (936, 6949), (943, 6958), (988, 7006), (1007, 7045), (1026, 7066), (1096, 7162), (1130, 7207), (1134, 7216), (1253, 7369), (1269, 7399), (1292, 7429), (1294, 7432),

Gene: Shepard_7 Start: 3531, Stop: 5270, Start Num: 217
Candidate Starts for Shepard_7:
(Start: 211 @3525 has 88 MA's), (Start: 217 @3531 has 209 MA's), (287, 3630), (353, 3750), (426, 3849), (458, 3921), (504, 3999), (525, 4020), (580, 4122), (604, 4191), (616, 4215), (619, 4224), (680, 4377), (713, 4452), (728, 4476), (791, 4581), (804, 4605), (868, 4686), (949, 4800), (967, 4818), (970,

4824), (991, 4866), (1000, 4887), (1003, 4890), (1131, 5070), (1146, 5094), (1182, 5118), (1196, 5130), (1207, 5148), (1244, 5220), (1246, 5223),

Gene: ShiLan_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for ShiLan_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 184 @629 has 3 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (310, 758), (372, 845), (419, 905), (433, 917), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (689, 1388), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1042, 1844), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1140, 1979), (1176, 2006), (1202, 2039), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: Shiba_8 Start: 3618, Stop: 5366, Start Num: 217
Candidate Starts for Shiba_8:
(Start: 200 @3600 has 5 MA's), (Start: 217 @3618 has 209 MA's), (280, 3711), (287, 3717), (325, 3774), (353, 3837), (458, 4014), (504, 4092), (525, 4113), (580, 4215), (604, 4284), (611, 4299), (628, 4341), (680, 4470), (713, 4545), (728, 4569), (791, 4674), (804, 4698), (868, 4782), (949, 4896), (967, 4914), (1000, 4983), (1003, 4986), (1038, 5037), (1068, 5079), (1131, 5166), (1161, 5193), (1182, 5214), (1196, 5226), (1207, 5244), (1246, 5319),

Gene: Shipwreck_2 Start: 401, Stop: 2077, Start Num: 134
Candidate Starts for Shipwreck_2:
(Start: 134 @401 has 105 MA's), (313, 617), (338, 656), (360, 713), (362, 719), (373, 737), (397, 782), (404, 794), (409, 803), (414, 809), (451, 866), (459, 887), (467, 899), (541, 989), (636, 1178), (702, 1274), (736, 1325), (837, 1478), (984, 1676), (989, 1685), (1000, 1712), (1031, 1754), (1044, 1772), (1118, 1856), (1130, 1871), (1269, 2060),

Gene: Shlim410_2 Start: 318, Stop: 1901, Start Num: 134
Candidate Starts for Shlim410_2:
(Start: 134 @318 has 105 MA's), (251, 426), (313, 504), (332, 537), (396, 618), (397, 621), (402, 630), (431, 666), (461, 726), (550, 816), (552, 819), (573, 855), (596, 912), (599, 921), (607, 936), (642, 1008), (647, 1020), (679, 1071), (736, 1137), (760, 1179), (837, 1293), (873, 1338), (876, 1344), (895, 1365), (950, 1455), (952, 1458), (986, 1500), (1003, 1536), (1005, 1539), (1031, 1575), (1044, 1593), (1078, 1629), (1120, 1680), (1164, 1743), (1200, 1785), (1228, 1827),

Gene: ShortQueendom_11 Start: 6640, Stop: 8328, Start Num: 102
Candidate Starts for ShortQueendom_11:
(Start: 102 @6640 has 391 MA's), (Start: 302 @6820 has 3 MA's), (363, 6904), (383, 6940), (476, 7090), (558, 7198), (593, 7288), (603, 7312), (637, 7387), (679, 7456), (720, 7543), (760, 7603), (939, 7837), (952, 7849), (988, 7891), (995, 7912), (1020, 7939), (1096, 8047), (1182, 8137), (1246, 8242),

Gene: ShowerHandel_2 Start: 573, Stop: 2210, Start Num: 126
Candidate Starts for ShowerHandel_2:
(Start: 126 @573 has 206 MA's), (133, 582), (Start: 147 @597 has 3 MA's), (Start: 176 @618 has 83 MA's), (Start: 217 @654 has 209 MA's), (Start: 219 @657 has 2 MA's), (Start: 231 @675 has 26 MA's), (271, 720), (310, 759), (372, 846), (419, 906), (442, 930), (445, 939), (447, 942), (454, 963), (467, 984), (482, 999), (519, 1056), (543, 1095), (580, 1164), (584, 1170), (597, 1200), (598, 1203), (603, 1212), (612, 1227), (621, 1245), (638, 1296), (689, 1389), (695, 1398), (845, 1569), (859, 1581), (915, 1665), (934, 1695), (937, 1698), (940, 1701), (988, 1758), (993, 1773), (995, 1779), (996, 1782), (1007, 1797), (1020, 1806), (1042, 1845), (1062, 1875), (1082, 1905), (1084, 1914), (1112, 1947), (1140, 1980), (1176, 2007), (1202, 2040), (1222, 2070), (1235, 2091), (1246, 2115), (1251, 2124), (1253, 2127),

(1284, 2184),

Gene: ShrimpFriedEgg_2 Start: 512, Stop: 2044, Start Num: 234
Candidate Starts for ShrimpFriedEgg_2:
(Start: 231 @509 has 26 MA's), (Start: 234 @512 has 29 MA's), (Start: 245 @527 has 1 MA's), (282, 584), (Start: 297 @602 has 2 MA's), (309, 614), (368, 686), (390, 722), (400, 743), (443, 806), (508, 926), (573, 1010), (601, 1076), (636, 1148), (637, 1151), (641, 1163), (713, 1289), (728, 1313), (769, 1376), (830, 1460), (873, 1517), (886, 1532), (930, 1607), (943, 1625), (1047, 1769), (1079, 1790), (1098, 1823), (1109, 1838), (1134, 1874), (1205, 1952), (1207, 1955), (1210, 1961),

Gene: ShroomBoi_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for ShroomBoi_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Shuman_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Shuman_8:
(Start: 104 @3156 has 125 MA's), (Start: 302 @3342 has 3 MA's), (350, 3414), (363, 3426), (379, 3450), (383, 3462), (476, 3615), (489, 3630), (536, 3690), (593, 3798), (621, 3855), (718, 4053), (729, 4071), (763, 4125), (892, 4269), (915, 4311), (936, 4344), (992, 4413), (1096, 4557), (1130, 4602), (1196, 4662), (1251, 4761), (1269, 4794), (1290, 4821), (1292, 4824), (1294, 4827),

Gene: Shweta_2 Start: 512, Stop: 2044, Start Num: 234
Candidate Starts for Shweta_2:
(Start: 231 @509 has 26 MA's), (Start: 234 @512 has 29 MA's), (Start: 245 @527 has 1 MA's), (282, 584), (Start: 297 @602 has 2 MA's), (309, 614), (323, 635), (Start: 324 @638 has 4 MA's), (368, 686), (400, 743), (443, 806), (508, 926), (573, 1010), (601, 1076), (636, 1148), (637, 1151), (641, 1163), (713, 1289), (728, 1313), (769, 1376), (830, 1460), (873, 1517), (886, 1532), (930, 1607), (943, 1625), (1047, 1769), (1079, 1790), (1098, 1823), (1109, 1838), (1134, 1874), (1205, 1952), (1207, 1955), (1210, 1961),

Gene: Shygu2_11 Start: 6887, Stop: 8584, Start Num: 102
Candidate Starts for Shygu2_11:
(Start: 102 @6887 has 391 MA's), (Start: 126 @6911 has 206 MA's), (363, 7157), (473, 7340), (476, 7343), (503, 7382), (558, 7451), (569, 7475), (593, 7541), (634, 7631), (720, 7796), (778, 7883), (798, 7916), (888, 8009), (915, 8057), (928, 8081), (988, 8147), (1007, 8186), (1026, 8207), (1096, 8303), (1267, 8537), (1269, 8540), (1292, 8570), (1294, 8573),

Gene: SiSi_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for SiSi_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 176 @617 has 83 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (Start: 231 @674 has 26 MA's), (271, 719), (310, 758), (372, 845), (419, 905), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (482, 998), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (689, 1388), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796),

(1020, 1805), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1140, 1979), (1176, 2006), (1202, 2039), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: Sibs6_13 Start: 7273, Stop: 8961, Start Num: 108
Candidate Starts for Sibs6_13:
(Start: 108 @7273 has 24 MA's), (292, 7444), (Start: 302 @7453 has 3 MA's), (363, 7537), (380, 7564), (383, 7573), (476, 7723), (500, 7756), (558, 7831), (593, 7921), (603, 7945), (621, 7972), (637, 8020), (720, 8176), (760, 8236), (930, 8461), (939, 8470), (952, 8482), (988, 8524), (995, 8545), (1020, 8572), (1096, 8680), (1182, 8770), (1246, 8875),

Gene: Sidious_2 Start: 318, Stop: 1901, Start Num: 134
Candidate Starts for Sidious_2:
(Start: 134 @318 has 105 MA's), (251, 426), (313, 504), (332, 537), (397, 621), (402, 630), (431, 666), (461, 726), (530, 798), (552, 819), (596, 912), (607, 936), (630, 978), (679, 1071), (736, 1137), (760, 1179), (810, 1254), (837, 1293), (873, 1338), (876, 1344), (895, 1365), (950, 1455), (952, 1458), (986, 1500), (989, 1506), (1005, 1539), (1031, 1575), (1044, 1593), (1078, 1629), (1111, 1665), (1118, 1677), (1120, 1680), (1164, 1743), (1200, 1785), (1228, 1827), (1247, 1857),

Gene: Silvafighter_2 Start: 501, Stop: 2036, Start Num: 231
Candidate Starts for Silvafighter_2:
(Start: 231 @501 has 26 MA's), (Start: 234 @504 has 29 MA's), (243, 516), (Start: 245 @519 has 1 MA's), (282, 576), (Start: 297 @594 has 2 MA's), (309, 606), (368, 678), (380, 696), (390, 714), (400, 735), (443, 798), (459, 837), (487, 870), (508, 918), (573, 1002), (584, 1017), (601, 1068), (605, 1077), (623, 1101), (636, 1140), (637, 1143), (641, 1155), (713, 1281), (728, 1305), (769, 1368), (830, 1452), (886, 1524), (902, 1548), (925, 1590), (930, 1599), (977, 1656), (995, 1695), (1033, 1752), (1041, 1758), (1047, 1761), (1079, 1782), (1109, 1830), (1134, 1866), (1207, 1947), (1210, 1953),

Gene: Silverleaf_4 Start: 1052, Stop: 2635, Start Num: 149
Candidate Starts for Silverleaf_4:
(Start: 149 @1052 has 70 MA's), (Start: 155 @1058 has 82 MA's), (284, 1229), (352, 1316), (374, 1334), (379, 1340), (396, 1376), (486, 1514), (488, 1517), (550, 1592), (582, 1646), (584, 1649), (585, 1652), (659, 1820), (684, 1874), (688, 1883), (700, 1898), (713, 1919), (737, 1958), (753, 1979), (757, 1985), (777, 2012), (808, 2054), (848, 2078), (866, 2096), (873, 2105), (876, 2111), (902, 2144), (918, 2177), (953, 2216), (962, 2222), (963, 2225), (990, 2270), (1031, 2336), (1069, 2387), (1087, 2402), (1093, 2411), (1111, 2426), (1114, 2429), (1207, 2531), (1224, 2558), (1252, 2609), (1254, 2612),

Gene: Silvy_2 Start: 504, Stop: 2036, Start Num: 234
Candidate Starts for Silvy_2:
(Start: 231 @501 has 26 MA's), (Start: 234 @504 has 29 MA's), (243, 516), (Start: 245 @519 has 1 MA's), (282, 576), (Start: 297 @594 has 2 MA's), (309, 606), (368, 678), (380, 696), (390, 714), (400, 735), (443, 798), (459, 837), (487, 870), (508, 918), (573, 1002), (584, 1017), (601, 1068), (605, 1077), (623, 1101), (636, 1140), (637, 1143), (641, 1155), (713, 1281), (728, 1305), (769, 1368), (830, 1452), (886, 1524), (902, 1548), (925, 1590), (930, 1599), (977, 1656), (995, 1695), (1033, 1752), (1041, 1758), (1047, 1761), (1079, 1782), (1109, 1830), (1134, 1866), (1207, 1947), (1210, 1953),

Gene: Simpliphy_9 Start: 2465, Stop: 4135, Start Num: 301
Candidate Starts for Simpliphy_9:
(Start: 301 @2465 has 48 MA's), (344, 2528), (479, 2762), (548, 2864), (632, 3044), (641, 3068), (650, 3086), (663, 3098), (694, 3161), (698, 3173), (725, 3218), (734, 3233), (784, 3311), (811, 3356), (845, 3410), (851, 3416), (917, 3530), (994, 3674), (1019, 3710), (1118, 3863), (1129, 3875), (1175, 3932), (1205, 3968), (1235, 4019), (1251, 4055), (1253, 4058), (1294, 4124),

Gene: Simpson_2 Start: 533, Stop: 2239, Start Num: 101

Candidate Starts for Simpson_2:
(Start: 101 @533 has 50 MA's), (444, 905), (476, 962), (512, 1010), (572, 1100), (596, 1154), (646, 1274), (699, 1364), (828, 1526), (915, 1649), (1096, 1904), (1106, 1919), (1144, 1973), (1196, 2054), (1244, 2138), (1256, 2162),

Gene: Sippinontea_3 Start: 1071, Stop: 2531, Start Num: 193
Candidate Starts for Sippinontea_3:
(Start: 193 @1071 has 146 MA's), (Start: 198 @1077 has 6 MA's), (325, 1239), (330, 1248), (377, 1308), (415, 1377), (431, 1398), (455, 1449), (606, 1653), (623, 1677), (669, 1788), (744, 1866), (753, 1881), (777, 1917), (804, 1959), (832, 1992), (840, 2010), (923, 2130), (925, 2133), (936, 2145), (990, 2220), (1031, 2283), (1044, 2301), (1045, 2304), (1186, 2466), (1199, 2475), (1232, 2523),

Gene: SirBeanington_3 Start: 677, Stop: 2305, Start Num: 211
Candidate Starts for SirBeanington_3:
(Start: 211 @677 has 88 MA's), (330, 833), (409, 941), (459, 1025), (479, 1049), (489, 1067), (554, 1124), (585, 1175), (586, 1178), (607, 1238), (622, 1256), (632, 1286), (642, 1316), (949, 1772), (963, 1787), (1222, 2138), (1249, 2186), (1318, 2294),

Gene: SirDuracell_8 Start: 1963, Stop: 3633, Start Num: 296
Candidate Starts for SirDuracell_8:
(Start: 296 @1963 has 11 MA's), (479, 2260), (548, 2362), (632, 2542), (641, 2566), (650, 2584), (663, 2596), (694, 2659), (698, 2671), (725, 2716), (734, 2731), (784, 2809), (811, 2854), (845, 2908), (851, 2914), (917, 3028), (946, 3076), (994, 3172), (1019, 3208), (1118, 3361), (1129, 3373), (1175, 3430), (1205, 3466), (1235, 3517), (1251, 3553), (1253, 3556), (1294, 3622),

Gene: Skadoosh_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Skadoosh_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Skelbel_2 Start: 534, Stop: 2240, Start Num: 101
Candidate Starts for Skelbel_2:
(Start: 101 @534 has 50 MA's), (Start: 224 @621 has 17 MA's), (444, 906), (476, 963), (491, 984), (512, 1011), (572, 1101), (596, 1155), (619, 1200), (646, 1275), (747, 1404), (800, 1488), (828, 1527), (915, 1650), (1038, 1830), (1061, 1863), (1096, 1905), (1106, 1920), (1196, 2055), (1217, 2091), (1251, 2151), (1256, 2163),

Gene: SketchMex_3 Start: 1110, Stop: 2789, Start Num: 176
Candidate Starts for SketchMex_3:
(Start: 176 @1110 has 83 MA's), (Start: 224 @1161 has 17 MA's), (237, 1182), (Start: 290 @1221 has 2 MA's), (350, 1308), (382, 1353), (394, 1374), (406, 1383), (443, 1455), (468, 1506), (476, 1515), (507, 1566), (572, 1665), (582, 1686), (596, 1719), (619, 1755), (687, 1899), (706, 1935), (729, 1974), (747, 2007), (778, 2055), (814, 2112), (863, 2145), (890, 2178), (917, 2244), (920, 2250), (971, 2316), (984, 2328), (1038, 2415), (1112, 2511), (1170, 2559), (1222, 2634), (1265, 2715), (1311, 2775), (1313, 2778),

Gene: SkiPole_13 Start: 7147, Stop: 8835, Start Num: 102
Candidate Starts for SkiPole_13:
(Start: 102 @7147 has 391 MA's), (363, 7411), (379, 7435), (476, 7597), (500, 7630), (558, 7705), (593, 7795), (603, 7819), (637, 7894), (720, 8050), (727, 8059), (758, 8107), (760, 8110), (939, 8344),

(952, 8356), (988, 8398), (995, 8419), (1020, 8446), (1096, 8554), (1182, 8644), (1246, 8749),

Gene: Skinny_15 Start: 4718, Stop: 6262, Start Num: 181
Candidate Starts for Skinny_15:
(Start: 181 @4718 has 21 MA's), (223, 4766), (323, 4907), (377, 4967), (454, 5105), (595, 5297), (700, 5507), (733, 5558), (782, 5630), (873, 5693), (893, 5717), (902, 5732), (939, 5792), (953, 5804), (988, 5864), (1003, 5897), (1028, 5930), (1045, 5957), (1090, 6005), (1228, 6191), (1241, 6212),

Gene: SkinnyPete_2 Start: 509, Stop: 2044, Start Num: 231
Candidate Starts for SkinnyPete_2:
(Start: 231 @509 has 26 MA's), (Start: 234 @512 has 29 MA's), (Start: 245 @527 has 1 MA's), (282, 584), (Start: 297 @602 has 2 MA's), (309, 614), (323, 635), (Start: 324 @638 has 4 MA's), (368, 686), (390, 722), (396, 737), (400, 743), (443, 806), (508, 926), (573, 1010), (601, 1076), (636, 1148), (637, 1151), (641, 1163), (713, 1289), (728, 1313), (769, 1376), (830, 1460), (873, 1517), (886, 1532), (930, 1607), (943, 1625), (1047, 1769), (1079, 1790), (1098, 1823), (1109, 1838), (1134, 1874), (1205, 1952), (1207, 1955), (1210, 1961),

Gene: Skipitt_11 Start: 7031, Stop: 8581, Start Num: 239
Candidate Starts for Skipitt_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Sknot_12 Start: 7484, Stop: 9271, Start Num: 103
Candidate Starts for Sknot_12:
(23, 7298), (49, 7400), (Start: 103 @7484 has 278 MA's), (Start: 206 @7592 has 29 MA's), (226, 7613), (288, 7721), (476, 8006), (558, 8114), (593, 8204), (603, 8228), (637, 8303), (663, 8345), (673, 8360), (913, 8744), (915, 8747), (1007, 8873), (1026, 8894), (1086, 8978), (1096, 8990), (1269, 9227), (1290, 9254), (1292, 9257), (1294, 9260), (1296, 9263),

Gene: Skylord_2 Start: 593, Stop: 2155, Start Num: 211
Candidate Starts for Skylord_2:
(Start: 211 @593 has 88 MA's), (Start: 297 @701 has 2 MA's), (330, 749), (409, 857), (414, 863), (426, 872), (429, 878), (430, 881), (485, 977), (554, 1040), (607, 1154), (636, 1214), (642, 1232), (791, 1460), (829, 1505), (914, 1643), (1189, 1970), (1310, 2144), (1314, 2147),

Gene: Skysand_26 Start: 13268, Stop: 14947, Start Num: 126
Candidate Starts for Skysand_26:
(Start: 126 @13268 has 206 MA's), (270, 13418), (319, 13475), (337, 13502), (346, 13514), (365, 13553), (384, 13586), (597, 13928), (612, 13955), (695, 14123), (699, 14135), (716, 14168), (798, 14246), (888, 14348), (959, 14462), (996, 14543), (1007, 14558), (1038, 14600), (1084, 14666), (1094, 14678), (1121, 14714), (1166, 14741), (1219, 14810), (1222, 14813), (1261, 14882),

Gene: Slagathor_12 Start: 6925, Stop: 8613, Start Num: 102
Candidate Starts for Slagathor_12:
(Start: 102 @6925 has 391 MA's), (363, 7189), (379, 7213), (476, 7375), (500, 7408), (558, 7483), (593, 7573), (603, 7597), (621, 7624), (637, 7672), (714, 7816), (720, 7828), (760, 7888), (939, 8122), (952, 8134), (988, 8176), (995, 8197), (1020, 8224), (1096, 8332), (1182, 8422), (1246, 8527),

Gene: Slay_3 Start: 1159, Stop: 2781, Start Num: 211
Candidate Starts for Slay_3:

(Start: 211 @1159 has 88 MA's), (330, 1315), (409, 1423), (426, 1438), (443, 1468), (453, 1492), (459, 1507), (483, 1540), (554, 1606), (585, 1657), (586, 1660), (607, 1720), (642, 1798), (949, 2248), (963, 2263), (1222, 2614), (1318, 2770),

Gene: Slentz_3 Start: 1086, Stop: 2546, Start Num: 193
Candidate Starts for Slentz_3:
(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (744, 1881), (753, 1896), (777, 1932), (804, 1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: SlimJimmy_13 Start: 4718, Stop: 6262, Start Num: 181
Candidate Starts for SlimJimmy_13:
(Start: 181 @4718 has 21 MA's), (223, 4766), (323, 4907), (377, 4967), (454, 5105), (595, 5297), (700, 5507), (733, 5558), (782, 5630), (873, 5693), (893, 5717), (902, 5732), (939, 5792), (953, 5804), (988, 5864), (1003, 5897), (1028, 5930), (1045, 5957), (1090, 6005), (1228, 6191), (1241, 6212),

Gene: Slizam_3 Start: 1113, Stop: 2573, Start Num: 193
Candidate Starts for Slizam_3:
(Start: 193 @1113 has 146 MA's), (Start: 198 @1119 has 6 MA's), (325, 1281), (330, 1290), (377, 1350), (415, 1419), (431, 1440), (455, 1491), (606, 1695), (669, 1830), (744, 1908), (753, 1923), (765, 1941), (777, 1959), (804, 2001), (832, 2034), (840, 2052), (923, 2172), (925, 2175), (936, 2187), (943, 2199), (953, 2211), (990, 2262), (1028, 2319), (1031, 2325), (1038, 2334), (1044, 2343), (1045, 2346), (1186, 2508), (1199, 2517), (1205, 2526), (1232, 2565),

Gene: Sloopyjoe_8 Start: 3601, Stop: 5367, Start Num: 200
Candidate Starts for Sloopyjoe_8:
(Start: 200 @3601 has 5 MA's), (Start: 217 @3619 has 209 MA's), (280, 3712), (287, 3718), (325, 3775), (353, 3838), (458, 4015), (504, 4093), (525, 4114), (580, 4216), (604, 4285), (611, 4300), (628, 4342), (680, 4471), (713, 4546), (728, 4570), (791, 4675), (804, 4699), (868, 4783), (949, 4897), (967, 4915), (1000, 4984), (1003, 4987), (1038, 5038), (1068, 5080), (1131, 5167), (1161, 5194), (1182, 5215), (1196, 5227), (1207, 5245), (1246, 5320),

Gene: Smairt_12 Start: 7444, Stop: 9132, Start Num: 102
Candidate Starts for Smairt_12:
(Start: 102 @7444 has 391 MA's), (Start: 302 @7624 has 3 MA's), (363, 7708), (383, 7744), (406, 7771), (476, 7894), (558, 8002), (593, 8092), (603, 8116), (637, 8191), (720, 8347), (760, 8407), (930, 8632), (939, 8641), (952, 8653), (988, 8695), (995, 8716), (1020, 8743), (1096, 8851), (1182, 8941), (1246, 9046),

Gene: Smeadley_9 Start: 5701, Stop: 7455, Start Num: 63
Candidate Starts for Smeadley_9:
(Start: 63 @5701 has 32 MA's), (94, 5743), (125, 5782), (Start: 231 @5890 has 26 MA's), (406, 6097), (536, 6298), (593, 6406), (646, 6535), (743, 6700), (763, 6733), (866, 6853), (915, 6928), (995, 7039), (1007, 7057), (1026, 7078), (1061, 7132), (1096, 7174), (1144, 7243), (1196, 7279), (1251, 7378), (1269, 7411), (1294, 7444), (1299, 7450),

Gene: Smeagan_14 Start: 7883, Stop: 9670, Start Num: 103
Candidate Starts for Smeagan_14:
(Start: 103 @7883 has 278 MA's), (Start: 206 @7991 has 29 MA's), (226, 8012), (262, 8078), (264, 8084), (288, 8120), (350, 8207), (473, 8402), (476, 8405), (558, 8513), (593, 8603), (603, 8627), (637, 8702), (663, 8744), (673, 8759), (857, 9059), (992, 9245), (1007, 9272), (1026, 9293), (1096, 9389), (1269, 9626), (1292, 9656),

Gene: Smeagol_12 Start: 7865, Stop: 9553, Start Num: 102
Candidate Starts for Smeagol_12:
(Start: 102 @7865 has 391 MA's), (Start: 302 @8045 has 3 MA's), (363, 8129), (383, 8165), (406, 8192), (476, 8315), (558, 8423), (593, 8513), (603, 8537), (621, 8564), (637, 8612), (720, 8768), (760, 8828), (930, 9053), (939, 9062), (952, 9074), (988, 9116), (995, 9137), (1020, 9164), (1096, 9272), (1182, 9362), (1246, 9467),

Gene: SmellyB_15 Start: 7533, Stop: 9287, Start Num: 103
Candidate Starts for SmellyB_15:
(Start: 103 @7533 has 278 MA's), (288, 7764), (325, 7815), (350, 7851), (406, 7926), (476, 8049), (503, 8088), (558, 8157), (569, 8181), (571, 8184), (593, 8247), (603, 8271), (646, 8370), (647, 8373), (671, 8400), (673, 8403), (864, 8688), (920, 8775), (928, 8787), (988, 8850), (1007, 8889), (1026, 8910), (1086, 8994), (1096, 9006), (1269, 9243), (1290, 9270), (1292, 9273),

Gene: Smoothie_31 Start: 8683, Stop: 10431, Start Num: 127
Candidate Starts for Smoothie_31:
(Start: 127 @8683 has 26 MA's), (153, 8713), (280, 8842), (419, 9028), (433, 9067), (447, 9091), (459, 9121), (478, 9139), (496, 9166), (511, 9196), (619, 9388), (627, 9406), (704, 9568), (756, 9616), (766, 9631), (901, 9814), (905, 9820), (957, 9904), (991, 9991), (1016, 10024), (1084, 10138), (1115, 10174), (1134, 10198), (1159, 10213), (1273, 10387), (1278, 10393),

Gene: Smurph_2 Start: 504, Stop: 2036, Start Num: 234
Candidate Starts for Smurph_2:
(Start: 231 @501 has 26 MA's), (Start: 234 @504 has 29 MA's), (243, 516), (Start: 245 @519 has 1 MA's), (282, 576), (Start: 297 @594 has 2 MA's), (309, 606), (368, 678), (380, 696), (390, 714), (400, 735), (443, 798), (459, 837), (487, 870), (508, 918), (573, 1002), (584, 1017), (601, 1068), (605, 1077), (623, 1101), (636, 1140), (637, 1143), (641, 1155), (713, 1281), (728, 1305), (769, 1368), (830, 1452), (886, 1524), (902, 1548), (925, 1590), (930, 1599), (977, 1656), (995, 1695), (1033, 1752), (1041, 1758), (1047, 1761), (1079, 1782), (1109, 1830), (1134, 1866), (1207, 1947), (1210, 1953),

Gene: SnapTap_12 Start: 7386, Stop: 9173, Start Num: 103
Candidate Starts for SnapTap_12:
(Start: 103 @7386 has 278 MA's), (Start: 206 @7494 has 29 MA's), (226, 7515), (288, 7623), (406, 7785), (473, 7905), (476, 7908), (558, 8016), (593, 8106), (603, 8130), (663, 8247), (673, 8262), (857, 8562), (992, 8748), (1007, 8775), (1026, 8796), (1096, 8892), (1269, 9129), (1290, 9156), (1292, 9159),

Gene: Snape_12 Start: 8027, Stop: 9790, Start Num: 103
Candidate Starts for Snape_12:
(Start: 103 @8027 has 278 MA's), (Start: 123 @8048 has 9 MA's), (Start: 206 @8135 has 29 MA's), (288, 8264), (309, 8288), (350, 8351), (445, 8495), (473, 8546), (476, 8549), (558, 8660), (569, 8684), (571, 8687), (593, 8750), (596, 8759), (603, 8774), (663, 8891), (673, 8906), (701, 8966), (751, 9050), (864, 9191), (920, 9278), (928, 9290), (980, 9338), (988, 9353), (1007, 9392), (1026, 9413), (1049, 9452), (1086, 9497), (1096, 9509), (1269, 9746), (1290, 9773),

Gene: Snazzy_9 Start: 6454, Stop: 8142, Start Num: 102
Candidate Starts for Snazzy_9:
(Start: 102 @6454 has 391 MA's), (363, 6718), (379, 6742), (476, 6904), (500, 6937), (558, 7012), (593, 7102), (603, 7126), (637, 7201), (720, 7357), (727, 7366), (758, 7414), (760, 7417), (930, 7642), (939, 7651), (952, 7663), (988, 7705), (995, 7726), (1020, 7753), (1096, 7861), (1182, 7951), (1246, 8056),

Gene: Snek_3 Start: 1419, Stop: 3110, Start Num: 101
Candidate Starts for Snek_3:
(Start: 101 @1419 has 50 MA's), (168, 1449), (203, 1485), (316, 1596), (434, 1779), (444, 1791), (476, 1848), (538, 1932), (572, 1989), (888, 2478), (1064, 2745), (1096, 2781), (1106, 2796), (1196, 2925), (1208, 2946), (1256, 3033),

Gene: Snekmaggedon_2 Start: 512, Stop: 2044, Start Num: 234
Candidate Starts for Snekmaggedon_2:
(Start: 231 @509 has 26 MA's), (Start: 234 @512 has 29 MA's), (Start: 245 @527 has 1 MA's), (282, 584), (Start: 297 @602 has 2 MA's), (309, 614), (368, 686), (390, 722), (400, 743), (443, 806), (508, 926), (573, 1010), (601, 1076), (636, 1148), (637, 1151), (641, 1163), (713, 1289), (728, 1313), (769, 1376), (830, 1460), (873, 1517), (886, 1532), (930, 1607), (943, 1625), (1047, 1769), (1079, 1790), (1098, 1823), (1109, 1838), (1134, 1874), (1205, 1952), (1207, 1955), (1210, 1961),

Gene: Snenia_5 Start: 1190, Stop: 2755, Start Num: 149
Candidate Starts for Snenia_5:
(Start: 104 @1139 has 125 MA's), (Start: 112 @1148 has 1 MA's), (Start: 149 @1190 has 70 MA's), (Start: 155 @1196 has 82 MA's), (284, 1367), (312, 1397), (374, 1472), (379, 1478), (381, 1484), (476, 1640), (484, 1649), (486, 1652), (488, 1655), (550, 1730), (582, 1784), (584, 1787), (585, 1790), (688, 2021), (737, 2096), (753, 2117), (757, 2123), (808, 2192), (848, 2216), (866, 2234), (876, 2249), (963, 2363), (988, 2402), (990, 2408), (1031, 2474), (1078, 2528), (1111, 2564), (1118, 2576), (1155, 2615), (1228, 2702), (1252, 2747), (1254, 2750),

Gene: Snickers_13 Start: 6931, Stop: 8631, Start Num: 104
Candidate Starts for Snickers_13:
(Start: 104 @6931 has 125 MA's), (151, 6979), (292, 7114), (426, 7306), (476, 7393), (593, 7591), (634, 7681), (671, 7744), (760, 7906), (915, 8104), (928, 8128), (930, 8131), (988, 8194), (995, 8215), (1026, 8254), (1096, 8350), (1134, 8404), (1182, 8440), (1269, 8587), (1292, 8617), (1294, 8620),

Gene: Snorlax_6 Start: 2376, Stop: 4022, Start Num: 75
Candidate Starts for Snorlax_6:
(Start: 75 @2376 has 95 MA's), (Start: 92 @2394 has 10 MA's), (Start: 239 @2526 has 2 MA's), (325, 2598), (350, 2634), (462, 2814), (480, 2835), (515, 2880), (543, 2922), (582, 2994), (593, 3018), (638, 3117), (643, 3132), (663, 3156), (665, 3162), (786, 3330), (915, 3480), (927, 3501), (980, 3564), (992, 3591), (1064, 3699), (1096, 3738), (1112, 3759), (1116, 3765), (1130, 3783), (1217, 3879), (1251, 3939), (1300, 4017),

Gene: Snuffles_4 Start: 1283, Stop: 2743, Start Num: 193
Candidate Starts for Snuffles_4:
(Start: 193 @1283 has 146 MA's), (Start: 198 @1289 has 6 MA's), (325, 1451), (330, 1460), (377, 1520), (415, 1589), (431, 1610), (455, 1661), (606, 1865), (669, 2000), (753, 2093), (765, 2111), (777, 2129), (804, 2171), (832, 2204), (840, 2222), (923, 2342), (925, 2345), (936, 2357), (943, 2369), (953, 2381), (990, 2432), (1028, 2489), (1031, 2495), (1038, 2504), (1044, 2513), (1045, 2516), (1186, 2678), (1199, 2687), (1205, 2696), (1232, 2735),

Gene: SoJulia_4 Start: 1069, Stop: 2637, Start Num: 149
Candidate Starts for SoJulia_4:
(Start: 149 @1069 has 70 MA's), (Start: 155 @1075 has 82 MA's), (271, 1231), (484, 1528), (488, 1534), (533, 1594), (582, 1666), (585, 1672), (591, 1693), (636, 1792), (659, 1840), (684, 1894), (700, 1918), (728, 1963), (733, 1969), (753, 1999), (757, 2005), (777, 2032), (782, 2041), (848, 2098), (855, 2104), (873, 2125), (876, 2131), (925, 2206), (927, 2209), (963, 2245), (990, 2290), (1031, 2356), (1093, 2431), (1114, 2449), (1118, 2458), (1241, 2605), (1252, 2629), (1254, 2632),

Gene: SoYo_13 Start: 6868, Stop: 8568, Start Num: 104
Candidate Starts for SoYo_13:
(Start: 104 @6868 has 125 MA's), (151, 6916), (292, 7051), (426, 7243), (476, 7330), (593, 7528), (634, 7618), (671, 7681), (760, 7843), (915, 8041), (928, 8065), (930, 8068), (988, 8131), (995, 8152), (1026, 8191), (1096, 8287), (1134, 8341), (1182, 8377), (1269, 8524), (1292, 8554), (1294, 8557),

Gene: Soap141_4 Start: 1069, Stop: 2637, Start Num: 149
Candidate Starts for Soap141_4:
(Start: 149 @1069 has 70 MA's), (Start: 155 @1075 has 82 MA's), (271, 1231), (484, 1528), (488, 1534), (533, 1594), (582, 1666), (585, 1672), (636, 1792), (659, 1840), (684, 1894), (700, 1918), (728, 1963), (733, 1969), (753, 1999), (757, 2005), (777, 2032), (782, 2041), (848, 2098), (855, 2104), (873, 2125), (876, 2131), (925, 2206), (927, 2209), (963, 2245), (990, 2290), (1031, 2356), (1093, 2431), (1114, 2449), (1118, 2458), (1241, 2605), (1252, 2629), (1254, 2632),

Gene: Socotra_5 Start: 1113, Stop: 2792, Start Num: 176
Candidate Starts for Socotra_5:
(Start: 176 @1113 has 83 MA's), (Start: 224 @1164 has 17 MA's), (237, 1185), (Start: 239 @1188 has 2 MA's), (295, 1230), (350, 1311), (394, 1377), (406, 1386), (443, 1458), (450, 1473), (468, 1509), (476, 1518), (507, 1569), (572, 1668), (596, 1722), (619, 1758), (687, 1902), (706, 1938), (729, 1977), (747, 2010), (778, 2058), (798, 2091), (814, 2115), (863, 2148), (890, 2181), (913, 2238), (917, 2247), (984, 2331), (1038, 2418), (1112, 2514), (1185, 2586), (1196, 2598), (1265, 2718), (1311, 2778), (1313, 2781),

Gene: Softsoap_3 Start: 689, Stop: 2317, Start Num: 211
Candidate Starts for Softsoap_3:
(Start: 211 @689 has 88 MA's), (330, 845), (409, 953), (426, 968), (459, 1037), (489, 1079), (554, 1136), (585, 1187), (586, 1190), (607, 1250), (622, 1268), (632, 1298), (642, 1328), (949, 1784), (963, 1799), (1222, 2150), (1249, 2198), (1318, 2306),

Gene: SoilAssassin_2 Start: 318, Stop: 1889, Start Num: 134
Candidate Starts for SoilAssassin_2:
(Start: 134 @318 has 105 MA's), (281, 474), (313, 504), (332, 537), (397, 621), (402, 630), (431, 666), (461, 726), (550, 816), (552, 819), (596, 912), (607, 936), (630, 978), (654, 1032), (679, 1071), (736, 1137), (741, 1149), (760, 1179), (783, 1212), (837, 1293), (873, 1338), (876, 1344), (895, 1365), (950, 1455), (986, 1500), (989, 1506), (1003, 1536), (1005, 1539), (1044, 1593), (1078, 1629), (1120, 1680), (1162, 1740), (1164, 1743), (1200, 1785), (1266, 1872),

Gene: SoilDragon_13 Start: 6642, Stop: 8342, Start Num: 104
Candidate Starts for SoilDragon_13:
(Start: 104 @6642 has 125 MA's), (151, 6690), (292, 6825), (426, 7017), (476, 7104), (593, 7302), (634, 7392), (671, 7455), (760, 7617), (915, 7815), (928, 7839), (930, 7842), (988, 7905), (995, 7926), (1026, 7965), (1096, 8061), (1134, 8115), (1182, 8151), (1269, 8298), (1292, 8328), (1294, 8331),

Gene: Soilmate_2 Start: 360, Stop: 1958, Start Num: 163
Candidate Starts for Soilmate_2:
(Start: 113 @333 has 24 MA's), (157, 354), (Start: 163 @360 has 37 MA's), (269, 474), (275, 483), (313, 516), (Start: 324 @534 has 4 MA's), (334, 549), (362, 570), (377, 591), (409, 654), (431, 690), (451, 726), (454, 738), (476, 768), (489, 780), (491, 783), (630, 1002), (637, 1017), (642, 1032), (643, 1035), (702, 1110), (736, 1161), (837, 1317), (855, 1338), (857, 1341), (914, 1428), (923, 1440), (952, 1473), (953, 1476), (984, 1515), (989, 1524), (1031, 1593), (1033, 1596), (1085, 1656), (1087, 1659), (1093, 1668), (1148, 1737), (1287, 1941),

Gene: Solea_4 Start: 1046, Stop: 2674, Start Num: 211

Candidate Starts for Solea_4:
(109, 932), (158, 986), (Start: 211 @1046 has 88 MA's), (330, 1202), (409, 1310), (459, 1394), (479, 1418), (489, 1436), (554, 1493), (585, 1544), (586, 1547), (607, 1607), (622, 1625), (632, 1655), (642, 1685), (949, 2141), (963, 2156), (1222, 2507), (1249, 2555), (1318, 2663),

Gene: Solon_11 Start: 7606, Stop: 9294, Start Num: 102
Candidate Starts for Solon_11:
(Start: 102 @7606 has 391 MA's), (363, 7870), (379, 7894), (476, 8056), (500, 8089), (558, 8164), (593, 8254), (603, 8278), (621, 8305), (637, 8353), (720, 8509), (760, 8569), (939, 8803), (952, 8815), (988, 8857), (995, 8878), (1020, 8905), (1096, 9013), (1182, 9103), (1246, 9208),

Gene: Sonah_2 Start: 413, Stop: 2089, Start Num: 134
Candidate Starts for Sonah_2:
(Start: 134 @413 has 105 MA's), (Start: 232 @524 has 12 MA's), (313, 629), (338, 668), (360, 725), (362, 731), (373, 749), (397, 794), (400, 797), (404, 806), (409, 815), (414, 821), (417, 824), (451, 878), (459, 899), (467, 911), (541, 1001), (636, 1190), (702, 1286), (736, 1337), (828, 1478), (837, 1490), (935, 1622), (984, 1688), (989, 1697), (1000, 1724), (1031, 1766), (1044, 1784), (1118, 1868), (1130, 1883), (1269, 2072),

Gene: Soondubu_2 Start: 568, Stop: 2274, Start Num: 101
Candidate Starts for Soondubu_2:
(Start: 101 @568 has 50 MA's), (350, 793), (434, 922), (476, 991), (500, 1027), (512, 1039), (572, 1132), (596, 1186), (699, 1396), (1096, 1942), (1106, 1957), (1244, 2173), (1256, 2197), (1265, 2212), (1298, 2260),

Gene: Sooty_2 Start: 593, Stop: 2281, Start Num: 122
Candidate Starts for Sooty_2:
(Start: 122 @593 has 16 MA's), (343, 794), (434, 938), (450, 962), (476, 1007), (541, 1094), (572, 1148), (591, 1187), (646, 1322), (705, 1424), (800, 1535), (887, 1646), (915, 1697), (1096, 1952), (1106, 1967), (1251, 2192), (1256, 2204), (1265, 2219),

Gene: Sopespian_4 Start: 1113, Stop: 2792, Start Num: 176
Candidate Starts for Sopespian_4:
(Start: 176 @1113 has 83 MA's), (Start: 224 @1164 has 17 MA's), (237, 1185), (Start: 239 @1188 has 2 MA's), (Start: 290 @1224 has 2 MA's), (295, 1230), (350, 1311), (394, 1377), (406, 1386), (443, 1458), (450, 1473), (468, 1509), (476, 1518), (507, 1569), (572, 1668), (596, 1722), (619, 1758), (687, 1902), (706, 1938), (729, 1977), (747, 2010), (778, 2058), (798, 2091), (814, 2115), (863, 2148), (890, 2181), (913, 2238), (917, 2247), (984, 2331), (1038, 2418), (1112, 2514), (1185, 2586), (1196, 2598), (1265, 2718), (1311, 2778), (1313, 2781),

Gene: SororFago_11 Start: 6539, Stop: 8296, Start Num: 103
Candidate Starts for SororFago_11:
(Start: 103 @6539 has 278 MA's), (Start: 212 @6647 has 5 MA's), (Start: 231 @6671 has 26 MA's), (260, 6725), (266, 6737), (271, 6746), (279, 6755), (288, 6770), (325, 6821), (406, 6932), (473, 7052), (476, 7055), (558, 7166), (569, 7190), (593, 7256), (603, 7280), (634, 7346), (673, 7412), (727, 7520), (776, 7595), (915, 7772), (920, 7784), (928, 7796), (930, 7799), (936, 7805), (988, 7859), (1007, 7898), (1096, 8015), (1144, 8084), (1269, 8252), (1290, 8279),

Gene: Sorpresa_11 Start: 6972, Stop: 8660, Start Num: 102
Candidate Starts for Sorpresa_11:
(Start: 102 @6972 has 391 MA's), (Start: 302 @7152 has 3 MA's), (363, 7236), (383, 7272), (406, 7299), (476, 7422), (558, 7530), (593, 7620), (603, 7644), (621, 7671), (637, 7719), (720, 7875), (760, 7935), (930, 8160), (939, 8169), (952, 8181), (988, 8223), (995, 8244), (1020, 8271), (1096, 8379),

(1182, 8469), (1246, 8574),

Gene: Soshari_15 Start: 7040, Stop: 8740, Start Num: 104
Candidate Starts for Soshari_15:
(Start: 104 @7040 has 125 MA's), (151, 7088), (292, 7223), (426, 7415), (476, 7502), (593, 7700), (634, 7790), (671, 7853), (760, 8015), (915, 8213), (928, 8237), (930, 8240), (988, 8303), (995, 8324), (1026, 8363), (1096, 8459), (1134, 8513), (1182, 8549), (1269, 8696), (1292, 8726), (1294, 8729),

Gene: Soshi_7 Start: 2850, Stop: 4595, Start Num: 217
Candidate Starts for Soshi_7:
(Start: 217 @2850 has 209 MA's), (252, 2904), (Start: 255 @2907 has 1 MA's), (280, 2943), (287, 2949), (430, 3183), (485, 3282), (504, 3324), (525, 3345), (547, 3387), (556, 3399), (596, 3498), (604, 3516), (621, 3552), (713, 3777), (728, 3801), (731, 3807), (804, 3930), (859, 3999), (940, 4116), (967, 4143), (1000, 4212), (1003, 4215), (1038, 4266), (1101, 4353), (1146, 4419), (1182, 4443), (1196, 4455), (1207, 4473), (1244, 4545), (1246, 4548),

Gene: Soups_14 Start: 6808, Stop: 8505, Start Num: 103
Candidate Starts for Soups_14:
(Start: 103 @6808 has 278 MA's), (121, 6826), (292, 6988), (406, 7144), (445, 7213), (476, 7267), (558, 7375), (571, 7402), (593, 7465), (603, 7489), (928, 8005), (988, 8068), (1015, 8110), (1096, 8224), (1196, 8329), (1269, 8461), (1290, 8488), (1292, 8491), (1294, 8494),

Gene: South40_7 Start: 2648, Stop: 4294, Start Num: 75
Candidate Starts for South40_7:
(Start: 75 @2648 has 95 MA's), (Start: 92 @2666 has 10 MA's), (325, 2870), (382, 2951), (462, 3086), (480, 3107), (515, 3152), (543, 3194), (582, 3266), (593, 3290), (638, 3389), (673, 3443), (699, 3500), (786, 3602), (841, 3662), (871, 3689), (927, 3773), (936, 3785), (992, 3863), (1017, 3896), (1064, 3971), (1096, 4010), (1112, 4031), (1116, 4037), (1130, 4055), (1217, 4151), (1251, 4211),

Gene: Spain_7 Start: 3618, Stop: 5366, Start Num: 217
Candidate Starts for Spain_7:
(Start: 200 @3600 has 5 MA's), (Start: 217 @3618 has 209 MA's), (280, 3711), (287, 3717), (325, 3774), (353, 3837), (458, 4014), (504, 4092), (525, 4113), (580, 4215), (604, 4284), (611, 4299), (628, 4341), (680, 4470), (713, 4545), (728, 4569), (791, 4674), (804, 4698), (868, 4782), (949, 4896), (967, 4914), (1000, 4983), (1003, 4986), (1038, 5037), (1068, 5079), (1131, 5166), (1161, 5193), (1182, 5214), (1196, 5226), (1207, 5244), (1246, 5319),

Gene: Sparkdehlily_2 Start: 588, Stop: 2225, Start Num: 126
Candidate Starts for Sparkdehlily_2:
(Start: 126 @588 has 206 MA's), (Start: 139 @603 has 1 MA's), (Start: 147 @612 has 3 MA's), (153, 618), (Start: 184 @645 has 3 MA's), (Start: 217 @669 has 209 MA's), (Start: 219 @672 has 2 MA's), (271, 735), (291, 753), (310, 774), (372, 861), (375, 867), (419, 921), (433, 933), (442, 945), (445, 954), (447, 957), (454, 978), (467, 999), (519, 1071), (543, 1110), (580, 1179), (584, 1185), (597, 1215), (598, 1218), (603, 1227), (612, 1242), (621, 1260), (638, 1311), (695, 1413), (845, 1584), (859, 1596), (915, 1680), (934, 1710), (937, 1713), (940, 1716), (988, 1773), (993, 1788), (995, 1794), (996, 1797), (1007, 1812), (1020, 1821), (1062, 1890), (1082, 1920), (1084, 1929), (1112, 1962), (1140, 1995), (1176, 2022), (1202, 2055), (1219, 2082), (1222, 2085), (1235, 2106), (1246, 2130), (1251, 2139), (1253, 2142), (1284, 2199),

Gene: Sparky_2 Start: 507, Stop: 2288, Start Num: 110
Candidate Starts for Sparky_2:
(Start: 110 @507 has 2 MA's), (218, 612), (379, 831), (383, 843), (406, 870), (443, 936), (445, 942), (447, 945), (460, 975), (476, 996), (525, 1053), (580, 1155), (596, 1191), (619, 1239), (640, 1299),

(693, 1389), (705, 1419), (763, 1473), (814, 1551), (915, 1659), (927, 1680), (936, 1692), (952, 1710), (1007, 1809), (1029, 1863), (1035, 1878), (1064, 1920), (1096, 1968), (1111, 1992), (1133, 2028), (1184, 2097), (1189, 2103), (1196, 2109), (1230, 2160), (1246, 2196), (1249, 2202), (1256, 2217), (1267, 2235), (1281, 2250),

Gene: Spartacus_2 Start: 575, Stop: 2212, Start Num: 126
Candidate Starts for Spartacus_2:
(Start: 126 @575 has 206 MA's), (133, 584), (Start: 147 @599 has 3 MA's), (Start: 176 @620 has 83 MA's), (Start: 184 @632 has 3 MA's), (Start: 217 @656 has 209 MA's), (Start: 219 @659 has 2 MA's), (Start: 231 @677 has 26 MA's), (271, 722), (310, 761), (372, 848), (419, 908), (433, 920), (442, 932), (445, 941), (447, 944), (454, 965), (467, 986), (482, 1001), (519, 1058), (543, 1097), (580, 1166), (584, 1172), (597, 1202), (598, 1205), (603, 1214), (612, 1229), (621, 1247), (638, 1298), (689, 1391), (695, 1400), (845, 1571), (859, 1583), (872, 1601), (915, 1667), (934, 1697), (937, 1700), (940, 1703), (988, 1760), (993, 1775), (995, 1781), (996, 1784), (1007, 1799), (1020, 1808), (1062, 1877), (1082, 1907), (1084, 1916), (1112, 1949), (1140, 1982), (1176, 2009), (1202, 2042), (1219, 2069), (1222, 2072), (1235, 2093), (1246, 2117), (1251, 2126), (1253, 2129), (1284, 2186),

Gene: Spartan_2 Start: 389, Stop: 1936, Start Num: 169
Candidate Starts for Spartan_2:
(169, 389), (178, 398), (Start: 187 @404 has 2 MA's), (Start: 232 @449 has 12 MA's), (305, 542), (313, 551), (330, 581), (394, 659), (396, 665), (451, 749), (550, 863), (573, 902), (584, 920), (596, 959), (623, 1004), (627, 1013), (630, 1025), (647, 1073), (656, 1088), (747, 1220), (754, 1232), (760, 1241), (783, 1274), (820, 1334), (839, 1364), (855, 1382), (866, 1397), (869, 1400), (920, 1478), (943, 1505), (950, 1511), (984, 1556), (1000, 1592), (1028, 1628), (1176, 1811), (1193, 1832), (1200, 1841), (1211, 1859), (1223, 1877), (1228, 1883), (1235, 1898),

Gene: Sparxx_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Sparxx_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: SpecialK_2 Start: 594, Stop: 2282, Start Num: 122
Candidate Starts for SpecialK_2:
(Start: 122 @594 has 16 MA's), (434, 939), (450, 963), (476, 1008), (541, 1095), (572, 1149), (591, 1188), (646, 1323), (705, 1425), (887, 1647), (915, 1698), (1064, 1917), (1096, 1953), (1106, 1968), (1251, 2193), (1256, 2205), (1265, 2220), (1300, 2271),

Gene: Spectropatronm_8 Start: 3146, Stop: 4891, Start Num: 217
Candidate Starts for Spectropatronm_8:
(Start: 217 @3146 has 209 MA's), (252, 3200), (Start: 255 @3203 has 1 MA's), (280, 3239), (287, 3245), (430, 3479), (485, 3578), (504, 3620), (525, 3641), (547, 3683), (556, 3695), (596, 3794), (604, 3812), (621, 3848), (713, 4073), (728, 4097), (731, 4103), (804, 4226), (859, 4295), (940, 4412), (944, 4418), (967, 4439), (1000, 4508), (1003, 4511), (1038, 4562), (1101, 4649), (1146, 4715), (1182, 4739), (1196, 4751), (1207, 4769), (1244, 4841), (1246, 4844),

Gene: SpeedDemon_130 Start: 6395, Stop: 8131, Start Num: 127
Candidate Starts for SpeedDemon_130:
(Start: 127 @6395 has 26 MA's), (Start: 205 @6467 has 7 MA's), (248, 6524), (370, 6656), (428, 6767), (447, 6803), (505, 6899), (593, 7043), (604, 7070), (627, 7118), (637, 7151), (758, 7325), (787, 7370), (1084, 7841), (1195, 7949), (1251, 8045),

Gene: Speedwell_7 Start: 2470, Stop: 4116, Start Num: 75
Candidate Starts for Speedwell_7:
(Start: 70 @2461 has 1 MA's), (Start: 75 @2470 has 95 MA's), (Start: 78 @2473 has 1 MA's), (Start: 92 @2488 has 10 MA's), (174, 2545), (325, 2692), (382, 2773), (383, 2776), (462, 2908), (468, 2917), (476, 2926), (480, 2929), (593, 3112), (638, 3211), (673, 3265), (701, 3325), (751, 3364), (786, 3424), (866, 3505), (915, 3574), (927, 3595), (977, 3655), (980, 3658), (1007, 3712), (1026, 3733), (1064, 3793), (1096, 3832), (1116, 3859), (1130, 3877), (1261, 4054),

Gene: Spike509_13 Start: 7041, Stop: 8741, Start Num: 104
Candidate Starts for Spike509_13:
(Start: 104 @7041 has 125 MA's), (151, 7089), (292, 7224), (426, 7416), (476, 7503), (593, 7701), (634, 7791), (671, 7854), (760, 8016), (915, 8214), (928, 8238), (930, 8241), (988, 8304), (995, 8325), (1026, 8364), (1096, 8460), (1134, 8514), (1182, 8550), (1269, 8697), (1292, 8727), (1294, 8730),

Gene: SpikeBT_13 Start: 7909, Stop: 9597, Start Num: 108
Candidate Starts for SpikeBT_13:
(Start: 108 @7909 has 24 MA's), (Start: 302 @8089 has 3 MA's), (363, 8173), (380, 8200), (383, 8209), (476, 8359), (500, 8392), (558, 8467), (593, 8557), (603, 8581), (621, 8608), (637, 8656), (679, 8725), (720, 8812), (760, 8872), (930, 9097), (939, 9106), (952, 9118), (988, 9160), (995, 9181), (1020, 9208), (1096, 9316), (1182, 9406), (1246, 9511),

Gene: Spinach_2 Start: 512, Stop: 2044, Start Num: 234
Candidate Starts for Spinach_2:
(Start: 231 @509 has 26 MA's), (Start: 234 @512 has 29 MA's), (Start: 245 @527 has 1 MA's), (282, 584), (Start: 297 @602 has 2 MA's), (309, 614), (368, 686), (390, 722), (400, 743), (443, 806), (508, 926), (573, 1010), (601, 1076), (636, 1148), (637, 1151), (641, 1163), (713, 1289), (728, 1313), (769, 1376), (830, 1460), (873, 1517), (886, 1532), (930, 1607), (943, 1625), (1047, 1769), (1079, 1790), (1098, 1823), (1109, 1838), (1134, 1874), (1205, 1952), (1207, 1955), (1210, 1961),

Gene: Spino_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Spino_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Splinter_7 Start: 3467, Stop: 5074, Start Num: 191
Candidate Starts for Splinter_7:
(Start: 119 @3389 has 3 MA's), (Start: 191 @3467 has 6 MA's), (379, 3695), (430, 3779), (443, 3800), (452, 3821), (554, 3959), (586, 4013), (626, 4100), (627, 4103), (636, 4133), (744, 4238), (803, 4340), (883, 4463), (930, 4550), (950, 4565), (963, 4580), (1002, 4643), (1050, 4712), (1080, 4754), (1096, 4778), (1132, 4829), (1133, 4832), (1169, 4865), (1222, 4931), (1251, 4982), (1310, 5060), (1316, 5066),

Gene: SpongeBob_2 Start: 509, Stop: 2044, Start Num: 231
Candidate Starts for SpongeBob_2:
(Start: 231 @509 has 26 MA's), (Start: 234 @512 has 29 MA's), (Start: 245 @527 has 1 MA's), (282, 584), (Start: 297 @602 has 2 MA's), (309, 614), (368, 686), (390, 722), (400, 743), (443, 806), (508, 926), (573, 1010), (601, 1076), (636, 1148), (637, 1151), (641, 1163), (713, 1289), (728, 1313), (769, 1376), (830, 1460), (873, 1517), (886, 1532), (930, 1607), (943, 1625), (1047, 1769), (1079, 1790), (1098, 1823), (1109, 1838), (1134, 1874), (1205, 1952), (1207, 1955), (1210, 1961),

Gene: Spooks_49 Start: 26688, Stop: 28250, Start Num: 166
Candidate Starts for Spooks_49:
(Start: 166 @26688 has 2 MA's), (320, 26841), (380, 26931), (462, 27072), (465, 27078), (476, 27090), (515, 27141), (571, 27234), (572, 27237), (582, 27258), (644, 27405), (814, 27633), (920, 27756), (1007, 27879), (1094, 27990), (1126, 28026), (1251, 28170), (1255, 28179), (1278, 28215), (1294, 28239),

Gene: Spoonbill_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for Spoonbill_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (310, 758), (372, 845), (419, 905), (433, 917), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (689, 1388), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1140, 1979), (1176, 2006), (1202, 2039), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: Sporto_7 Start: 3557, Stop: 5305, Start Num: 217
Candidate Starts for Sporto_7:
(Start: 217 @3557 has 209 MA's), (Start: 231 @3578 has 26 MA's), (287, 3656), (353, 3776), (458, 3953), (504, 4031), (525, 4052), (580, 4154), (604, 4223), (616, 4247), (680, 4409), (699, 4454), (728, 4508), (791, 4613), (804, 4637), (859, 4709), (868, 4721), (949, 4835), (1000, 4922), (1003, 4925), (1027, 4958), (1030, 4964), (1068, 5018), (1182, 5153), (1196, 5165), (1207, 5183), (1244, 5255), (1246, 5258),

Gene: Spouty_13 Start: 8139, Stop: 9926, Start Num: 103
Candidate Starts for Spouty_13:
(Start: 103 @8139 has 278 MA's), (Start: 117 @8154 has 12 MA's), (Start: 123 @8160 has 9 MA's), (Start: 231 @8271 has 26 MA's), (288, 8370), (406, 8532), (445, 8604), (476, 8658), (503, 8697), (558, 8769), (593, 8859), (603, 8883), (663, 9000), (673, 9015), (727, 9123), (776, 9198), (798, 9234), (837, 9294), (920, 9414), (936, 9435), (980, 9474), (1007, 9528), (1015, 9531), (1026, 9549), (1061, 9603), (1086, 9633), (1096, 9645), (1182, 9735), (1198, 9753), (1269, 9882), (1290, 9909), (1292, 9912),

Gene: Sprinkle_7 Start: 3585, Stop: 5333, Start Num: 217
Candidate Starts for Sprinkle_7:
(Start: 217 @3585 has 209 MA's), (287, 3684), (353, 3804), (458, 3981), (482, 4011), (504, 4059), (523, 4077), (525, 4080), (580, 4182), (604, 4251), (616, 4275), (680, 4437), (682, 4443), (699, 4482), (713, 4512), (728, 4536), (804, 4665), (859, 4737), (868, 4749), (949, 4863), (1000, 4950), (1003, 4953), (1007, 4959), (1020, 4971), (1068, 5046), (1125, 5124), (1182, 5181), (1196, 5193), (1207, 5211), (1242, 5274), (1246, 5286),

Gene: Sprinklemunch_2 Start: 432, Stop: 1991, Start Num: 180
Candidate Starts for Sprinklemunch_2:
(Start: 103 @390 has 278 MA's), (Start: 180 @432 has 11 MA's), (Start: 255 @498 has 1 MA's), (303, 558), (313, 567), (338, 606), (454, 777), (455, 780), (476, 807), (491, 822), (548, 876), (585, 939), (599, 984), (607, 999), (630, 1041), (642, 1071), (643, 1074), (679, 1134), (691, 1164), (701, 1182), (702, 1185), (826, 1374), (854, 1413), (866, 1431), (873, 1440), (876, 1446), (914, 1503), (923, 1515), (952, 1548), (953, 1551), (988, 1596), (989, 1599), (995, 1617), (1000, 1626), (1031, 1668), (1044, 1686), (1110, 1758), (1123, 1776), (1126, 1779), (1148, 1812), (1168, 1845), (1196, 1875), (1219, 1914),

Gene: Sproutie_2 Start: 318, Stop: 1889, Start Num: 134

Candidate Starts for Sproutie_2:
(Start: 134 @318 has 105 MA's), (251, 426), (281, 474), (313, 504), (332, 537), (397, 621), (402, 630), (431, 666), (461, 726), (550, 816), (596, 912), (607, 936), (630, 978), (654, 1032), (679, 1071), (736, 1137), (741, 1149), (760, 1179), (783, 1212), (837, 1293), (873, 1338), (876, 1344), (895, 1365), (950, 1455), (986, 1500), (989, 1506), (1003, 1536), (1005, 1539), (1044, 1593), (1078, 1629), (1120, 1680), (1162, 1740), (1164, 1743), (1200, 1785), (1266, 1872),

Gene: SqueakyClean_7 Start: 2449, Stop: 4095, Start Num: 75
Candidate Starts for SqueakyClean_7:
(Start: 75 @2449 has 95 MA's), (343, 2692), (350, 2707), (363, 2719), (392, 2770), (443, 2845), (462, 2887), (465, 2893), (480, 2908), (543, 2995), (582, 3067), (593, 3091), (638, 3190), (654, 3226), (673, 3244), (766, 3367), (786, 3403), (920, 3565), (927, 3574), (980, 3637), (1007, 3691), (1064, 3772), (1096, 3811), (1112, 3832), (1130, 3856), (1249, 4009), (1251, 4012),

Gene: Squee_12 Start: 7450, Stop: 9138, Start Num: 102
Candidate Starts for Squee_12:
(Start: 102 @7450 has 391 MA's), (Start: 302 @7630 has 3 MA's), (363, 7714), (383, 7750), (406, 7777), (456, 7873), (476, 7900), (500, 7933), (558, 8008), (593, 8098), (603, 8122), (637, 8197), (720, 8353), (727, 8362), (760, 8413), (939, 8647), (952, 8659), (988, 8701), (995, 8722), (1020, 8749), (1096, 8857), (1182, 8947), (1246, 9052),

Gene: Squint_10 Start: 3458, Stop: 4990, Start Num: 232
Candidate Starts for Squint_10:
(159, 3374), (Start: 196 @3416 has 1 MA's), (207, 3425), (Start: 232 @3458 has 12 MA's), (323, 3572), (360, 3635), (380, 3668), (381, 3671), (404, 3716), (452, 3791), (454, 3800), (550, 3902), (552, 3905), (573, 3941), (588, 3974), (713, 4223), (767, 4286), (783, 4313), (900, 4472), (918, 4508), (952, 4538), (962, 4547), (990, 4601), (1000, 4625), (1186, 4859), (1202, 4871),

Gene: Squircle_3 Start: 953, Stop: 2530, Start Num: 211
Candidate Starts for Squircle_3:
(Start: 211 @953 has 88 MA's), (Start: 231 @980 has 26 MA's), (306, 1070), (330, 1109), (377, 1154), (409, 1217), (426, 1232), (455, 1295), (585, 1451), (607, 1514), (635, 1571), (636, 1574), (642, 1592), (649, 1607), (797, 1829), (844, 1892), (862, 1916), (896, 1967), (898, 1970), (905, 1979), (914, 2003), (962, 2057), (977, 2087), (1015, 2135), (1141, 2273), (1189, 2345), (1246, 2432), (1255, 2450), (1314, 2522),

Gene: StAB_2 Start: 376, Stop: 1959, Start Num: 205
Candidate Starts for StAB_2:
(Start: 202 @373 has 4 MA's), (Start: 205 @376 has 7 MA's), (Start: 211 @382 has 88 MA's), (253, 442), (338, 550), (341, 553), (374, 631), (380, 640), (483, 814), (575, 916), (584, 925), (586, 931), (587, 940), (618, 1000), (635, 1048), (636, 1051), (719, 1114), (778, 1207), (925, 1429), (944, 1447), (981, 1492), (1001, 1534), (1025, 1570), (1032, 1585), (1052, 1612), (1054, 1615), (1066, 1630), (1099, 1663), (1111, 1678), (1143, 1726), (1175, 1756), (1190, 1774), (1238, 1849), (1278, 1924), (1305, 1948),

Gene: StAnnes_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for StAnnes_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787),

(995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: StCroix_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for StCroix_8:
(Start: 104 @3156 has 125 MA's), (Start: 302 @3342 has 3 MA's), (350, 3414), (363, 3426), (379, 3450), (383, 3462), (476, 3615), (489, 3630), (536, 3690), (593, 3798), (621, 3855), (718, 4053), (729, 4071), (763, 4125), (866, 4236), (892, 4269), (915, 4311), (936, 4344), (992, 4413), (1096, 4557), (1130, 4602), (1196, 4662), (1251, 4761), (1269, 4794), (1290, 4821), (1292, 4824), (1294, 4827),

Gene: Stagni_13 Start: 6959, Stop: 8659, Start Num: 104
Candidate Starts for Stagni_13:
(Start: 104 @6959 has 125 MA's), (151, 7007), (292, 7142), (426, 7334), (476, 7421), (593, 7619), (634, 7709), (671, 7772), (760, 7934), (915, 8132), (928, 8156), (930, 8159), (988, 8222), (995, 8243), (1026, 8282), (1096, 8378), (1134, 8432), (1182, 8468), (1269, 8615), (1292, 8645), (1294, 8648),

Gene: Stank_10 Start: 2509, Stop: 4179, Start Num: 301
Candidate Starts for Stank_10:
(Start: 301 @2509 has 48 MA's), (344, 2572), (479, 2806), (548, 2908), (632, 3088), (641, 3112), (650, 3130), (663, 3142), (694, 3205), (698, 3217), (725, 3262), (734, 3277), (784, 3355), (811, 3400), (845, 3454), (851, 3460), (917, 3574), (946, 3622), (994, 3718), (1007, 3739), (1019, 3754), (1118, 3907), (1129, 3919), (1175, 3976), (1205, 4012), (1235, 4063), (1251, 4099), (1253, 4102), (1294, 4168),

Gene: StarLord_8 Start: 3619, Stop: 5367, Start Num: 217
Candidate Starts for StarLord_8:
(Start: 200 @3601 has 5 MA's), (Start: 217 @3619 has 209 MA's), (280, 3712), (287, 3718), (325, 3775), (353, 3838), (458, 4015), (504, 4093), (525, 4114), (580, 4216), (604, 4285), (611, 4300), (628, 4342), (680, 4471), (713, 4546), (728, 4570), (791, 4675), (804, 4699), (868, 4783), (949, 4897), (967, 4915), (1000, 4984), (1003, 4987), (1038, 5038), (1068, 5080), (1131, 5167), (1161, 5194), (1182, 5215), (1196, 5227), (1207, 5245), (1246, 5320),

Gene: StarStruck_25 Start: 12805, Stop: 14535, Start Num: 126
Candidate Starts for StarStruck_25:
(Start: 126 @12805 has 206 MA's), (Start: 130 @12811 has 2 MA's), (317, 13006), (319, 13012), (346, 13051), (361, 13081), (384, 13123), (472, 13300), (597, 13516), (612, 13543), (695, 13711), (699, 13723), (716, 13756), (798, 13834), (937, 14017), (959, 14050), (973, 14080), (996, 14131), (1031, 14179), (1084, 14254), (1094, 14266), (1121, 14302), (1246, 14440), (1261, 14470),

Gene: StarStuff_15 Start: 7375, Stop: 9162, Start Num: 103
Candidate Starts for StarStuff_15:
(31, 7216), (34, 7243), (Start: 103 @7375 has 278 MA's), (Start: 206 @7483 has 29 MA's), (226, 7504), (262, 7570), (288, 7612), (350, 7699), (473, 7894), (476, 7897), (558, 8005), (593, 8095), (603, 8119), (646, 8218), (671, 8248), (673, 8251), (729, 8362), (857, 8551), (980, 8710), (988, 8725), (992, 8737), (1007, 8764), (1026, 8785), (1086, 8869), (1096, 8881), (1182, 8971), (1269, 9118), (1290, 9145), (1292, 9148),

Gene: Starburst_5 Start: 1113, Stop: 2792, Start Num: 176
Candidate Starts for Starburst_5:
(Start: 176 @1113 has 83 MA's), (Start: 224 @1164 has 17 MA's), (237, 1185), (Start: 239 @1188 has 2 MA's), (295, 1230), (350, 1311), (394, 1377), (406, 1386), (443, 1458), (450, 1473), (468, 1509), (476, 1518), (507, 1569), (572, 1668), (596, 1722), (619, 1758), (687, 1902), (706, 1938), (729, 1977), (747, 2010), (778, 2058), (798, 2091), (814, 2115), (863, 2148), (890, 2181), (913, 2238), (917, 2247),

(984, 2331), (995, 2358), (1038, 2418), (1112, 2514), (1185, 2586), (1196, 2598), (1265, 2718), (1311, 2778), (1313, 2781),

Gene: Stardom_7 Start: 3940, Stop: 5601, Start Num: 280
Candidate Starts for Stardom_7:
(172, 3793), (Start: 211 @3841 has 88 MA's), (Start: 217 @3847 has 209 MA's), (280, 3940), (287, 3946), (446, 4213), (458, 4243), (482, 4273), (504, 4321), (523, 4339), (525, 4342), (547, 4384), (604, 4513), (680, 4699), (728, 4798), (770, 4870), (804, 4927), (859, 5005), (868, 5017), (949, 5131), (967, 5149), (990, 5194), (1000, 5218), (1003, 5221), (1030, 5260), (1131, 5401), (1179, 5446), (1182, 5449), (1196, 5461), (1226, 5509), (1242, 5542), (1244, 5551), (1246, 5554),

Gene: Stardrop_8 Start: 3536, Stop: 5269, Start Num: 217
Candidate Starts for Stardrop_8:
(Start: 217 @3536 has 209 MA's), (287, 3635), (438, 3872), (458, 3920), (504, 3998), (523, 4016), (525, 4019), (561, 4088), (604, 4190), (616, 4214), (636, 4271), (680, 4376), (728, 4475), (744, 4505), (770, 4547), (804, 4604), (859, 4673), (868, 4685), (949, 4799), (967, 4817), (1000, 4886), (1003, 4889), (1146, 5093), (1182, 5117), (1196, 5129), (1203, 5141), (1224, 5174), (1244, 5219), (1246, 5222),

Gene: Stark_9 Start: 2277, Stop: 3947, Start Num: 301
Candidate Starts for Stark_9:
(Start: 301 @2277 has 48 MA's), (344, 2340), (479, 2574), (548, 2676), (632, 2856), (641, 2880), (650, 2898), (663, 2910), (694, 2973), (698, 2985), (725, 3030), (734, 3045), (784, 3123), (811, 3168), (845, 3222), (851, 3228), (917, 3342), (994, 3486), (1019, 3522), (1118, 3675), (1129, 3687), (1175, 3744), (1205, 3780), (1235, 3831), (1251, 3867), (1253, 3870), (1294, 3936),

Gene: Stasia_12 Start: 7329, Stop: 9026, Start Num: 102
Candidate Starts for Stasia_12:
(Start: 102 @7329 has 391 MA's), (Start: 126 @7353 has 206 MA's), (363, 7599), (473, 7782), (476, 7785), (503, 7824), (558, 7893), (569, 7917), (593, 7983), (596, 7992), (634, 8073), (646, 8106), (720, 8238), (778, 8325), (798, 8358), (864, 8424), (915, 8499), (928, 8523), (988, 8589), (992, 8601), (1007, 8628), (1026, 8649), (1096, 8745), (1144, 8814), (1269, 8982), (1292, 9012), (1294, 9015),

Gene: Stayer_8 Start: 3600, Stop: 5366, Start Num: 200
Candidate Starts for Stayer_8:
(Start: 200 @3600 has 5 MA's), (Start: 217 @3618 has 209 MA's), (280, 3711), (287, 3717), (325, 3774), (353, 3837), (458, 4014), (504, 4092), (525, 4113), (580, 4215), (604, 4284), (611, 4299), (628, 4341), (680, 4470), (713, 4545), (728, 4569), (791, 4674), (804, 4698), (868, 4782), (949, 4896), (967, 4914), (1000, 4983), (1003, 4986), (1038, 5037), (1068, 5079), (1131, 5166), (1161, 5193), (1182, 5214), (1196, 5226), (1207, 5244), (1246, 5319),

Gene: SteMason_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for SteMason_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: SteamedHams_6 Start: 1120, Stop: 2799, Start Num: 176
Candidate Starts for SteamedHams_6:
(Start: 176 @1120 has 83 MA's), (Start: 224 @1171 has 17 MA's), (237, 1192), (Start: 239 @1195 has 2 MA's), (295, 1237), (343, 1303), (382, 1363), (394, 1384), (406, 1393), (450, 1480), (468, 1516),

(476, 1525), (507, 1576), (572, 1675), (582, 1696), (596, 1729), (619, 1765), (687, 1909), (706, 1945), (729, 1984), (821, 2131), (863, 2155), (917, 2254), (984, 2338), (1038, 2425), (1112, 2521), (1170, 2569), (1185, 2593), (1265, 2725), (1311, 2785), (1313, 2788),

Gene: Steamy_13 Start: 7952, Stop: 9736, Start Num: 103
Candidate Starts for Steamy_13:
(Start: 103 @7952 has 278 MA's), (Start: 231 @8081 has 26 MA's), (288, 8180), (309, 8204), (350, 8267), (406, 8342), (450, 8423), (476, 8468), (503, 8507), (558, 8579), (593, 8669), (603, 8693), (646, 8792), (663, 8810), (673, 8825), (915, 9212), (980, 9284), (988, 9299), (1007, 9338), (1015, 9341), (1026, 9359), (1096, 9455), (1267, 9689), (1269, 9692), (1290, 9719), (1292, 9722), (1294, 9725),

Gene: Stellammi_2 Start: 539, Stop: 2344, Start Num: 113
Candidate Starts for Stellammi_2:
(Start: 105 @530 has 1 MA's), (Start: 113 @539 has 24 MA's), (243, 680), (282, 752), (343, 839), (434, 980), (476, 1049), (572, 1187), (580, 1205), (596, 1241), (619, 1289), (621, 1292), (698, 1457), (744, 1505), (766, 1529), (791, 1571), (799, 1580), (803, 1586), (913, 1712), (917, 1721), (936, 1748), (939, 1751), (943, 1757), (977, 1796), (1009, 1856), (1086, 2000), (1096, 2012), (1117, 2045), (1132, 2069), (1137, 2078), (1161, 2120), (1184, 2144), (1217, 2192), (1246, 2243), (1249, 2249), (1265, 2279), (1300, 2327), (1305, 2333),

Gene: Stem_3 Start: 1113, Stop: 2573, Start Num: 193
Candidate Starts for Stem_3:
(Start: 193 @1113 has 146 MA's), (Start: 198 @1119 has 6 MA's), (325, 1281), (330, 1290), (377, 1350), (415, 1419), (431, 1440), (455, 1491), (606, 1695), (669, 1830), (744, 1908), (753, 1923), (765, 1941), (777, 1959), (804, 2001), (832, 2034), (840, 2052), (923, 2172), (925, 2175), (936, 2187), (943, 2199), (953, 2211), (990, 2262), (1028, 2319), (1031, 2325), (1038, 2334), (1044, 2343), (1045, 2346), (1186, 2508), (1199, 2517), (1205, 2526), (1232, 2565),

Gene: StepMih_13 Start: 6950, Stop: 8650, Start Num: 104
Candidate Starts for StepMih_13:
(Start: 104 @6950 has 125 MA's), (151, 6998), (292, 7133), (426, 7325), (476, 7412), (593, 7610), (634, 7700), (671, 7763), (760, 7925), (915, 8123), (928, 8147), (930, 8150), (988, 8213), (995, 8234), (1026, 8273), (1096, 8369), (1134, 8423), (1182, 8459), (1269, 8606), (1292, 8636), (1294, 8639),

Gene: Stephig9_9 Start: 5669, Stop: 7423, Start Num: 63
Candidate Starts for Stephig9_9:
(Start: 63 @5669 has 32 MA's), (94, 5711), (125, 5750), (Start: 231 @5858 has 26 MA's), (406, 6065), (536, 6266), (593, 6374), (646, 6503), (743, 6668), (763, 6701), (866, 6821), (915, 6896), (995, 7007), (1007, 7025), (1026, 7046), (1061, 7100), (1096, 7142), (1196, 7247), (1251, 7346), (1269, 7379), (1294, 7412), (1299, 7418),

Gene: StevieRay_2 Start: 401, Stop: 2077, Start Num: 134
Candidate Starts for StevieRay_2:
(Start: 134 @401 has 105 MA's), (313, 617), (338, 656), (360, 713), (362, 719), (373, 737), (397, 782), (404, 794), (409, 803), (414, 809), (451, 866), (459, 887), (467, 899), (541, 989), (636, 1178), (702, 1274), (720, 1304), (736, 1325), (828, 1466), (837, 1478), (873, 1523), (984, 1676), (989, 1685), (1000, 1712), (1031, 1754), (1044, 1772), (1118, 1856), (1130, 1871), (1269, 2060),

Gene: StewieG_10 Start: 6822, Stop: 8510, Start Num: 102
Candidate Starts for StewieG_10:
(Start: 102 @6822 has 391 MA's), (Start: 302 @7002 has 3 MA's), (363, 7086), (383, 7122), (406, 7149), (476, 7272), (558, 7380), (593, 7470), (603, 7494), (621, 7521), (637, 7569), (720, 7725), (760, 7785), (930, 8010), (939, 8019), (952, 8031), (988, 8073), (995, 8094), (1020, 8121), (1096, 8229),

(1182, 8319), (1246, 8424),

Gene: Stickynote_14 Start: 7569, Stop: 9554, Start Num: 15
Candidate Starts for Stickynote_14:
(1, 7305), (2, 7341), (Start: 15 @7569 has 1 MA's), (20, 7623), (33, 7713), (43, 7737), (Start: 106 @7854 has 2 MA's), (Start: 126 @7875 has 206 MA's), (Start: 147 @7899 has 3 MA's), (Start: 202 @7962 has 4 MA's), (Start: 224 @7986 has 17 MA's), (343, 8148), (349, 8163), (359, 8181), (361, 8184), (375, 8208), (384, 8226), (433, 8283), (435, 8286), (454, 8328), (473, 8355), (485, 8373), (503, 8400), (513, 8418), (516, 8421), (558, 8475), (597, 8559), (608, 8583), (621, 8604), (646, 8676), (670, 8706), (695, 8757), (769, 8838), (792, 8871), (916, 9033), (992, 9135), (1007, 9162), (1020, 9171), (1094, 9282), (1166, 9345), (1246, 9456), (1251, 9465), (1301, 9546),

Gene: Stiles_2 Start: 373, Stop: 1959, Start Num: 202
Candidate Starts for Stiles_2:
(Start: 202 @373 has 4 MA's), (Start: 205 @376 has 7 MA's), (Start: 211 @382 has 88 MA's), (341, 553), (374, 631), (380, 640), (483, 814), (575, 916), (584, 925), (586, 931), (587, 940), (618, 1000), (635, 1048), (636, 1051), (719, 1114), (778, 1207), (925, 1429), (944, 1447), (981, 1492), (1001, 1534), (1025, 1570), (1032, 1585), (1052, 1612), (1054, 1615), (1066, 1630), (1070, 1636), (1099, 1663), (1111, 1678), (1143, 1726), (1190, 1774), (1238, 1849), (1278, 1924), (1305, 1948),

Gene: Stink_11 Start: 6849, Stop: 8546, Start Num: 102
Candidate Starts for Stink_11:
(Start: 102 @6849 has 391 MA's), (Start: 126 @6873 has 206 MA's), (Start: 302 @7035 has 3 MA's), (363, 7119), (473, 7302), (476, 7305), (503, 7344), (558, 7413), (569, 7437), (584, 7467), (593, 7503), (634, 7593), (720, 7758), (751, 7803), (778, 7845), (798, 7878), (864, 7944), (915, 8019), (928, 8043), (988, 8109), (1007, 8148), (1026, 8169), (1096, 8265), (1269, 8502), (1292, 8532), (1294, 8535),

Gene: StolenFromERC_10 Start: 2509, Stop: 4179, Start Num: 301
Candidate Starts for StolenFromERC_10:
(Start: 301 @2509 has 48 MA's), (344, 2572), (479, 2806), (548, 2908), (632, 3088), (641, 3112), (650, 3130), (663, 3142), (694, 3205), (698, 3217), (725, 3262), (734, 3277), (784, 3355), (811, 3400), (845, 3454), (851, 3460), (917, 3574), (946, 3622), (994, 3718), (1019, 3754), (1118, 3907), (1129, 3919), (1175, 3976), (1205, 4012), (1235, 4063), (1251, 4099), (1253, 4102), (1294, 4168),

Gene: Stoor_3 Start: 957, Stop: 2582, Start Num: 211
Candidate Starts for Stoor_3:
(Start: 211 @957 has 88 MA's), (330, 1113), (381, 1167), (409, 1221), (426, 1236), (459, 1305), (491, 1350), (554, 1404), (585, 1455), (586, 1458), (607, 1518), (622, 1536), (623, 1539), (632, 1566), (642, 1596), (744, 1758), (898, 1974), (949, 2049), (962, 2061), (1222, 2415), (1249, 2463),

Gene: StressBall_2 Start: 400, Stop: 2076, Start Num: 134
Candidate Starts for StressBall_2:
(Start: 134 @400 has 105 MA's), (313, 616), (338, 655), (360, 712), (362, 718), (373, 736), (397, 781), (404, 793), (409, 802), (414, 808), (451, 865), (459, 886), (467, 898), (541, 988), (636, 1177), (702, 1273), (720, 1303), (736, 1324), (828, 1465), (837, 1477), (873, 1522), (984, 1675), (989, 1684), (1000, 1711), (1031, 1753), (1044, 1771), (1118, 1855), (1130, 1870), (1269, 2059),

Gene: Strokeseat_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for Strokeseat_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 184 @629 has 3 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (310, 758), (372, 845), (419, 905), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295),

(695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1112, 1946), (1130, 1964), (1140, 1979), (1176, 2006), (1202, 2039), (1214, 2060), (1219, 2066), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: Stromboli_3 Start: 957, Stop: 2582, Start Num: 211
Candidate Starts for Stromboli_3:
(Start: 211 @957 has 88 MA's), (330, 1113), (381, 1167), (409, 1221), (426, 1236), (459, 1305), (491, 1350), (554, 1404), (585, 1455), (586, 1458), (607, 1518), (622, 1536), (623, 1539), (632, 1566), (642, 1596), (744, 1758), (898, 1974), (949, 2049), (962, 2061), (1222, 2415), (1249, 2463),

Gene: Strosahl_14 Start: 6647, Stop: 8344, Start Num: 103
Candidate Starts for Strosahl_14:
(Start: 103 @6647 has 278 MA's), (121, 6665), (292, 6827), (445, 7052), (476, 7106), (558, 7214), (571, 7241), (593, 7304), (603, 7328), (928, 7844), (988, 7907), (1015, 7949), (1096, 8063), (1196, 8168), (1269, 8300), (1290, 8327), (1292, 8330), (1294, 8333),

Gene: StuartMinion_2 Start: 373, Stop: 1995, Start Num: 182
Candidate Starts for StuartMinion_2:
(Start: 164 @352 has 12 MA's), (Start: 182 @373 has 18 MA's), (Start: 300 @514 has 12 MA's), (374, 604), (381, 616), (400, 652), (409, 670), (455, 748), (554, 853), (586, 907), (587, 916), (607, 967), (625, 991), (636, 1027), (643, 1048), (682, 1123), (744, 1207), (896, 1423), (905, 1435), (916, 1462), (949, 1501), (953, 1507), (980, 1546), (1014, 1585), (1030, 1618), (1063, 1663), (1157, 1780), (1189, 1816), (1203, 1834), (1246, 1903), (1249, 1909), (1259, 1930), (1304, 1981), (1306, 1984),

Gene: Stuck_2 Start: 500, Stop: 2038, Start Num: 238
Candidate Starts for Stuck_2:
(Start: 229 @488 has 1 MA's), (Start: 238 @500 has 3 MA's), (282, 566), (Start: 297 @584 has 2 MA's), (377, 677), (409, 740), (443, 785), (455, 818), (497, 881), (521, 914), (550, 950), (573, 989), (584, 1004), (596, 1043), (601, 1055), (609, 1073), (623, 1088), (636, 1127), (713, 1268), (728, 1292), (753, 1334), (839, 1454), (873, 1496), (886, 1511), (902, 1535), (953, 1610), (977, 1640), (1047, 1754), (1109, 1844), (1134, 1880), (1144, 1895), (1201, 1952), (1207, 1961), (1210, 1967), (1217, 1979), (1226, 1988), (1243, 2015),

Gene: Studio_4 Start: 1055, Stop: 2593, Start Num: 215
Candidate Starts for Studio_4:
(Start: 215 @1055 has 6 MA's), (220, 1061), (249, 1100), (Start: 297 @1154 has 2 MA's), (381, 1259), (417, 1322), (467, 1409), (599, 1649), (605, 1661), (631, 1718), (710, 1877), (767, 1964), (808, 2027), (1104, 2396),

Gene: Stuu_2 Start: 594, Stop: 2282, Start Num: 122
Candidate Starts for Stuu_2:
(Start: 122 @594 has 16 MA's), (343, 795), (434, 939), (476, 1008), (541, 1095), (572, 1149), (591, 1188), (646, 1323), (705, 1425), (887, 1647), (915, 1698), (1064, 1917), (1096, 1953), (1106, 1968), (1251, 2193), (1256, 2205), (1265, 2220), (1300, 2271),

Gene: SuMoo_2 Start: 632, Stop: 2350, Start Num: 100
Candidate Starts for SuMoo_2:
(Start: 100 @632 has 15 MA's), (434, 1004), (462, 1055), (476, 1073), (572, 1223), (596, 1277), (634, 1355), (654, 1403), (887, 1718), (980, 1853), (1096, 2024), (1106, 2039), (1174, 2138), (1217, 2204), (1256, 2276),

Gene: Subaru_2 Start: 534, Stop: 2240, Start Num: 101

Candidate Starts for Subaru_2:
(Start: 101 @534 has 50 MA's), (Start: 224 @621 has 17 MA's), (444, 906), (476, 963), (491, 984), (512, 1011), (572, 1101), (596, 1155), (619, 1200), (646, 1275), (747, 1404), (800, 1488), (828, 1527), (915, 1650), (1038, 1830), (1061, 1863), (1096, 1905), (1106, 1920), (1196, 2055), (1217, 2091), (1251, 2151), (1256, 2163),

Gene: Success_50 Start: 25807, Stop: 27369, Start Num: 166
Candidate Starts for Success_50:
(Start: 166 @25807 has 2 MA's), (320, 25960), (462, 26191), (465, 26197), (476, 26209), (515, 26260), (572, 26356), (593, 26410), (594, 26413), (644, 26524), (814, 26752), (915, 26863), (920, 26875), (1094, 27109), (1126, 27145), (1251, 27289), (1278, 27334), (1294, 27358),

Gene: Sudan_6 Start: 2505, Stop: 4151, Start Num: 75
Candidate Starts for Sudan_6:
(Start: 70 @2496 has 1 MA's), (Start: 75 @2505 has 95 MA's), (Start: 78 @2508 has 1 MA's), (Start: 92 @2523 has 10 MA's), (325, 2727), (350, 2763), (382, 2808), (443, 2901), (450, 2916), (462, 2943), (468, 2952), (480, 2964), (543, 3051), (571, 3099), (593, 3147), (638, 3246), (663, 3285), (751, 3399), (763, 3420), (786, 3459), (866, 3540), (915, 3609), (917, 3615), (927, 3630), (980, 3693), (1062, 3825), (1096, 3867), (1116, 3894), (1130, 3912), (1184, 3960), (1251, 4068),

Gene: Sue2_2 Start: 539, Stop: 2245, Start Num: 103
Candidate Starts for Sue2_2:
(11, 230), (12, 233), (14, 242), (55, 461), (Start: 103 @539 has 278 MA's), (476, 968), (503, 1010), (572, 1106), (584, 1130), (619, 1205), (640, 1265), (646, 1280), (828, 1532), (915, 1655), (920, 1667), (1007, 1793), (1026, 1814), (1096, 1910), (1106, 1925), (1251, 2156), (1256, 2168),

Gene: Suerte_2 Start: 318, Stop: 1877, Start Num: 134
Candidate Starts for Suerte_2:
(86, 258), (Start: 134 @318 has 105 MA's), (251, 426), (313, 504), (332, 537), (397, 621), (402, 630), (431, 666), (461, 726), (550, 816), (552, 819), (596, 912), (599, 921), (607, 936), (679, 1071), (736, 1137), (760, 1179), (806, 1248), (810, 1254), (837, 1293), (855, 1314), (876, 1344), (895, 1365), (918, 1410), (950, 1446), (952, 1449), (986, 1491), (1003, 1527), (1078, 1620), (1120, 1671), (1200, 1776), (1214, 1800), (1266, 1860),

Gene: Sujidade_7 Start: 2672, Stop: 4318, Start Num: 75
Candidate Starts for Sujidade_7:
(Start: 75 @2672 has 95 MA's), (Start: 92 @2690 has 10 MA's), (325, 2894), (350, 2930), (462, 3110), (480, 3131), (543, 3218), (582, 3290), (593, 3314), (638, 3413), (643, 3428), (663, 3452), (665, 3458), (786, 3626), (915, 3776), (927, 3797), (992, 3887), (1064, 3995), (1096, 4034), (1112, 4055), (1116, 4061), (1130, 4079), (1251, 4235),

Gene: Sukkupi_26 Start: 11957, Stop: 13684, Start Num: 126
Candidate Starts for Sukkupi_26:
(Start: 126 @11957 has 206 MA's), (270, 12107), (317, 12158), (361, 12233), (365, 12242), (425, 12365), (433, 12383), (597, 12665), (612, 12692), (695, 12860), (699, 12872), (798, 12983), (937, 13166), (996, 13280), (1007, 13295), (1031, 13328), (1084, 13403), (1219, 13547), (1246, 13589), (1261, 13619), (1287, 13661),

Gene: Sultana_11 Start: 6885, Stop: 8582, Start Num: 102
Candidate Starts for Sultana_11:
(Start: 102 @6885 has 391 MA's), (Start: 126 @6909 has 206 MA's), (Start: 239 @7032 has 2 MA's), (339, 7122), (363, 7155), (426, 7254), (473, 7338), (476, 7341), (503, 7380), (558, 7449), (569, 7473), (593, 7539), (634, 7629), (720, 7794), (778, 7881), (798, 7914), (864, 7980), (913, 8052), (915, 8055),

(928, 8079), (980, 8130), (988, 8145), (1007, 8184), (1026, 8205), (1096, 8301), (1269, 8538), (1292, 8568), (1294, 8571),

Gene: SummitAcademy_3 Start: 977, Stop: 2653, Start Num: 176
Candidate Starts for SummitAcademy_3:
(Start: 176 @977 has 83 MA's), (Start: 224 @1028 has 17 MA's), (237, 1049), (295, 1094), (325, 1136), (350, 1172), (394, 1238), (450, 1334), (468, 1370), (476, 1379), (480, 1382), (507, 1430), (518, 1442), (572, 1529), (654, 1709), (687, 1763), (756, 1886), (791, 1943), (814, 1976), (890, 2042), (917, 2108), (920, 2114), (988, 2198), (1038, 2279), (1061, 2312), (1116, 2381), (1196, 2459), (1198, 2462), (1253, 2558), (1265, 2579), (1269, 2585), (1311, 2639), (1313, 2642),

Gene: Sumter_10 Start: 6565, Stop: 8253, Start Num: 102
Candidate Starts for Sumter_10:
(Start: 102 @6565 has 391 MA's), (363, 6829), (379, 6853), (476, 7015), (500, 7048), (558, 7123), (593, 7213), (603, 7237), (621, 7264), (637, 7312), (679, 7381), (720, 7468), (760, 7528), (930, 7753), (939, 7762), (952, 7774), (988, 7816), (995, 7837), (1020, 7864), (1096, 7972), (1182, 8062), (1246, 8167),

Gene: Sunhee_11 Start: 6558, Stop: 8312, Start Num: 103
Candidate Starts for Sunhee_11:
(Start: 103 @6558 has 278 MA's), (Start: 123 @6576 has 9 MA's), (Start: 212 @6663 has 5 MA's), (226, 6678), (Start: 231 @6687 has 26 MA's), (266, 6753), (285, 6783), (288, 6786), (325, 6837), (473, 7068), (476, 7071), (558, 7182), (569, 7206), (593, 7272), (603, 7296), (634, 7362), (673, 7428), (727, 7536), (776, 7611), (861, 7713), (915, 7788), (920, 7800), (928, 7812), (930, 7815), (936, 7821), (988, 7875), (1096, 8031), (1144, 8100), (1269, 8268), (1290, 8295), (1296, 8304),

Gene: SunkenRoot_6 Start: 2568, Stop: 4214, Start Num: 75
Candidate Starts for SunkenRoot_6:
(Start: 70 @2559 has 1 MA's), (Start: 75 @2568 has 95 MA's), (Start: 78 @2571 has 1 MA's), (Start: 92 @2586 has 10 MA's), (171, 2640), (189, 2664), (325, 2790), (382, 2871), (443, 2964), (450, 2979), (462, 3006), (468, 3015), (480, 3027), (543, 3114), (571, 3162), (593, 3210), (638, 3309), (663, 3348), (751, 3462), (763, 3483), (786, 3522), (915, 3672), (917, 3678), (927, 3693), (936, 3705), (980, 3756), (1007, 3810), (1062, 3888), (1064, 3891), (1096, 3930), (1116, 3957), (1130, 3975), (1184, 4023), (1251, 4131),

Gene: Sunny4976_8 Start: 3738, Stop: 5486, Start Num: 217
Candidate Starts for Sunny4976_8:
(Start: 200 @3720 has 5 MA's), (Start: 217 @3738 has 209 MA's), (Start: 255 @3795 has 1 MA's), (287, 3837), (458, 4134), (485, 4170), (504, 4212), (525, 4233), (561, 4302), (574, 4326), (604, 4404), (607, 4410), (647, 4518), (680, 4590), (696, 4626), (713, 4665), (728, 4689), (791, 4794), (804, 4818), (868, 4902), (897, 4950), (949, 5016), (961, 5022), (970, 5040), (1000, 5103), (1003, 5106), (1028, 5142), (1125, 5277), (1131, 5286), (1136, 5295), (1146, 5310), (1182, 5334), (1196, 5346), (1226, 5394), (1244, 5436), (1246, 5439),

Gene: SunnyD_2 Start: 648, Stop: 2282, Start Num: 211
Candidate Starts for SunnyD_2:
(Start: 211 @648 has 88 MA's), (282, 738), (306, 765), (409, 912), (459, 996), (491, 1041), (545, 1086), (554, 1095), (585, 1146), (607, 1209), (632, 1257), (642, 1287), (649, 1302), (698, 1383), (896, 1671), (1222, 2115), (1249, 2163), (1318, 2271),

Gene: SunsetPointe_6 Start: 2419, Stop: 4047, Start Num: 92
Candidate Starts for SunsetPointe_6:

(Start: 75 @2401 has 95 MA's), (Start: 92 @2419 has 10 MA's), (325, 2623), (382, 2704), (462, 2839), (480, 2860), (543, 2947), (582, 3019), (593, 3043), (638, 3142), (673, 3196), (751, 3295), (786, 3355), (920, 3517), (927, 3526), (992, 3616), (1007, 3643), (1062, 3721), (1064, 3724), (1096, 3763), (1112, 3784), (1116, 3790), (1130, 3808), (1217, 3904), (1251, 3964),

Gene: Sunshine924_10 Start: 6548, Stop: 8236, Start Num: 102
Candidate Starts for Sunshine924_10:
(Start: 102 @6548 has 391 MA's), (363, 6812), (379, 6836), (476, 6998), (500, 7031), (558, 7106), (584, 7160), (593, 7196), (603, 7220), (621, 7247), (637, 7295), (679, 7364), (720, 7451), (760, 7511), (939, 7745), (952, 7757), (988, 7799), (995, 7820), (1020, 7847), (1096, 7955), (1182, 8045), (1246, 8150),

Gene: Supakev_2 Start: 428, Stop: 1993, Start Num: 155
Candidate Starts for Supakev_2:
(Start: 155 @428 has 82 MA's), (Start: 297 @599 has 2 MA's), (374, 692), (380, 701), (396, 734), (409, 758), (430, 782), (455, 836), (542, 947), (554, 965), (584, 1013), (586, 1019), (607, 1079), (636, 1139), (647, 1169), (759, 1268), (880, 1442), (883, 1451), (905, 1487), (908, 1493), (925, 1529), (962, 1565), (1004, 1634), (1006, 1637), (1015, 1643), (1143, 1784), (1222, 1859), (1272, 1940), (1308, 1979),

Gene: SuperAwesome_15 Start: 7523, Stop: 9277, Start Num: 103
Candidate Starts for SuperAwesome_15:
(Start: 103 @7523 has 278 MA's), (288, 7754), (325, 7805), (350, 7841), (406, 7916), (476, 8039), (503, 8078), (558, 8147), (569, 8171), (571, 8174), (593, 8237), (603, 8261), (671, 8390), (673, 8393), (729, 8504), (855, 8666), (915, 8753), (920, 8765), (928, 8777), (988, 8840), (1007, 8879), (1026, 8900), (1086, 8984), (1096, 8996), (1269, 9233), (1290, 9260), (1292, 9263),

Gene: SuperCallie99_15 Start: 7524, Stop: 9278, Start Num: 103
Candidate Starts for SuperCallie99_15:
(Start: 103 @7524 has 278 MA's), (288, 7755), (325, 7806), (350, 7842), (406, 7917), (476, 8040), (503, 8079), (558, 8148), (569, 8172), (571, 8175), (593, 8238), (603, 8262), (646, 8361), (647, 8364), (671, 8391), (673, 8394), (864, 8679), (920, 8766), (928, 8778), (988, 8841), (1007, 8880), (1026, 8901), (1086, 8985), (1096, 8997), (1269, 9234), (1290, 9261), (1292, 9264),

Gene: SuperGrey_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for SuperGrey_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: SuperHands_2 Start: 640, Stop: 2394, Start Num: 100
Candidate Starts for SuperHands_2:
(Start: 100 @640 has 15 MA's), (Start: 122 @664 has 16 MA's), (434, 1006), (462, 1057), (476, 1075), (538, 1168), (572, 1225), (800, 1648), (915, 1810), (917, 1816), (1038, 1990), (1096, 2065), (1106, 2080), (1172, 2161), (1242, 2284), (1251, 2305), (1256, 2317),

Gene: SuperSulley_25 Start: 12984, Stop: 14714, Start Num: 126
Candidate Starts for SuperSulley_25:

(Start: 126 @12984 has 206 MA's), (Start: 130 @12990 has 2 MA's), (270, 13134), (317, 13185), (319, 13191), (337, 13218), (346, 13230), (361, 13260), (375, 13284), (384, 13302), (597, 13695), (612, 13722), (695, 13890), (699, 13902), (716, 13935), (798, 14013), (959, 14229), (973, 14259), (996, 14310), (1031, 14358), (1084, 14433), (1094, 14445), (1121, 14481), (1246, 14619), (1261, 14649),

Gene: Superchunk_11 Start: 6158, Stop: 7942, Start Num: 103
Candidate Starts for Superchunk_11:
(Start: 103 @6158 has 278 MA's), (288, 6389), (350, 6476), (450, 6629), (473, 6671), (476, 6674), (558, 6785), (569, 6809), (571, 6812), (593, 6875), (603, 6899), (673, 7031), (936, 7451), (1007, 7544), (1026, 7565), (1086, 7649), (1096, 7661), (1198, 7769), (1269, 7898), (1290, 7925), (1292, 7928),

Gene: Superphikiman_10 Start: 3708, Stop: 5240, Start Num: 232
Candidate Starts for Superphikiman_10:
(Start: 196 @3666 has 1 MA's), (207, 3675), (Start: 232 @3708 has 12 MA's), (323, 3822), (360, 3885), (380, 3918), (404, 3966), (452, 4041), (476, 4077), (550, 4152), (552, 4155), (573, 4191), (588, 4224), (713, 4473), (767, 4536), (783, 4563), (900, 4722), (918, 4758), (952, 4788), (962, 4797), (990, 4851), (1000, 4875), (1186, 5109), (1202, 5121),

Gene: Superstar_8 Start: 3315, Stop: 4961, Start Num: 75
Candidate Starts for Superstar_8:
(Start: 75 @3315 has 95 MA's), (363, 3585), (388, 3627), (443, 3711), (462, 3753), (480, 3774), (543, 3861), (582, 3933), (593, 3957), (638, 4056), (654, 4092), (673, 4110), (763, 4230), (766, 4233), (786, 4269), (927, 4440), (936, 4452), (1007, 4557), (1064, 4638), (1096, 4677), (1112, 4698), (1130, 4722), (1251, 4878),

Gene: Suppi_5 Start: 3104, Stop: 4672, Start Num: 155
Candidate Starts for Suppi_5:
(Start: 155 @3104 has 82 MA's), (306, 3290), (325, 3320), (374, 3371), (381, 3383), (396, 3413), (404, 3428), (430, 3461), (489, 3563), (554, 3644), (584, 3692), (607, 3758), (632, 3806), (635, 3815), (637, 3821), (723, 3890), (740, 3917), (759, 3947), (783, 3986), (905, 4166), (953, 4238), (977, 4274), (1044, 4370), (1126, 4436), (1164, 4466), (1169, 4472), (1222, 4538), (1308, 4658),

Gene: Survivors_6 Start: 1843, Stop: 3543, Start Num: 176
Candidate Starts for Survivors_6:
(Start: 176 @1843 has 83 MA's), (203, 1873), (237, 1915), (350, 2053), (383, 2101), (407, 2131), (426, 2164), (443, 2200), (450, 2215), (454, 2230), (476, 2260), (507, 2311), (572, 2410), (582, 2431), (619, 2500), (634, 2542), (645, 2572), (729, 2719), (758, 2770), (798, 2833), (814, 2857), (888, 2923), (908, 2956), (911, 2980), (913, 2983), (917, 2992), (930, 3013), (956, 3040), (988, 3085), (992, 3097), (994, 3103), (1007, 3124), (1035, 3163), (1112, 3262), (1140, 3298), (1222, 3385), (1265, 3466), (1269, 3472), (1311, 3529), (1313, 3532),

Gene: Suscepit_2 Start: 498, Stop: 2222, Start Num: 206
Candidate Starts for Suscepit_2:
(Start: 193 @483 has 146 MA's), (Start: 206 @498 has 29 MA's), (280, 588), (437, 828), (439, 834), (450, 858), (483, 915), (536, 987), (633, 1185), (655, 1227), (664, 1233), (702, 1317), (723, 1344), (793, 1455), (809, 1482), (926, 1659), (1092, 1932), (1094, 1935), (1098, 1941), (1115, 1962), (1141, 2001), (1177, 2049), (1185, 2058), (1205, 2082), (1226, 2100), (1253, 2157), (1295, 2214),

Gene: SushiChef_2 Start: 498, Stop: 2222, Start Num: 206
Candidate Starts for SushiChef_2:
(Start: 193 @483 has 146 MA's), (Start: 206 @498 has 29 MA's), (280, 588), (426, 804), (437, 828), (439, 834), (450, 858), (483, 915), (536, 987), (633, 1185), (655, 1227), (664, 1233), (702, 1317), (723, 1344), (793, 1455), (809, 1482), (926, 1659), (1092, 1932), (1094, 1935), (1098, 1941), (1115, 1962),

(1141, 2001), (1177, 2049), (1185, 2058), (1205, 2082), (1226, 2100), (1253, 2157), (1295, 2214),

Gene: SussRoloMann_6 Start: 1978, Stop: 3408, Start Num: 329
Candidate Starts for SussRoloMann_6:
(201, 1810), (Start: 204 @1813 has 1 MA's), (213, 1822), (Start: 329 @1978 has 15 MA's), (343, 1996), (409, 2119), (427, 2137), (448, 2176), (452, 2185), (504, 2269), (585, 2353), (588, 2368), (601, 2401), (634, 2467), (700, 2599), (819, 2788), (829, 2800), (866, 2848), (898, 2890), (928, 2941), (989, 3016), (990, 3019), (1003, 3046), (1044, 3106), (1069, 3139), (1083, 3154), (1118, 3190), (1154, 3232), (1178, 3259), (1211, 3295), (1214, 3301), (1241, 3340),

Gene: SwagPigglett_2 Start: 573, Stop: 2210, Start Num: 126
Candidate Starts for SwagPigglett_2:
(Start: 126 @573 has 206 MA's), (133, 582), (Start: 147 @597 has 3 MA's), (Start: 176 @618 has 83 MA's), (Start: 217 @654 has 209 MA's), (Start: 219 @657 has 2 MA's), (Start: 231 @675 has 26 MA's), (271, 720), (310, 759), (372, 846), (419, 906), (442, 930), (445, 939), (447, 942), (454, 963), (467, 984), (482, 999), (519, 1056), (543, 1095), (580, 1164), (584, 1170), (597, 1200), (598, 1203), (603, 1212), (612, 1227), (621, 1245), (638, 1296), (689, 1389), (695, 1398), (845, 1569), (859, 1581), (915, 1665), (934, 1695), (937, 1698), (940, 1701), (988, 1758), (993, 1773), (995, 1779), (996, 1782), (1007, 1797), (1020, 1806), (1042, 1845), (1062, 1875), (1082, 1905), (1084, 1914), (1112, 1947), (1140, 1980), (1176, 2007), (1202, 2040), (1222, 2070), (1235, 2091), (1246, 2115), (1251, 2124), (1253, 2127), (1284, 2184),

Gene: Swann_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Swann_8:
(Start: 104 @3156 has 125 MA's), (Start: 302 @3342 has 3 MA's), (350, 3414), (363, 3426), (379, 3450), (383, 3462), (476, 3615), (489, 3630), (536, 3690), (593, 3798), (621, 3855), (718, 4053), (729, 4071), (763, 4125), (892, 4269), (913, 4308), (915, 4311), (936, 4344), (992, 4413), (1096, 4557), (1130, 4602), (1196, 4662), (1251, 4761), (1269, 4794), (1290, 4821), (1292, 4824), (1294, 4827),

Gene: SweatNTears_6 Start: 1637, Stop: 3316, Start Num: 176
Candidate Starts for SweatNTears_6:
(Start: 176 @1637 has 83 MA's), (Start: 224 @1688 has 17 MA's), (237, 1709), (Start: 290 @1748 has 2 MA's), (350, 1835), (382, 1880), (394, 1901), (406, 1910), (443, 1982), (468, 2033), (476, 2042), (507, 2093), (572, 2192), (619, 2282), (687, 2426), (706, 2462), (729, 2501), (747, 2534), (778, 2582), (814, 2639), (863, 2672), (890, 2705), (917, 2771), (920, 2777), (971, 2843), (984, 2855), (1038, 2942), (1112, 3038), (1170, 3086), (1222, 3161), (1265, 3242), (1311, 3302), (1313, 3305),

Gene: SweetCrkHerbs_15 Start: 7689, Stop: 9434, Start Num: 217
Candidate Starts for SweetCrkHerbs_15:
(Start: 217 @7689 has 209 MA's), (222, 7695), (280, 7782), (287, 7788), (315, 7824), (343, 7878), (393, 7974), (504, 8163), (523, 8181), (525, 8184), (561, 8253), (604, 8355), (621, 8391), (628, 8412), (636, 8436), (680, 8541), (709, 8607), (728, 8640), (731, 8646), (748, 8676), (761, 8697), (804, 8769), (949, 8964), (988, 9021), (991, 9030), (1000, 9051), (1003, 9054), (1043, 9114), (1161, 9261), (1182, 9282), (1196, 9294), (1224, 9339), (1244, 9384), (1246, 9387),

Gene: Sweetclover_13 Start: 7366, Stop: 9132, Start Num: 214
Candidate Starts for Sweetclover_13:
(Start: 112 @7252 has 1 MA's), (Start: 214 @7366 has 4 MA's), (Start: 219 @7372 has 2 MA's), (222, 7375), (287, 7468), (431, 7708), (449, 7744), (458, 7768), (483, 7801), (504, 7846), (525, 7867), (574, 7960), (604, 8038), (628, 8095), (653, 8164), (680, 8224), (703, 8275), (728, 8323), (765, 8386), (770, 8395), (804, 8452), (859, 8536), (868, 8548), (967, 8680), (989, 8722), (991, 8728), (1000, 8749), (1003, 8752), (1068, 8845), (1182, 8980), (1196, 8992), (1226, 9040), (1242, 9073), (1246, 9085),

Gene: SweetiePie_12 Start: 7386, Stop: 9173, Start Num: 103
Candidate Starts for SweetiePie_12:
(Start: 103 @7386 has 278 MA's), (Start: 206 @7494 has 29 MA's), (226, 7515), (288, 7623), (334, 7683), (406, 7785), (473, 7905), (476, 7908), (558, 8016), (593, 8106), (603, 8130), (663, 8247), (673, 8262), (857, 8562), (992, 8748), (1007, 8775), (1026, 8796), (1096, 8892), (1269, 9129), (1290, 9156), (1292, 9159),

Gene: Swervy_3 Start: 676, Stop: 2304, Start Num: 211
Candidate Starts for Swervy_3:
(Start: 211 @676 has 88 MA's), (330, 832), (409, 940), (459, 1024), (479, 1048), (554, 1123), (585, 1174), (586, 1177), (607, 1237), (622, 1255), (632, 1285), (642, 1315), (949, 1771), (963, 1786), (1222, 2137), (1318, 2293),

Gene: SwirlSquare_13 Start: 6290, Stop: 8074, Start Num: 103
Candidate Starts for SwirlSquare_13:
(Start: 103 @6290 has 278 MA's), (288, 6521), (350, 6608), (450, 6761), (473, 6803), (476, 6806), (558, 6917), (593, 7007), (603, 7031), (673, 7163), (679, 7175), (1007, 7676), (1026, 7697), (1086, 7781), (1096, 7793), (1198, 7901), (1269, 8030), (1290, 8057), (1292, 8060),

Gene: Swirley_9 Start: 6131, Stop: 7909, Start Num: 53
Candidate Starts for Swirley_9:
(Start: 53 @6131 has 20 MA's), (Start: 63 @6158 has 32 MA's), (114, 6227), (228, 6341), (Start: 231 @6347 has 26 MA's), (350, 6479), (406, 6554), (407, 6557), (426, 6590), (445, 6623), (521, 6731), (536, 6755), (558, 6788), (593, 6863), (613, 6908), (643, 6986), (646, 6992), (679, 7037), (743, 7157), (763, 7190), (778, 7211), (915, 7385), (928, 7409), (930, 7412), (988, 7472), (992, 7484), (1007, 7511), (1026, 7532), (1086, 7616), (1096, 7628), (1269, 7865), (1294, 7898), (1299, 7904),

Gene: SwissCheese_11 Start: 7010, Stop: 8698, Start Num: 102
Candidate Starts for SwissCheese_11:
(Start: 102 @7010 has 391 MA's), (Start: 302 @7190 has 3 MA's), (363, 7274), (383, 7310), (476, 7460), (558, 7568), (593, 7658), (603, 7682), (637, 7757), (679, 7826), (720, 7913), (760, 7973), (939, 8207), (952, 8219), (988, 8261), (995, 8282), (1020, 8309), (1096, 8417), (1182, 8507), (1246, 8612),

Gene: Switzer_12 Start: 6933, Stop: 8621, Start Num: 102
Candidate Starts for Switzer_12:
(Start: 102 @6933 has 391 MA's), (363, 7197), (379, 7221), (456, 7356), (476, 7383), (500, 7416), (558, 7491), (593, 7581), (603, 7605), (621, 7632), (637, 7680), (679, 7749), (720, 7836), (758, 7893), (760, 7896), (930, 8121), (939, 8130), (952, 8142), (988, 8184), (995, 8205), (1020, 8232), (1096, 8340), (1182, 8430), (1246, 8535),

Gene: Switzerland_14 Start: 6808, Stop: 8505, Start Num: 103
Candidate Starts for Switzerland_14:
(Start: 103 @6808 has 278 MA's), (121, 6826), (292, 6988), (406, 7144), (445, 7213), (476, 7267), (558, 7375), (571, 7402), (593, 7465), (603, 7489), (928, 8005), (988, 8068), (1015, 8110), (1096, 8224), (1196, 8329), (1269, 8461), (1290, 8488), (1292, 8491), (1294, 8494),

Gene: Swole_13 Start: 7479, Stop: 9167, Start Num: 102
Candidate Starts for Swole_13:
(Start: 102 @7479 has 391 MA's), (Start: 302 @7659 has 3 MA's), (363, 7743), (383, 7779), (406, 7806), (476, 7929), (558, 8037), (593, 8127), (603, 8151), (621, 8178), (637, 8226), (720, 8382), (760, 8442), (939, 8676), (952, 8688), (988, 8730), (995, 8751), (1020, 8778), (1096, 8886), (1182, 8976), (1246, 9081),

Gene: SydNat_9 Start: 6265, Stop: 8016, Start Num: 63
Candidate Starts for SydNat_9:
(Start: 53 @6238 has 20 MA's), (Start: 63 @6265 has 32 MA's), (114, 6334), (Start: 154 @6373 has 1 MA's), (228, 6448), (Start: 231 @6454 has 26 MA's), (350, 6586), (406, 6661), (407, 6664), (445, 6730), (521, 6838), (536, 6862), (593, 6970), (613, 7015), (643, 7093), (646, 7099), (647, 7102), (743, 7264), (747, 7270), (763, 7297), (915, 7492), (928, 7516), (988, 7579), (992, 7591), (1007, 7618), (1026, 7639), (1061, 7693), (1086, 7723), (1096, 7735), (1269, 7972), (1294, 8005), (1299, 8011),

Gene: Syleon_13 Start: 5040, Stop: 6515, Start Num: 234
Candidate Starts for Syleon_13:
(Start: 234 @5040 has 29 MA's), (332, 5187), (374, 5226), (381, 5238), (453, 5361), (454, 5367), (508, 5448), (550, 5502), (552, 5505), (586, 5562), (599, 5604), (605, 5616), (623, 5640), (631, 5664), (646, 5706), (757, 5886), (790, 5928), (869, 6009), (902, 6054), (912, 6078), (952, 6123), (990, 6183), (1033, 6246), (1038, 6252), (1102, 6324), (1118, 6342), (1132, 6360), (1217, 6459), (1230, 6477), (1245, 6507),

Gene: Synepsis_6 Start: 3714, Stop: 5453, Start Num: 217
Candidate Starts for Synepsis_6:
(Start: 217 @3714 has 209 MA's), (287, 3813), (353, 3933), (426, 4032), (446, 4074), (458, 4104), (482, 4134), (504, 4182), (525, 4203), (580, 4305), (604, 4374), (616, 4398), (680, 4560), (713, 4635), (728, 4659), (804, 4788), (868, 4869), (949, 4983), (967, 5001), (970, 5007), (1000, 5070), (1003, 5073), (1136, 5262), (1146, 5277), (1163, 5283), (1182, 5301), (1196, 5313), (1244, 5403), (1246, 5406),

Gene: TBrady12_10 Start: 2509, Stop: 4179, Start Num: 301
Candidate Starts for TBrady12_10:
(Start: 301 @2509 has 48 MA's), (344, 2572), (479, 2806), (548, 2908), (632, 3088), (641, 3112), (650, 3130), (663, 3142), (694, 3205), (698, 3217), (725, 3262), (734, 3277), (784, 3355), (811, 3400), (845, 3454), (851, 3460), (917, 3574), (946, 3622), (994, 3718), (1007, 3739), (1019, 3754), (1118, 3907), (1129, 3919), (1175, 3976), (1205, 4012), (1235, 4063), (1251, 4099), (1253, 4102), (1294, 4168),

Gene: TChen_2 Start: 458, Stop: 2236, Start Num: 113
Candidate Starts for TChen_2:
(Start: 113 @458 has 24 MA's), (170, 509), (Start: 186 @530 has 2 MA's), (218, 560), (Start: 224 @566 has 17 MA's), (233, 581), (271, 632), (320, 695), (Start: 324 @707 has 4 MA's), (350, 743), (383, 791), (392, 806), (406, 818), (409, 824), (442, 881), (443, 884), (445, 890), (452, 905), (460, 923), (462, 926), (476, 944), (572, 1085), (580, 1103), (593, 1130), (603, 1154), (619, 1187), (647, 1265), (699, 1355), (704, 1364), (711, 1379), (763, 1421), (766, 1424), (791, 1466), (798, 1475), (814, 1499), (868, 1541), (870, 1544), (892, 1568), (913, 1607), (915, 1610), (923, 1625), (936, 1643), (939, 1646), (996, 1727), (1007, 1742), (1009, 1745), (1013, 1757), (1029, 1796), (1061, 1847), (1064, 1853), (1086, 1889), (1096, 1901), (1111, 1925), (1128, 1952), (1133, 1961), (1134, 1964), (1184, 2036), (1217, 2084), (1224, 2090), (1242, 2123), (1243, 2129), (1246, 2135), (1249, 2141), (1251, 2144), (1256, 2156), (1267, 2174), (1281, 2195), (1293, 2213), (1302, 2225),

Gene: TDanisky_2 Start: 588, Stop: 2225, Start Num: 126
Candidate Starts for TDanisky_2:
(Start: 126 @588 has 206 MA's), (Start: 139 @603 has 1 MA's), (Start: 147 @612 has 3 MA's), (153, 618), (Start: 184 @645 has 3 MA's), (Start: 217 @669 has 209 MA's), (Start: 219 @672 has 2 MA's), (271, 735), (291, 753), (310, 774), (372, 861), (375, 867), (419, 921), (433, 933), (442, 945), (445, 954), (447, 957), (454, 978), (467, 999), (519, 1071), (543, 1110), (580, 1179), (584, 1185), (597, 1215), (598, 1218), (603, 1227), (612, 1242), (621, 1260), (638, 1311), (695, 1413), (845, 1584), (859, 1596), (915, 1680), (934, 1710), (937, 1713), (940, 1716), (988, 1773), (993, 1788), (995, 1794), (996, 1797), (1007, 1812), (1020, 1821), (1062, 1890), (1082, 1920), (1084, 1929), (1112, 1962), (1140, 1995),

(1176, 2022), (1202, 2055), (1219, 2082), (1222, 2085), (1235, 2106), (1246, 2130), (1251, 2139), (1253, 2142), (1284, 2199),

Gene: TG1_2 Start: 587, Stop: 2161, Start Num: 299
Candidate Starts for TG1_2:
(Start: 299 @587 has 3 MA's), (391, 734), (450, 824), (479, 872), (485, 884), (535, 953), (548, 977), (564, 1007), (578, 1028), (591, 1061), (655, 1190), (664, 1196), (764, 1355), (833, 1466), (856, 1499), (903, 1553), (905, 1556), (944, 1625), (973, 1682), (1062, 1835), (1076, 1856), (1128, 1919), (1199, 2006), (1203, 2012), (1212, 2024), (1219, 2036), (1226, 2039), (1260, 2111),

Gene: TMaxx_4 Start: 1204, Stop: 2733, Start Num: 212
Candidate Starts for TMaxx_4:
(Start: 212 @1204 has 5 MA's), (249, 1249), (284, 1288), (467, 1558), (599, 1789), (605, 1801), (631, 1858), (685, 1978), (710, 2014), (721, 2035), (767, 2101), (770, 2107), (914, 2302), (990, 2398), (1104, 2533),

Gene: TNguyen7_11 Start: 6466, Stop: 8163, Start Num: 102
Candidate Starts for TNguyen7_11:
(Start: 102 @6466 has 391 MA's), (Start: 126 @6490 has 206 MA's), (174, 6538), (363, 6736), (406, 6799), (465, 6910), (476, 6922), (503, 6961), (518, 6973), (558, 7030), (569, 7054), (593, 7120), (596, 7129), (634, 7210), (643, 7237), (720, 7375), (778, 7462), (798, 7495), (864, 7561), (915, 7636), (928, 7660), (930, 7663), (936, 7669), (943, 7678), (980, 7711), (988, 7726), (1026, 7786), (1096, 7882), (1130, 7927), (1134, 7936), (1253, 8089), (1269, 8119), (1292, 8149), (1294, 8152),

Gene: TPA4_2 Start: 526, Stop: 2238, Start Num: 159
Candidate Starts for TPA4_2:
(94, 451), (Start: 110 @475 has 2 MA's), (137, 505), (159, 526), (Start: 181 @550 has 21 MA's), (226, 595), (271, 658), (343, 757), (350, 772), (414, 856), (429, 889), (432, 898), (476, 970), (537, 1048), (541, 1054), (580, 1126), (596, 1162), (623, 1219), (631, 1243), (892, 1585), (920, 1639), (936, 1660), (943, 1669), (992, 1738), (1007, 1765), (1009, 1768), (1064, 1876), (1086, 1909), (1096, 1921), (1189, 2044), (1246, 2137), (1249, 2143), (1302, 2227),

Gene: TWAMP_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for TWAMP_8:
(Start: 104 @3156 has 125 MA's), (Start: 302 @3342 has 3 MA's), (350, 3414), (363, 3426), (379, 3450), (383, 3462), (476, 3615), (489, 3630), (536, 3690), (593, 3798), (621, 3855), (718, 4053), (729, 4071), (763, 4125), (892, 4269), (913, 4308), (915, 4311), (936, 4344), (992, 4413), (1096, 4557), (1130, 4602), (1196, 4662), (1251, 4761), (1269, 4794), (1290, 4821), (1292, 4824), (1294, 4827),

Gene: TZGordon_9 Start: 3612, Stop: 5219, Start Num: 191
Candidate Starts for TZGordon_9:
(Start: 119 @3534 has 3 MA's), (Start: 191 @3612 has 6 MA's), (379, 3840), (400, 3882), (430, 3924), (443, 3945), (452, 3966), (554, 4104), (586, 4158), (625, 4242), (626, 4245), (627, 4248), (636, 4278), (803, 4485), (883, 4608), (930, 4695), (950, 4710), (963, 4725), (1002, 4788), (1044, 4848), (1050, 4857), (1080, 4899), (1132, 4974), (1133, 4977), (1169, 5010), (1222, 5076), (1251, 5127), (1310, 5205), (1316, 5211),

Gene: TagePhighter_7 Start: 2376, Stop: 4022, Start Num: 75
Candidate Starts for TagePhighter_7:
(Start: 75 @2376 has 95 MA's), (Start: 92 @2394 has 10 MA's), (Start: 239 @2526 has 2 MA's), (325, 2598), (350, 2634), (462, 2814), (480, 2835), (515, 2880), (543, 2922), (582, 2994), (593, 3018), (638, 3117), (643, 3132), (663, 3156), (665, 3162), (786, 3330), (841, 3390), (915, 3480), (927, 3501), (992, 3591), (1064, 3699), (1096, 3738), (1112, 3759), (1116, 3765), (1130, 3783), (1251, 3939), (1300,

4017),

Gene: TaidaOne_8 Start: 3146, Stop: 4891, Start Num: 217
Candidate Starts for TaidaOne_8:
(Start: 217 @3146 has 209 MA's), (252, 3200), (Start: 255 @3203 has 1 MA's), (280, 3239), (287, 3245), (430, 3479), (485, 3578), (504, 3620), (525, 3641), (547, 3683), (556, 3695), (596, 3794), (604, 3812), (621, 3848), (713, 4073), (728, 4097), (731, 4103), (804, 4226), (859, 4295), (940, 4412), (944, 4418), (967, 4439), (1000, 4508), (1003, 4511), (1038, 4562), (1101, 4649), (1146, 4715), (1182, 4739), (1196, 4751), (1207, 4769), (1244, 4841), (1246, 4844),

Gene: TailX7_2 Start: 351, Stop: 1808, Start Num: 182
Candidate Starts for TailX7_2:
(Start: 182 @351 has 18 MA's), (189, 360), (Start: 194 @366 has 13 MA's), (454, 699), (577, 849), (596, 903), (629, 966), (789, 1191), (829, 1239), (864, 1287), (908, 1350), (912, 1359), (988, 1461), (1061, 1569), (1069, 1581), (1126, 1662), (1199, 1755), (1205, 1764), (1227, 1797),

Gene: Tailonex_9 Start: 6694, Stop: 8352, Start Num: 125
Candidate Starts for Tailonex_9:
(125, 6694), (Start: 239 @6814 has 2 MA's), (292, 6853), (363, 6946), (536, 7204), (543, 7216), (553, 7231), (572, 7267), (593, 7312), (603, 7336), (621, 7369), (673, 7474), (727, 7582), (747, 7612), (848, 7741), (1038, 7996), (1096, 8071), (1267, 8305),

Gene: Tairn4Wing_15 Start: 7494, Stop: 9239, Start Num: 217
Candidate Starts for Tairn4Wing_15:
(Start: 217 @7494 has 209 MA's), (222, 7500), (287, 7593), (315, 7629), (343, 7683), (393, 7779), (504, 7968), (523, 7986), (525, 7989), (561, 8058), (604, 8160), (621, 8196), (628, 8217), (636, 8241), (660, 8298), (680, 8346), (709, 8412), (728, 8445), (731, 8451), (748, 8481), (761, 8502), (804, 8574), (949, 8769), (991, 8835), (1000, 8856), (1003, 8859), (1043, 8919), (1125, 9030), (1161, 9066), (1182, 9087), (1196, 9099), (1224, 9144), (1226, 9147), (1244, 9189), (1246, 9192),

Gene: Taj_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Taj_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Takoda_8 Start: 3148, Stop: 4830, Start Num: 104
Candidate Starts for Takoda_8:
(Start: 104 @3148 has 125 MA's), (Start: 302 @3334 has 3 MA's), (350, 3406), (363, 3418), (379, 3442), (383, 3454), (489, 3622), (536, 3682), (593, 3790), (718, 4045), (763, 4117), (766, 4120), (892, 4261), (915, 4303), (936, 4336), (988, 4393), (992, 4405), (1096, 4549), (1130, 4594), (1196, 4654), (1251, 4753), (1269, 4786), (1290, 4813), (1292, 4816), (1294, 4819),

Gene: Tallboi_2 Start: 534, Stop: 2240, Start Num: 101
Candidate Starts for Tallboi_2:
(Start: 101 @534 has 50 MA's), (444, 906), (476, 963), (491, 984), (512, 1011), (572, 1101), (596, 1155), (619, 1200), (646, 1275), (800, 1488), (828, 1527), (915, 1650), (1096, 1905), (1106, 1920),

(1196, 2055), (1217, 2091), (1251, 2151), (1256, 2163),

Gene: Talon44_14 Start: 7689, Stop: 9434, Start Num: 217
Candidate Starts for Talon44_14:
(Start: 217 @7689 has 209 MA's), (222, 7695), (280, 7782), (287, 7788), (315, 7824), (343, 7878), (393, 7974), (504, 8163), (523, 8181), (525, 8184), (561, 8253), (604, 8355), (621, 8391), (628, 8412), (636, 8436), (680, 8541), (709, 8607), (728, 8640), (731, 8646), (748, 8676), (761, 8697), (804, 8769), (949, 8964), (988, 9021), (991, 9030), (1000, 9051), (1003, 9054), (1043, 9114), (1161, 9261), (1182, 9282), (1196, 9294), (1224, 9339), (1244, 9384), (1246, 9387),

Gene: Tanis_13 Start: 7063, Stop: 8808, Start Num: 217
Candidate Starts for Tanis_13:
(Start: 217 @7063 has 209 MA's), (222, 7069), (280, 7156), (287, 7162), (315, 7198), (343, 7252), (504, 7537), (523, 7555), (525, 7558), (561, 7627), (604, 7729), (621, 7765), (628, 7786), (636, 7810), (660, 7867), (680, 7915), (709, 7981), (728, 8014), (731, 8020), (748, 8050), (761, 8071), (804, 8143), (949, 8338), (991, 8404), (1000, 8425), (1003, 8428), (1043, 8488), (1125, 8599), (1161, 8635), (1182, 8656), (1196, 8668), (1244, 8758), (1246, 8761),

Gene: Tapioca_2 Start: 504, Stop: 2036, Start Num: 234
Candidate Starts for Tapioca_2:
(Start: 231 @501 has 26 MA's), (Start: 234 @504 has 29 MA's), (243, 516), (Start: 245 @519 has 1 MA's), (282, 576), (Start: 297 @594 has 2 MA's), (309, 606), (368, 678), (380, 696), (390, 714), (400, 735), (443, 798), (459, 837), (487, 870), (508, 918), (573, 1002), (584, 1017), (601, 1068), (605, 1077), (623, 1101), (636, 1140), (637, 1143), (641, 1155), (713, 1281), (728, 1305), (769, 1368), (830, 1452), (886, 1524), (902, 1548), (925, 1590), (930, 1599), (977, 1656), (995, 1695), (1033, 1752), (1041, 1758), (1047, 1761), (1079, 1782), (1109, 1830), (1134, 1866), (1207, 1947), (1210, 1953),

Gene: Taquarus_11 Start: 6887, Stop: 8584, Start Num: 102
Candidate Starts for Taquarus_11:
(Start: 102 @6887 has 391 MA's), (Start: 126 @6911 has 206 MA's), (Start: 239 @7034 has 2 MA's), (339, 7124), (363, 7157), (426, 7256), (473, 7340), (476, 7343), (503, 7382), (558, 7451), (569, 7475), (593, 7541), (634, 7631), (720, 7796), (778, 7883), (798, 7916), (864, 7982), (913, 8054), (915, 8057), (928, 8081), (980, 8132), (988, 8147), (1007, 8186), (1026, 8207), (1096, 8303), (1269, 8540), (1292, 8570), (1294, 8573),

Gene: Target_13 Start: 7766, Stop: 9457, Start Num: 102
Candidate Starts for Target_13:
(Start: 102 @7766 has 391 MA's), (Start: 302 @7946 has 3 MA's), (363, 8030), (392, 8081), (476, 8216), (558, 8327), (569, 8351), (593, 8417), (603, 8441), (687, 8609), (758, 8729), (760, 8732), (915, 8930), (930, 8957), (991, 9029), (995, 9041), (1015, 9062), (1049, 9119), (1096, 9176), (1182, 9266), (1184, 9269), (1251, 9380), (1253, 9383), (1269, 9413), (1292, 9443), (1294, 9446),

Gene: Tarnish_4 Start: 1276, Stop: 2952, Start Num: 176
Candidate Starts for Tarnish_4:
(Start: 176 @1276 has 83 MA's), (Start: 224 @1327 has 17 MA's), (237, 1348), (295, 1393), (350, 1471), (394, 1537), (450, 1633), (468, 1669), (476, 1678), (480, 1681), (507, 1729), (518, 1741), (572, 1828), (654, 2008), (687, 2062), (791, 2242), (814, 2275), (890, 2341), (917, 2407), (920, 2413), (988, 2497), (1038, 2578), (1061, 2611), (1116, 2680), (1196, 2758), (1253, 2857), (1265, 2878), (1269, 2884), (1311, 2938), (1313, 2941),

Gene: TaronosaurasRx_2 Start: 522, Stop: 2171, Start Num: 126
Candidate Starts for TaronosaurasRx_2:

(Start: 126 @522 has 206 MA's), (Start: 160 @552 has 5 MA's), (313, 723), (381, 807), (454, 933), (459, 942), (505, 1008), (541, 1056), (607, 1191), (736, 1392), (760, 1434), (783, 1467), (835, 1548), (846, 1566), (854, 1569), (952, 1713), (962, 1722), (984, 1755), (988, 1761), (1023, 1815), (1031, 1833), (1044, 1851), (1111, 1923), (1135, 1959), (1178, 2013), (1200, 2040), (1220, 2073), (1249, 2124),

Gene: TarsusIV_12 Start: 7454, Stop: 9241, Start Num: 103
Candidate Starts for TarsusIV_12:
(Start: 103 @7454 has 278 MA's), (Start: 206 @7562 has 29 MA's), (226, 7583), (271, 7667), (288, 7691), (350, 7778), (388, 7832), (443, 7916), (473, 7973), (476, 7976), (558, 8084), (593, 8174), (603, 8198), (663, 8315), (673, 8330), (869, 8645), (915, 8717), (992, 8816), (1007, 8843), (1026, 8864), (1096, 8960), (1269, 9197), (1292, 9227),

Gene: Tarynearal_8 Start: 6158, Stop: 7936, Start Num: 53
Candidate Starts for Tarynearal_8:
(Start: 53 @6158 has 20 MA's), (Start: 63 @6185 has 32 MA's), (114, 6254), (228, 6368), (Start: 231 @6374 has 26 MA's), (350, 6506), (406, 6581), (407, 6584), (426, 6617), (445, 6650), (521, 6758), (536, 6782), (558, 6815), (593, 6890), (613, 6935), (643, 7013), (646, 7019), (679, 7064), (763, 7217), (778, 7238), (915, 7412), (928, 7436), (930, 7439), (988, 7499), (992, 7511), (1007, 7538), (1026, 7559), (1086, 7643), (1096, 7655), (1269, 7892), (1294, 7925), (1299, 7931),

Gene: Tarzan_2 Start: 511, Stop: 2100, Start Num: 194
Candidate Starts for Tarzan_2:
(Start: 194 @511 has 13 MA's), (306, 646), (312, 652), (379, 733), (396, 769), (430, 817), (459, 877), (489, 919), (491, 922), (510, 946), (512, 949), (554, 976), (587, 1039), (623, 1111), (633, 1141), (635, 1147), (636, 1150), (637, 1153), (815, 1417), (829, 1432), (832, 1435), (836, 1447), (881, 1507), (908, 1552), (914, 1570), (943, 1609), (1020, 1702), (1030, 1723), (1035, 1732), (1103, 1816), (1132, 1852), (1189, 1924), (1249, 2017), (1259, 2035), (1306, 2089),

Gene: Tasp14_12 Start: 7250, Stop: 8938, Start Num: 102
Candidate Starts for Tasp14_12:
(Start: 102 @7250 has 391 MA's), (Start: 302 @7430 has 3 MA's), (363, 7514), (383, 7550), (406, 7577), (476, 7700), (558, 7808), (593, 7898), (603, 7922), (621, 7949), (637, 7997), (679, 8066), (720, 8153), (760, 8213), (939, 8447), (952, 8459), (988, 8501), (995, 8522), (1020, 8549), (1096, 8657), (1182, 8747), (1246, 8852),

Gene: Tatanka_6 Start: 3654, Stop: 5393, Start Num: 217
Candidate Starts for Tatanka_6:
(Start: 217 @3654 has 209 MA's), (287, 3753), (353, 3873), (426, 3972), (446, 4014), (458, 4044), (482, 4074), (504, 4122), (525, 4143), (580, 4245), (604, 4314), (616, 4338), (680, 4500), (713, 4575), (728, 4599), (804, 4728), (868, 4809), (949, 4923), (967, 4941), (970, 4947), (1000, 5010), (1003, 5013), (1136, 5202), (1146, 5217), (1163, 5223), (1182, 5241), (1196, 5253), (1244, 5343), (1246, 5346),

Gene: TattModd_5 Start: 3127, Stop: 4692, Start Num: 155
Candidate Starts for TattModd_5:
(Start: 155 @3127 has 82 MA's), (Start: 324 @3337 has 4 MA's), (374, 3391), (404, 3448), (409, 3457), (573, 3697), (584, 3712), (586, 3718), (607, 3778), (636, 3838), (740, 3937), (759, 3967), (768, 3982), (815, 4063), (880, 4141), (883, 4150), (905, 4186), (923, 4225), (953, 4258), (963, 4267), (977, 4294), (1020, 4348), (1044, 4390), (1111, 4435), (1126, 4456), (1141, 4480), (1222, 4558), (1308, 4678),

Gene: Taurus_13 Start: 6955, Stop: 8655, Start Num: 104
Candidate Starts for Taurus_13:

(Start: 104 @6955 has 125 MA's), (151, 7003), (292, 7138), (426, 7330), (476, 7417), (501, 7453), (593, 7615), (634, 7705), (671, 7768), (760, 7930), (915, 8128), (928, 8152), (930, 8155), (988, 8218), (995, 8239), (1026, 8278), (1096, 8374), (1134, 8428), (1182, 8464), (1269, 8611), (1292, 8641), (1294, 8644),

Gene: TaylorSipht_3 Start: 775, Stop: 2355, Start Num: 224
Candidate Starts for TaylorSipht_3:
(Start: 164 @709 has 12 MA's), (Start: 224 @775 has 17 MA's), (248, 811), (Start: 300 @871 has 12 MA's), (306, 880), (325, 910), (377, 964), (401, 1012), (409, 1027), (430, 1051), (451, 1090), (554, 1210), (586, 1264), (587, 1273), (607, 1324), (619, 1336), (625, 1348), (636, 1384), (643, 1405), (674, 1465), (682, 1483), (687, 1495), (698, 1504), (744, 1567), (829, 1681), (832, 1684), (896, 1783), (905, 1795), (949, 1861), (963, 1876), (980, 1906), (1014, 1945), (1017, 1954), (1203, 2194), (1246, 2263), (1249, 2269), (1267, 2305), (1306, 2344),

Gene: Tayonia_2 Start: 498, Stop: 2222, Start Num: 206
Candidate Starts for Tayonia_2:
(Start: 193 @483 has 146 MA's), (Start: 206 @498 has 29 MA's), (280, 588), (437, 828), (439, 834), (450, 858), (483, 915), (536, 987), (633, 1185), (655, 1227), (664, 1233), (702, 1317), (723, 1344), (793, 1455), (809, 1482), (926, 1659), (1092, 1932), (1094, 1935), (1098, 1941), (1115, 1962), (1141, 2001), (1177, 2049), (1185, 2058), (1205, 2082), (1226, 2100), (1253, 2157), (1295, 2214),

Gene: Tbone_2 Start: 533, Stop: 2239, Start Num: 101
Candidate Starts for Tbone_2:
(Start: 101 @533 has 50 MA's), (444, 905), (476, 962), (512, 1010), (572, 1100), (596, 1154), (646, 1274), (699, 1364), (828, 1526), (915, 1649), (1096, 1904), (1106, 1919), (1196, 2054), (1244, 2138), (1256, 2162),

Gene: Teacup_7 Start: 3549, Stop: 5288, Start Num: 217
Candidate Starts for Teacup_7:
(Start: 217 @3549 has 209 MA's), (287, 3648), (353, 3768), (426, 3867), (446, 3909), (458, 3939), (482, 3969), (504, 4017), (525, 4038), (580, 4140), (604, 4209), (616, 4233), (647, 4323), (680, 4395), (713, 4470), (728, 4494), (791, 4599), (804, 4623), (868, 4704), (897, 4752), (949, 4818), (967, 4836), (970, 4842), (1000, 4905), (1003, 4908), (1101, 5046), (1146, 5112), (1182, 5136), (1196, 5148), (1244, 5238), (1246, 5241),

Gene: Teagster_2 Start: 651, Stop: 2285, Start Num: 211
Candidate Starts for Teagster_2:
(Start: 211 @651 has 88 MA's), (282, 741), (306, 768), (409, 915), (459, 999), (491, 1044), (545, 1089), (554, 1098), (585, 1149), (607, 1212), (632, 1260), (642, 1290), (649, 1305), (698, 1386), (896, 1674), (1222, 2118), (1249, 2166), (1318, 2274),

Gene: Teaspoon_8 Start: 2003, Stop: 3673, Start Num: 296
Candidate Starts for Teaspoon_8:
(Start: 296 @2003 has 11 MA's), (479, 2300), (548, 2402), (632, 2582), (641, 2606), (650, 2624), (663, 2636), (694, 2699), (698, 2711), (725, 2756), (734, 2771), (784, 2849), (811, 2894), (845, 2948), (851, 2954), (917, 3068), (946, 3116), (994, 3212), (1007, 3233), (1019, 3248), (1118, 3401), (1129, 3413), (1175, 3470), (1205, 3506), (1235, 3557), (1251, 3593), (1253, 3596), (1294, 3662),

Gene: Techage_2 Start: 413, Stop: 2089, Start Num: 134
Candidate Starts for Techage_2:
(Start: 134 @413 has 105 MA's), (313, 629), (338, 668), (360, 725), (362, 731), (373, 749), (397, 794), (400, 797), (404, 806), (409, 815), (414, 821), (417, 824), (451, 878), (459, 899), (467, 911), (541, 1001), (636, 1190), (702, 1286), (736, 1337), (828, 1478), (837, 1490), (984, 1688), (989, 1697), (1000,

1724), (1031, 1766), (1044, 1784), (1118, 1868), (1130, 1883), (1269, 2072),

Gene: TeddyBoy_3 Start: 1086, Stop: 2546, Start Num: 193
Candidate Starts for TeddyBoy_3:
(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (744, 1881), (753, 1896), (777, 1932), (804, 1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: Tefunt_6 Start: 2173, Stop: 3822, Start Num: 75
Candidate Starts for Tefunt_6:
(Start: 75 @2173 has 95 MA's), (309, 2371), (325, 2398), (363, 2446), (382, 2479), (394, 2500), (450, 2587), (462, 2614), (480, 2635), (515, 2680), (543, 2722), (582, 2794), (593, 2818), (638, 2917), (654, 2953), (673, 2971), (763, 3091), (766, 3094), (786, 3130), (866, 3211), (927, 3301), (936, 3313), (980, 3364), (992, 3391), (1007, 3418), (1096, 3538), (1112, 3559), (1130, 3583), (1196, 3643), (1251, 3739), (1300, 3817),

Gene: Temper16_2 Start: 428, Stop: 1993, Start Num: 155
Candidate Starts for Temper16_2:
(Start: 155 @428 has 82 MA's), (Start: 297 @599 has 2 MA's), (374, 692), (380, 701), (396, 734), (404, 749), (409, 758), (430, 782), (455, 836), (542, 947), (584, 1013), (586, 1019), (607, 1079), (636, 1139), (647, 1169), (759, 1268), (880, 1442), (883, 1451), (905, 1487), (908, 1493), (925, 1529), (962, 1565), (980, 1598), (1006, 1637), (1015, 1643), (1143, 1784), (1222, 1859), (1272, 1940), (1308, 1979),

Gene: Temprado_15 Start: 7533, Stop: 9287, Start Num: 103
Candidate Starts for Temprado_15:
(Start: 103 @7533 has 278 MA's), (Start: 231 @7665 has 26 MA's), (288, 7764), (309, 7788), (325, 7815), (350, 7851), (406, 7926), (476, 8049), (489, 8064), (503, 8088), (558, 8157), (569, 8181), (571, 8184), (593, 8247), (603, 8271), (671, 8400), (673, 8403), (729, 8514), (855, 8676), (915, 8763), (920, 8775), (928, 8787), (980, 8835), (988, 8850), (1007, 8889), (1026, 8910), (1086, 8994), (1096, 9006), (1269, 9243), (1290, 9270), (1292, 9273),

Gene: TenaciousP_17 Start: 10505, Stop: 12250, Start Num: 217
Candidate Starts for TenaciousP_17:
(Start: 217 @10505 has 209 MA's), (222, 10511), (280, 10598), (287, 10604), (315, 10640), (343, 10694), (402, 10796), (446, 10871), (466, 10913), (504, 10979), (525, 11000), (561, 11069), (604, 11171), (628, 11228), (647, 11285), (653, 11297), (680, 11357), (728, 11456), (731, 11462), (765, 11519), (804, 11585), (940, 11771), (949, 11780), (991, 11846), (1000, 11867), (1003, 11870), (1131, 12050), (1179, 12095), (1182, 12098), (1196, 12110), (1244, 12200), (1246, 12203),

Gene: Tenney120_8 Start: 3513, Stop: 5246, Start Num: 217
Candidate Starts for Tenney120_8:
(Start: 217 @3513 has 209 MA's), (287, 3612), (438, 3849), (458, 3897), (504, 3975), (523, 3993), (525, 3996), (561, 4065), (604, 4167), (616, 4191), (636, 4248), (680, 4353), (728, 4452), (744, 4482), (770, 4524), (804, 4581), (859, 4650), (868, 4662), (949, 4776), (967, 4794), (1000, 4863), (1003, 4866), (1131, 5046), (1146, 5070), (1182, 5094), (1196, 5106), (1203, 5118), (1224, 5151), (1244, 5196), (1246, 5199),

Gene: Tenno_8 Start: 4800, Stop: 6539, Start Num: 217
Candidate Starts for Tenno_8:
(Start: 217 @4800 has 209 MA's), (287, 4899), (353, 5019), (426, 5118), (446, 5160), (458, 5190), (482, 5220), (504, 5268), (525, 5289), (580, 5391), (604, 5460), (616, 5484), (621, 5496), (647, 5574), (680, 5646), (713, 5721), (728, 5745), (791, 5850), (804, 5874), (868, 5955), (897, 6003), (949, 6069),

(967, 6087), (970, 6093), (1000, 6156), (1003, 6159), (1146, 6363), (1182, 6387), (1196, 6399), (1244, 6489), (1246, 6492),

Gene: Teodoridan_9 Start: 6381, Stop: 8069, Start Num: 102
Candidate Starts for Teodoridan_9:
(Start: 102 @6381 has 391 MA's), (363, 6645), (379, 6669), (476, 6831), (500, 6864), (558, 6939), (593, 7029), (603, 7053), (637, 7128), (720, 7284), (727, 7293), (758, 7341), (760, 7344), (939, 7578), (952, 7590), (988, 7632), (995, 7653), (1020, 7680), (1096, 7788), (1182, 7878), (1246, 7983),

Gene: Terrific_14 Start: 7938, Stop: 9725, Start Num: 103
Candidate Starts for Terrific_14:
(23, 7752), (49, 7854), (Start: 103 @7938 has 278 MA's), (Start: 206 @8046 has 29 MA's), (226, 8067), (288, 8175), (476, 8460), (558, 8568), (593, 8658), (603, 8682), (673, 8814), (913, 9198), (915, 9201), (1007, 9327), (1026, 9348), (1086, 9432), (1096, 9444), (1269, 9681), (1290, 9708), (1292, 9711), (1294, 9714), (1296, 9717),

Gene: Tesla_34 Start: 10743, Stop: 12485, Start Num: 176
Candidate Starts for Tesla_34:
(Start: 176 @10743 has 83 MA's), (292, 10860), (325, 10905), (354, 10971), (358, 10986), (379, 11019), (380, 11022), (388, 11037), (407, 11061), (409, 11064), (426, 11094), (436, 11115), (443, 11133), (447, 11142), (463, 11178), (476, 11193), (507, 11238), (543, 11280), (565, 11319), (572, 11331), (582, 11352), (604, 11403), (621, 11424), (747, 11646), (814, 11751), (821, 11760), (871, 11793), (890, 11814), (892, 11817), (908, 11844), (915, 11874), (920, 11886), (930, 11901), (939, 11910), (943, 11916), (971, 11958), (983, 11967), (990, 11982), (995, 11997), (1038, 12057), (1061, 12096), (1089, 12129), (1112, 12159), (1115, 12162), (1163, 12246), (1196, 12300), (1205, 12315), (1224, 12342), (1251, 12396), (1309, 12468), (1311, 12471),

Gene: Tessdabest_1 Start: 504, Stop: 2036, Start Num: 234
Candidate Starts for Tessdabest_1:
(Start: 231 @501 has 26 MA's), (Start: 234 @504 has 29 MA's), (243, 516), (Start: 245 @519 has 1 MA's), (282, 576), (Start: 297 @594 has 2 MA's), (309, 606), (368, 678), (380, 696), (390, 714), (400, 735), (443, 798), (459, 837), (487, 870), (508, 918), (573, 1002), (584, 1017), (601, 1068), (605, 1077), (623, 1101), (636, 1140), (637, 1143), (641, 1155), (713, 1281), (728, 1305), (769, 1368), (830, 1452), (886, 1524), (902, 1548), (925, 1590), (930, 1599), (977, 1656), (995, 1695), (1033, 1752), (1041, 1758), (1047, 1761), (1079, 1782), (1109, 1830), (1134, 1866), (1207, 1947), (1210, 1953),

Gene: Texage_11 Start: 7044, Stop: 8741, Start Num: 102
Candidate Starts for Texage_11:
(Start: 102 @7044 has 391 MA's), (Start: 126 @7068 has 206 MA's), (363, 7314), (465, 7488), (476, 7500), (503, 7539), (518, 7551), (558, 7608), (569, 7632), (593, 7698), (596, 7707), (634, 7788), (646, 7821), (720, 7953), (729, 7965), (763, 8019), (778, 8040), (798, 8073), (855, 8127), (915, 8214), (928, 8238), (930, 8241), (936, 8247), (943, 8256), (988, 8304), (1007, 8343), (1015, 8346), (1026, 8364), (1096, 8460), (1134, 8514), (1253, 8667), (1269, 8697), (1292, 8727), (1294, 8730),

Gene: TforTroy_2 Start: 547, Stop: 2244, Start Num: 101
Candidate Starts for TforTroy_2:
(Start: 101 @547 has 50 MA's), (Start: 110 @556 has 2 MA's), (Start: 224 @634 has 17 MA's), (444, 919), (476, 976), (503, 1018), (572, 1114), (596, 1168), (646, 1288), (699, 1378), (915, 1663), (992, 1774), (1038, 1843), (1096, 1918), (1106, 1933), (1196, 2059), (1244, 2143), (1256, 2167),

Gene: Thanksgivukkah_11 Start: 6889, Stop: 8586, Start Num: 102
Candidate Starts for Thanksgivukkah_11:

(Start: 102 @6889 has 391 MA's), (Start: 126 @6913 has 206 MA's), (Start: 239 @7036 has 2 MA's), (339, 7126), (363, 7159), (426, 7258), (473, 7342), (476, 7345), (503, 7384), (558, 7453), (569, 7477), (593, 7543), (634, 7633), (720, 7798), (778, 7885), (798, 7918), (864, 7984), (913, 8056), (915, 8059), (928, 8083), (980, 8134), (988, 8149), (1007, 8188), (1026, 8209), (1096, 8305), (1269, 8542), (1292, 8572), (1294, 8575),

Gene: ThankyouJordi_2 Start: 498, Stop: 2222, Start Num: 206
Candidate Starts for ThankyouJordi_2:
(Start: 193 @483 has 146 MA's), (Start: 206 @498 has 29 MA's), (280, 588), (356, 702), (426, 804), (437, 828), (439, 834), (450, 858), (452, 864), (483, 915), (536, 987), (633, 1185), (655, 1227), (664, 1233), (702, 1317), (704, 1320), (723, 1344), (793, 1455), (809, 1482), (926, 1659), (1092, 1932), (1094, 1935), (1098, 1941), (1115, 1962), (1137, 1995), (1141, 2001), (1177, 2049), (1185, 2058), (1205, 2082), (1226, 2100), (1253, 2157), (1295, 2214),

Gene: Theia_8 Start: 6097, Stop: 7875, Start Num: 53
Candidate Starts for Theia_8:
(Start: 53 @6097 has 20 MA's), (Start: 63 @6124 has 32 MA's), (114, 6193), (228, 6307), (Start: 231 @6313 has 26 MA's), (350, 6445), (406, 6520), (407, 6523), (426, 6556), (445, 6589), (521, 6697), (536, 6721), (558, 6754), (593, 6829), (613, 6874), (643, 6952), (646, 6958), (743, 7123), (763, 7156), (778, 7177), (915, 7351), (928, 7375), (930, 7378), (988, 7438), (992, 7450), (1007, 7477), (1026, 7498), (1086, 7582), (1096, 7594), (1184, 7687), (1269, 7831), (1294, 7864), (1299, 7870),

Gene: TheloniousMonk_13 Start: 7993, Stop: 9681, Start Num: 102
Candidate Starts for TheloniousMonk_13:
(Start: 102 @7993 has 391 MA's), (363, 8257), (379, 8281), (476, 8443), (500, 8476), (558, 8551), (593, 8641), (603, 8665), (621, 8692), (637, 8740), (679, 8809), (714, 8884), (720, 8896), (760, 8956), (930, 9181), (939, 9190), (952, 9202), (988, 9244), (995, 9265), (1020, 9292), (1096, 9400), (1182, 9490), (1246, 9595),

Gene: Thespis_2 Start: 400, Stop: 2076, Start Num: 134
Candidate Starts for Thespis_2:
(Start: 134 @400 has 105 MA's), (313, 616), (338, 655), (360, 712), (362, 718), (373, 736), (397, 781), (404, 793), (409, 802), (414, 808), (451, 865), (459, 886), (467, 898), (541, 988), (636, 1177), (702, 1273), (720, 1303), (736, 1324), (828, 1465), (837, 1477), (984, 1675), (989, 1684), (1000, 1711), (1031, 1753), (1044, 1771), (1118, 1855), (1130, 1870), (1269, 2059),

Gene: Thestral_7 Start: 2249, Stop: 3895, Start Num: 75
Candidate Starts for Thestral_7:
(Start: 75 @2249 has 95 MA's), (363, 2519), (379, 2543), (382, 2552), (443, 2645), (450, 2660), (462, 2687), (480, 2708), (543, 2795), (582, 2867), (593, 2891), (638, 2990), (654, 3026), (716, 3131), (766, 3167), (786, 3203), (800, 3221), (913, 3350), (915, 3353), (920, 3365), (927, 3374), (933, 3383), (992, 3464), (1007, 3491), (1028, 3518), (1064, 3572), (1096, 3611), (1112, 3632), (1130, 3656), (1196, 3716), (1251, 3812), (1300, 3890),

Gene: ThetaBob_2 Start: 458, Stop: 2236, Start Num: 113
Candidate Starts for ThetaBob_2:
(Start: 113 @458 has 24 MA's), (170, 509), (Start: 186 @530 has 2 MA's), (218, 560), (Start: 224 @566 has 17 MA's), (233, 581), (271, 632), (320, 695), (Start: 324 @707 has 4 MA's), (350, 743), (383, 791), (392, 806), (406, 818), (409, 824), (442, 881), (443, 884), (445, 890), (452, 905), (460, 923), (462, 926), (476, 944), (572, 1085), (580, 1103), (593, 1130), (603, 1154), (619, 1187), (647, 1265), (699, 1355), (704, 1364), (711, 1379), (763, 1421), (766, 1424), (791, 1466), (798, 1475), (814, 1499), (868, 1541), (870, 1544), (892, 1568), (913, 1607), (915, 1610), (923, 1625), (936, 1643), (939, 1646), (996, 1727), (1007, 1742), (1009, 1745), (1013, 1757), (1029, 1796), (1061, 1847), (1064, 1853), (1086, 1889),

(1096, 1901), (1111, 1925), (1128, 1952), (1133, 1961), (1134, 1964), (1184, 2036), (1217, 2084), (1224, 2090), (1242, 2123), (1243, 2129), (1246, 2135), (1249, 2141), (1251, 2144), (1256, 2156), (1267, 2174), (1281, 2195), (1293, 2213), (1302, 2225),

Gene: Thimann_3 Start: 820, Stop: 2379, Start Num: 134
Candidate Starts for Thimann_3:
(86, 760), (Start: 134 @820 has 105 MA's), (251, 928), (313, 1006), (332, 1039), (396, 1120), (397, 1123), (402, 1132), (431, 1168), (461, 1228), (550, 1318), (552, 1321), (573, 1357), (596, 1414), (607, 1438), (647, 1522), (679, 1573), (736, 1639), (760, 1681), (806, 1750), (810, 1756), (837, 1795), (855, 1816), (876, 1846), (895, 1867), (918, 1912), (950, 1948), (952, 1951), (986, 1993), (1078, 2122), (1120, 2173), (1214, 2302), (1266, 2362),

Gene: Thimble_9 Start: 2256, Stop: 3926, Start Num: 301
Candidate Starts for Thimble_9:
(Start: 301 @2256 has 48 MA's), (344, 2319), (479, 2553), (548, 2655), (632, 2835), (641, 2859), (650, 2877), (663, 2889), (694, 2952), (698, 2964), (725, 3009), (734, 3024), (784, 3102), (811, 3147), (845, 3201), (851, 3207), (917, 3321), (994, 3465), (1019, 3501), (1118, 3654), (1129, 3666), (1175, 3723), (1205, 3759), (1235, 3810), (1251, 3846), (1253, 3849), (1294, 3915),

Gene: Thiqqums_7 Start: 3414, Stop: 5153, Start Num: 217
Candidate Starts for Thiqqums_7:
(Start: 214 @3411 has 4 MA's), (Start: 217 @3414 has 209 MA's), (222, 3420), (252, 3468), (Start: 255 @3471 has 1 MA's), (280, 3507), (287, 3513), (Start: 366 @3651 has 1 MA's), (387, 3687), (393, 3699), (504, 3882), (525, 3903), (574, 3996), (580, 4005), (596, 4056), (604, 4074), (728, 4359), (804, 4488), (859, 4557), (921, 4647), (940, 4674), (967, 4701), (1000, 4770), (1003, 4773), (1031, 4815), (1038, 4824), (1131, 4953), (1161, 4980), (1182, 5001), (1196, 5013), (1207, 5031), (1244, 5103), (1246, 5106), (1253, 5118),

Gene: Thor_11 Start: 6833, Stop: 8521, Start Num: 102
Candidate Starts for Thor_11:
(Start: 102 @6833 has 391 MA's), (Start: 302 @7013 has 3 MA's), (363, 7097), (383, 7133), (406, 7160), (476, 7283), (500, 7316), (558, 7391), (593, 7481), (603, 7505), (621, 7532), (637, 7580), (720, 7736), (727, 7745), (760, 7796), (939, 8030), (952, 8042), (988, 8084), (995, 8105), (1020, 8132), (1096, 8240), (1182, 8330), (1246, 8435),

Gene: ThulaThula_2 Start: 401, Stop: 2080, Start Num: 134
Candidate Starts for ThulaThula_2:
(28, 191), (38, 239), (Start: 134 @401 has 105 MA's), (266, 563), (305, 608), (313, 617), (338, 656), (360, 713), (362, 719), (373, 737), (397, 782), (404, 794), (409, 803), (414, 809), (451, 866), (455, 881), (459, 887), (467, 899), (541, 989), (636, 1178), (720, 1304), (828, 1466), (837, 1478), (873, 1523), (896, 1553), (952, 1634), (989, 1685), (1031, 1754), (1044, 1772), (1118, 1856), (1120, 1859), (1130, 1871), (1269, 2063),

Gene: ThursdayNight_2 Start: 546, Stop: 2285, Start Num: 101
Candidate Starts for ThursdayNight_2:
(Start: 101 @546 has 50 MA's), (320, 762), (426, 924), (434, 942), (450, 966), (476, 1011), (512, 1059), (572, 1152), (699, 1416), (758, 1473), (800, 1539), (887, 1650), (930, 1728), (1096, 1956), (1106, 1971), (1144, 2025), (1171, 2049), (1217, 2136), (1256, 2208), (1265, 2223),

Gene: Tian_2 Start: 533, Stop: 2239, Start Num: 101
Candidate Starts for Tian_2:
(Start: 101 @533 has 50 MA's), (203, 599), (444, 905), (476, 962), (491, 983), (512, 1010), (572, 1100), (596, 1154), (619, 1199), (646, 1274), (828, 1526), (915, 1649), (1038, 1829), (1096, 1904), (1106,

1919), (1196, 2054), (1251, 2150), (1256, 2162),

Gene: TieDye_7 Start: 2856, Stop: 4601, Start Num: 217
Candidate Starts for TieDye_7:
(Start: 217 @2856 has 209 MA's), (252, 2910), (Start: 255 @2913 has 1 MA's), (280, 2949), (287, 2955), (430, 3189), (485, 3288), (504, 3330), (525, 3351), (547, 3393), (556, 3405), (596, 3504), (604, 3522), (657, 3654), (713, 3783), (728, 3807), (731, 3813), (804, 3936), (859, 4005), (940, 4122), (967, 4149), (1000, 4218), (1003, 4221), (1038, 4272), (1101, 4359), (1146, 4425), (1179, 4446), (1182, 4449), (1196, 4461), (1207, 4479), (1244, 4551), (1246, 4554),

Gene: Tiffany_13 Start: 6851, Stop: 8551, Start Num: 104
Candidate Starts for Tiffany_13:
(Start: 104 @6851 has 125 MA's), (151, 6899), (292, 7034), (426, 7226), (476, 7313), (593, 7511), (634, 7601), (671, 7664), (760, 7826), (915, 8024), (928, 8048), (930, 8051), (988, 8114), (995, 8135), (1026, 8174), (1096, 8270), (1134, 8324), (1182, 8360), (1269, 8507), (1292, 8537), (1294, 8540),

Gene: Tiger_9 Start: 6005, Stop: 7756, Start Num: 63
Candidate Starts for Tiger_9:
(Start: 53 @5978 has 20 MA's), (Start: 63 @6005 has 32 MA's), (114, 6074), (Start: 154 @6113 has 1 MA's), (228, 6188), (Start: 231 @6194 has 26 MA's), (350, 6326), (406, 6401), (407, 6404), (489, 6539), (521, 6578), (536, 6602), (593, 6710), (613, 6755), (643, 6833), (646, 6839), (743, 7004), (763, 7037), (778, 7058), (915, 7232), (928, 7256), (930, 7259), (988, 7319), (992, 7331), (1007, 7358), (1026, 7379), (1086, 7463), (1096, 7475), (1269, 7712), (1294, 7745), (1299, 7751),

Gene: TimTam_2 Start: 498, Stop: 2222, Start Num: 206
Candidate Starts for TimTam_2:
(Start: 193 @483 has 146 MA's), (Start: 206 @498 has 29 MA's), (280, 588), (426, 804), (437, 828), (439, 834), (450, 858), (483, 915), (536, 987), (633, 1185), (655, 1227), (664, 1233), (702, 1317), (723, 1344), (793, 1455), (809, 1482), (926, 1659), (1092, 1932), (1094, 1935), (1098, 1941), (1115, 1962), (1141, 2001), (1177, 2049), (1185, 2058), (1205, 2082), (1226, 2100), (1253, 2157), (1295, 2214),

Gene: TimoTea_3 Start: 1062, Stop: 2522, Start Num: 193
Candidate Starts for TimoTea_3:
(Start: 193 @1062 has 146 MA's), (Start: 198 @1068 has 6 MA's), (325, 1230), (330, 1239), (377, 1299), (415, 1368), (431, 1389), (455, 1440), (606, 1644), (744, 1857), (753, 1872), (777, 1908), (804, 1950), (832, 1983), (840, 2001), (923, 2121), (925, 2124), (936, 2136), (990, 2211), (1031, 2274), (1044, 2292), (1045, 2295), (1186, 2457), (1199, 2466), (1205, 2475), (1232, 2514),

Gene: Timothy_12 Start: 8024, Stop: 9787, Start Num: 103
Candidate Starts for Timothy_12:
(Start: 103 @8024 has 278 MA's), (Start: 123 @8045 has 9 MA's), (Start: 206 @8132 has 29 MA's), (288, 8261), (309, 8285), (350, 8348), (445, 8492), (473, 8543), (476, 8546), (558, 8657), (569, 8681), (571, 8684), (593, 8747), (596, 8756), (603, 8771), (663, 8888), (673, 8903), (701, 8963), (751, 9047), (864, 9188), (920, 9275), (928, 9287), (980, 9335), (988, 9350), (1007, 9389), (1026, 9410), (1049, 9449), (1086, 9494), (1096, 9506), (1269, 9743), (1290, 9770),

Gene: Timshel_12 Start: 8311, Stop: 10005, Start Num: 102
Candidate Starts for Timshel_12:
(Start: 102 @8311 has 391 MA's), (275, 8479), (325, 8530), (363, 8578), (406, 8641), (426, 8677), (445, 8710), (465, 8752), (476, 8764), (489, 8779), (503, 8803), (558, 8872), (593, 8962), (596, 8971), (673, 9118), (720, 9217), (758, 9274), (778, 9304), (913, 9475), (915, 9478), (928, 9502), (930, 9505), (991, 9577), (1026, 9628), (1096, 9724), (1116, 9751), (1134, 9778), (1253, 9931), (1269, 9961), (1292, 9991),

Gene: TinaBelcher_6 Start: 2200, Stop: 3846, Start Num: 75
Candidate Starts for TinaBelcher_6:
(Start: 75 @2200 has 95 MA's), (189, 2296), (363, 2470), (379, 2494), (382, 2503), (443, 2596), (450, 2611), (462, 2638), (480, 2659), (543, 2746), (582, 2818), (593, 2842), (638, 2941), (654, 2977), (716, 3082), (766, 3118), (786, 3154), (800, 3172), (913, 3301), (915, 3304), (920, 3316), (927, 3325), (933, 3334), (992, 3415), (1007, 3442), (1028, 3469), (1064, 3523), (1096, 3562), (1112, 3583), (1130, 3607), (1144, 3631), (1196, 3667), (1251, 3763), (1300, 3841),

Gene: TinaFeyge_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for TinaFeyge_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: TinaLin_10 Start: 4153, Stop: 5841, Start Num: 119
Candidate Starts for TinaLin_10:
(Start: 119 @4153 has 3 MA's), (189, 4231), (338, 4423), (400, 4504), (431, 4549), (443, 4567), (452, 4588), (467, 4618), (496, 4657), (554, 4726), (586, 4780), (625, 4864), (626, 4867), (627, 4870), (635, 4897), (636, 4900), (744, 5005), (813, 5122), (825, 5137), (883, 5230), (887, 5236), (901, 5260), (920, 5302), (930, 5317), (963, 5347), (969, 5359), (1002, 5410), (1015, 5422), (1044, 5470), (1050, 5479), (1096, 5545), (1133, 5599), (1169, 5632), (1251, 5749), (1264, 5767), (1272, 5779), (1310, 5827), (1316, 5833),

Gene: TinyPebbles_13 Start: 7040, Stop: 8740, Start Num: 104
Candidate Starts for TinyPebbles_13:
(Start: 104 @7040 has 125 MA's), (151, 7088), (292, 7223), (426, 7415), (476, 7502), (593, 7700), (634, 7790), (671, 7853), (760, 8015), (915, 8213), (928, 8237), (930, 8240), (988, 8303), (995, 8324), (1026, 8363), (1096, 8459), (1134, 8513), (1182, 8549), (1269, 8696), (1292, 8726), (1294, 8729),

Gene: TinyTimmy_12 Start: 8076, Stop: 9839, Start Num: 103
Candidate Starts for TinyTimmy_12:
(Start: 103 @8076 has 278 MA's), (Start: 123 @8097 has 9 MA's), (Start: 206 @8184 has 29 MA's), (288, 8313), (309, 8337), (350, 8400), (445, 8544), (473, 8595), (476, 8598), (558, 8709), (569, 8733), (571, 8736), (593, 8799), (596, 8808), (603, 8823), (663, 8940), (673, 8955), (701, 9015), (751, 9099), (920, 9327), (928, 9339), (980, 9387), (988, 9402), (1007, 9441), (1026, 9462), (1049, 9501), (1086, 9546), (1096, 9558), (1269, 9795), (1290, 9822),

Gene: TinyTruffula_3 Start: 1179, Stop: 2639, Start Num: 193
Candidate Starts for TinyTruffula_3:
(Start: 193 @1179 has 146 MA's), (Start: 198 @1185 has 6 MA's), (325, 1347), (330, 1356), (377, 1416), (415, 1485), (431, 1506), (455, 1557), (606, 1761), (669, 1896), (744, 1974), (753, 1989), (765, 2007), (777, 2025), (804, 2067), (832, 2100), (840, 2118), (923, 2238), (925, 2241), (936, 2253), (943, 2265), (953, 2277), (990, 2328), (1028, 2385), (1031, 2391), (1038, 2400), (1044, 2409), (1045, 2412), (1186, 2574), (1199, 2583), (1205, 2592), (1232, 2631),

Gene: Tinybot_10 Start: 6864, Stop: 8561, Start Num: 102
Candidate Starts for Tinybot_10:
(Start: 102 @6864 has 391 MA's), (Start: 126 @6888 has 206 MA's), (Start: 239 @7011 has 2 MA's), (339, 7101), (363, 7134), (426, 7233), (473, 7317), (476, 7320), (503, 7359), (558, 7428), (569, 7452), (593, 7518), (634, 7608), (720, 7773), (778, 7860), (798, 7893), (864, 7959), (913, 8031), (915, 8034),

(928, 8058), (980, 8109), (988, 8124), (1007, 8163), (1026, 8184), (1096, 8280), (1269, 8517), (1292, 8547), (1294, 8550),

Gene: TipsytheTRex_11 Start: 6516, Stop: 8297, Start Num: 103
Candidate Starts for TipsytheTRex_11:
(Start: 103 @6516 has 278 MA's), (Start: 239 @6660 has 2 MA's), (262, 6705), (288, 6747), (350, 6834), (388, 6888), (473, 7029), (476, 7032), (503, 7071), (558, 7140), (593, 7230), (603, 7254), (671, 7383), (673, 7386), (1007, 7899), (1026, 7920), (1086, 8004), (1096, 8016), (1269, 8253), (1290, 8280), (1292, 8283), (1294, 8286),

Gene: Tipton_7 Start: 3522, Stop: 5264, Start Num: 217
Candidate Starts for Tipton_7:
(Start: 211 @3516 has 88 MA's), (Start: 217 @3522 has 209 MA's), (287, 3621), (353, 3741), (426, 3840), (458, 3912), (504, 3990), (525, 4011), (580, 4113), (604, 4182), (619, 4215), (680, 4368), (713, 4443), (728, 4467), (791, 4572), (804, 4596), (868, 4677), (949, 4794), (967, 4812), (970, 4818), (991, 4860), (1000, 4881), (1003, 4884), (1131, 5064), (1146, 5088), (1182, 5112), (1196, 5124), (1207, 5142), (1244, 5214), (1246, 5217),

Gene: TiroTheta9_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for TiroTheta9_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: TlaliMex_3 Start: 1179, Stop: 2633, Start Num: 198
Candidate Starts for TlaliMex_3:
(Start: 193 @1173 has 146 MA's), (Start: 198 @1179 has 6 MA's), (325, 1341), (330, 1350), (377, 1410), (415, 1479), (431, 1500), (455, 1551), (606, 1755), (669, 1890), (744, 1968), (753, 1983), (765, 2001), (777, 2019), (804, 2061), (832, 2094), (840, 2112), (923, 2232), (925, 2235), (936, 2247), (943, 2259), (990, 2322), (1028, 2379), (1031, 2385), (1038, 2394), (1044, 2403), (1045, 2406), (1186, 2568), (1199, 2577), (1205, 2586), (1232, 2625),

Gene: Toad24_4 Start: 958, Stop: 2538, Start Num: 224
Candidate Starts for Toad24_4:
(Start: 164 @892 has 12 MA's), (Start: 224 @958 has 17 MA's), (Start: 300 @1054 has 12 MA's), (306, 1063), (Start: 314 @1072 has 1 MA's), (355, 1117), (374, 1144), (381, 1156), (401, 1195), (409, 1210), (430, 1234), (443, 1255), (587, 1456), (607, 1507), (636, 1567), (643, 1588), (674, 1648), (687, 1678), (698, 1687), (744, 1750), (953, 2050), (963, 2059), (980, 2089), (1014, 2128), (1063, 2206), (1093, 2236), (1114, 2263), (1246, 2446), (1249, 2452), (1259, 2473), (1306, 2527),

Gene: Toaka_11 Start: 6489, Stop: 8273, Start Num: 103
Candidate Starts for Toaka_11:
(Start: 103 @6489 has 278 MA's), (Start: 231 @6618 has 26 MA's), (288, 6717), (292, 6723), (309, 6741), (406, 6879), (445, 6951), (476, 7005), (503, 7044), (558, 7116), (593, 7206), (603, 7230), (663, 7347), (673, 7362), (727, 7470), (776, 7545), (837, 7641), (920, 7761), (936, 7782), (1007, 7875), (1026, 7896), (1061, 7950), (1086, 7980), (1096, 7992), (1198, 8100), (1230, 8151), (1269, 8229), (1290, 8256), (1292, 8259),

Gene: Toast_2 Start: 378, Stop: 1928, Start Num: 180
Candidate Starts for Toast_2:

(Start: 134 @348 has 105 MA's), (157, 354), (Start: 163 @360 has 37 MA's), (Start: 166 @363 has 2 MA's), (Start: 180 @378 has 11 MA's), (250, 441), (269, 477), (281, 492), (293, 504), (313, 519), (334, 552), (362, 573), (377, 594), (396, 633), (409, 657), (431, 693), (454, 741), (489, 783), (498, 795), (584, 900), (637, 1020), (642, 1035), (702, 1113), (723, 1146), (736, 1164), (837, 1320), (869, 1359), (914, 1431), (953, 1479), (968, 1497), (984, 1518), (989, 1527), (990, 1530), (1005, 1560), (1044, 1614), (1118, 1701), (1148, 1743), (1188, 1794), (1269, 1911), (1273, 1917),

Gene: ToastyOats_7 Start: 2290, Stop: 3990, Start Num: 197
Candidate Starts for ToastyOats_7:
(145, 2233), (Start: 180 @2269 has 11 MA's), (Start: 197 @2290 has 23 MA's), (253, 2365), (282, 2413), (Start: 300 @2434 has 12 MA's), (330, 2482), (377, 2527), (379, 2530), (400, 2572), (409, 2590), (412, 2593), (414, 2596), (431, 2617), (491, 2719), (554, 2773), (607, 2887), (636, 2947), (643, 2968), (678, 3034), (679, 3037), (768, 3199), (815, 3265), (829, 3280), (914, 3451), (943, 3490), (953, 3499), (963, 3508), (986, 3550), (1015, 3583), (1038, 3622), (1096, 3664), (1182, 3754), (1203, 3781), (1205, 3784), (1246, 3853), (1292, 3931), (1318, 3979),

Gene: Todacoro_12 Start: 7044, Stop: 8741, Start Num: 102
Candidate Starts for Todacoro_12:
(Start: 102 @7044 has 391 MA's), (Start: 126 @7068 has 206 MA's), (363, 7314), (465, 7488), (476, 7500), (503, 7539), (518, 7551), (558, 7608), (569, 7632), (593, 7698), (596, 7707), (634, 7788), (646, 7821), (720, 7953), (729, 7965), (763, 8019), (778, 8040), (798, 8073), (855, 8127), (915, 8214), (928, 8238), (930, 8241), (936, 8247), (943, 8256), (988, 8304), (1007, 8343), (1015, 8346), (1026, 8364), (1096, 8460), (1134, 8514), (1253, 8667), (1269, 8697), (1292, 8727), (1294, 8730),

Gene: Tokki_7 Start: 3531, Stop: 5273, Start Num: 217
Candidate Starts for Tokki_7:
(Start: 211 @3525 has 88 MA's), (Start: 217 @3531 has 209 MA's), (287, 3630), (353, 3750), (426, 3849), (458, 3921), (504, 3999), (525, 4020), (580, 4122), (604, 4191), (616, 4215), (619, 4224), (680, 4377), (713, 4452), (728, 4476), (791, 4581), (804, 4605), (868, 4686), (949, 4803), (967, 4821), (970, 4827), (991, 4869), (1000, 4890), (1003, 4893), (1131, 5073), (1146, 5097), (1182, 5121), (1196, 5133), (1207, 5151), (1244, 5223), (1246, 5226),

Gene: Tolls_6 Start: 1121, Stop: 2800, Start Num: 176
Candidate Starts for Tolls_6:
(Start: 176 @1121 has 83 MA's), (Start: 224 @1172 has 17 MA's), (237, 1193), (Start: 239 @1196 has 2 MA's), (295, 1238), (343, 1304), (382, 1364), (394, 1385), (406, 1394), (450, 1481), (468, 1517), (476, 1526), (507, 1577), (572, 1676), (582, 1697), (596, 1730), (619, 1766), (687, 1910), (706, 1946), (729, 1985), (821, 2132), (863, 2156), (917, 2255), (984, 2339), (1038, 2426), (1112, 2522), (1170, 2570), (1185, 2594), (1222, 2645), (1265, 2726), (1311, 2786), (1313, 2789),

Gene: TomBrady12_3 Start: 1113, Stop: 2573, Start Num: 193
Candidate Starts for TomBrady12_3:
(Start: 193 @1113 has 146 MA's), (Start: 198 @1119 has 6 MA's), (325, 1281), (330, 1290), (377, 1350), (415, 1419), (431, 1440), (455, 1491), (606, 1695), (669, 1830), (744, 1908), (753, 1923), (765, 1941), (777, 1959), (804, 2001), (832, 2034), (840, 2052), (923, 2172), (925, 2175), (936, 2187), (943, 2199), (953, 2211), (990, 2262), (1028, 2319), (1031, 2325), (1038, 2334), (1044, 2343), (1045, 2346), (1186, 2508), (1199, 2517), (1205, 2526), (1232, 2565),

Gene: Toma_6 Start: 2395, Stop: 4023, Start Num: 92
Candidate Starts for Toma_6:
(Start: 75 @2377 has 95 MA's), (Start: 92 @2395 has 10 MA's), (325, 2599), (350, 2635), (462, 2815), (480, 2836), (543, 2923), (582, 2995), (593, 3019), (638, 3118), (643, 3133), (663, 3157), (665, 3163), (786, 3331), (841, 3391), (915, 3481), (927, 3502), (992, 3592), (1026, 3640), (1096, 3739), (1112,

3760), (1116, 3766), (1130, 3784), (1251, 3940),

Gene: Tomathan_15 Start: 7375, Stop: 9162, Start Num: 103
Candidate Starts for Tomathan_15:
(31, 7216), (34, 7243), (Start: 103 @7375 has 278 MA's), (Start: 206 @7483 has 29 MA's), (226, 7504), (262, 7570), (288, 7612), (350, 7699), (473, 7894), (476, 7897), (558, 8005), (593, 8095), (603, 8119), (646, 8218), (671, 8248), (673, 8251), (729, 8362), (857, 8551), (980, 8710), (988, 8725), (992, 8737), (1007, 8764), (1026, 8785), (1086, 8869), (1096, 8881), (1182, 8971), (1269, 9118), (1290, 9145), (1292, 9148),

Gene: Tonaltzin_17 Start: 10505, Stop: 12250, Start Num: 217
Candidate Starts for Tonaltzin_17:
(Start: 217 @10505 has 209 MA's), (222, 10511), (280, 10598), (287, 10604), (315, 10640), (343, 10694), (446, 10871), (466, 10913), (504, 10979), (525, 11000), (561, 11069), (604, 11171), (628, 11228), (647, 11285), (653, 11297), (680, 11357), (728, 11456), (731, 11462), (765, 11519), (804, 11585), (940, 11771), (949, 11780), (991, 11846), (1000, 11867), (1003, 11870), (1131, 12050), (1179, 12095), (1182, 12098), (1196, 12110), (1244, 12200), (1246, 12203),

Gene: ToneTone_14 Start: 7446, Stop: 9200, Start Num: 103
Candidate Starts for ToneTone_14:
(Start: 103 @7446 has 278 MA's), (Start: 231 @7578 has 26 MA's), (288, 7677), (309, 7701), (325, 7728), (350, 7764), (406, 7839), (476, 7962), (489, 7977), (503, 8001), (558, 8070), (569, 8094), (571, 8097), (593, 8160), (603, 8184), (671, 8313), (673, 8316), (729, 8427), (855, 8589), (915, 8676), (920, 8688), (928, 8700), (980, 8748), (988, 8763), (1007, 8802), (1026, 8823), (1086, 8907), (1096, 8919), (1269, 9156), (1290, 9183), (1292, 9186),

Gene: Toniann_30 Start: 8628, Stop: 10376, Start Num: 127
Candidate Starts for Toniann_30:
(Start: 127 @8628 has 26 MA's), (153, 8658), (280, 8787), (419, 8973), (433, 9012), (447, 9036), (459, 9066), (478, 9084), (496, 9111), (511, 9141), (619, 9333), (627, 9351), (704, 9513), (756, 9561), (766, 9576), (901, 9759), (905, 9765), (957, 9849), (991, 9936), (1016, 9969), (1084, 10083), (1115, 10119), (1134, 10143), (1159, 10158), (1273, 10332), (1278, 10338),

Gene: TonyStarch_8 Start: 3146, Stop: 4891, Start Num: 217
Candidate Starts for TonyStarch_8:
(Start: 217 @3146 has 209 MA's), (252, 3200), (Start: 255 @3203 has 1 MA's), (280, 3239), (287, 3245), (430, 3479), (485, 3578), (504, 3620), (525, 3641), (547, 3683), (556, 3695), (596, 3794), (604, 3812), (621, 3848), (713, 4073), (728, 4097), (731, 4103), (804, 4226), (859, 4295), (940, 4412), (944, 4418), (967, 4439), (1000, 4508), (1003, 4511), (1038, 4562), (1101, 4649), (1146, 4715), (1182, 4739), (1196, 4751), (1207, 4769), (1244, 4841), (1246, 4844),

Gene: Toodles_5 Start: 2022, Stop: 3719, Start Num: 197
Candidate Starts for Toodles_5:
(143, 1959), (171, 1989), (Start: 197 @2022 has 23 MA's), (282, 2142), (Start: 300 @2163 has 12 MA's), (312, 2178), (330, 2211), (374, 2253), (377, 2256), (400, 2301), (409, 2319), (412, 2322), (414, 2325), (443, 2364), (455, 2397), (489, 2445), (491, 2448), (554, 2502), (607, 2616), (635, 2673), (636, 2676), (643, 2697), (678, 2763), (768, 2928), (815, 2994), (829, 3009), (953, 3228), (963, 3237), (986, 3279), (1015, 3312), (1038, 3351), (1096, 3393), (1182, 3483), (1203, 3510), (1205, 3513), (1246, 3582), (1292, 3660), (1318, 3708),

Gene: Topanga_11 Start: 6816, Stop: 8507, Start Num: 102
Candidate Starts for Topanga_11:

(Start: 102 @6816 has 391 MA's), (Start: 126 @6840 has 206 MA's), (Start: 239 @6963 has 2 MA's), (350, 7083), (363, 7095), (390, 7140), (426, 7194), (443, 7221), (450, 7236), (476, 7281), (503, 7320), (543, 7368), (558, 7389), (569, 7413), (593, 7464), (646, 7587), (720, 7719), (769, 7794), (798, 7839), (864, 7905), (915, 7980), (928, 8004), (988, 8070), (1007, 8109), (1015, 8112), (1026, 8130), (1096, 8226), (1144, 8295), (1269, 8463), (1292, 8493), (1294, 8496),

Gene: Topgun_11 Start: 6738, Stop: 8426, Start Num: 102
Candidate Starts for Topgun_11:
(Start: 102 @6738 has 391 MA's), (363, 7002), (379, 7026), (476, 7188), (500, 7221), (558, 7296), (593, 7386), (603, 7410), (637, 7485), (720, 7641), (727, 7650), (758, 7698), (760, 7701), (939, 7935), (952, 7947), (988, 7989), (995, 8010), (1020, 8037), (1096, 8145), (1182, 8235), (1246, 8340),

Gene: Topiatin_4 Start: 1235, Stop: 2872, Start Num: 126
Candidate Starts for Topiatin_4:
(Start: 126 @1235 has 206 MA's), (Start: 139 @1250 has 1 MA's), (Start: 147 @1259 has 3 MA's), (153, 1265), (Start: 184 @1292 has 3 MA's), (Start: 217 @1316 has 209 MA's), (Start: 219 @1319 has 2 MA's), (271, 1382), (291, 1400), (310, 1421), (372, 1508), (375, 1514), (419, 1568), (433, 1580), (442, 1592), (445, 1601), (447, 1604), (454, 1625), (467, 1646), (482, 1661), (519, 1718), (543, 1757), (580, 1826), (584, 1832), (597, 1862), (598, 1865), (603, 1874), (612, 1889), (621, 1907), (638, 1958), (695, 2060), (845, 2231), (859, 2243), (915, 2327), (934, 2357), (937, 2360), (940, 2363), (988, 2420), (993, 2435), (995, 2441), (996, 2444), (1007, 2459), (1020, 2468), (1062, 2537), (1082, 2567), (1084, 2576), (1112, 2609), (1140, 2642), (1176, 2669), (1202, 2702), (1222, 2732), (1235, 2753), (1246, 2777), (1251, 2786), (1253, 2789), (1284, 2846),

Gene: Toro_14 Start: 8301, Stop: 10001, Start Num: 102
Candidate Starts for Toro_14:
(Start: 102 @8301 has 391 MA's), (Start: 166 @8364 has 2 MA's), (320, 8508), (339, 8538), (363, 8571), (406, 8634), (476, 8757), (489, 8772), (558, 8865), (569, 8889), (593, 8955), (673, 9111), (720, 9210), (778, 9297), (798, 9330), (855, 9384), (866, 9399), (913, 9468), (915, 9471), (928, 9495), (992, 9573), (1096, 9717), (1130, 9762), (1198, 9825), (1253, 9924), (1269, 9954), (1292, 9987),

Gene: Toron_2 Start: 458, Stop: 2236, Start Num: 113
Candidate Starts for Toron_2:
(Start: 113 @458 has 24 MA's), (131, 479), (170, 509), (Start: 186 @530 has 2 MA's), (218, 560), (Start: 224 @566 has 17 MA's), (233, 581), (271, 632), (320, 695), (Start: 324 @707 has 4 MA's), (350, 743), (383, 791), (392, 806), (406, 818), (409, 824), (442, 881), (443, 884), (445, 890), (452, 905), (460, 923), (462, 926), (476, 944), (572, 1085), (580, 1103), (593, 1130), (603, 1154), (619, 1187), (647, 1265), (704, 1364), (711, 1379), (763, 1421), (778, 1442), (791, 1466), (798, 1475), (814, 1499), (868, 1541), (870, 1544), (892, 1568), (913, 1607), (915, 1610), (923, 1625), (936, 1643), (996, 1727), (1007, 1742), (1009, 1745), (1013, 1757), (1029, 1796), (1061, 1847), (1064, 1853), (1086, 1889), (1096, 1901), (1111, 1925), (1128, 1952), (1134, 1964), (1153, 2000), (1184, 2036), (1217, 2084), (1224, 2090), (1242, 2123), (1243, 2129), (1246, 2135), (1249, 2141), (1251, 2144), (1256, 2156), (1267, 2174), (1281, 2195), (1293, 2213), (1302, 2225),

Gene: Tortellini_2 Start: 401, Stop: 2080, Start Num: 134
Candidate Starts for Tortellini_2:
(Start: 134 @401 has 105 MA's), (Start: 221 @494 has 5 MA's), (Start: 232 @512 has 12 MA's), (Start: 244 @527 has 5 MA's), (Start: 299 @602 has 3 MA's), (305, 608), (313, 617), (338, 656), (360, 713), (373, 737), (397, 782), (404, 794), (409, 803), (414, 809), (451, 866), (455, 881), (459, 887), (541, 989), (631, 1169), (636, 1178), (702, 1274), (720, 1304), (736, 1325), (828, 1466), (837, 1478), (873, 1523), (896, 1553), (923, 1601), (952, 1634), (969, 1658), (984, 1676), (989, 1685), (1000, 1712), (1031, 1754), (1044, 1772), (1130, 1871), (1269, 2063),

Gene: Tortoise12_2 Start: 501, Stop: 2036, Start Num: 231
Candidate Starts for Tortoise12_2:
(Start: 231 @501 has 26 MA's), (Start: 234 @504 has 29 MA's), (243, 516), (Start: 245 @519 has 1 MA's), (282, 576), (Start: 297 @594 has 2 MA's), (309, 606), (368, 678), (380, 696), (390, 714), (400, 735), (443, 798), (459, 837), (487, 870), (508, 918), (573, 1002), (584, 1017), (601, 1068), (605, 1077), (623, 1101), (636, 1140), (637, 1143), (641, 1155), (713, 1281), (728, 1305), (769, 1368), (830, 1452), (886, 1524), (902, 1548), (925, 1590), (930, 1599), (977, 1656), (995, 1695), (1033, 1752), (1041, 1758), (1047, 1761), (1079, 1782), (1109, 1830), (1134, 1866), (1207, 1947), (1210, 1953),

Gene: Tote_13 Start: 7479, Stop: 9167, Start Num: 102
Candidate Starts for Tote_13:
(Start: 102 @7479 has 391 MA's), (Start: 302 @7659 has 3 MA's), (363, 7743), (383, 7779), (406, 7806), (476, 7929), (558, 8037), (593, 8127), (603, 8151), (621, 8178), (637, 8226), (720, 8382), (760, 8442), (939, 8676), (952, 8688), (988, 8730), (995, 8751), (1020, 8778), (1096, 8886), (1182, 8976), (1246, 9081),

Gene: TouchMeNot_3 Start: 1236, Stop: 2873, Start Num: 150
Candidate Starts for TouchMeNot_3:
(Start: 150 @1236 has 4 MA's), (Start: 176 @1260 has 83 MA's), (Start: 241 @1338 has 2 MA's), (320, 1404), (383, 1503), (394, 1521), (406, 1530), (409, 1536), (431, 1584), (434, 1590), (443, 1599), (462, 1641), (465, 1647), (468, 1650), (476, 1659), (532, 1737), (590, 1854), (594, 1866), (595, 1869), (603, 1878), (634, 1941), (673, 2013), (687, 2046), (758, 2124), (848, 2235), (892, 2280), (984, 2412), (988, 2418), (1071, 2550), (1096, 2589), (1182, 2679), (1203, 2706), (1249, 2787), (1256, 2802), (1257, 2805), (1262, 2814), (1300, 2862),

Gene: Tourach_4 Start: 1085, Stop: 2653, Start Num: 149
Candidate Starts for Tourach_4:
(Start: 149 @1085 has 70 MA's), (Start: 155 @1091 has 82 MA's), (Start: 164 @1100 has 12 MA's), (271, 1247), (352, 1349), (414, 1439), (450, 1490), (484, 1544), (582, 1682), (585, 1688), (591, 1709), (636, 1808), (700, 1934), (713, 1955), (728, 1979), (733, 1985), (753, 2015), (757, 2021), (782, 2057), (848, 2114), (873, 2141), (876, 2147), (927, 2225), (963, 2261), (990, 2306), (1031, 2372), (1093, 2447), (1118, 2474), (1241, 2621), (1252, 2645), (1254, 2648),

Gene: Towmatter_11 Start: 4822, Stop: 6558, Start Num: 127
Candidate Starts for Towmatter_11:
(Start: 127 @4822 has 26 MA's), (Start: 139 @4837 has 1 MA's), (Start: 205 @4894 has 7 MA's), (248, 4951), (370, 5083), (428, 5194), (447, 5230), (505, 5326), (593, 5470), (604, 5497), (627, 5545), (758, 5752), (787, 5797), (905, 5950), (988, 6112), (1038, 6193), (1084, 6268), (1159, 6340), (1195, 6376), (1216, 6412), (1251, 6472),

Gene: Toxicola_3 Start: 987, Stop: 2447, Start Num: 193
Candidate Starts for Toxicola_3:
(Start: 193 @987 has 146 MA's), (Start: 198 @993 has 6 MA's), (325, 1155), (377, 1224), (415, 1293), (431, 1314), (455, 1365), (606, 1569), (669, 1704), (744, 1782), (753, 1797), (777, 1833), (804, 1875), (832, 1908), (840, 1926), (923, 2046), (925, 2049), (936, 2061), (990, 2136), (1031, 2199), (1038, 2208), (1044, 2217), (1045, 2220), (1186, 2382), (1199, 2391), (1205, 2400), (1232, 2439),

Gene: TpudiCK_15 Start: 4718, Stop: 6262, Start Num: 181
Candidate Starts for TpudiCK_15:
(Start: 181 @4718 has 21 MA's), (223, 4766), (377, 4967), (454, 5105), (595, 5297), (700, 5507), (733, 5558), (782, 5630), (873, 5693), (893, 5717), (902, 5732), (939, 5792), (953, 5804), (988, 5864), (1003, 5897), (1028, 5930), (1045, 5957), (1090, 6005), (1228, 6191), (1241, 6212),

Gene: Tracker_24 Start: 11932, Stop: 13659, Start Num: 124
Candidate Starts for Tracker_24:
(22, 11698), (52, 11827), (Start: 124 @11932 has 12 MA's), (270, 12082), (317, 12133), (319, 12139), (346, 12178), (361, 12208), (375, 12232), (384, 12250), (398, 12277), (425, 12340), (433, 12358), (597, 12643), (612, 12670), (643, 12754), (695, 12838), (699, 12850), (716, 12883), (798, 12961), (867, 13039), (915, 13111), (937, 13144), (973, 13207), (988, 13234), (996, 13258), (1020, 13282), (1084, 13381), (1121, 13429), (1246, 13567), (1261, 13597), (1297, 13651),

Gene: Trackstar_3 Start: 1179, Stop: 2639, Start Num: 193
Candidate Starts for Trackstar_3:
(Start: 193 @1179 has 146 MA's), (Start: 198 @1185 has 6 MA's), (325, 1347), (330, 1356), (377, 1416), (415, 1485), (431, 1506), (455, 1557), (606, 1761), (669, 1896), (744, 1974), (753, 1989), (765, 2007), (777, 2025), (804, 2067), (832, 2100), (840, 2118), (923, 2238), (925, 2241), (936, 2253), (943, 2265), (953, 2277), (990, 2328), (1028, 2385), (1031, 2391), (1038, 2400), (1044, 2409), (1045, 2412), (1186, 2574), (1199, 2583), (1205, 2592), (1232, 2631),

Gene: Traft412_13 Start: 7666, Stop: 9354, Start Num: 102
Candidate Starts for Traft412_13:
(Start: 102 @7666 has 391 MA's), (363, 7930), (379, 7954), (476, 8116), (500, 8149), (558, 8224), (593, 8314), (603, 8338), (621, 8365), (637, 8413), (720, 8569), (760, 8629), (939, 8863), (952, 8875), (988, 8917), (995, 8938), (1020, 8965), (1096, 9073), (1182, 9163), (1246, 9268),

Gene: Travvers_15 Start: 7375, Stop: 9162, Start Num: 103
Candidate Starts for Travvers_15:
(31, 7216), (34, 7243), (Start: 103 @7375 has 278 MA's), (Start: 206 @7483 has 29 MA's), (226, 7504), (262, 7570), (288, 7612), (350, 7699), (473, 7894), (476, 7897), (558, 8005), (593, 8095), (603, 8119), (646, 8218), (671, 8248), (673, 8251), (729, 8362), (857, 8551), (980, 8710), (988, 8725), (992, 8737), (1007, 8764), (1026, 8785), (1086, 8869), (1096, 8881), (1182, 8971), (1269, 9118), (1290, 9145), (1292, 9148),

Gene: Trax_12 Start: 4818, Stop: 6263, Start Num: 234
Candidate Starts for Trax_12:
(Start: 234 @4818 has 29 MA's), (374, 5004), (431, 5097), (480, 5178), (490, 5190), (508, 5223), (532, 5229), (550, 5247), (557, 5256), (596, 5340), (599, 5349), (631, 5409), (637, 5427), (700, 5547), (717, 5574), (765, 5643), (790, 5673), (855, 5739), (925, 5844), (952, 5871), (990, 5931), (1005, 5955), (1033, 5994), (1087, 6057), (1132, 6108), (1183, 6165),

Gene: Treddle_13 Start: 7975, Stop: 9663, Start Num: 108
Candidate Starts for Treddle_13:
(Start: 108 @7975 has 24 MA's), (Start: 302 @8155 has 3 MA's), (363, 8239), (380, 8266), (383, 8275), (476, 8425), (500, 8458), (558, 8533), (593, 8623), (603, 8647), (621, 8674), (637, 8722), (720, 8878), (760, 8938), (939, 9172), (952, 9184), (988, 9226), (995, 9247), (1020, 9274), (1096, 9382), (1182, 9472), (1246, 9577),

Gene: TriFive_5 Start: 1190, Stop: 2755, Start Num: 149
Candidate Starts for TriFive_5:
(Start: 104 @1139 has 125 MA's), (Start: 112 @1148 has 1 MA's), (Start: 149 @1190 has 70 MA's), (Start: 155 @1196 has 82 MA's), (284, 1367), (312, 1397), (374, 1472), (379, 1478), (381, 1484), (476, 1640), (484, 1649), (486, 1652), (488, 1655), (550, 1730), (582, 1784), (584, 1787), (585, 1790), (688, 2021), (737, 2096), (753, 2117), (757, 2123), (808, 2192), (848, 2216), (866, 2234), (876, 2249), (963, 2363), (988, 2402), (990, 2408), (1031, 2474), (1078, 2528), (1111, 2564), (1118, 2576), (1155, 2615), (1228, 2702), (1252, 2747), (1254, 2750),

Gene: Tribby_8 Start: 3847, Stop: 5601, Start Num: 217
Candidate Starts for Tribby_8:
(172, 3793), (Start: 211 @3841 has 88 MA's), (Start: 217 @3847 has 209 MA's), (280, 3940), (287, 3946), (402, 4138), (446, 4213), (458, 4243), (482, 4273), (504, 4321), (523, 4339), (525, 4342), (547, 4384), (604, 4513), (680, 4699), (728, 4798), (770, 4870), (804, 4927), (859, 5005), (868, 5017), (949, 5131), (967, 5149), (990, 5194), (1000, 5218), (1003, 5221), (1030, 5260), (1131, 5401), (1179, 5446), (1182, 5449), (1196, 5461), (1226, 5509), (1242, 5542), (1244, 5551), (1246, 5554),

Gene: Trike_9 Start: 4773, Stop: 6464, Start Num: 102
Candidate Starts for Trike_9:
(Start: 102 @4773 has 391 MA's), (Start: 126 @4797 has 206 MA's), (Start: 239 @4920 has 2 MA's), (325, 5004), (350, 5040), (363, 5052), (388, 5094), (450, 5193), (476, 5238), (503, 5277), (543, 5325), (558, 5346), (569, 5370), (593, 5421), (646, 5544), (732, 5691), (769, 5751), (798, 5796), (915, 5937), (963, 5991), (988, 6027), (1007, 6066), (1026, 6087), (1096, 6183), (1144, 6252), (1269, 6420), (1292, 6450), (1294, 6453),

Gene: Trine_2 Start: 545, Stop: 2110, Start Num: 195
Candidate Starts for Trine_2:
(Start: 195 @545 has 7 MA's), (Start: 205 @557 has 7 MA's), (282, 650), (312, 686), (381, 773), (409, 827), (454, 905), (483, 947), (494, 962), (518, 992), (554, 1013), (584, 1061), (599, 1112), (635, 1184), (637, 1190), (759, 1316), (836, 1418), (842, 1427), (852, 1439), (856, 1448), (902, 1511), (906, 1517), (918, 1550), (930, 1568), (953, 1601), (962, 1607), (973, 1628), (977, 1637), (980, 1640), (1093, 1808), (1096, 1811), (1133, 1865), (1134, 1868), (1159, 1895), (1203, 1946), (1308, 2102),

Gene: Tripl3t_12 Start: 7661, Stop: 9349, Start Num: 102
Candidate Starts for Tripl3t_12:
(Start: 102 @7661 has 391 MA's), (363, 7925), (379, 7949), (456, 8084), (476, 8111), (500, 8144), (558, 8219), (593, 8309), (603, 8333), (621, 8360), (637, 8408), (720, 8564), (727, 8573), (760, 8624), (930, 8849), (939, 8858), (952, 8870), (988, 8912), (995, 8933), (1020, 8960), (1096, 9068), (1182, 9158), (1246, 9263),

Gene: TripleC_7 Start: 4668, Stop: 6197, Start Num: 212
Candidate Starts for TripleC_7:
(Start: 212 @4668 has 5 MA's), (284, 4755), (Start: 297 @4770 has 2 MA's), (381, 4875), (453, 4998), (467, 5025), (599, 5256), (605, 5268), (631, 5325), (710, 5481), (721, 5502), (767, 5568), (770, 5574), (923, 5781), (990, 5865), (1104, 6000),

Gene: Trireme_3 Start: 1179, Stop: 2639, Start Num: 193
Candidate Starts for Trireme_3:
(Start: 193 @1179 has 146 MA's), (Start: 198 @1185 has 6 MA's), (325, 1347), (330, 1356), (377, 1416), (415, 1485), (431, 1506), (455, 1557), (606, 1761), (669, 1896), (744, 1974), (753, 1989), (765, 2007), (777, 2025), (804, 2067), (832, 2100), (840, 2118), (923, 2238), (925, 2241), (936, 2253), (943, 2265), (953, 2277), (990, 2328), (1028, 2385), (1031, 2391), (1038, 2400), (1044, 2409), (1045, 2412), (1186, 2574), (1199, 2583), (1205, 2592), (1232, 2631),

Gene: Tristan_13 Start: 9212, Stop: 10990, Start Num: 103
Candidate Starts for Tristan_13:
(Start: 103 @9212 has 278 MA's), (Start: 123 @9230 has 9 MA's), (Start: 231 @9341 has 26 MA's), (Start: 239 @9353 has 2 MA's), (260, 9395), (266, 9407), (271, 9416), (288, 9440), (350, 9527), (473, 9722), (476, 9725), (503, 9764), (558, 9833), (593, 9923), (603, 9947), (646, 10046), (673, 10079), (857, 10379), (915, 10466), (992, 10565), (1007, 10592), (1026, 10613), (1096, 10709), (1269, 10946), (1290, 10973), (1292, 10976),

Gene: Triste_6 Start: 2377, Stop: 4023, Start Num: 75
Candidate Starts for Triste_6:
(Start: 75 @2377 has 95 MA's), (Start: 92 @2395 has 10 MA's), (Start: 239 @2527 has 2 MA's), (325, 2599), (350, 2635), (462, 2815), (480, 2836), (515, 2881), (543, 2923), (582, 2995), (593, 3019), (638, 3118), (643, 3133), (663, 3157), (665, 3163), (786, 3331), (915, 3481), (927, 3502), (980, 3565), (992, 3592), (1064, 3700), (1096, 3739), (1109, 3757), (1112, 3760), (1116, 3766), (1130, 3784), (1251, 3940), (1300, 4018),

Gene: Trixie_15 Start: 9087, Stop: 10874, Start Num: 103
Candidate Starts for Trixie_15:
(Start: 103 @9087 has 278 MA's), (Start: 206 @9195 has 29 MA's), (226, 9216), (288, 9324), (325, 9375), (350, 9411), (473, 9606), (476, 9609), (558, 9717), (593, 9807), (603, 9831), (673, 9963), (915, 10350), (992, 10449), (1007, 10476), (1015, 10479), (1026, 10497), (1096, 10593), (1269, 10830), (1290, 10857), (1292, 10860), (1294, 10863), (1296, 10866),

Gene: TrixiePhattel_8 Start: 3466, Stop: 5199, Start Num: 217
Candidate Starts for TrixiePhattel_8:
(Start: 211 @3460 has 88 MA's), (Start: 217 @3466 has 209 MA's), (287, 3565), (410, 3766), (458, 3850), (504, 3928), (523, 3946), (525, 3949), (561, 4018), (604, 4120), (616, 4144), (647, 4234), (680, 4306), (709, 4372), (728, 4405), (744, 4435), (770, 4477), (804, 4534), (859, 4603), (868, 4615), (949, 4729), (967, 4747), (1000, 4816), (1003, 4819), (1068, 4912), (1131, 4999), (1146, 5023), (1182, 5047), (1196, 5059), (1203, 5071), (1244, 5149), (1246, 5152),

Gene: Troje_4 Start: 1111, Stop: 2790, Start Num: 176
Candidate Starts for Troje_4:
(Start: 176 @1111 has 83 MA's), (Start: 224 @1162 has 17 MA's), (237, 1183), (Start: 290 @1222 has 2 MA's), (350, 1309), (382, 1354), (394, 1375), (406, 1384), (443, 1456), (468, 1507), (476, 1516), (507, 1567), (572, 1666), (582, 1687), (596, 1720), (619, 1756), (687, 1900), (706, 1936), (729, 1975), (747, 2008), (778, 2056), (814, 2113), (863, 2146), (890, 2179), (917, 2245), (920, 2251), (971, 2317), (984, 2329), (1038, 2416), (1112, 2512), (1170, 2560), (1222, 2635), (1265, 2716), (1311, 2776), (1313, 2779),

Gene: Trooper_12 Start: 7244, Stop: 9031, Start Num: 103
Candidate Starts for Trooper_12:
(Start: 103 @7244 has 278 MA's), (Start: 206 @7352 has 29 MA's), (226, 7373), (276, 7463), (288, 7481), (325, 7532), (350, 7568), (388, 7622), (406, 7643), (424, 7676), (476, 7766), (503, 7805), (558, 7874), (593, 7964), (603, 7988), (663, 8105), (673, 8120), (915, 8507), (992, 8606), (1007, 8633), (1015, 8636), (1026, 8654), (1096, 8750), (1269, 8987), (1292, 9017),

Gene: Trouble_11 Start: 7310, Stop: 8998, Start Num: 102
Candidate Starts for Trouble_11:
(Start: 102 @7310 has 391 MA's), (Start: 302 @7490 has 3 MA's), (363, 7574), (383, 7610), (406, 7637), (476, 7760), (558, 7868), (593, 7958), (603, 7982), (621, 8009), (637, 8057), (679, 8126), (714, 8201), (720, 8213), (760, 8273), (930, 8498), (939, 8507), (952, 8519), (988, 8561), (995, 8582), (1020, 8609), (1096, 8717), (1182, 8807), (1246, 8912),

Gene: Troy_2 Start: 374, Stop: 1957, Start Num: 205
Candidate Starts for Troy_2:
(Start: 202 @371 has 4 MA's), (Start: 205 @374 has 7 MA's), (Start: 211 @380 has 88 MA's), (341, 551), (374, 629), (380, 638), (483, 812), (575, 914), (582, 920), (586, 929), (587, 938), (618, 998), (635, 1046), (636, 1049), (719, 1112), (778, 1205), (832, 1271), (925, 1427), (944, 1445), (981, 1490), (1001, 1532), (1025, 1568), (1032, 1583), (1052, 1610), (1054, 1613), (1066, 1628), (1099, 1661), (1111, 1676), (1143, 1724), (1175, 1754), (1190, 1772), (1238, 1847), (1278, 1922), (1305, 1946),

Gene: TroyPia_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for TroyPia_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Truckee_7 Start: 3607, Stop: 5346, Start Num: 217
Candidate Starts for Truckee_7:
(Start: 211 @3601 has 88 MA's), (Start: 217 @3607 has 209 MA's), (287, 3706), (353, 3826), (426, 3925), (458, 3997), (504, 4075), (525, 4096), (580, 4198), (604, 4267), (616, 4291), (619, 4300), (680, 4453), (713, 4528), (728, 4552), (791, 4657), (804, 4681), (868, 4762), (949, 4876), (967, 4894), (970, 4900), (991, 4942), (1000, 4963), (1003, 4966), (1007, 4972), (1131, 5146), (1146, 5170), (1182, 5194), (1196, 5206), (1207, 5224), (1244, 5296), (1246, 5299),

Gene: Trufflozitus_13 Start: 7494, Stop: 9239, Start Num: 217
Candidate Starts for Trufflozitus_13:
(Start: 217 @7494 has 209 MA's), (222, 7500), (280, 7587), (287, 7593), (315, 7629), (343, 7683), (393, 7779), (504, 7968), (523, 7986), (525, 7989), (561, 8058), (604, 8160), (621, 8196), (628, 8217), (636, 8241), (660, 8298), (680, 8346), (709, 8412), (728, 8445), (731, 8451), (748, 8481), (761, 8502), (804, 8574), (949, 8769), (991, 8835), (1000, 8856), (1003, 8859), (1043, 8919), (1125, 9030), (1161, 9066), (1182, 9087), (1196, 9099), (1224, 9144), (1226, 9147), (1244, 9189), (1246, 9192),

Gene: Trumpet_2 Start: 498, Stop: 2222, Start Num: 206
Candidate Starts for Trumpet_2:
(Start: 193 @483 has 146 MA's), (Start: 206 @498 has 29 MA's), (280, 588), (437, 828), (439, 834), (450, 858), (483, 915), (536, 987), (633, 1185), (655, 1227), (664, 1233), (702, 1317), (723, 1344), (793, 1455), (809, 1482), (926, 1659), (1092, 1932), (1094, 1935), (1098, 1941), (1115, 1962), (1141, 2001), (1177, 2049), (1185, 2058), (1205, 2082), (1226, 2100), (1253, 2157), (1295, 2214),

Gene: Trustiboi_7 Start: 3738, Stop: 5477, Start Num: 217
Candidate Starts for Trustiboi_7:
(Start: 217 @3738 has 209 MA's), (287, 3837), (353, 3957), (426, 4056), (446, 4098), (458, 4128), (482, 4158), (504, 4206), (525, 4227), (580, 4329), (604, 4398), (616, 4422), (680, 4584), (713, 4659), (728, 4683), (804, 4812), (868, 4893), (949, 5007), (967, 5025), (970, 5031), (1000, 5094), (1003, 5097), (1136, 5286), (1146, 5301), (1182, 5325), (1196, 5337), (1244, 5427), (1246, 5430),

Gene: TrvxScott_5 Start: 2201, Stop: 3847, Start Num: 75
Candidate Starts for TrvxScott_5:
(Start: 75 @2201 has 95 MA's), (189, 2297), (363, 2471), (379, 2495), (382, 2504), (443, 2597), (450, 2612), (462, 2639), (480, 2660), (543, 2747), (582, 2819), (593, 2843), (638, 2942), (654, 2978), (716, 3083), (766, 3119), (786, 3155), (800, 3173), (913, 3302), (915, 3305), (920, 3317), (927, 3326), (933, 3335), (980, 3389), (992, 3416), (1007, 3443), (1028, 3470), (1064, 3524), (1096, 3563), (1112, 3584), (1130, 3608), (1144, 3632), (1196, 3668), (1251, 3764), (1300, 3842),

Gene: TuanPN_6 Start: 2380, Stop: 4026, Start Num: 75
Candidate Starts for TuanPN_6:
(Start: 75 @2380 has 95 MA's), (Start: 92 @2398 has 10 MA's), (325, 2602), (350, 2638), (462, 2818), (480, 2839), (543, 2926), (582, 2998), (593, 3022), (638, 3121), (643, 3136), (663, 3160), (665, 3166), (786, 3334), (841, 3394), (915, 3484), (927, 3505), (992, 3595), (1064, 3703), (1096, 3742), (1112, 3763), (1116, 3769), (1130, 3787), (1251, 3943), (1300, 4021),

Gene: Tubs_13 Start: 8109, Stop: 9896, Start Num: 103
Candidate Starts for Tubs_13:
(Start: 103 @8109 has 278 MA's), (Start: 117 @8124 has 12 MA's), (Start: 123 @8130 has 9 MA's), (Start: 231 @8241 has 26 MA's), (288, 8340), (406, 8502), (445, 8574), (476, 8628), (503, 8667), (558, 8739), (593, 8829), (603, 8853), (663, 8970), (673, 8985), (727, 9093), (776, 9168), (798, 9204), (837, 9264), (920, 9384), (936, 9405), (980, 9444), (1007, 9498), (1015, 9501), (1026, 9519), (1061, 9573), (1086, 9603), (1096, 9615), (1182, 9705), (1198, 9723), (1269, 9852), (1290, 9879), (1292, 9882),

Gene: Tuck_3 Start: 1594, Stop: 3300, Start Num: 101
Candidate Starts for Tuck_3:
(Start: 101 @1594 has 50 MA's), (476, 2023), (512, 2071), (572, 2161), (631, 2293), (646, 2335), (828, 2587), (915, 2710), (1064, 2929), (1096, 2965), (1106, 2980), (1196, 3115), (1251, 3211), (1256, 3223),

Gene: Tucker_15 Start: 7533, Stop: 9287, Start Num: 103
Candidate Starts for Tucker_15:
(Start: 103 @7533 has 278 MA's), (Start: 231 @7665 has 26 MA's), (288, 7764), (309, 7788), (325, 7815), (350, 7851), (406, 7926), (476, 8049), (489, 8064), (503, 8088), (558, 8157), (569, 8181), (571, 8184), (593, 8247), (603, 8271), (671, 8400), (673, 8403), (729, 8514), (855, 8676), (915, 8763), (920, 8775), (928, 8787), (980, 8835), (988, 8850), (1007, 8889), (1026, 8910), (1086, 8994), (1096, 9006), (1269, 9243), (1290, 9270), (1292, 9273),

Gene: TuertoX_2 Start: 318, Stop: 1889, Start Num: 134
Candidate Starts for TuertoX_2:
(Start: 134 @318 has 105 MA's), (251, 426), (281, 474), (313, 504), (332, 537), (397, 621), (402, 630), (431, 666), (461, 726), (550, 816), (596, 912), (607, 936), (630, 978), (654, 1032), (679, 1071), (736, 1137), (741, 1149), (760, 1179), (783, 1212), (837, 1293), (873, 1338), (876, 1344), (895, 1365), (950, 1455), (986, 1500), (989, 1506), (1003, 1536), (1005, 1539), (1044, 1593), (1078, 1629), (1120, 1680), (1162, 1740), (1164, 1743), (1200, 1785), (1266, 1872),

Gene: TukTuk_3 Start: 676, Stop: 2304, Start Num: 211
Candidate Starts for TukTuk_3:
(Start: 211 @676 has 88 MA's), (330, 832), (409, 940), (459, 1024), (479, 1048), (554, 1123), (585, 1174), (586, 1177), (607, 1237), (622, 1255), (632, 1285), (642, 1315), (949, 1771), (963, 1786), (1222, 2137), (1318, 2293),

Gene: Turab_2 Start: 537, Stop: 2243, Start Num: 101
Candidate Starts for Turab_2:
(Start: 101 @537 has 50 MA's), (Start: 224 @624 has 17 MA's), (444, 909), (476, 966), (491, 987), (512, 1014), (572, 1104), (646, 1278), (828, 1530), (915, 1653), (1038, 1833), (1096, 1908), (1106, 1923), (1196, 2058), (1217, 2094), (1244, 2142), (1251, 2154), (1256, 2166),

Gene: Turbido_14 Start: 7910, Stop: 9697, Start Num: 103
Candidate Starts for Turbido_14:
(Start: 103 @7910 has 278 MA's), (Start: 206 @8018 has 29 MA's), (226, 8039), (262, 8105), (264, 8111), (288, 8147), (309, 8171), (350, 8234), (473, 8429), (476, 8432), (558, 8540), (593, 8630), (603, 8654), (637, 8729), (663, 8771), (673, 8786), (857, 9086), (992, 9272), (1007, 9299), (1026, 9320), (1096, 9416), (1269, 9653), (1292, 9683),

Gene: Turj99_10 Start: 6754, Stop: 8442, Start Num: 102
Candidate Starts for Turj99_10:

(Start: 102 @6754 has 391 MA's), (Start: 302 @6934 has 3 MA's), (363, 7018), (383, 7054), (476, 7204), (558, 7312), (593, 7402), (603, 7426), (637, 7501), (679, 7570), (720, 7657), (760, 7717), (939, 7951), (952, 7963), (988, 8005), (995, 8026), (1020, 8053), (1096, 8161), (1182, 8251), (1246, 8356),

Gene: Turuncu_28 Start: 13351, Stop: 15027, Start Num: 126
Candidate Starts for Turuncu_28:
(Start: 126 @13351 has 206 MA's), (270, 13501), (319, 13558), (337, 13585), (346, 13597), (361, 13627), (597, 14011), (612, 14038), (695, 14206), (699, 14218), (716, 14251), (798, 14329), (870, 14410), (915, 14479), (940, 14515), (959, 14545), (996, 14626), (1007, 14641), (1049, 14701), (1084, 14749), (1246, 14935), (1261, 14965),

Gene: Tuti_3 Start: 820, Stop: 2379, Start Num: 134
Candidate Starts for Tuti_3:
(86, 760), (Start: 134 @820 has 105 MA's), (251, 928), (278, 973), (313, 1006), (332, 1039), (396, 1120), (397, 1123), (402, 1132), (431, 1168), (461, 1228), (550, 1318), (552, 1321), (573, 1357), (596, 1414), (599, 1423), (607, 1438), (647, 1522), (679, 1573), (736, 1639), (760, 1681), (806, 1750), (810, 1756), (837, 1795), (855, 1816), (873, 1840), (876, 1846), (895, 1867), (918, 1912), (950, 1948), (952, 1951), (986, 1993), (1005, 2032), (1078, 2122), (1120, 2173), (1214, 2302), (1266, 2362),

Gene: Tutumahutu_2 Start: 533, Stop: 2290, Start Num: 101
Candidate Starts for Tutumahutu_2:
(12, 242), (14, 251), (Start: 101 @533 has 50 MA's), (444, 905), (476, 962), (512, 1010), (572, 1100), (596, 1154), (646, 1274), (699, 1364), (828, 1526), (915, 1700), (1096, 1955), (1106, 1970), (1144, 2024), (1196, 2105), (1244, 2189), (1256, 2213),

Gene: Tweety_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Tweety_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Tweety19_3 Start: 1419, Stop: 3110, Start Num: 101
Candidate Starts for Tweety19_3:
(Start: 101 @1419 has 50 MA's), (168, 1449), (203, 1485), (316, 1596), (434, 1779), (444, 1791), (476, 1848), (538, 1932), (572, 1989), (888, 2478), (1064, 2745), (1096, 2781), (1106, 2796), (1196, 2925), (1208, 2946), (1256, 3033),

Gene: Twigg_9 Start: 6157, Stop: 7908, Start Num: 63
Candidate Starts for Twigg_9:
(Start: 53 @6130 has 20 MA's), (Start: 63 @6157 has 32 MA's), (114, 6226), (228, 6340), (Start: 231 @6346 has 26 MA's), (350, 6478), (406, 6553), (407, 6556), (426, 6589), (445, 6622), (521, 6730), (536, 6754), (558, 6787), (593, 6862), (613, 6907), (643, 6985), (646, 6991), (679, 7036), (763, 7189), (778, 7210), (915, 7384), (928, 7408), (930, 7411), (988, 7471), (992, 7483), (1007, 7510), (1026, 7531), (1086, 7615), (1096, 7627), (1269, 7864), (1294, 7897), (1299, 7903),

Gene: Twinkle_2 Start: 318, Stop: 1901, Start Num: 134
Candidate Starts for Twinkle_2:

(Start: 134 @318 has 105 MA's), (251, 426), (313, 504), (332, 537), (396, 618), (397, 621), (402, 630), (431, 666), (461, 726), (550, 816), (552, 819), (573, 855), (596, 912), (599, 921), (607, 936), (642, 1008), (647, 1020), (679, 1071), (736, 1137), (760, 1179), (837, 1293), (873, 1338), (876, 1344), (895, 1365), (950, 1455), (952, 1458), (986, 1500), (1003, 1536), (1005, 1539), (1031, 1575), (1044, 1593), (1078, 1629), (1120, 1680), (1164, 1743), (1200, 1785), (1228, 1827),

Gene: Twister_11 Start: 6715, Stop: 8406, Start Num: 102
Candidate Starts for Twister_11:
(Start: 102 @6715 has 391 MA's), (Start: 126 @6739 has 206 MA's), (Start: 239 @6862 has 2 MA's), (350, 6982), (363, 6994), (390, 7039), (426, 7093), (443, 7120), (450, 7135), (476, 7180), (503, 7219), (543, 7267), (558, 7288), (569, 7312), (593, 7363), (646, 7486), (720, 7618), (769, 7693), (798, 7738), (864, 7804), (915, 7879), (928, 7903), (988, 7969), (1007, 8008), (1015, 8011), (1026, 8029), (1096, 8125), (1144, 8194), (1269, 8362), (1292, 8392), (1294, 8395),

Gene: TwoPeat_12 Start: 7272, Stop: 8960, Start Num: 102
Candidate Starts for TwoPeat_12:
(Start: 102 @7272 has 391 MA's), (363, 7536), (379, 7560), (476, 7722), (500, 7755), (558, 7830), (593, 7920), (603, 7944), (621, 7971), (637, 8019), (679, 8088), (720, 8175), (727, 8184), (760, 8235), (939, 8469), (952, 8481), (988, 8523), (995, 8544), (1020, 8571), (1096, 8679), (1182, 8769), (1246, 8874),

Gene: TyDawg_14 Start: 4719, Stop: 6263, Start Num: 181
Candidate Starts for TyDawg_14:
(Start: 181 @4719 has 21 MA's), (223, 4767), (377, 4968), (454, 5106), (595, 5298), (700, 5508), (733, 5559), (782, 5631), (873, 5694), (893, 5718), (902, 5733), (939, 5793), (953, 5805), (988, 5865), (1003, 5898), (1028, 5931), (1045, 5958), (1090, 6006), (1228, 6192), (1241, 6213),

Gene: TygerBlood_11 Start: 6886, Stop: 8583, Start Num: 102
Candidate Starts for TygerBlood_11:
(Start: 102 @6886 has 391 MA's), (Start: 126 @6910 has 206 MA's), (Start: 239 @7033 has 2 MA's), (339, 7123), (363, 7156), (426, 7255), (473, 7339), (476, 7342), (503, 7381), (558, 7450), (569, 7474), (593, 7540), (634, 7630), (720, 7795), (778, 7882), (798, 7915), (864, 7981), (913, 8053), (915, 8056), (928, 8080), (980, 8131), (988, 8146), (1007, 8185), (1026, 8206), (1096, 8302), (1269, 8539), (1292, 8569), (1294, 8572),

Gene: Typha_9 Start: 4674, Stop: 6299, Start Num: 141
Candidate Starts for Typha_9:
(67, 4593), (80, 4611), (Start: 117 @4650 has 12 MA's), (129, 4662), (136, 4668), (Start: 141 @4674 has 6 MA's), (146, 4680), (292, 4848), (Start: 302 @4860 has 3 MA's), (312, 4872), (409, 5016), (452, 5112), (454, 5121), (510, 5199), (515, 5205), (573, 5262), (584, 5277), (625, 5367), (635, 5400), (636, 5403), (723, 5475), (759, 5532), (791, 5580), (804, 5601), (812, 5613), (823, 5625), (836, 5649), (853, 5673), (856, 5679), (896, 5736), (908, 5754), (977, 5856), (996, 5898), (1032, 5961), (1040, 5970), (1043, 5976), (1147, 6090), (1170, 6102), (1192, 6120), (1221, 6162), (1245, 6204), (1254, 6219),

Gene: Typhonomachy_4 Start: 1113, Stop: 2792, Start Num: 176
Candidate Starts for Typhonomachy_4:
(Start: 176 @1113 has 83 MA's), (Start: 224 @1164 has 17 MA's), (237, 1185), (Start: 239 @1188 has 2 MA's), (295, 1230), (350, 1311), (394, 1377), (406, 1386), (443, 1458), (450, 1473), (468, 1509), (476, 1518), (507, 1569), (572, 1668), (596, 1722), (619, 1758), (687, 1902), (706, 1938), (747, 2010), (778, 2058), (798, 2091), (814, 2115), (863, 2148), (890, 2181), (913, 2238), (917, 2247), (984, 2331), (995, 2358), (1038, 2418), (1112, 2514), (1185, 2586), (1196, 2598), (1265, 2718), (1311, 2778), (1313, 2781),

Gene: Tyrellus_3 Start: 1086, Stop: 2546, Start Num: 193
Candidate Starts for Tyrellus_3:
(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (744, 1881), (753, 1896), (777, 1932), (804, 1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: Tyson_4 Start: 1052, Stop: 2635, Start Num: 149
Candidate Starts for Tyson_4:
(Start: 149 @1052 has 70 MA's), (Start: 155 @1058 has 82 MA's), (284, 1229), (352, 1316), (374, 1334), (379, 1340), (396, 1376), (486, 1514), (488, 1517), (550, 1592), (582, 1646), (584, 1649), (585, 1652), (659, 1820), (684, 1874), (688, 1883), (700, 1898), (713, 1919), (737, 1958), (753, 1979), (757, 1985), (777, 2012), (808, 2054), (848, 2078), (866, 2096), (873, 2105), (876, 2111), (902, 2144), (918, 2177), (953, 2216), (962, 2222), (963, 2225), (990, 2270), (1031, 2336), (1069, 2387), (1087, 2402), (1093, 2411), (1111, 2426), (1114, 2429), (1207, 2531), (1224, 2558), (1252, 2609), (1254, 2612),

Gene: U2_11 Start: 6935, Stop: 8623, Start Num: 102
Candidate Starts for U2_11:
(Start: 102 @6935 has 391 MA's), (363, 7199), (379, 7223), (456, 7358), (476, 7385), (500, 7418), (558, 7493), (593, 7583), (603, 7607), (621, 7634), (637, 7682), (679, 7751), (720, 7838), (758, 7895), (760, 7898), (930, 8123), (939, 8132), (952, 8144), (988, 8186), (995, 8207), (1020, 8234), (1096, 8342), (1182, 8432), (1246, 8537),

Gene: UPIE_4 Start: 1059, Stop: 2636, Start Num: 155
Candidate Starts for UPIE_4:
(Start: 149 @1053 has 70 MA's), (Start: 155 @1059 has 82 MA's), (284, 1230), (352, 1317), (374, 1335), (379, 1341), (396, 1377), (486, 1515), (488, 1518), (550, 1593), (582, 1647), (584, 1650), (585, 1653), (659, 1821), (684, 1875), (688, 1884), (700, 1899), (713, 1920), (737, 1959), (753, 1980), (757, 1986), (777, 2013), (808, 2055), (848, 2079), (866, 2097), (873, 2106), (876, 2112), (902, 2145), (918, 2178), (953, 2217), (962, 2223), (963, 2226), (990, 2271), (1031, 2337), (1069, 2388), (1087, 2403), (1093, 2412), (1111, 2427), (1114, 2430), (1207, 2532), (1224, 2559), (1252, 2610), (1254, 2613),

Gene: Ubuntu_5 Start: 1855, Stop: 3489, Start Num: 84
Candidate Starts for Ubuntu_5:
(Start: 84 @1855 has 21 MA's), (Start: 128 @1894 has 3 MA's), (199, 1942), (332, 2113), (373, 2152), (487, 2332), (494, 2341), (499, 2350), (550, 2413), (555, 2419), (594, 2503), (595, 2506), (596, 2509), (642, 2605), (643, 2608), (647, 2617), (690, 2683), (720, 2713), (738, 2740), (758, 2773), (772, 2794), (774, 2797), (837, 2893), (855, 2914), (914, 3004), (950, 3046), (965, 3064), (968, 3070), (1005, 3133), (1009, 3139), (1017, 3142), (1044, 3187), (1047, 3193), (1069, 3220), (1087, 3235), (1130, 3286), (1135, 3295), (1145, 3310), (1148, 3313), (1176, 3352), (1188, 3367), (1200, 3382), (1202, 3385), (1263, 3463), (1267, 3469),

Gene: Ugenie5_10 Start: 8142, Stop: 9929, Start Num: 103
Candidate Starts for Ugenie5_10:
(Start: 103 @8142 has 278 MA's), (Start: 117 @8157 has 12 MA's), (Start: 123 @8163 has 9 MA's), (Start: 231 @8274 has 26 MA's), (288, 8373), (406, 8535), (445, 8607), (476, 8661), (503, 8700), (558, 8772), (593, 8862), (603, 8886), (663, 9003), (673, 9018), (727, 9126), (776, 9201), (798, 9237), (837, 9297), (920, 9417), (936, 9438), (980, 9477), (1007, 9531), (1015, 9534), (1026, 9552), (1061, 9606), (1086, 9636), (1096, 9648), (1182, 9738), (1198, 9756), (1269, 9885), (1290, 9912), (1292, 9915),

Gene: UhSalsa_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for UhSalsa_8:

(Start: 104 @3156 has 125 MA's), (Start: 302 @3342 has 3 MA's), (350, 3414), (363, 3426), (379, 3450), (383, 3462), (476, 3615), (489, 3630), (536, 3690), (593, 3798), (621, 3855), (718, 4053), (729, 4071), (763, 4125), (866, 4236), (892, 4269), (915, 4311), (936, 4344), (992, 4413), (1096, 4557), (1130, 4602), (1196, 4662), (1251, 4761), (1269, 4794), (1290, 4821), (1292, 4824), (1294, 4827),

Gene: Ukulele_8 Start: 2277, Stop: 3947, Start Num: 301
Candidate Starts for Ukulele_8:
(Start: 301 @2277 has 48 MA's), (344, 2340), (479, 2574), (548, 2676), (632, 2856), (641, 2880), (650, 2898), (663, 2910), (694, 2973), (698, 2985), (725, 3030), (734, 3045), (784, 3123), (811, 3168), (845, 3222), (851, 3228), (917, 3342), (994, 3486), (1019, 3522), (1118, 3675), (1129, 3687), (1175, 3744), (1205, 3780), (1235, 3831), (1251, 3867), (1253, 3870), (1294, 3936),

Gene: Ulysses_10 Start: 6603, Stop: 8300, Start Num: 102
Candidate Starts for Ulysses_10:
(Start: 102 @6603 has 391 MA's), (Start: 126 @6627 has 206 MA's), (Start: 239 @6750 has 2 MA's), (339, 6840), (363, 6873), (426, 6972), (473, 7056), (476, 7059), (503, 7098), (558, 7167), (569, 7191), (593, 7257), (634, 7347), (720, 7512), (778, 7599), (798, 7632), (864, 7698), (913, 7770), (915, 7773), (928, 7797), (980, 7848), (988, 7863), (1007, 7902), (1026, 7923), (1096, 8019), (1269, 8256), (1292, 8286), (1294, 8289),

Gene: UmaThurman_2 Start: 360, Stop: 1928, Start Num: 163
Candidate Starts for UmaThurman_2:
(59, 255), (Start: 163 @360 has 37 MA's), (269, 477), (313, 519), (Start: 324 @537 has 4 MA's), (334, 552), (362, 573), (377, 594), (394, 627), (396, 633), (431, 693), (451, 729), (454, 741), (491, 786), (498, 795), (522, 822), (577, 891), (584, 900), (630, 1005), (637, 1020), (642, 1035), (702, 1113), (736, 1164), (837, 1320), (869, 1359), (873, 1365), (898, 1398), (914, 1431), (923, 1443), (953, 1479), (963, 1488), (965, 1491), (968, 1497), (984, 1518), (989, 1527), (990, 1530), (1005, 1560), (1026, 1584), (1033, 1599), (1111, 1689), (1118, 1701), (1148, 1743), (1156, 1758), (1176, 1779), (1188, 1794), (1251, 1890), (1262, 1902), (1269, 1911), (1273, 1917),

Gene: Underpass_4 Start: 1069, Stop: 2637, Start Num: 149
Candidate Starts for Underpass_4:
(Start: 149 @1069 has 70 MA's), (Start: 155 @1075 has 82 MA's), (271, 1231), (484, 1528), (488, 1534), (533, 1594), (582, 1666), (585, 1672), (636, 1792), (659, 1840), (684, 1894), (700, 1918), (728, 1963), (733, 1969), (753, 1999), (757, 2005), (777, 2032), (782, 2041), (848, 2098), (855, 2104), (873, 2125), (876, 2131), (925, 2206), (927, 2209), (963, 2245), (990, 2290), (1031, 2356), (1093, 2431), (1114, 2449), (1118, 2458), (1241, 2605), (1252, 2629), (1254, 2632),

Gene: UnionJack_9 Start: 5697, Stop: 7475, Start Num: 53
Candidate Starts for UnionJack_9:
(Start: 53 @5697 has 20 MA's), (Start: 63 @5724 has 32 MA's), (114, 5793), (Start: 154 @5832 has 1 MA's), (228, 5907), (Start: 231 @5913 has 26 MA's), (350, 6045), (406, 6120), (407, 6123), (521, 6297), (536, 6321), (593, 6429), (613, 6474), (643, 6552), (646, 6558), (743, 6723), (763, 6756), (778, 6777), (915, 6951), (988, 7038), (992, 7050), (1007, 7077), (1026, 7098), (1086, 7182), (1096, 7194), (1267, 7428), (1269, 7431), (1294, 7464), (1299, 7470),

Gene: Unstoppable_6 Start: 2420, Stop: 4048, Start Num: 92
Candidate Starts for Unstoppable_6:
(Start: 75 @2402 has 95 MA's), (Start: 92 @2420 has 10 MA's), (325, 2624), (382, 2705), (462, 2840), (480, 2861), (543, 2948), (582, 3020), (593, 3044), (638, 3143), (673, 3197), (751, 3296), (786, 3356), (920, 3518), (927, 3527), (992, 3617), (1007, 3644), (1062, 3722), (1064, 3725), (1096, 3764), (1112, 3785), (1116, 3791), (1130, 3809), (1217, 3905), (1251, 3965),

Gene: Untouchable_16 Start: 9228, Stop: 10973, Start Num: 217
Candidate Starts for Untouchable_16:
(Start: 217 @9228 has 209 MA's), (222, 9234), (287, 9327), (315, 9363), (343, 9417), (353, 9447), (446, 9594), (504, 9702), (523, 9720), (525, 9723), (561, 9792), (596, 9876), (604, 9894), (628, 9951), (680, 10080), (728, 10179), (731, 10185), (791, 10284), (804, 10308), (940, 10494), (949, 10503), (991, 10569), (1000, 10590), (1003, 10593), (1131, 10773), (1179, 10818), (1182, 10821), (1196, 10833), (1244, 10923), (1246, 10926),

Gene: Updawg_14 Start: 7926, Stop: 9713, Start Num: 103
Candidate Starts for Updawg_14:
(23, 7740), (49, 7842), (Start: 103 @7926 has 278 MA's), (Start: 206 @8034 has 29 MA's), (226, 8055), (276, 8145), (288, 8163), (445, 8394), (473, 8445), (476, 8448), (558, 8556), (593, 8646), (603, 8670), (673, 8802), (915, 9189), (1007, 9315), (1026, 9336), (1086, 9420), (1096, 9432), (1269, 9669), (1290, 9696), (1292, 9699), (1294, 9702), (1296, 9705),

Gene: Upsilon_3 Start: 1104, Stop: 2564, Start Num: 193
Candidate Starts for Upsilon_3:
(Start: 193 @1104 has 146 MA's), (Start: 198 @1110 has 6 MA's), (325, 1272), (330, 1281), (377, 1341), (415, 1410), (431, 1431), (451, 1467), (455, 1482), (606, 1686), (669, 1821), (744, 1899), (753, 1914), (765, 1932), (777, 1950), (804, 1992), (832, 2025), (840, 2043), (923, 2163), (925, 2166), (936, 2178), (943, 2190), (990, 2253), (1028, 2310), (1031, 2316), (1038, 2325), (1044, 2334), (1045, 2337), (1186, 2499), (1199, 2508), (1205, 2517), (1232, 2556),

Gene: Upyo_2 Start: 552, Stop: 2117, Start Num: 195
Candidate Starts for Upyo_2:
(Start: 195 @552 has 7 MA's), (208, 567), (237, 603), (381, 780), (409, 834), (429, 858), (483, 954), (494, 969), (554, 1020), (584, 1068), (599, 1119), (605, 1131), (635, 1191), (637, 1197), (639, 1203), (779, 1356), (856, 1455), (866, 1467), (902, 1518), (906, 1524), (923, 1563), (963, 1617), (973, 1635), (1032, 1749), (1096, 1821), (1133, 1875), (1203, 1956), (1308, 2109),

Gene: Urla_2 Start: 426, Stop: 1991, Start Num: 155
Candidate Starts for Urla_2:
(Start: 155 @426 has 82 MA's), (312, 615), (Start: 324 @636 has 4 MA's), (379, 696), (396, 732), (409, 756), (414, 762), (430, 780), (489, 882), (540, 942), (584, 1011), (586, 1017), (607, 1077), (636, 1137), (651, 1173), (740, 1236), (759, 1266), (815, 1362), (883, 1449), (923, 1524), (953, 1557), (963, 1566), (977, 1593), (1030, 1668), (1044, 1689), (1045, 1692), (1126, 1755), (1141, 1779), (1222, 1857), (1244, 1896), (1308, 1977),

Gene: Urza_6 Start: 2578, Stop: 4239, Start Num: 75
Candidate Starts for Urza_6:
(Start: 75 @2578 has 95 MA's), (273, 2761), (316, 2797), (429, 2968), (462, 3031), (503, 3088), (543, 3139), (582, 3211), (593, 3235), (607, 3268), (628, 3304), (638, 3334), (646, 3355), (701, 3448), (751, 3487), (766, 3511), (786, 3547), (915, 3697), (927, 3718), (943, 3739), (1015, 3838), (1096, 3955), (1130, 4000),

Gene: Utz_2 Start: 360, Stop: 1928, Start Num: 163
Candidate Starts for Utz_2:
(59, 255), (Start: 163 @360 has 37 MA's), (251, 444), (269, 477), (313, 519), (Start: 324 @537 has 4 MA's), (334, 552), (362, 573), (377, 594), (396, 633), (431, 693), (451, 729), (454, 741), (489, 783), (498, 795), (516, 816), (522, 822), (584, 900), (630, 1005), (637, 1020), (642, 1035), (702, 1113), (736, 1164), (837, 1320), (869, 1359), (898, 1398), (914, 1431), (923, 1443), (963, 1488), (965, 1491), (968, 1497), (989, 1527), (990, 1530), (1005, 1560), (1026, 1584), (1033, 1599), (1111, 1689), (1118, 1701), (1148, 1743), (1156, 1758), (1176, 1779), (1188, 1794), (1262, 1902), (1269, 1911), (1273, 1917),

Gene: UtzChips_2 Start: 634, Stop: 2352, Start Num: 100
Candidate Starts for UtzChips_2:
(Start: 100 @634 has 15 MA's), (434, 1006), (462, 1057), (476, 1075), (572, 1225), (887, 1720), (1096, 2026), (1106, 2041), (1217, 2206), (1256, 2278),

Gene: Uzumaki_8 Start: 3513, Stop: 5246, Start Num: 217
Candidate Starts for Uzumaki_8:
(Start: 217 @3513 has 209 MA's), (287, 3612), (438, 3849), (458, 3897), (504, 3975), (523, 3993), (525, 3996), (561, 4065), (604, 4167), (616, 4191), (636, 4248), (680, 4353), (728, 4452), (744, 4482), (770, 4524), (804, 4581), (859, 4650), (868, 4662), (949, 4776), (967, 4794), (1000, 4863), (1003, 4866), (1131, 5046), (1146, 5070), (1182, 5094), (1196, 5106), (1203, 5118), (1224, 5151), (1244, 5196), (1246, 5199),

Gene: VA6_12 Start: 7428, Stop: 9218, Start Num: 103
Candidate Starts for VA6_12:
(25, 7254), (Start: 103 @7428 has 278 MA's), (Start: 206 @7536 has 29 MA's), (226, 7557), (288, 7665), (476, 7953), (558, 8061), (593, 8151), (603, 8175), (663, 8292), (673, 8307), (857, 8607), (992, 8793), (1007, 8820), (1026, 8841), (1096, 8937), (1269, 9174), (1290, 9201), (1292, 9204),

Gene: VC3_15 Start: 7374, Stop: 9164, Start Num: 103
Candidate Starts for VC3_15:
(52, 7296), (83, 7347), (Start: 103 @7374 has 278 MA's), (Start: 206 @7482 has 29 MA's), (226, 7503), (262, 7569), (288, 7611), (309, 7635), (406, 7773), (473, 7893), (476, 7896), (558, 8007), (593, 8097), (603, 8121), (634, 8187), (647, 8223), (671, 8250), (673, 8253), (857, 8553), (915, 8640), (936, 8673), (992, 8739), (1007, 8766), (1026, 8787), (1086, 8871), (1096, 8883), (1184, 8976), (1198, 8991), (1269, 9120), (1290, 9147), (1292, 9150),

Gene: VRedHorse_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for VRedHorse_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 184 @629 has 3 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (310, 758), (372, 845), (419, 905), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (482, 998), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (670, 1346), (689, 1388), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1130, 1964), (1140, 1979), (1176, 2006), (1197, 2030), (1202, 2039), (1214, 2060), (1219, 2066), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: VResidence_2 Start: 601, Stop: 2307, Start Num: 103
Candidate Starts for VResidence_2:
(Start: 103 @601 has 278 MA's), (Start: 110 @610 has 2 MA's), (168, 631), (Start: 224 @688 has 17 MA's), (476, 1030), (491, 1051), (512, 1078), (572, 1168), (584, 1192), (619, 1267), (646, 1342), (800, 1555), (828, 1594), (915, 1717), (1064, 1936), (1096, 1972), (1106, 1987), (1256, 2230),

Gene: VWB_2 Start: 559, Stop: 2169, Start Num: 231
Candidate Starts for VWB_2:
(Start: 173 @493 has 9 MA's), (Start: 231 @559 has 26 MA's), (333, 661), (343, 676), (406, 766), (436, 823), (443, 838), (450, 853), (476, 898), (597, 1093), (687, 1270), (729, 1345), (826, 1498), (869, 1525), (871, 1528), (890, 1549), (909, 1588), (943, 1651), (980, 1711), (988, 1726), (1015, 1768), (1020, 1774), (1064, 1846), (1069, 1852), (1095, 1882), (1109, 1903), (1187, 1981), (1226, 2035), (1298, 2149),

Gene: Vallejo_5 Start: 3064, Stop: 4629, Start Num: 155
Candidate Starts for Vallejo_5:
(Start: 155 @3064 has 82 MA's), (Start: 324 @3274 has 4 MA's), (325, 3277), (374, 3328), (404, 3385), (409, 3394), (430, 3418), (573, 3634), (584, 3649), (586, 3655), (607, 3715), (636, 3775), (740, 3874), (759, 3904), (815, 4000), (880, 4078), (883, 4087), (905, 4123), (923, 4162), (953, 4195), (963, 4204), (977, 4231), (1020, 4285), (1044, 4327), (1093, 4348), (1111, 4372), (1126, 4393), (1141, 4417), (1222, 4495), (1308, 4615),

Gene: Vanisius_3 Start: 1086, Stop: 2546, Start Num: 193
Candidate Starts for Vanisius_3:
(Start: 193 @1086 has 146 MA's), (Start: 198 @1092 has 6 MA's), (325, 1254), (330, 1263), (377, 1323), (415, 1392), (431, 1413), (455, 1464), (606, 1668), (744, 1881), (753, 1896), (777, 1932), (804, 1974), (832, 2007), (840, 2025), (923, 2145), (925, 2148), (936, 2160), (990, 2235), (1031, 2298), (1044, 2316), (1045, 2319), (1186, 2481), (1199, 2490), (1205, 2499), (1232, 2538),

Gene: Vanisoa_11 Start: 6197, Stop: 7987, Start Num: 103
Candidate Starts for Vanisoa_11:
(Start: 103 @6197 has 278 MA's), (Start: 117 @6212 has 12 MA's), (Start: 231 @6329 has 26 MA's), (288, 6428), (406, 6590), (422, 6623), (445, 6662), (476, 6716), (503, 6755), (558, 6827), (571, 6854), (593, 6917), (603, 6941), (663, 7058), (673, 7073), (727, 7181), (776, 7256), (839, 7355), (869, 7388), (920, 7472), (936, 7493), (1007, 7589), (1015, 7592), (1026, 7610), (1061, 7664), (1086, 7694), (1096, 7706), (1184, 7799), (1198, 7814), (1230, 7865), (1269, 7943), (1290, 7970), (1292, 7973),

Gene: Vanseggelen_9 Start: 2121, Stop: 3767, Start Num: 75
Candidate Starts for Vanseggelen_9:
(Start: 70 @2112 has 1 MA's), (Start: 75 @2121 has 95 MA's), (Start: 78 @2124 has 1 MA's), (Start: 92 @2139 has 10 MA's), (171, 2193), (325, 2343), (343, 2364), (429, 2496), (443, 2517), (450, 2532), (462, 2559), (468, 2568), (480, 2580), (543, 2667), (571, 2715), (572, 2718), (582, 2739), (593, 2763), (638, 2862), (751, 3015), (763, 3036), (786, 3075), (841, 3135), (915, 3225), (917, 3231), (927, 3246), (936, 3258), (980, 3309), (992, 3336), (1007, 3363), (1061, 3438), (1096, 3483), (1116, 3510), (1130, 3528), (1251, 3684),

Gene: Vardy_17 Start: 10268, Stop: 12013, Start Num: 217
Candidate Starts for Vardy_17:
(Start: 217 @10268 has 209 MA's), (222, 10274), (280, 10361), (287, 10367), (315, 10403), (343, 10457), (353, 10487), (446, 10634), (504, 10742), (523, 10760), (525, 10763), (561, 10832), (596, 10916), (604, 10934), (628, 10991), (680, 11120), (728, 11219), (731, 11225), (791, 11324), (804, 11348), (940, 11534), (949, 11543), (991, 11609), (1000, 11630), (1003, 11633), (1179, 11858), (1182, 11861), (1196, 11873), (1244, 11963), (1246, 11966),

Gene: Vasanti_2 Start: 318, Stop: 1889, Start Num: 134
Candidate Starts for Vasanti_2:
(86, 258), (Start: 134 @318 has 105 MA's), (313, 504), (332, 537), (396, 618), (397, 621), (402, 630), (431, 666), (461, 726), (550, 816), (552, 819), (596, 912), (607, 936), (630, 978), (654, 1032), (679, 1071), (736, 1137), (741, 1149), (760, 1179), (783, 1212), (837, 1293), (873, 1338), (876, 1344), (895, 1365), (950, 1455), (952, 1458), (986, 1500), (989, 1506), (1005, 1539), (1044, 1593), (1078, 1629), (1120, 1680), (1164, 1743), (1167, 1746), (1266, 1872),

Gene: Vash_2 Start: 591, Stop: 2153, Start Num: 308
Candidate Starts for Vash_2:
(Start: 308 @591 has 2 MA's), (349, 660), (450, 816), (479, 864), (535, 945), (536, 948), (548, 969), (550, 972), (560, 990), (564, 999), (578, 1020), (591, 1053), (603, 1083), (617, 1098), (665, 1191),

(734, 1314), (764, 1347), (784, 1380), (845, 1479), (901, 1542), (905, 1548), (944, 1617), (946, 1623), (972, 1668), (973, 1674), (994, 1722), (1062, 1827), (1064, 1830), (1076, 1848), (1203, 2004), (1219, 2028), (1226, 2031), (1260, 2103),

Gene: VasuNzinga_35 Start: 10327, Stop: 12069, Start Num: 176
Candidate Starts for VasuNzinga_35:
(Start: 176 @10327 has 83 MA's), (292, 10444), (325, 10489), (354, 10555), (358, 10570), (379, 10603), (380, 10606), (388, 10621), (407, 10645), (409, 10648), (426, 10678), (436, 10699), (443, 10717), (447, 10726), (463, 10762), (476, 10777), (507, 10822), (543, 10864), (565, 10903), (572, 10915), (582, 10936), (604, 10987), (621, 11008), (747, 11230), (814, 11335), (821, 11344), (871, 11377), (890, 11398), (892, 11401), (908, 11428), (915, 11458), (920, 11470), (930, 11485), (939, 11494), (943, 11500), (971, 11542), (983, 11551), (990, 11566), (995, 11581), (1038, 11641), (1061, 11680), (1089, 11713), (1112, 11743), (1115, 11746), (1163, 11830), (1196, 11884), (1205, 11899), (1224, 11926), (1251, 11980), (1309, 12052), (1311, 12055),

Gene: Vendetta_7 Start: 3467, Stop: 5074, Start Num: 191
Candidate Starts for Vendetta_7:
(Start: 119 @3389 has 3 MA's), (Start: 191 @3467 has 6 MA's), (379, 3695), (430, 3779), (443, 3800), (452, 3821), (554, 3959), (586, 4013), (626, 4100), (627, 4103), (636, 4133), (744, 4238), (803, 4340), (883, 4463), (930, 4550), (950, 4565), (963, 4580), (1002, 4643), (1050, 4712), (1080, 4754), (1096, 4778), (1132, 4829), (1133, 4832), (1169, 4865), (1222, 4931), (1251, 4982), (1310, 5060), (1316, 5066),

Gene: Venti_2 Start: 413, Stop: 2089, Start Num: 134
Candidate Starts for Venti_2:
(Start: 134 @413 has 105 MA's), (313, 629), (338, 668), (360, 725), (362, 731), (373, 749), (397, 794), (404, 806), (409, 815), (414, 821), (451, 878), (459, 899), (467, 911), (541, 1001), (636, 1190), (702, 1286), (720, 1316), (736, 1337), (837, 1490), (984, 1688), (989, 1697), (1000, 1724), (1031, 1766), (1044, 1784), (1118, 1868), (1130, 1883), (1269, 2072),

Gene: Verabelle_7 Start: 2488, Stop: 4134, Start Num: 75
Candidate Starts for Verabelle_7:
(Start: 75 @2488 has 95 MA's), (Start: 92 @2506 has 10 MA's), (325, 2710), (382, 2791), (383, 2794), (462, 2926), (480, 2947), (543, 3034), (593, 3130), (634, 3217), (638, 3229), (673, 3283), (786, 3442), (800, 3460), (915, 3592), (927, 3613), (988, 3691), (992, 3703), (1007, 3730), (1064, 3811), (1096, 3850), (1116, 3877), (1130, 3895), (1261, 4072),

Gene: Veracruz_11 Start: 7044, Stop: 8741, Start Num: 102
Candidate Starts for Veracruz_11:
(Start: 102 @7044 has 391 MA's), (Start: 126 @7068 has 206 MA's), (363, 7314), (465, 7488), (476, 7500), (503, 7539), (518, 7551), (558, 7608), (569, 7632), (593, 7698), (596, 7707), (634, 7788), (646, 7821), (720, 7953), (729, 7965), (763, 8019), (778, 8040), (798, 8073), (855, 8127), (915, 8214), (928, 8238), (930, 8241), (936, 8247), (943, 8256), (988, 8304), (1007, 8343), (1015, 8346), (1026, 8364), (1096, 8460), (1134, 8514), (1253, 8667), (1269, 8697), (1292, 8727), (1294, 8730),

Gene: Verse_6 Start: 2569, Stop: 4215, Start Num: 75
Candidate Starts for Verse_6:
(Start: 70 @2560 has 1 MA's), (Start: 75 @2569 has 95 MA's), (Start: 78 @2572 has 1 MA's), (Start: 92 @2587 has 10 MA's), (171, 2641), (189, 2665), (325, 2791), (382, 2872), (443, 2965), (450, 2980), (462, 3007), (468, 3016), (480, 3028), (543, 3115), (571, 3163), (593, 3211), (638, 3310), (663, 3349), (751, 3463), (763, 3484), (786, 3523), (915, 3673), (917, 3679), (927, 3694), (936, 3706), (980, 3757), (1007, 3811), (1062, 3889), (1064, 3892), (1096, 3931), (1116, 3958), (1130, 3976), (1251, 4132),

Gene: Veteran_2 Start: 588, Stop: 2225, Start Num: 126
Candidate Starts for Veteran_2:
(Start: 126 @588 has 206 MA's), (Start: 139 @603 has 1 MA's), (Start: 147 @612 has 3 MA's), (153, 618), (Start: 184 @645 has 3 MA's), (Start: 217 @669 has 209 MA's), (Start: 219 @672 has 2 MA's), (271, 735), (291, 753), (310, 774), (372, 861), (375, 867), (419, 921), (433, 933), (442, 945), (445, 954), (447, 957), (454, 978), (467, 999), (482, 1014), (519, 1071), (543, 1110), (580, 1179), (584, 1185), (597, 1215), (598, 1218), (603, 1227), (612, 1242), (621, 1260), (638, 1311), (695, 1413), (845, 1584), (859, 1596), (872, 1614), (915, 1680), (934, 1710), (937, 1713), (940, 1716), (988, 1773), (993, 1788), (995, 1794), (996, 1797), (1007, 1812), (1020, 1821), (1062, 1890), (1082, 1920), (1112, 1962), (1130, 1980), (1140, 1995), (1176, 2022), (1202, 2055), (1219, 2082), (1222, 2085), (1235, 2106), (1246, 2130), (1251, 2139), (1253, 2142), (1284, 2199),

Gene: Vetrix_4 Start: 1069, Stop: 2637, Start Num: 149
Candidate Starts for Vetrix_4:
(Start: 149 @1069 has 70 MA's), (Start: 155 @1075 has 82 MA's), (271, 1231), (484, 1528), (488, 1534), (533, 1594), (582, 1666), (585, 1672), (636, 1792), (659, 1840), (684, 1894), (700, 1918), (728, 1963), (733, 1969), (753, 1999), (757, 2005), (777, 2032), (782, 2041), (848, 2098), (855, 2104), (873, 2125), (876, 2131), (925, 2206), (927, 2209), (963, 2245), (990, 2290), (1031, 2356), (1093, 2431), (1114, 2449), (1118, 2458), (1241, 2605), (1252, 2629), (1254, 2632),

Gene: Vidya_2 Start: 413, Stop: 2089, Start Num: 134
Candidate Starts for Vidya_2:
(Start: 134 @413 has 105 MA's), (313, 629), (338, 668), (360, 725), (362, 731), (373, 749), (397, 794), (404, 806), (409, 815), (414, 821), (451, 878), (459, 899), (467, 911), (541, 1001), (636, 1190), (702, 1286), (720, 1316), (736, 1337), (837, 1490), (984, 1688), (989, 1697), (1000, 1724), (1031, 1766), (1044, 1784), (1118, 1868), (1130, 1883), (1269, 2072),

Gene: VieEnRose_6 Start: 2652, Stop: 4313, Start Num: 75
Candidate Starts for VieEnRose_6:
(Start: 75 @2652 has 95 MA's), (273, 2835), (316, 2871), (429, 3042), (462, 3105), (503, 3162), (543, 3213), (582, 3285), (593, 3309), (607, 3342), (628, 3378), (638, 3408), (646, 3429), (701, 3522), (751, 3561), (766, 3585), (786, 3621), (841, 3681), (915, 3771), (927, 3792), (943, 3813), (1015, 3912), (1096, 4029), (1130, 4074),

Gene: Vine_5 Start: 1901, Stop: 3577, Start Num: 176
Candidate Starts for Vine_5:
(Start: 176 @1901 has 83 MA's), (Start: 224 @1952 has 17 MA's), (237, 1973), (295, 2018), (325, 2060), (350, 2096), (394, 2162), (450, 2258), (468, 2294), (476, 2303), (480, 2306), (507, 2354), (518, 2366), (572, 2453), (597, 2510), (654, 2633), (687, 2687), (791, 2867), (814, 2900), (890, 2966), (917, 3032), (920, 3038), (988, 3122), (1038, 3203), (1061, 3236), (1116, 3305), (1196, 3383), (1253, 3482), (1265, 3503), (1269, 3509), (1311, 3563), (1313, 3566),

Gene: Violac_2 Start: 571, Stop: 2208, Start Num: 126
Candidate Starts for Violac_2:
(Start: 126 @571 has 206 MA's), (133, 580), (Start: 147 @595 has 3 MA's), (Start: 184 @628 has 3 MA's), (Start: 217 @652 has 209 MA's), (Start: 219 @655 has 2 MA's), (271, 718), (310, 757), (372, 844), (419, 904), (433, 916), (442, 928), (445, 937), (447, 940), (454, 961), (467, 982), (519, 1054), (543, 1093), (580, 1162), (584, 1168), (597, 1198), (598, 1201), (603, 1210), (612, 1225), (621, 1243), (638, 1294), (670, 1345), (695, 1396), (845, 1567), (856, 1576), (859, 1579), (915, 1663), (934, 1693), (937, 1696), (940, 1699), (988, 1756), (993, 1771), (995, 1777), (996, 1780), (1007, 1795), (1020, 1804), (1062, 1873), (1082, 1903), (1084, 1912), (1112, 1945), (1130, 1963), (1140, 1978), (1176, 2005), (1202, 2038), (1219, 2065), (1222, 2068), (1235, 2089), (1246, 2113), (1251, 2122), (1253, 2125), (1284, 2182),

Gene: Vitas_2 Start: 593, Stop: 2155, Start Num: 211
Candidate Starts for Vitas_2:
(Start: 211 @593 has 88 MA's), (Start: 297 @701 has 2 MA's), (330, 749), (409, 857), (414, 863), (426, 872), (429, 878), (430, 881), (485, 977), (554, 1040), (607, 1154), (636, 1214), (642, 1232), (791, 1460), (829, 1505), (914, 1643), (1189, 1970), (1310, 2144), (1314, 2147),

Gene: VitulaEligans_3 Start: 1155, Stop: 2615, Start Num: 193
Candidate Starts for VitulaEligans_3:
(Start: 193 @1155 has 146 MA's), (Start: 198 @1161 has 6 MA's), (325, 1323), (330, 1332), (377, 1392), (415, 1461), (431, 1482), (455, 1533), (606, 1737), (669, 1872), (744, 1950), (753, 1965), (777, 2001), (804, 2043), (832, 2076), (840, 2094), (923, 2214), (925, 2217), (936, 2229), (990, 2304), (1031, 2367), (1044, 2385), (1045, 2388), (1186, 2550), (1199, 2559), (1205, 2568),

Gene: Vivum_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for Vivum_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 184 @629 has 3 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (310, 758), (372, 845), (419, 905), (433, 917), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (689, 1388), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1140, 1979), (1176, 2006), (1202, 2039), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: Vix_13 Start: 7039, Stop: 8739, Start Num: 104
Candidate Starts for Vix_13:
(Start: 104 @7039 has 125 MA's), (151, 7087), (292, 7222), (426, 7414), (476, 7501), (593, 7699), (634, 7789), (671, 7852), (760, 8014), (915, 8212), (928, 8236), (930, 8239), (988, 8302), (992, 8314), (995, 8323), (1026, 8362), (1096, 8458), (1134, 8512), (1182, 8548), (1269, 8695), (1292, 8725), (1294, 8728),

Gene: VohminGhazi_15 Start: 7533, Stop: 9287, Start Num: 103
Candidate Starts for VohminGhazi_15:
(Start: 103 @7533 has 278 MA's), (288, 7764), (325, 7815), (350, 7851), (406, 7926), (476, 8049), (503, 8088), (558, 8157), (569, 8181), (571, 8184), (593, 8247), (603, 8271), (646, 8370), (647, 8373), (671, 8400), (673, 8403), (864, 8688), (920, 8775), (928, 8787), (988, 8850), (1007, 8889), (1026, 8910), (1086, 8994), (1096, 9006), (1269, 9243), (1290, 9270), (1292, 9273),

Gene: VroomVroom_2 Start: 553, Stop: 2283, Start Num: 103
Candidate Starts for VroomVroom_2:
(Start: 103 @553 has 278 MA's), (Start: 224 @667 has 17 MA's), (350, 811), (430, 931), (434, 940), (462, 991), (476, 1009), (512, 1057), (572, 1150), (699, 1414), (930, 1726), (1038, 1879), (1096, 1954), (1106, 1969), (1171, 2047), (1196, 2098), (1256, 2206), (1298, 2269),

Gene: Vulpecula_3 Start: 1027, Stop: 2607, Start Num: 224
Candidate Starts for Vulpecula_3:
(72, 850), (Start: 164 @961 has 12 MA's), (Start: 224 @1027 has 17 MA's), (Start: 300 @1123 has 12 MA's), (306, 1132), (401, 1264), (409, 1279), (430, 1303), (607, 1576), (619, 1588), (636, 1636), (643, 1657), (674, 1717), (687, 1747), (698, 1756), (744, 1819), (896, 2035), (905, 2047), (949, 2113), (963, 2128), (980, 2158), (1014, 2197), (1017, 2206), (1023, 2215), (1093, 2305), (1246, 2515), (1306, 2596),

Gene: Vulture_2 Start: 429, Stop: 1994, Start Num: 155
Candidate Starts for Vulture_2:
(Start: 155 @429 has 82 MA's), (Start: 297 @600 has 2 MA's), (374, 693), (404, 750), (409, 759), (430, 783), (455, 837), (554, 966), (607, 1080), (636, 1140), (647, 1170), (759, 1269), (768, 1284), (883, 1452), (923, 1527), (925, 1530), (953, 1560), (1015, 1644), (1044, 1692), (1096, 1716), (1182, 1806), (1222, 1860), (1272, 1941), (1308, 1980),

Gene: Wachhund_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for Wachhund_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 184 @629 has 3 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (310, 758), (372, 845), (419, 905), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (482, 998), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (670, 1346), (689, 1388), (695, 1397), (845, 1568), (859, 1580), (872, 1598), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1084, 1913), (1130, 1964), (1140, 1979), (1176, 2006), (1197, 2030), (1202, 2039), (1214, 2060), (1219, 2066), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: Waits_14 Start: 6653, Stop: 8350, Start Num: 103
Candidate Starts for Waits_14:
(Start: 103 @6653 has 278 MA's), (121, 6671), (292, 6833), (445, 7058), (476, 7112), (558, 7220), (571, 7247), (593, 7310), (603, 7334), (928, 7850), (988, 7913), (1015, 7955), (1096, 8069), (1196, 8174), (1269, 8306), (1290, 8333), (1292, 8336), (1294, 8339),

Gene: WalkingDead_3 Start: 947, Stop: 2572, Start Num: 211
Candidate Starts for WalkingDead_3:
(Start: 211 @947 has 88 MA's), (330, 1103), (381, 1157), (409, 1211), (426, 1226), (459, 1295), (491, 1340), (585, 1445), (586, 1448), (607, 1508), (622, 1526), (623, 1529), (632, 1556), (642, 1586), (744, 1748), (898, 1964), (949, 2039), (962, 2051), (1222, 2405),

Gene: Wallaby_7 Start: 1988, Stop: 3688, Start Num: 176
Candidate Starts for Wallaby_7:
(Start: 176 @1988 has 83 MA's), (203, 2018), (237, 2060), (350, 2198), (383, 2246), (407, 2276), (426, 2309), (443, 2345), (450, 2360), (454, 2375), (476, 2405), (507, 2456), (572, 2555), (582, 2576), (619, 2645), (634, 2687), (645, 2717), (729, 2864), (758, 2915), (798, 2978), (814, 3002), (888, 3068), (908, 3101), (911, 3125), (913, 3128), (917, 3137), (930, 3158), (956, 3185), (988, 3230), (992, 3242), (994, 3248), (1007, 3269), (1035, 3308), (1112, 3407), (1140, 3443), (1222, 3530), (1265, 3611), (1269, 3617), (1311, 3674), (1313, 3677),

Gene: Walrus_2 Start: 361, Stop: 1959, Start Num: 163
Candidate Starts for Walrus_2:
(Start: 113 @334 has 24 MA's), (157, 355), (Start: 163 @361 has 37 MA's), (269, 475), (275, 484), (313, 517), (Start: 324 @535 has 4 MA's), (334, 550), (362, 571), (377, 592), (395, 628), (409, 655), (431, 691), (451, 727), (454, 739), (489, 781), (491, 784), (607, 961), (630, 1003), (637, 1018), (642, 1033), (643, 1036), (702, 1111), (736, 1162), (837, 1318), (855, 1339), (857, 1342), (914, 1429), (923, 1441), (952, 1474), (953, 1477), (984, 1516), (988, 1522), (989, 1525), (1031, 1594), (1033, 1597), (1085, 1657), (1087, 1660), (1093, 1669), (1148, 1738), (1156, 1753), (1287, 1942),

Gene: WalterMcMickey_11 Start: 6715, Stop: 8406, Start Num: 102
Candidate Starts for WalterMcMickey_11:
(Start: 102 @6715 has 391 MA's), (Start: 126 @6739 has 206 MA's), (Start: 239 @6862 has 2 MA's), (350, 6982), (363, 6994), (390, 7039), (426, 7093), (443, 7120), (450, 7135), (476, 7180), (503, 7219),

(543, 7267), (558, 7288), (569, 7312), (593, 7363), (646, 7486), (720, 7618), (769, 7693), (798, 7738), (864, 7804), (915, 7879), (928, 7903), (988, 7969), (1007, 8008), (1015, 8011), (1026, 8029), (1096, 8125), (1144, 8194), (1269, 8362), (1292, 8392), (1294, 8395),

Gene: Wamburgrxpress_4 Start: 1052, Stop: 2635, Start Num: 149
Candidate Starts for Wamburgrxpress_4:
(Start: 149 @1052 has 70 MA's), (Start: 155 @1058 has 82 MA's), (284, 1229), (352, 1316), (374, 1334), (379, 1340), (396, 1376), (486, 1514), (488, 1517), (550, 1592), (582, 1646), (584, 1649), (585, 1652), (659, 1820), (684, 1874), (688, 1883), (700, 1898), (713, 1919), (737, 1958), (753, 1979), (757, 1985), (777, 2012), (808, 2054), (848, 2078), (866, 2096), (873, 2105), (876, 2111), (902, 2144), (918, 2177), (953, 2216), (962, 2222), (963, 2225), (990, 2270), (1031, 2336), (1069, 2387), (1087, 2402), (1093, 2411), (1111, 2426), (1114, 2429), (1207, 2531), (1224, 2558), (1252, 2609), (1254, 2612),

Gene: Wanda_10 Start: 3688, Stop: 5220, Start Num: 232
Candidate Starts for Wanda_10:
(159, 3604), (Start: 196 @3646 has 1 MA's), (207, 3655), (Start: 232 @3688 has 12 MA's), (323, 3802), (360, 3865), (380, 3898), (381, 3901), (401, 3940), (404, 3946), (452, 4021), (454, 4030), (550, 4132), (573, 4171), (588, 4204), (713, 4453), (767, 4516), (783, 4543), (900, 4702), (918, 4738), (939, 4759), (952, 4768), (962, 4777), (990, 4831), (1000, 4855), (1062, 4936), (1186, 5089), (1202, 5101),

Gene: Wander_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for Wander_11:
(Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (426, 7253), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Warda_2 Start: 533, Stop: 2239, Start Num: 101
Candidate Starts for Warda_2:
(Start: 101 @533 has 50 MA's), (444, 905), (476, 962), (512, 1010), (572, 1100), (596, 1154), (646, 1274), (699, 1364), (828, 1526), (915, 1649), (1096, 1904), (1106, 1919), (1196, 2054), (1244, 2138), (1256, 2162),

Gene: Warrior24_14 Start: 6657, Stop: 8354, Start Num: 103
Candidate Starts for Warrior24_14:
(Start: 103 @6657 has 278 MA's), (121, 6675), (292, 6837), (406, 6993), (445, 7062), (476, 7116), (558, 7224), (571, 7251), (593, 7314), (603, 7338), (928, 7854), (988, 7917), (1015, 7959), (1096, 8073), (1196, 8178), (1269, 8310), (1290, 8337), (1292, 8340), (1294, 8343),

Gene: Watermelon_13 Start: 7861, Stop: 9549, Start Num: 102
Candidate Starts for Watermelon_13:
(Start: 102 @7861 has 391 MA's), (363, 8125), (379, 8149), (476, 8311), (500, 8344), (558, 8419), (593, 8509), (603, 8533), (621, 8560), (637, 8608), (679, 8677), (720, 8764), (760, 8824), (939, 9058), (952, 9070), (988, 9112), (995, 9133), (1020, 9160), (1096, 9268), (1182, 9358), (1246, 9463),

Gene: Watson_13 Start: 6949, Stop: 8649, Start Num: 104
Candidate Starts for Watson_13:
(Start: 104 @6949 has 125 MA's), (151, 6997), (292, 7132), (426, 7324), (476, 7411), (593, 7609), (634, 7699), (671, 7762), (760, 7924), (915, 8122), (928, 8146), (930, 8149), (988, 8212), (995, 8233), (1026, 8272), (1096, 8368), (1134, 8422), (1182, 8458), (1269, 8605), (1292, 8635), (1294, 8638),

Gene: Wawa_5 Start: 3103, Stop: 4668, Start Num: 155

Candidate Starts for Wawa_5:
(Start: 155 @3103 has 82 MA's), (Start: 324 @3313 has 4 MA's), (325, 3316), (374, 3367), (409, 3433), (430, 3457), (573, 3673), (582, 3685), (584, 3688), (586, 3694), (607, 3754), (636, 3814), (640, 3826), (740, 3913), (759, 3943), (768, 3958), (815, 4039), (880, 4117), (883, 4126), (905, 4162), (923, 4201), (953, 4234), (963, 4243), (977, 4270), (1020, 4324), (1044, 4366), (1111, 4411), (1126, 4432), (1141, 4456), (1222, 4534), (1308, 4654),

Gene: Wayne_5 Start: 3150, Stop: 4718, Start Num: 155
Candidate Starts for Wayne_5:
(Start: 155 @3150 has 82 MA's), (306, 3336), (325, 3366), (374, 3417), (381, 3429), (396, 3459), (404, 3474), (430, 3507), (489, 3609), (554, 3690), (584, 3738), (607, 3804), (632, 3852), (635, 3861), (637, 3867), (723, 3936), (740, 3963), (759, 3993), (783, 4032), (905, 4212), (953, 4284), (977, 4320), (1044, 4416), (1126, 4482), (1164, 4512), (1169, 4518), (1222, 4584), (1308, 4704),

Gene: Webster2_5 Start: 1855, Stop: 3489, Start Num: 84
Candidate Starts for Webster2_5:
(Start: 84 @1855 has 21 MA's), (Start: 128 @1894 has 3 MA's), (199, 1942), (332, 2113), (373, 2152), (487, 2332), (494, 2341), (499, 2350), (550, 2413), (555, 2419), (594, 2503), (595, 2506), (596, 2509), (642, 2605), (643, 2608), (647, 2617), (690, 2683), (720, 2713), (738, 2740), (758, 2773), (772, 2794), (774, 2797), (837, 2893), (855, 2914), (914, 3004), (950, 3046), (965, 3064), (968, 3070), (1005, 3133), (1009, 3139), (1017, 3142), (1044, 3187), (1047, 3193), (1069, 3220), (1087, 3235), (1130, 3286), (1135, 3295), (1145, 3310), (1148, 3313), (1176, 3352), (1188, 3367), (1200, 3382), (1202, 3385), (1263, 3463), (1267, 3469),

Gene: Wee_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Wee_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (445, 953), (447, 956), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: WeiHuaDA_17 Start: 9697, Stop: 11484, Start Num: 103
Candidate Starts for WeiHuaDA_17:
(Start: 103 @9697 has 278 MA's), (Start: 206 @9805 has 29 MA's), (226, 9826), (288, 9934), (325, 9985), (350, 10021), (473, 10216), (476, 10219), (558, 10327), (593, 10417), (603, 10441), (673, 10573), (915, 10960), (992, 11059), (1007, 11086), (1015, 11089), (1026, 11107), (1096, 11203), (1269, 11440), (1290, 11467), (1292, 11470), (1294, 11473), (1296, 11476),

Gene: Weirdo19_2 Start: 543, Stop: 2216, Start Num: 79
Candidate Starts for Weirdo19_2:
(48, 483), (64, 522), (79, 543), (Start: 299 @729 has 3 MA's), (315, 747), (325, 768), (332, 780), (336, 783), (396, 861), (397, 864), (451, 945), (531, 1044), (550, 1074), (584, 1131), (596, 1170), (656, 1293), (760, 1482), (815, 1572), (830, 1590), (833, 1596), (854, 1620), (866, 1638), (914, 1713), (918, 1719), (939, 1743), (969, 1782), (988, 1806), (990, 1812), (1005, 1842), (1009, 1848), (1017, 1851), (1031, 1878), (1087, 1944), (1130, 1995), (1135, 2004), (1148, 2022), (1186, 2067), (1193, 2076), (1200, 2085), (1225, 2121), (1229, 2127), (1285, 2205),

Gene: WelcomeAyanna_2 Start: 498, Stop: 2222, Start Num: 206

Candidate Starts for WelcomeAyanna_2:
(Start: 193 @483 has 146 MA's), (Start: 206 @498 has 29 MA's), (280, 588), (356, 702), (426, 804), (437, 828), (439, 834), (450, 858), (452, 864), (483, 915), (536, 987), (633, 1185), (655, 1227), (664, 1233), (702, 1317), (704, 1320), (723, 1344), (793, 1455), (809, 1482), (926, 1659), (1092, 1932), (1094, 1935), (1098, 1941), (1115, 1962), (1137, 1995), (1141, 2001), (1177, 2049), (1185, 2058), (1205, 2082), (1226, 2100), (1253, 2157), (1295, 2214),

Gene: Werner_6 Start: 2377, Stop: 4023, Start Num: 75
Candidate Starts for Werner_6:
(Start: 75 @2377 has 95 MA's), (Start: 92 @2395 has 10 MA's), (Start: 239 @2527 has 2 MA's), (325, 2599), (350, 2635), (462, 2815), (480, 2836), (515, 2881), (543, 2923), (582, 2995), (593, 3019), (638, 3118), (643, 3133), (663, 3157), (665, 3163), (786, 3331), (915, 3481), (927, 3502), (980, 3565), (992, 3592), (1064, 3700), (1096, 3739), (1112, 3760), (1116, 3766), (1130, 3784), (1217, 3880), (1251, 3940), (1300, 4018),

Gene: Westerlin_7 Start: 4800, Stop: 6539, Start Num: 217
Candidate Starts for Westerlin_7:
(Start: 217 @4800 has 209 MA's), (287, 4899), (353, 5019), (426, 5118), (446, 5160), (458, 5190), (482, 5220), (504, 5268), (525, 5289), (580, 5391), (604, 5460), (616, 5484), (647, 5574), (680, 5646), (713, 5721), (728, 5745), (804, 5874), (868, 5955), (949, 6069), (967, 6087), (970, 6093), (1000, 6156), (1003, 6159), (1136, 6348), (1146, 6363), (1182, 6387), (1196, 6399), (1244, 6489), (1246, 6492),

Gene: Westrich_4 Start: 958, Stop: 2538, Start Num: 224
Candidate Starts for Westrich_4:
(Start: 164 @892 has 12 MA's), (Start: 224 @958 has 17 MA's), (Start: 300 @1054 has 12 MA's), (306, 1063), (Start: 314 @1072 has 1 MA's), (325, 1093), (355, 1117), (374, 1144), (381, 1156), (401, 1195), (409, 1210), (430, 1234), (443, 1255), (587, 1456), (607, 1507), (622, 1525), (636, 1567), (643, 1588), (674, 1648), (687, 1678), (698, 1687), (744, 1750), (905, 1978), (923, 2017), (949, 2044), (963, 2059), (980, 2089), (1014, 2128), (1063, 2206), (1093, 2236), (1114, 2263), (1246, 2446), (1249, 2452), (1259, 2473), (1306, 2527),

Gene: Whabigail7_14 Start: 7898, Stop: 9685, Start Num: 103
Candidate Starts for Whabigail7_14:
(Start: 103 @7898 has 278 MA's), (Start: 206 @8006 has 29 MA's), (226, 8027), (262, 8093), (264, 8099), (288, 8135), (309, 8159), (350, 8222), (473, 8417), (476, 8420), (558, 8528), (593, 8618), (603, 8642), (637, 8717), (663, 8759), (673, 8774), (857, 9074), (992, 9260), (1007, 9287), (1026, 9308), (1096, 9404), (1269, 9641), (1292, 9671),

Gene: Whack_2 Start: 366, Stop: 1988, Start Num: 134
Candidate Starts for Whack_2:
(Start: 113 @345 has 24 MA's), (118, 351), (Start: 134 @366 has 105 MA's), (259, 504), (313, 564), (332, 597), (402, 690), (451, 762), (476, 804), (575, 921), (596, 972), (607, 996), (668, 1113), (679, 1131), (817, 1332), (869, 1398), (884, 1416), (893, 1428), (953, 1518), (968, 1536), (1000, 1593), (1033, 1638), (1044, 1653), (1085, 1698),

Gene: Whatever_6 Start: 2377, Stop: 4023, Start Num: 75
Candidate Starts for Whatever_6:
(Start: 75 @2377 has 95 MA's), (Start: 92 @2395 has 10 MA's), (Start: 239 @2527 has 2 MA's), (325, 2599), (350, 2635), (462, 2815), (480, 2836), (515, 2881), (543, 2923), (582, 2995), (593, 3019), (638, 3118), (643, 3133), (663, 3157), (665, 3163), (786, 3331), (915, 3481), (927, 3502), (980, 3565), (992, 3592), (1064, 3700), (1096, 3739), (1112, 3760), (1116, 3766), (1130, 3784), (1217, 3880), (1251, 3940), (1300, 4018),

Gene: Whatsapiecost_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Whatsapiecost_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: WheatThin_6 Start: 1978, Stop: 3408, Start Num: 329
Candidate Starts for WheatThin_6:
(201, 1810), (Start: 204 @1813 has 1 MA's), (213, 1822), (Start: 329 @1978 has 15 MA's), (343, 1996), (409, 2119), (427, 2137), (448, 2176), (452, 2185), (504, 2269), (585, 2353), (588, 2368), (601, 2401), (634, 2467), (700, 2599), (819, 2788), (829, 2800), (866, 2848), (898, 2890), (928, 2941), (989, 3016), (990, 3019), (1003, 3046), (1044, 3106), (1069, 3139), (1083, 3154), (1118, 3190), (1154, 3232), (1178, 3259), (1211, 3295), (1214, 3301), (1241, 3340),

Gene: Wheeler_11 Start: 7027, Stop: 8715, Start Num: 102
Candidate Starts for Wheeler_11:
(Start: 102 @7027 has 391 MA's), (363, 7291), (379, 7315), (476, 7477), (500, 7510), (558, 7585), (593, 7675), (603, 7699), (621, 7726), (637, 7774), (720, 7930), (760, 7990), (939, 8224), (952, 8236), (988, 8278), (995, 8299), (1020, 8326), (1096, 8434), (1182, 8524), (1246, 8629),

Gene: Wheezy_24 Start: 12135, Stop: 13862, Start Num: 124
Candidate Starts for Wheezy_24:
(22, 11901), (52, 12030), (Start: 124 @12135 has 12 MA's), (270, 12285), (317, 12336), (319, 12342), (346, 12381), (361, 12411), (375, 12435), (384, 12453), (398, 12480), (425, 12543), (433, 12561), (597, 12846), (612, 12873), (643, 12957), (695, 13041), (699, 13053), (716, 13086), (798, 13164), (867, 13242), (915, 13314), (937, 13347), (973, 13410), (988, 13437), (996, 13461), (1020, 13485), (1084, 13584), (1121, 13632), (1246, 13770), (1261, 13800), (1297, 13854),

Gene: Whirlwind_6 Start: 1185, Stop: 2750, Start Num: 149
Candidate Starts for Whirlwind_6:
(Start: 149 @1185 has 70 MA's), (Start: 155 @1191 has 82 MA's), (284, 1362), (374, 1467), (381, 1479), (476, 1635), (484, 1644), (486, 1647), (488, 1650), (550, 1725), (582, 1779), (584, 1782), (585, 1785), (688, 2016), (737, 2091), (753, 2112), (757, 2118), (808, 2187), (848, 2211), (866, 2229), (876, 2244), (902, 2277), (963, 2358), (988, 2397), (990, 2403), (1031, 2469), (1078, 2523), (1111, 2559), (1118, 2571), (1155, 2610), (1228, 2697), (1252, 2742), (1254, 2745),

Gene: Whiteclaw_2 Start: 318, Stop: 1889, Start Num: 134
Candidate Starts for Whiteclaw_2:
(Start: 134 @318 has 105 MA's), (251, 426), (281, 474), (313, 504), (332, 537), (397, 621), (402, 630), (431, 666), (461, 726), (550, 816), (596, 912), (607, 936), (630, 978), (654, 1032), (679, 1071), (736, 1137), (741, 1149), (760, 1179), (783, 1212), (837, 1293), (873, 1338), (876, 1344), (895, 1365), (950, 1455), (986, 1500), (989, 1506), (1003, 1536), (1005, 1539), (1044, 1593), (1078, 1629), (1120, 1680), (1162, 1740), (1164, 1743), (1200, 1785), (1266, 1872),

Gene: Whitspit_12 Start: 7611, Stop: 9299, Start Num: 102
Candidate Starts for Whitspit_12:

(Start: 102 @7611 has 391 MA's), (Start: 302 @7791 has 3 MA's), (363, 7875), (383, 7911), (406, 7938), (476, 8061), (558, 8169), (593, 8259), (603, 8283), (687, 8451), (758, 8571), (760, 8574), (915, 8772), (930, 8799), (991, 8871), (995, 8883), (1015, 8904), (1049, 8961), (1096, 9018), (1182, 9108), (1184, 9111), (1251, 9222), (1253, 9225), (1269, 9255), (1292, 9285), (1294, 9288),

Gene: Whitty_3 Start: 724, Stop: 2607, Start Num: 96
Candidate Starts for Whitty_3:
(16, 475), (Start: 96 @724 has 7 MA's), (177, 805), (Start: 182 @814 has 18 MA's), (257, 910), (260, 922), (350, 1054), (447, 1201), (450, 1207), (462, 1234), (476, 1252), (528, 1315), (597, 1450), (693, 1651), (739, 1708), (917, 1927), (963, 1978), (973, 2002), (996, 2053), (1067, 2182), (1089, 2221), (1096, 2230), (1126, 2281), (1149, 2320), (1184, 2407), (1196, 2419), (1249, 2512), (1256, 2527), (1257, 2530),

Gene: WhoseManz_26 Start: 10017, Stop: 11744, Start Num: 126
Candidate Starts for WhoseManz_26:
(Start: 126 @10017 has 206 MA's), (Start: 184 @10080 has 3 MA's), (270, 10167), (317, 10218), (361, 10293), (365, 10302), (425, 10425), (433, 10443), (597, 10725), (612, 10752), (695, 10920), (699, 10932), (798, 11043), (937, 11226), (996, 11340), (1007, 11355), (1031, 11388), (1084, 11463), (1219, 11607), (1246, 11649), (1261, 11679), (1287, 11721),

Gene: Whouxphf_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for Whouxphf_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 184 @629 has 3 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (310, 758), (372, 845), (419, 905), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (695, 1397), (845, 1568), (859, 1580), (872, 1598), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1112, 1946), (1130, 1964), (1140, 1979), (1176, 2006), (1197, 2030), (1202, 2039), (1214, 2060), (1219, 2066), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: WideWale_14 Start: 7926, Stop: 9713, Start Num: 103
Candidate Starts for WideWale_14:
(23, 7740), (49, 7842), (Start: 103 @7926 has 278 MA's), (Start: 206 @8034 has 29 MA's), (226, 8055), (276, 8145), (288, 8163), (445, 8394), (473, 8445), (476, 8448), (558, 8556), (593, 8646), (603, 8670), (673, 8802), (915, 9189), (1007, 9315), (1026, 9336), (1086, 9420), (1096, 9432), (1269, 9669), (1290, 9696), (1292, 9699), (1294, 9702), (1296, 9705),

Gene: Widow_2 Start: 482, Stop: 2065, Start Num: 195
Candidate Starts for Widow_2:
(8, 53), (10, 59), (21, 158), (Start: 195 @482 has 7 MA's), (330, 656), (374, 698), (396, 740), (448, 824), (483, 884), (551, 947), (556, 953), (584, 998), (622, 1082), (635, 1121), (719, 1190), (759, 1253), (797, 1307), (836, 1355), (873, 1406), (893, 1442), (916, 1487), (923, 1499), (952, 1535), (963, 1544), (973, 1562), (1032, 1673), (1096, 1745), (1097, 1748), (1111, 1766), (1134, 1802), (1203, 1901), (1308, 2057),

Gene: Wigberry_7 Start: 2809, Stop: 4542, Start Num: 217
Candidate Starts for Wigberry_7:
(Start: 217 @2809 has 209 MA's), (222, 2815), (252, 2863), (287, 2908), (Start: 366 @3046 has 1 MA's), (430, 3130), (449, 3169), (469, 3208), (485, 3229), (504, 3271), (525, 3292), (596, 3445), (604, 3463), (657, 3595), (728, 3748), (804, 3877), (859, 3946), (868, 3958), (949, 4072), (967, 4090), (1000, 4159), (1003, 4162), (1038, 4213), (1068, 4255), (1146, 4366), (1182, 4390), (1196, 4402), (1244,

4492), (1246, 4495),

Gene: Wiggin_10 Start: 2509, Stop: 4179, Start Num: 301
Candidate Starts for Wiggin_10:
(Start: 301 @2509 has 48 MA's), (344, 2572), (479, 2806), (548, 2908), (632, 3088), (641, 3112), (650, 3130), (663, 3142), (694, 3205), (698, 3217), (725, 3262), (734, 3277), (784, 3355), (811, 3400), (845, 3454), (851, 3460), (917, 3574), (946, 3622), (994, 3718), (1007, 3739), (1019, 3754), (1118, 3907), (1129, 3919), (1175, 3976), (1205, 4012), (1235, 4063), (1251, 4099), (1253, 4102), (1294, 4168),

Gene: Wigglewiggle_4 Start: 1069, Stop: 2637, Start Num: 149
Candidate Starts for Wigglewiggle_4:
(Start: 149 @1069 has 70 MA's), (Start: 155 @1075 has 82 MA's), (271, 1231), (484, 1528), (488, 1534), (533, 1594), (582, 1666), (585, 1672), (636, 1792), (659, 1840), (684, 1894), (700, 1918), (728, 1963), (733, 1969), (753, 1999), (757, 2005), (777, 2032), (782, 2041), (848, 2098), (855, 2104), (873, 2125), (876, 2131), (925, 2206), (927, 2209), (963, 2245), (990, 2290), (1031, 2356), (1093, 2431), (1114, 2449), (1118, 2458), (1241, 2605), (1252, 2629), (1254, 2632),

Gene: Wiks_15 Start: 7514, Stop: 9268, Start Num: 103
Candidate Starts for Wiks_15:
(Start: 103 @7514 has 278 MA's), (Start: 231 @7646 has 26 MA's), (288, 7745), (309, 7769), (325, 7796), (350, 7832), (406, 7907), (476, 8030), (489, 8045), (503, 8069), (558, 8138), (569, 8162), (571, 8165), (593, 8228), (603, 8252), (671, 8381), (673, 8384), (729, 8495), (855, 8657), (915, 8744), (920, 8756), (928, 8768), (980, 8816), (988, 8831), (1007, 8870), (1026, 8891), (1086, 8975), (1096, 8987), (1269, 9224), (1290, 9251), (1292, 9254),

Gene: Wilbur_11 Start: 6883, Stop: 8580, Start Num: 102
Candidate Starts for Wilbur_11:
(Start: 102 @6883 has 391 MA's), (Start: 126 @6907 has 206 MA's), (Start: 239 @7030 has 2 MA's), (339, 7120), (363, 7153), (426, 7252), (473, 7336), (476, 7339), (503, 7378), (558, 7447), (569, 7471), (593, 7537), (634, 7627), (720, 7792), (778, 7879), (798, 7912), (864, 7978), (913, 8050), (915, 8053), (928, 8077), (980, 8128), (988, 8143), (1007, 8182), (1026, 8203), (1096, 8299), (1269, 8536), (1292, 8566), (1294, 8569),

Gene: Wildcat_26 Start: 8104, Stop: 9717, Start Num: 165
Candidate Starts for Wildcat_26:
(Start: 165 @8104 has 5 MA's), (284, 8254), (Start: 302 @8272 has 3 MA's), (Start: 324 @8305 has 4 MA's), (330, 8317), (380, 8368), (381, 8371), (406, 8419), (409, 8425), (440, 8464), (442, 8467), (454, 8500), (502, 8569), (557, 8635), (566, 8653), (582, 8677), (585, 8683), (631, 8788), (646, 8830), (658, 8848), (662, 8857), (792, 9061), (795, 9067), (822, 9100), (953, 9265), (963, 9274), (966, 9280), (968, 9283), (1003, 9358), (1028, 9391), (1038, 9406), (1111, 9487), (1224, 9640), (1235, 9661), (1239, 9664),

Gene: Wilder_4 Start: 1069, Stop: 2637, Start Num: 149
Candidate Starts for Wilder_4:
(Start: 149 @1069 has 70 MA's), (Start: 155 @1075 has 82 MA's), (271, 1231), (484, 1528), (488, 1534), (533, 1594), (582, 1666), (585, 1672), (636, 1792), (659, 1840), (684, 1894), (700, 1918), (728, 1963), (733, 1969), (753, 1999), (757, 2005), (777, 2032), (782, 2041), (848, 2098), (855, 2104), (873, 2125), (876, 2131), (925, 2206), (927, 2209), (963, 2245), (990, 2290), (1031, 2356), (1093, 2431), (1114, 2449), (1118, 2458), (1241, 2605), (1252, 2629), (1254, 2632),

Gene: Wildwest_3 Start: 1478, Stop: 3184, Start Num: 101
Candidate Starts for Wildwest_3:

(12, 1187), (13, 1190), (Start: 101 @1478 has 50 MA's), (Start: 122 @1499 has 16 MA's), (203, 1544), (476, 1907), (512, 1955), (572, 2045), (646, 2219), (800, 2432), (828, 2471), (915, 2594), (980, 2678), (1061, 2807), (1064, 2813), (1096, 2849), (1106, 2864), (1196, 2999), (1251, 3095), (1256, 3107),

Gene: Wile_11 Start: 6894, Stop: 8591, Start Num: 102
Candidate Starts for Wile_11:
(Start: 102 @6894 has 391 MA's), (Start: 126 @6918 has 206 MA's), (363, 7164), (429, 7269), (473, 7347), (476, 7350), (503, 7389), (558, 7458), (569, 7482), (593, 7548), (634, 7638), (720, 7803), (751, 7848), (778, 7890), (798, 7923), (864, 7989), (913, 8061), (915, 8064), (928, 8088), (988, 8154), (1007, 8193), (1026, 8214), (1096, 8310), (1267, 8544), (1269, 8547), (1292, 8577), (1294, 8580),

Gene: WileyE_2 Start: 410, Stop: 1990, Start Num: 224
Candidate Starts for WileyE_2:
(Start: 141 @320 has 6 MA's), (Start: 164 @344 has 12 MA's), (Start: 224 @410 has 17 MA's), (Start: 300 @506 has 12 MA's), (306, 515), (381, 608), (401, 647), (409, 662), (607, 959), (619, 971), (622, 977), (636, 1019), (643, 1040), (674, 1100), (687, 1130), (698, 1139), (744, 1202), (896, 1418), (905, 1430), (949, 1496), (963, 1511), (980, 1541), (1014, 1580), (1017, 1589), (1023, 1598), (1093, 1688), (1246, 1898), (1306, 1979),

Gene: Wilkins_11 Start: 6738, Stop: 8426, Start Num: 102
Candidate Starts for Wilkins_11:
(Start: 102 @6738 has 391 MA's), (363, 7002), (379, 7026), (476, 7188), (500, 7221), (558, 7296), (593, 7386), (603, 7410), (621, 7437), (637, 7485), (720, 7641), (727, 7650), (758, 7698), (760, 7701), (930, 7926), (939, 7935), (952, 7947), (988, 7989), (995, 8010), (1020, 8037), (1096, 8145), (1182, 8235), (1246, 8340),

Gene: WillSterrel_2 Start: 575, Stop: 2212, Start Num: 126
Candidate Starts for WillSterrel_2:
(Start: 126 @575 has 206 MA's), (133, 584), (Start: 147 @599 has 3 MA's), (Start: 176 @620 has 83 MA's), (Start: 184 @632 has 3 MA's), (Start: 217 @656 has 209 MA's), (Start: 219 @659 has 2 MA's), (Start: 231 @677 has 26 MA's), (271, 722), (310, 761), (372, 848), (419, 908), (433, 920), (442, 932), (445, 941), (447, 944), (454, 965), (467, 986), (482, 1001), (519, 1058), (543, 1097), (580, 1166), (584, 1172), (597, 1202), (598, 1205), (603, 1214), (612, 1229), (621, 1247), (638, 1298), (689, 1391), (695, 1400), (845, 1571), (859, 1583), (872, 1601), (915, 1667), (934, 1697), (937, 1700), (940, 1703), (988, 1760), (993, 1775), (995, 1781), (996, 1784), (1007, 1799), (1020, 1808), (1062, 1877), (1082, 1907), (1084, 1916), (1112, 1949), (1140, 1982), (1176, 2009), (1202, 2042), (1219, 2069), (1222, 2072), (1235, 2093), (1246, 2117), (1251, 2126), (1253, 2129), (1284, 2186),

Gene: William_2 Start: 378, Stop: 1928, Start Num: 180
Candidate Starts for William_2:
(Start: 113 @333 has 24 MA's), (Start: 134 @348 has 105 MA's), (157, 354), (Start: 166 @363 has 2 MA's), (Start: 180 @378 has 11 MA's), (250, 441), (269, 477), (293, 504), (313, 519), (334, 552), (362, 573), (377, 594), (396, 633), (409, 657), (414, 663), (431, 693), (454, 741), (489, 783), (498, 795), (584, 900), (637, 1020), (702, 1113), (723, 1146), (736, 1164), (837, 1320), (855, 1341), (869, 1359), (914, 1431), (953, 1479), (968, 1497), (984, 1518), (989, 1527), (990, 1530), (1005, 1560), (1044, 1614), (1118, 1701), (1148, 1743), (1188, 1794), (1269, 1911), (1273, 1917),

Gene: WilliamBoone_30 Start: 8027, Stop: 9775, Start Num: 127
Candidate Starts for WilliamBoone_30:
(Start: 127 @8027 has 26 MA's), (153, 8057), (Start: 231 @8132 has 26 MA's), (280, 8186), (294, 8198), (321, 8216), (365, 8282), (419, 8372), (433, 8411), (447, 8435), (478, 8483), (619, 8732), (627, 8750), (756, 8960), (766, 8975), (892, 9143), (936, 9224), (957, 9248), (991, 9335), (1061, 9440), (1084, 9482), (1115, 9518), (1134, 9542), (1159, 9557), (1273, 9731), (1278, 9737),

Gene: Willsammy_2 Start: 400, Stop: 2076, Start Num: 134
Candidate Starts for Willsammy_2:
(Start: 134 @400 has 105 MA's), (313, 616), (338, 655), (360, 712), (373, 736), (397, 781), (404, 793), (409, 802), (414, 808), (451, 865), (459, 886), (467, 898), (541, 988), (636, 1177), (702, 1273), (720, 1303), (736, 1324), (828, 1465), (837, 1477), (873, 1522), (935, 1609), (984, 1675), (989, 1684), (1000, 1711), (1031, 1753), (1044, 1771), (1118, 1855), (1130, 1870), (1269, 2059),

Gene: WinkNick_3 Start: 820, Stop: 2379, Start Num: 134
Candidate Starts for WinkNick_3:
(86, 760), (Start: 134 @820 has 105 MA's), (251, 928), (313, 1006), (332, 1039), (396, 1120), (397, 1123), (402, 1132), (431, 1168), (461, 1228), (550, 1318), (552, 1321), (596, 1414), (607, 1438), (642, 1510), (679, 1573), (736, 1639), (760, 1681), (806, 1750), (810, 1756), (837, 1795), (855, 1816), (873, 1840), (876, 1846), (895, 1867), (918, 1912), (950, 1948), (952, 1951), (986, 1993), (1078, 2122), (1120, 2173), (1214, 2302), (1266, 2362),

Gene: Winky_4 Start: 1069, Stop: 2637, Start Num: 149
Candidate Starts for Winky_4:
(Start: 149 @1069 has 70 MA's), (Start: 155 @1075 has 82 MA's), (271, 1231), (484, 1528), (488, 1534), (533, 1594), (582, 1666), (585, 1672), (591, 1693), (636, 1792), (659, 1840), (684, 1894), (700, 1918), (728, 1963), (733, 1969), (753, 1999), (757, 2005), (777, 2032), (782, 2041), (848, 2098), (855, 2104), (873, 2125), (876, 2131), (925, 2206), (927, 2209), (963, 2245), (990, 2290), (1031, 2356), (1093, 2431), (1114, 2449), (1118, 2458), (1241, 2605), (1252, 2629), (1254, 2632),

Gene: Wishmaker_5 Start: 1855, Stop: 3489, Start Num: 84
Candidate Starts for Wishmaker_5:
(Start: 84 @1855 has 21 MA's), (Start: 128 @1894 has 3 MA's), (199, 1942), (332, 2113), (373, 2152), (487, 2332), (494, 2341), (499, 2350), (550, 2413), (555, 2419), (594, 2503), (595, 2506), (596, 2509), (642, 2605), (643, 2608), (647, 2617), (690, 2683), (720, 2713), (738, 2740), (758, 2773), (772, 2794), (774, 2797), (837, 2893), (855, 2914), (914, 3004), (950, 3046), (965, 3064), (968, 3070), (1005, 3133), (1009, 3139), (1017, 3142), (1044, 3187), (1047, 3193), (1069, 3220), (1087, 3235), (1130, 3286), (1135, 3295), (1145, 3310), (1148, 3313), (1176, 3352), (1188, 3367), (1200, 3382), (1202, 3385), (1263, 3463), (1267, 3469),

Gene: Wisp_2 Start: 360, Stop: 1928, Start Num: 163
Candidate Starts for Wisp_2:
(59, 255), (Start: 163 @360 has 37 MA's), (269, 477), (313, 519), (Start: 324 @537 has 4 MA's), (334, 552), (362, 573), (377, 594), (396, 633), (431, 693), (451, 729), (454, 741), (491, 786), (498, 795), (522, 822), (584, 900), (630, 1005), (637, 1020), (642, 1035), (702, 1113), (736, 1164), (837, 1320), (869, 1359), (898, 1398), (914, 1431), (923, 1443), (963, 1488), (965, 1491), (968, 1497), (989, 1527), (990, 1530), (1026, 1584), (1033, 1599), (1118, 1701), (1148, 1743), (1156, 1758), (1176, 1779), (1188, 1794), (1251, 1890), (1262, 1902), (1269, 1911), (1273, 1917),

Gene: Witch_3 Start: 1074, Stop: 2534, Start Num: 193
Candidate Starts for Witch_3:
(Start: 193 @1074 has 146 MA's), (Start: 198 @1080 has 6 MA's), (325, 1242), (330, 1251), (377, 1311), (415, 1380), (431, 1401), (455, 1452), (606, 1656), (744, 1869), (753, 1884), (777, 1920), (804, 1962), (832, 1995), (840, 2013), (923, 2133), (925, 2136), (936, 2148), (990, 2223), (1031, 2286), (1044, 2304), (1045, 2307), (1186, 2469), (1199, 2478), (1205, 2487), (1232, 2526),

Gene: Wizard007_11 Start: 6886, Stop: 8583, Start Num: 102
Candidate Starts for Wizard007_11:

(Start: 102 @6886 has 391 MA's), (Start: 126 @6910 has 206 MA's), (Start: 239 @7033 has 2 MA's), (339, 7123), (363, 7156), (426, 7255), (473, 7339), (476, 7342), (503, 7381), (558, 7450), (569, 7474), (593, 7540), (634, 7630), (720, 7795), (778, 7882), (798, 7915), (864, 7981), (913, 8053), (915, 8056), (928, 8080), (980, 8131), (988, 8146), (1007, 8185), (1026, 8206), (1096, 8302), (1269, 8539), (1292, 8569), (1294, 8572),

Gene: Wocket_2 Start: 360, Stop: 1928, Start Num: 163
Candidate Starts for Wocket_2:
(59, 255), (Start: 163 @360 has 37 MA's), (269, 477), (313, 519), (Start: 324 @537 has 4 MA's), (334, 552), (362, 573), (377, 594), (396, 633), (431, 693), (451, 729), (454, 741), (491, 786), (498, 795), (522, 822), (584, 900), (630, 1005), (637, 1020), (642, 1035), (643, 1038), (702, 1113), (736, 1164), (837, 1320), (869, 1359), (914, 1431), (923, 1443), (963, 1488), (965, 1491), (968, 1497), (989, 1527), (990, 1530), (1005, 1560), (1026, 1584), (1033, 1599), (1118, 1701), (1148, 1743), (1156, 1758), (1176, 1779), (1188, 1794), (1251, 1890), (1262, 1902), (1269, 1911),

Gene: Wolfpack_3 Start: 1071, Stop: 2531, Start Num: 193
Candidate Starts for Wolfpack_3:
(Start: 193 @1071 has 146 MA's), (Start: 198 @1077 has 6 MA's), (325, 1239), (330, 1248), (377, 1308), (415, 1377), (431, 1398), (455, 1449), (606, 1653), (623, 1677), (669, 1788), (744, 1866), (753, 1881), (777, 1917), (804, 1959), (832, 1992), (840, 2010), (923, 2130), (925, 2133), (936, 2145), (990, 2220), (1031, 2283), (1044, 2301), (1045, 2304), (1186, 2466), (1199, 2475), (1232, 2523),

Gene: Wolfwood_6 Start: 1988, Stop: 3688, Start Num: 176
Candidate Starts for Wolfwood_6:
(Start: 176 @1988 has 83 MA's), (203, 2018), (237, 2060), (350, 2198), (383, 2246), (407, 2276), (426, 2309), (450, 2360), (454, 2375), (476, 2405), (507, 2456), (572, 2555), (582, 2576), (619, 2645), (634, 2687), (645, 2717), (729, 2864), (758, 2915), (798, 2978), (814, 3002), (888, 3068), (908, 3101), (911, 3125), (913, 3128), (917, 3137), (930, 3158), (956, 3185), (988, 3230), (992, 3242), (994, 3248), (1007, 3269), (1035, 3308), (1112, 3407), (1140, 3443), (1222, 3530), (1265, 3611), (1269, 3617), (1311, 3674), (1313, 3677),

Gene: Wolpertinger_11 Start: 8027, Stop: 9790, Start Num: 103
Candidate Starts for Wolpertinger_11:
(Start: 103 @8027 has 278 MA's), (Start: 123 @8048 has 9 MA's), (Start: 206 @8135 has 29 MA's), (288, 8264), (309, 8288), (350, 8351), (445, 8495), (473, 8546), (476, 8549), (558, 8660), (569, 8684), (571, 8687), (593, 8750), (596, 8759), (603, 8774), (663, 8891), (673, 8906), (701, 8966), (751, 9050), (920, 9278), (928, 9290), (980, 9338), (988, 9353), (1007, 9392), (1026, 9413), (1049, 9452), (1086, 9497), (1096, 9509), (1269, 9746), (1290, 9773),

Gene: WonderBoy_2 Start: 426, Stop: 1991, Start Num: 155
Candidate Starts for WonderBoy_2:
(Start: 155 @426 has 82 MA's), (253, 549), (Start: 324 @636 has 4 MA's), (325, 639), (374, 690), (396, 732), (404, 747), (409, 756), (430, 780), (540, 942), (607, 1077), (623, 1098), (636, 1137), (740, 1236), (759, 1266), (768, 1281), (786, 1314), (815, 1362), (825, 1371), (883, 1449), (905, 1485), (923, 1524), (953, 1557), (963, 1566), (977, 1593), (1020, 1647), (1044, 1689), (1111, 1734), (1126, 1755), (1141, 1779), (1222, 1857),

Gene: Wooldri_15 Start: 6868, Stop: 8568, Start Num: 104
Candidate Starts for Wooldri_15:
(Start: 104 @6868 has 125 MA's), (151, 6916), (292, 7051), (426, 7243), (476, 7330), (593, 7528), (634, 7618), (671, 7681), (760, 7843), (915, 8041), (928, 8065), (930, 8068), (988, 8131), (995, 8152), (1026, 8191), (1096, 8287), (1134, 8341), (1182, 8377), (1269, 8524), (1292, 8554), (1294, 8557),

Gene: WorMMAs_2 Start: 506, Stop: 2062, Start Num: 192
Candidate Starts for WorMMAs_2:
(192, 506), (Start: 217 @530 has 209 MA's), (237, 560), (253, 584), (330, 683), (409, 791), (448, 851), (483, 911), (551, 974), (554, 977), (556, 980), (635, 1148), (719, 1217), (750, 1265), (759, 1280), (779, 1313), (836, 1382), (873, 1433), (908, 1487), (923, 1520), (952, 1553), (962, 1559), (963, 1562), (1018, 1664), (1032, 1691), (1111, 1784), (1134, 1820), (1203, 1898), (1258, 1991), (1308, 2054),

Gene: WorldCup_10 Start: 6185, Stop: 7972, Start Num: 103
Candidate Starts for WorldCup_10:
(Start: 103 @6185 has 278 MA's), (Start: 231 @6314 has 26 MA's), (288, 6413), (406, 6575), (422, 6608), (445, 6647), (476, 6701), (503, 6740), (558, 6812), (593, 6902), (603, 6926), (663, 7043), (673, 7058), (727, 7166), (776, 7241), (839, 7340), (869, 7373), (920, 7457), (936, 7478), (980, 7520), (988, 7535), (992, 7547), (1007, 7574), (1026, 7595), (1061, 7649), (1096, 7691), (1182, 7781), (1198, 7799), (1230, 7850), (1269, 7928), (1290, 7955), (1292, 7958),

Gene: Wrigley_2 Start: 485, Stop: 2281, Start Num: 113
Candidate Starts for Wrigley_2:
(Start: 113 @485 has 24 MA's), (233, 611), (240, 620), (343, 779), (350, 794), (414, 878), (434, 920), (442, 926), (443, 929), (460, 968), (476, 989), (541, 1073), (572, 1127), (580, 1145), (596, 1181), (629, 1256), (647, 1307), (663, 1328), (704, 1409), (756, 1454), (778, 1487), (814, 1544), (892, 1613), (920, 1667), (930, 1682), (936, 1688), (943, 1697), (977, 1736), (988, 1754), (992, 1766), (1064, 1904), (1086, 1940), (1096, 1952), (1100, 1958), (1111, 1976), (1128, 2003), (1143, 2027), (1189, 2090), (1217, 2132), (1249, 2189), (1265, 2219), (1281, 2243), (1300, 2267), (1302, 2270),

Gene: WunderPhul_15 Start: 7514, Stop: 9268, Start Num: 103
Candidate Starts for WunderPhul_15:
(Start: 103 @7514 has 278 MA's), (Start: 231 @7646 has 26 MA's), (288, 7745), (309, 7769), (325, 7796), (350, 7832), (406, 7907), (476, 8030), (489, 8045), (503, 8069), (558, 8138), (569, 8162), (571, 8165), (593, 8228), (603, 8252), (671, 8381), (673, 8384), (729, 8495), (855, 8657), (915, 8744), (920, 8756), (928, 8768), (980, 8816), (988, 8831), (1007, 8870), (1026, 8891), (1086, 8975), (1096, 8987), (1269, 9224), (1290, 9251), (1292, 9254),

Gene: Wyatt2_4 Start: 1052, Stop: 2635, Start Num: 149
Candidate Starts for Wyatt2_4:
(Start: 149 @1052 has 70 MA's), (Start: 155 @1058 has 82 MA's), (284, 1229), (352, 1316), (374, 1334), (379, 1340), (396, 1376), (486, 1514), (488, 1517), (550, 1592), (582, 1646), (584, 1649), (585, 1652), (659, 1820), (684, 1874), (688, 1883), (700, 1898), (713, 1919), (737, 1958), (753, 1979), (757, 1985), (777, 2012), (808, 2054), (848, 2078), (866, 2096), (873, 2105), (876, 2111), (902, 2144), (918, 2177), (953, 2216), (962, 2222), (963, 2225), (990, 2270), (1031, 2336), (1069, 2387), (1087, 2402), (1093, 2411), (1111, 2426), (1114, 2429), (1207, 2531), (1224, 2558), (1252, 2609), (1254, 2612),

Gene: XFactor_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for XFactor_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953), (447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Xandras_10 Start: 2509, Stop: 4179, Start Num: 301
Candidate Starts for Xandras_10:
(Start: 301 @2509 has 48 MA's), (344, 2572), (479, 2806), (548, 2908), (632, 3088), (641, 3112), (650, 3130), (663, 3142), (694, 3205), (698, 3217), (725, 3262), (734, 3277), (784, 3355), (811, 3400), (845, 3454), (851, 3460), (917, 3574), (946, 3622), (994, 3718), (1007, 3739), (1019, 3754), (1118, 3907), (1129, 3919), (1175, 3976), (1205, 4012), (1235, 4063), (1251, 4099), (1253, 4102), (1294, 4168),

Gene: Xavia_2 Start: 404, Stop: 2080, Start Num: 134
Candidate Starts for Xavia_2:
(35, 233), (54, 287), (68, 317), (Start: 134 @404 has 105 MA's), (Start: 232 @515 has 12 MA's), (313, 620), (338, 659), (360, 716), (362, 722), (373, 740), (394, 776), (397, 785), (404, 797), (409, 806), (414, 812), (451, 869), (459, 890), (467, 902), (541, 992), (636, 1181), (702, 1277), (736, 1328), (828, 1469), (837, 1481), (923, 1604), (984, 1679), (989, 1688), (1000, 1715), (1031, 1757), (1044, 1775), (1118, 1859), (1130, 1874), (1269, 2063),

Gene: Xena_11 Start: 6881, Stop: 8578, Start Num: 102
Candidate Starts for Xena_11:
(Start: 102 @6881 has 391 MA's), (Start: 126 @6905 has 206 MA's), (363, 7151), (429, 7256), (473, 7334), (476, 7337), (503, 7376), (558, 7445), (569, 7469), (593, 7535), (634, 7625), (720, 7790), (751, 7835), (778, 7877), (798, 7910), (864, 7976), (913, 8048), (915, 8051), (928, 8075), (988, 8141), (1007, 8180), (1026, 8201), (1096, 8297), (1267, 8531), (1269, 8534), (1292, 8564), (1294, 8567),

Gene: Xeno_2 Start: 501, Stop: 2036, Start Num: 231
Candidate Starts for Xeno_2:
(Start: 231 @501 has 26 MA's), (Start: 234 @504 has 29 MA's), (243, 516), (Start: 245 @519 has 1 MA's), (282, 576), (Start: 297 @594 has 2 MA's), (309, 606), (368, 678), (380, 696), (390, 714), (400, 735), (443, 798), (459, 837), (487, 870), (508, 918), (573, 1002), (584, 1017), (601, 1068), (605, 1077), (623, 1101), (636, 1140), (637, 1143), (641, 1155), (713, 1281), (728, 1305), (769, 1368), (830, 1452), (886, 1524), (902, 1548), (925, 1590), (930, 1599), (977, 1656), (995, 1695), (1033, 1752), (1041, 1758), (1047, 1761), (1079, 1782), (1109, 1830), (1134, 1866), (1207, 1947), (1210, 1953),

Gene: Xenomorph_7 Start: 3847, Stop: 5601, Start Num: 217
Candidate Starts for Xenomorph_7:
(172, 3793), (Start: 211 @3841 has 88 MA's), (Start: 217 @3847 has 209 MA's), (280, 3940), (287, 3946), (446, 4213), (458, 4243), (482, 4273), (504, 4321), (523, 4339), (525, 4342), (547, 4384), (604, 4513), (680, 4699), (728, 4798), (770, 4870), (804, 4927), (859, 5005), (868, 5017), (949, 5131), (967, 5149), (990, 5194), (1000, 5218), (1003, 5221), (1030, 5260), (1131, 5401), (1179, 5446), (1182, 5449), (1196, 5461), (1226, 5509), (1242, 5542), (1244, 5551), (1246, 5554),

Gene: Xerxes_2 Start: 501, Stop: 2036, Start Num: 231
Candidate Starts for Xerxes_2:
(Start: 231 @501 has 26 MA's), (Start: 234 @504 has 29 MA's), (243, 516), (Start: 245 @519 has 1 MA's), (282, 576), (Start: 297 @594 has 2 MA's), (309, 606), (368, 678), (380, 696), (390, 714), (400, 735), (443, 798), (459, 837), (487, 870), (508, 918), (573, 1002), (584, 1017), (601, 1068), (605, 1077), (623, 1101), (636, 1140), (637, 1143), (641, 1155), (713, 1281), (728, 1305), (769, 1368), (830, 1452), (886, 1524), (902, 1548), (925, 1590), (930, 1599), (977, 1656), (995, 1695), (1033, 1752), (1041, 1758), (1047, 1761), (1079, 1782), (1109, 1830), (1134, 1866), (1207, 1947), (1210, 1953),

Gene: XianYue_12 Start: 7369, Stop: 9150, Start Num: 103
Candidate Starts for XianYue_12:
(39, 7249), (82, 7342), (Start: 103 @7369 has 278 MA's), (Start: 231 @7501 has 26 MA's), (Start: 239 @7513 has 2 MA's), (276, 7582), (288, 7600), (473, 7882), (476, 7885), (503, 7924), (558, 7993), (593, 8083), (603, 8107), (646, 8206), (671, 8236), (673, 8239), (915, 8626), (992, 8725), (1007, 8752),

(1026, 8773), (1086, 8857), (1096, 8869), (1269, 9106), (1290, 9133), (1292, 9136), (1294, 9139), (1296, 9142),

Gene: Xula_2 Start: 521, Stop: 2080, Start Num: 138
Candidate Starts for Xula_2:
(Start: 138 @521 has 6 MA's), (Start: 231 @611 has 26 MA's), (327, 698), (364, 755), (399, 818), (467, 935), (475, 944), (519, 1016), (544, 1052), (593, 1160), (597, 1172), (598, 1175), (619, 1214), (627, 1232), (699, 1379), (747, 1421), (807, 1505), (824, 1526), (894, 1589), (936, 1667), (938, 1670), (951, 1682), (1026, 1817), (1027, 1820), (1072, 1883), (1074, 1886), (1097, 1919), (1190, 2000), (1212, 2033),

Gene: Yakult_5 Start: 1064, Stop: 2764, Start Num: 173
Candidate Starts for Yakult_5:
(Start: 173 @1064 has 9 MA's), (Start: 224 @1118 has 17 MA's), (237, 1139), (Start: 255 @1166 has 1 MA's), (445, 1430), (450, 1439), (454, 1454), (468, 1475), (476, 1484), (507, 1535), (518, 1547), (572, 1634), (619, 1724), (647, 1802), (687, 1868), (706, 1904), (814, 2081), (917, 2213), (1015, 2342), (1038, 2381), (1042, 2387), (1251, 2657), (1273, 2699), (1311, 2750), (1313, 2753),

Gene: Yami_3 Start: 1068, Stop: 2522, Start Num: 198
Candidate Starts for Yami_3:
(Start: 193 @1062 has 146 MA's), (Start: 198 @1068 has 6 MA's), (325, 1230), (330, 1239), (377, 1299), (415, 1368), (431, 1389), (455, 1440), (606, 1644), (669, 1779), (744, 1857), (753, 1872), (765, 1890), (777, 1908), (804, 1950), (832, 1983), (840, 2001), (923, 2121), (925, 2124), (936, 2136), (943, 2148), (953, 2160), (990, 2211), (1028, 2268), (1031, 2274), (1038, 2283), (1044, 2292), (1045, 2295), (1186, 2457), (1199, 2466), (1205, 2475), (1232, 2514),

Gene: Yang_2 Start: 545, Stop: 2242, Start Num: 101
Candidate Starts for Yang_2:
(12, 242), (Start: 101 @545 has 50 MA's), (Start: 224 @632 has 17 MA's), (444, 917), (476, 974), (503, 1016), (572, 1112), (596, 1166), (646, 1286), (699, 1376), (915, 1661), (992, 1772), (1038, 1841), (1096, 1916), (1106, 1931), (1196, 2057), (1244, 2141), (1256, 2165),

Gene: Yarn_3 Start: 1114, Stop: 2793, Start Num: 176
Candidate Starts for Yarn_3:
(Start: 176 @1114 has 83 MA's), (Start: 224 @1165 has 17 MA's), (237, 1186), (Start: 239 @1189 has 2 MA's), (295, 1231), (343, 1297), (382, 1357), (394, 1378), (406, 1387), (450, 1474), (468, 1510), (476, 1519), (507, 1570), (572, 1669), (582, 1690), (596, 1723), (619, 1759), (687, 1903), (706, 1939), (729, 1978), (821, 2125), (863, 2149), (917, 2248), (984, 2332), (1038, 2419), (1112, 2515), (1170, 2563), (1185, 2587), (1222, 2638), (1265, 2719), (1311, 2779), (1313, 2782),

Gene: Yasdnil_6 Start: 2376, Stop: 4022, Start Num: 75
Candidate Starts for Yasdnil_6:
(Start: 75 @2376 has 95 MA's), (Start: 92 @2394 has 10 MA's), (325, 2598), (350, 2634), (462, 2814), (480, 2835), (543, 2922), (582, 2994), (593, 3018), (638, 3117), (643, 3132), (663, 3156), (665, 3162), (786, 3330), (841, 3390), (915, 3480), (927, 3501), (992, 3591), (1064, 3699), (1096, 3738), (1112, 3759), (1116, 3765), (1130, 3783), (1251, 3939), (1300, 4017),

Gene: Yasuo_3 Start: 1071, Stop: 2531, Start Num: 193
Candidate Starts for Yasuo_3:
(Start: 193 @1071 has 146 MA's), (Start: 198 @1077 has 6 MA's), (325, 1239), (330, 1248), (377, 1308), (415, 1377), (431, 1398), (455, 1449), (606, 1653), (744, 1866), (753, 1881), (777, 1917), (804, 1959), (832, 1992), (840, 2010), (923, 2130), (925, 2133), (936, 2145), (990, 2220), (1031, 2283), (1044, 2301), (1045, 2304), (1186, 2466), (1199, 2475), (1205, 2484), (1232, 2523),

Gene: Yecey3_12 Start: 6313, Stop: 8085, Start Num: 117
Candidate Starts for Yecey3_12:
(Start: 117 @6313 has 12 MA's), (Start: 231 @6430 has 26 MA's), (288, 6529), (406, 6691), (445, 6763), (476, 6817), (503, 6856), (558, 6928), (593, 7018), (596, 7027), (603, 7042), (663, 7159), (673, 7174), (727, 7282), (776, 7357), (798, 7393), (837, 7453), (869, 7489), (888, 7513), (936, 7594), (980, 7633), (1007, 7687), (1026, 7708), (1086, 7792), (1096, 7804), (1184, 7897), (1198, 7912), (1230, 7963), (1269, 8041), (1290, 8068), (1292, 8071),

Gene: Yeet412_2 Start: 318, Stop: 1889, Start Num: 134
Candidate Starts for Yeet412_2:
(Start: 134 @318 has 105 MA's), (281, 474), (313, 504), (332, 537), (397, 621), (402, 630), (431, 666), (461, 726), (550, 816), (552, 819), (596, 912), (607, 936), (630, 978), (654, 1032), (679, 1071), (736, 1137), (741, 1149), (760, 1179), (783, 1212), (837, 1293), (873, 1338), (876, 1344), (895, 1365), (950, 1455), (986, 1500), (989, 1506), (1003, 1536), (1005, 1539), (1044, 1593), (1078, 1629), (1120, 1680), (1162, 1740), (1164, 1743), (1200, 1785), (1266, 1872),

Gene: Yeezy_2 Start: 318, Stop: 1901, Start Num: 134
Candidate Starts for Yeezy_2:
(Start: 134 @318 has 105 MA's), (251, 426), (313, 504), (332, 537), (397, 621), (402, 630), (461, 726), (552, 819), (596, 912), (607, 936), (630, 978), (679, 1071), (736, 1137), (760, 1179), (812, 1257), (830, 1281), (837, 1293), (855, 1314), (873, 1338), (876, 1344), (895, 1365), (950, 1455), (952, 1458), (986, 1500), (989, 1506), (1005, 1539), (1044, 1593), (1078, 1629), (1120, 1680), (1164, 1743), (1228, 1827), (1247, 1857),

Gene: YertPhresh_3 Start: 1074, Stop: 2534, Start Num: 193
Candidate Starts for YertPhresh_3:
(Start: 193 @1074 has 146 MA's), (Start: 198 @1080 has 6 MA's), (325, 1242), (330, 1251), (377, 1311), (415, 1380), (431, 1401), (455, 1452), (606, 1656), (744, 1869), (753, 1884), (777, 1920), (804, 1962), (832, 1995), (840, 2013), (923, 2133), (925, 2136), (936, 2148), (990, 2223), (1031, 2286), (1044, 2304), (1045, 2307), (1186, 2469), (1199, 2478), (1205, 2487), (1232, 2526),

Gene: YesChef_2 Start: 533, Stop: 2290, Start Num: 101
Candidate Starts for YesChef_2:
(12, 242), (14, 251), (Start: 101 @533 has 50 MA's), (444, 905), (476, 962), (512, 1010), (572, 1100), (596, 1154), (646, 1274), (699, 1364), (828, 1526), (915, 1700), (1096, 1955), (1106, 1970), (1144, 2024), (1196, 2105), (1244, 2189), (1256, 2213),

Gene: Yinzer_2 Start: 318, Stop: 1889, Start Num: 134
Candidate Starts for Yinzer_2:
(Start: 134 @318 has 105 MA's), (251, 426), (281, 474), (313, 504), (332, 537), (397, 621), (402, 630), (431, 666), (461, 726), (550, 816), (596, 912), (607, 936), (630, 978), (654, 1032), (679, 1071), (736, 1137), (741, 1149), (760, 1179), (783, 1212), (837, 1293), (873, 1338), (876, 1344), (895, 1365), (950, 1455), (986, 1500), (989, 1506), (1003, 1536), (1005, 1539), (1044, 1593), (1078, 1629), (1120, 1680), (1162, 1740), (1164, 1743), (1200, 1785), (1266, 1872),

Gene: Yndexa_26 Start: 11957, Stop: 13684, Start Num: 126
Candidate Starts for Yndexa_26:
(Start: 126 @11957 has 206 MA's), (270, 12107), (317, 12158), (361, 12233), (365, 12242), (425, 12365), (433, 12383), (597, 12665), (612, 12692), (695, 12860), (699, 12872), (798, 12983), (937, 13166), (996, 13280), (1007, 13295), (1031, 13328), (1084, 13403), (1219, 13547), (1246, 13589), (1261, 13619), (1287, 13661),

Gene: YoSam321_11 Start: 6884, Stop: 8581, Start Num: 102
Candidate Starts for YoSam321_11:
(26, 6707), (32, 6725), (36, 6755), (Start: 102 @6884 has 391 MA's), (Start: 126 @6908 has 206 MA's), (Start: 239 @7031 has 2 MA's), (339, 7121), (363, 7154), (473, 7337), (476, 7340), (503, 7379), (558, 7448), (569, 7472), (593, 7538), (634, 7628), (720, 7793), (778, 7880), (798, 7913), (864, 7979), (913, 8051), (915, 8054), (928, 8078), (980, 8129), (988, 8144), (1007, 8183), (1026, 8204), (1096, 8300), (1269, 8537), (1292, 8567), (1294, 8570),

Gene: Yogi_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Yogi_8:
(Start: 104 @3156 has 125 MA's), (Start: 302 @3342 has 3 MA's), (350, 3414), (363, 3426), (379, 3450), (383, 3462), (489, 3630), (536, 3690), (569, 3747), (571, 3750), (593, 3798), (718, 4053), (729, 4071), (763, 4125), (892, 4269), (915, 4311), (936, 4344), (992, 4413), (1096, 4557), (1130, 4602), (1196, 4662), (1251, 4761), (1269, 4794), (1290, 4821), (1292, 4824), (1294, 4827),

Gene: Yokurt_15 Start: 7514, Stop: 9268, Start Num: 103
Candidate Starts for Yokurt_15:
(Start: 103 @7514 has 278 MA's), (Start: 231 @7646 has 26 MA's), (288, 7745), (309, 7769), (325, 7796), (350, 7832), (406, 7907), (476, 8030), (489, 8045), (503, 8069), (558, 8138), (569, 8162), (571, 8165), (593, 8228), (603, 8252), (671, 8381), (673, 8384), (729, 8495), (855, 8657), (915, 8744), (920, 8756), (928, 8768), (980, 8816), (988, 8831), (1007, 8870), (1026, 8891), (1086, 8975), (1096, 8987), (1269, 9224), (1290, 9251), (1292, 9254),

Gene: Yoncess_8 Start: 3156, Stop: 4838, Start Num: 104
Candidate Starts for Yoncess_8:
(Start: 104 @3156 has 125 MA's), (Start: 302 @3342 has 3 MA's), (350, 3414), (363, 3426), (379, 3450), (383, 3462), (489, 3630), (536, 3690), (569, 3747), (571, 3750), (593, 3798), (718, 4053), (729, 4071), (763, 4125), (892, 4269), (915, 4311), (936, 4344), (992, 4413), (1096, 4557), (1130, 4602), (1196, 4662), (1251, 4761), (1269, 4794), (1290, 4821), (1292, 4824), (1294, 4827),

Gene: Yonex_6 Start: 2058, Stop: 3779, Start Num: 180
Candidate Starts for Yonex_6:
(145, 2022), (Start: 180 @2058 has 11 MA's), (Start: 197 @2079 has 23 MA's), (282, 2202), (Start: 300 @2223 has 12 MA's), (330, 2271), (377, 2316), (379, 2319), (400, 2361), (409, 2379), (412, 2382), (443, 2424), (489, 2505), (491, 2508), (554, 2562), (607, 2676), (636, 2736), (643, 2757), (768, 2988), (815, 3054), (829, 3069), (914, 3240), (963, 3297), (986, 3339), (1015, 3372), (1038, 3411), (1096, 3453), (1189, 3552), (1203, 3570), (1205, 3573), (1208, 3579), (1246, 3642), (1269, 3687), (1318, 3768),

Gene: Yorick_2 Start: 571, Stop: 2208, Start Num: 126
Candidate Starts for Yorick_2:
(Start: 126 @571 has 206 MA's), (133, 580), (Start: 147 @595 has 3 MA's), (Start: 176 @616 has 83 MA's), (Start: 184 @628 has 3 MA's), (Start: 217 @652 has 209 MA's), (Start: 219 @655 has 2 MA's), (Start: 231 @673 has 26 MA's), (271, 718), (310, 757), (372, 844), (375, 850), (419, 904), (442, 928), (445, 937), (447, 940), (454, 961), (467, 982), (482, 997), (519, 1054), (543, 1093), (580, 1162), (584, 1168), (597, 1198), (598, 1201), (603, 1210), (612, 1225), (621, 1243), (638, 1294), (689, 1387), (695, 1396), (845, 1567), (859, 1579), (915, 1663), (934, 1693), (937, 1696), (940, 1699), (988, 1756), (993, 1771), (995, 1777), (996, 1780), (1007, 1795), (1020, 1804), (1042, 1843), (1062, 1873), (1082, 1903), (1084, 1912), (1112, 1945), (1140, 1978), (1176, 2005), (1202, 2038), (1222, 2068), (1235, 2089), (1246, 2113), (1251, 2122), (1253, 2125), (1284, 2182),

Gene: YoshiYama_7 Start: 3940, Stop: 5601, Start Num: 280
Candidate Starts for YoshiYama_7:

(172, 3793), (Start: 211 @3841 has 88 MA's), (Start: 217 @3847 has 209 MA's), (280, 3940), (287, 3946), (402, 4138), (446, 4213), (458, 4243), (482, 4273), (504, 4321), (523, 4339), (525, 4342), (547, 4384), (604, 4513), (680, 4699), (728, 4798), (770, 4870), (804, 4927), (859, 5005), (868, 5017), (949, 5131), (967, 5149), (990, 5194), (1000, 5218), (1003, 5221), (1030, 5260), (1131, 5401), (1179, 5446), (1182, 5449), (1196, 5461), (1226, 5509), (1242, 5542), (1244, 5551), (1246, 5554),

Gene: Yosif_7 Start: 2837, Stop: 4483, Start Num: 75
Candidate Starts for Yosif_7:
(66, 2822), (Start: 70 @2828 has 1 MA's), (Start: 75 @2837 has 95 MA's), (Start: 78 @2840 has 1 MA's), (Start: 92 @2855 has 10 MA's), (325, 3059), (350, 3095), (382, 3140), (383, 3143), (450, 3248), (462, 3275), (465, 3281), (468, 3284), (480, 3296), (543, 3383), (571, 3431), (593, 3479), (638, 3578), (701, 3692), (751, 3731), (763, 3752), (786, 3791), (915, 3941), (927, 3962), (936, 3974), (980, 4025), (1007, 4079), (1064, 4160), (1096, 4199), (1116, 4226), (1130, 4244), (1251, 4400), (1300, 4478),

Gene: Yotsuba_12 Start: 8660, Stop: 10423, Start Num: 214
Candidate Starts for Yotsuba_12:
(Start: 211 @8657 has 88 MA's), (Start: 214 @8660 has 4 MA's), (Start: 217 @8663 has 209 MA's), (Start: 231 @8684 has 26 MA's), (252, 8717), (259, 8738), (280, 8756), (287, 8762), (323, 8813), (325, 8819), (441, 9017), (449, 9035), (458, 9059), (483, 9092), (504, 9137), (525, 9158), (604, 9329), (621, 9365), (657, 9461), (660, 9467), (680, 9515), (728, 9614), (748, 9650), (765, 9677), (770, 9686), (804, 9743), (859, 9827), (868, 9839), (949, 9953), (1000, 10040), (1003, 10043), (1101, 10181), (1146, 10247), (1161, 10250), (1182, 10271), (1196, 10283), (1242, 10364), (1246, 10376),

Gene: Yubaba_3 Start: 1074, Stop: 2534, Start Num: 193
Candidate Starts for Yubaba_3:
(Start: 193 @1074 has 146 MA's), (Start: 198 @1080 has 6 MA's), (325, 1242), (330, 1251), (377, 1311), (415, 1380), (431, 1401), (455, 1452), (606, 1656), (744, 1869), (753, 1884), (777, 1920), (804, 1962), (832, 1995), (840, 2013), (923, 2133), (925, 2136), (936, 2148), (990, 2223), (1031, 2286), (1044, 2304), (1045, 2307), (1186, 2469), (1199, 2478), (1205, 2487), (1232, 2526),

Gene: Yucky_4 Start: 1762, Stop: 3438, Start Num: 176
Candidate Starts for Yucky_4:
(Start: 176 @1762 has 83 MA's), (Start: 224 @1813 has 17 MA's), (237, 1834), (295, 1879), (325, 1921), (350, 1957), (394, 2023), (434, 2086), (450, 2119), (468, 2155), (476, 2164), (480, 2167), (507, 2215), (518, 2227), (572, 2314), (654, 2494), (687, 2548), (756, 2671), (791, 2728), (814, 2761), (890, 2827), (917, 2893), (920, 2899), (988, 2983), (1038, 3064), (1061, 3097), (1116, 3166), (1196, 3244), (1253, 3343), (1265, 3364), (1269, 3370), (1311, 3424), (1313, 3427),

Gene: Yummy_5 Start: 1017, Stop: 2696, Start Num: 176
Candidate Starts for Yummy_5:
(Start: 176 @1017 has 83 MA's), (Start: 224 @1068 has 17 MA's), (237, 1089), (Start: 290 @1128 has 2 MA's), (350, 1215), (382, 1260), (394, 1281), (406, 1290), (443, 1362), (468, 1413), (476, 1422), (507, 1473), (572, 1572), (582, 1593), (596, 1626), (619, 1662), (687, 1806), (706, 1842), (729, 1881), (747, 1914), (778, 1962), (814, 2019), (863, 2052), (890, 2085), (917, 2151), (920, 2157), (971, 2223), (984, 2235), (988, 2241), (1038, 2322), (1112, 2418), (1170, 2466), (1222, 2541), (1265, 2622), (1311, 2682), (1313, 2685),

Gene: Yvonnetastic_28 Start: 10462, Stop: 12180, Start Num: 127
Candidate Starts for Yvonnetastic_28:
(Start: 127 @10462 has 26 MA's), (Start: 160 @10498 has 5 MA's), (250, 10594), (419, 10807), (428, 10834), (433, 10846), (447, 10870), (522, 10984), (627, 11179), (642, 11227), (698, 11329), (756, 11389), (766, 11404), (948, 11647), (983, 11728), (992, 11749), (1007, 11776), (1061, 11851), (1084, 11893), (1249, 12094), (1265, 12127),

Gene: ZAYM_2 Start: 521, Stop: 2170, Start Num: 126
Candidate Starts for ZAYM_2:
(Start: 126 @521 has 206 MA's), (Start: 160 @551 has 5 MA's), (313, 722), (381, 806), (454, 932), (459, 941), (505, 1007), (541, 1055), (607, 1190), (736, 1391), (760, 1433), (783, 1466), (835, 1547), (846, 1565), (854, 1568), (952, 1712), (962, 1721), (984, 1754), (988, 1760), (1023, 1814), (1031, 1832), (1044, 1850), (1111, 1922), (1135, 1958), (1178, 2012), (1200, 2039), (1220, 2072), (1249, 2123),

Gene: Zaheer_6 Start: 2162, Stop: 3868, Start Num: 197
Candidate Starts for Zaheer_6:
(145, 2105), (Start: 180 @2141 has 11 MA's), (Start: 197 @2162 has 23 MA's), (253, 2237), (Start: 300 @2306 has 12 MA's), (312, 2321), (330, 2354), (377, 2399), (379, 2402), (400, 2444), (409, 2462), (412, 2465), (443, 2507), (489, 2588), (491, 2591), (554, 2645), (607, 2759), (643, 2840), (678, 2906), (680, 2915), (768, 3077), (815, 3143), (829, 3158), (914, 3329), (963, 3386), (986, 3428), (1015, 3461), (1038, 3500), (1096, 3542), (1189, 3641), (1203, 3659), (1205, 3662), (1208, 3668), (1246, 3731), (1318, 3857),

Gene: Zahlia_3 Start: 1176, Stop: 2636, Start Num: 193
Candidate Starts for Zahlia_3:
(Start: 193 @1176 has 146 MA's), (Start: 198 @1182 has 6 MA's), (325, 1344), (330, 1353), (377, 1413), (415, 1482), (431, 1503), (455, 1554), (606, 1758), (744, 1971), (753, 1986), (777, 2022), (804, 2064), (832, 2097), (840, 2115), (923, 2235), (925, 2238), (936, 2250), (990, 2325), (1031, 2388), (1044, 2406), (1045, 2409), (1186, 2571), (1199, 2580), (1205, 2589), (1232, 2628),

Gene: Zainub_8 Start: 2746, Stop: 4392, Start Num: 75
Candidate Starts for Zainub_8:
(Start: 75 @2746 has 95 MA's), (Start: 239 @2896 has 2 MA's), (363, 3016), (379, 3040), (443, 3142), (462, 3184), (465, 3190), (480, 3205), (543, 3292), (582, 3364), (593, 3388), (638, 3487), (654, 3523), (673, 3541), (766, 3664), (786, 3700), (843, 3763), (915, 3850), (927, 3871), (936, 3883), (992, 3961), (1007, 3988), (1064, 4069), (1096, 4108), (1112, 4129), (1130, 4153), (1196, 4213), (1251, 4309),

Gene: Zaka_15 Start: 7514, Stop: 9268, Start Num: 103
Candidate Starts for Zaka_15:
(Start: 103 @7514 has 278 MA's), (Start: 231 @7646 has 26 MA's), (288, 7745), (309, 7769), (325, 7796), (350, 7832), (406, 7907), (476, 8030), (489, 8045), (503, 8069), (558, 8138), (569, 8162), (571, 8165), (593, 8228), (603, 8252), (671, 8381), (673, 8384), (729, 8495), (855, 8657), (915, 8744), (920, 8756), (928, 8768), (980, 8816), (988, 8831), (1007, 8870), (1026, 8891), (1086, 8975), (1096, 8987), (1269, 9224), (1290, 9251), (1292, 9254),

Gene: Zakai_4 Start: 1057, Stop: 2625, Start Num: 149
Candidate Starts for Zakai_4:
(Start: 149 @1057 has 70 MA's), (Start: 155 @1063 has 82 MA's), (271, 1219), (484, 1516), (488, 1522), (533, 1582), (582, 1654), (585, 1660), (591, 1681), (636, 1780), (684, 1882), (700, 1906), (728, 1951), (733, 1957), (753, 1987), (757, 1993), (777, 2020), (782, 2029), (848, 2086), (855, 2092), (873, 2113), (876, 2119), (925, 2194), (927, 2197), (963, 2233), (990, 2278), (1031, 2344), (1093, 2419), (1114, 2437), (1118, 2446), (1241, 2593), (1252, 2617), (1254, 2620),

Gene: ZamZam_6 Start: 2501, Stop: 4147, Start Num: 75
Candidate Starts for ZamZam_6:
(Start: 70 @2492 has 1 MA's), (Start: 75 @2501 has 95 MA's), (Start: 78 @2504 has 1 MA's), (Start: 92 @2519 has 10 MA's), (325, 2723), (350, 2759), (382, 2804), (383, 2807), (450, 2912), (462, 2939), (468, 2948), (476, 2957), (480, 2960), (571, 3095), (593, 3143), (638, 3242), (673, 3296), (701, 3356),

(751, 3395), (786, 3455), (800, 3473), (866, 3536), (915, 3605), (927, 3626), (980, 3689), (992, 3716), (1007, 3743), (1026, 3764), (1064, 3824), (1096, 3863), (1116, 3890), (1130, 3908), (1261, 4085),

Gene: Zameen_2 Start: 498, Stop: 2222, Start Num: 206
Candidate Starts for Zameen_2:
(Start: 193 @483 has 146 MA's), (Start: 206 @498 has 29 MA's), (280, 588), (437, 828), (439, 834), (450, 858), (483, 915), (536, 987), (633, 1185), (655, 1227), (664, 1233), (702, 1317), (723, 1344), (793, 1455), (809, 1482), (926, 1659), (1092, 1932), (1094, 1935), (1098, 1941), (1115, 1962), (1141, 2001), (1177, 2049), (1185, 2058), (1205, 2082), (1226, 2100), (1253, 2157), (1295, 2214),

Gene: Zarafa_11 Start: 6558, Stop: 8255, Start Num: 102
Candidate Starts for Zarafa_11:
(Start: 102 @6558 has 391 MA's), (174, 6630), (363, 6828), (465, 7002), (476, 7014), (503, 7053), (518, 7065), (558, 7122), (569, 7146), (593, 7212), (596, 7221), (634, 7302), (643, 7329), (720, 7467), (763, 7533), (778, 7554), (791, 7578), (798, 7587), (864, 7653), (915, 7728), (928, 7752), (930, 7755), (936, 7761), (943, 7770), (988, 7818), (1026, 7878), (1096, 7974), (1130, 8019), (1134, 8028), (1253, 8181), (1269, 8211), (1292, 8241), (1294, 8244),

Gene: Zarbodnamra_2 Start: 360, Stop: 1928, Start Num: 163
Candidate Starts for Zarbodnamra_2:
(59, 255), (Start: 163 @360 has 37 MA's), (251, 444), (269, 477), (313, 519), (Start: 324 @537 has 4 MA's), (334, 552), (362, 573), (377, 594), (396, 633), (431, 693), (451, 729), (454, 741), (491, 786), (498, 795), (522, 822), (584, 900), (630, 1005), (637, 1020), (642, 1035), (702, 1113), (736, 1164), (837, 1320), (869, 1359), (898, 1398), (923, 1443), (963, 1488), (965, 1491), (968, 1497), (984, 1518), (989, 1527), (990, 1530), (1005, 1560), (1026, 1584), (1033, 1599), (1118, 1701), (1148, 1743), (1156, 1758), (1176, 1779), (1188, 1794), (1251, 1890), (1262, 1902), (1269, 1911), (1273, 1917),

Gene: Zareef_6 Start: 1990, Stop: 3690, Start Num: 176
Candidate Starts for Zareef_6:
(Start: 176 @1990 has 83 MA's), (203, 2020), (237, 2062), (350, 2200), (383, 2248), (407, 2278), (426, 2311), (443, 2347), (450, 2362), (454, 2377), (476, 2407), (507, 2458), (572, 2557), (582, 2578), (619, 2647), (634, 2689), (645, 2719), (729, 2866), (758, 2917), (798, 2980), (814, 3004), (888, 3070), (908, 3103), (911, 3127), (913, 3130), (917, 3139), (930, 3160), (956, 3187), (988, 3232), (992, 3244), (994, 3250), (1007, 3271), (1035, 3310), (1112, 3409), (1140, 3445), (1222, 3532), (1265, 3613), (1269, 3619), (1311, 3676), (1313, 3679),

Gene: Zaria_4 Start: 1052, Stop: 2635, Start Num: 149
Candidate Starts for Zaria_4:
(Start: 149 @1052 has 70 MA's), (Start: 155 @1058 has 82 MA's), (284, 1229), (352, 1316), (374, 1334), (379, 1340), (396, 1376), (486, 1514), (488, 1517), (550, 1592), (582, 1646), (584, 1649), (585, 1652), (659, 1820), (684, 1874), (688, 1883), (700, 1898), (713, 1919), (737, 1958), (753, 1979), (757, 1985), (777, 2012), (808, 2054), (848, 2078), (866, 2096), (873, 2105), (876, 2111), (902, 2144), (918, 2177), (953, 2216), (962, 2222), (963, 2225), (990, 2270), (1031, 2336), (1069, 2387), (1087, 2402), (1093, 2411), (1111, 2426), (1114, 2429), (1207, 2531), (1224, 2558), (1252, 2609), (1254, 2612),

Gene: Zeeculate_10 Start: 6722, Stop: 8410, Start Num: 102
Candidate Starts for Zeeculate_10:
(Start: 102 @6722 has 391 MA's), (363, 6986), (379, 7010), (476, 7172), (500, 7205), (558, 7280), (593, 7370), (603, 7394), (621, 7421), (637, 7469), (720, 7625), (760, 7685), (873, 7817), (930, 7910), (939, 7919), (952, 7931), (988, 7973), (995, 7994), (1020, 8021), (1096, 8129), (1182, 8219), (1246, 8324),

Gene: Zeina_8 Start: 3523, Stop: 5256, Start Num: 217

Candidate Starts for Zeina_8:
(Start: 217 @3523 has 209 MA's), (287, 3622), (343, 3712), (438, 3859), (458, 3907), (504, 3985), (523, 4003), (525, 4006), (561, 4075), (604, 4177), (616, 4201), (636, 4258), (680, 4363), (728, 4462), (744, 4492), (770, 4534), (804, 4591), (859, 4660), (868, 4672), (949, 4786), (967, 4804), (1000, 4873), (1003, 4876), (1131, 5056), (1146, 5080), (1182, 5104), (1196, 5116), (1203, 5128), (1224, 5161), (1244, 5206), (1246, 5209),

Gene: Zemlya_7 Start: 2376, Stop: 4022, Start Num: 75
Candidate Starts for Zemlya_7:
(Start: 75 @2376 has 95 MA's), (Start: 92 @2394 has 10 MA's), (325, 2598), (350, 2634), (462, 2814), (480, 2835), (515, 2880), (543, 2922), (582, 2994), (593, 3018), (638, 3117), (643, 3132), (663, 3156), (665, 3162), (786, 3330), (915, 3480), (927, 3501), (936, 3513), (992, 3591), (1064, 3699), (1096, 3738), (1112, 3759), (1116, 3765), (1130, 3783), (1251, 3939),

Gene: ZenTime222_3 Start: 724, Stop: 2607, Start Num: 96
Candidate Starts for ZenTime222_3:
(16, 475), (Start: 96 @724 has 7 MA's), (177, 805), (Start: 182 @814 has 18 MA's), (257, 910), (260, 922), (350, 1054), (447, 1201), (450, 1207), (462, 1234), (476, 1252), (528, 1315), (597, 1450), (693, 1651), (739, 1708), (917, 1927), (963, 1978), (973, 2002), (996, 2053), (1067, 2182), (1089, 2221), (1096, 2230), (1126, 2281), (1149, 2320), (1184, 2407), (1196, 2419), (1249, 2512), (1256, 2527), (1257, 2530),

Gene: Zeph_16 Start: 9469, Stop: 11214, Start Num: 217
Candidate Starts for Zeph_16:
(Start: 217 @9469 has 209 MA's), (222, 9475), (287, 9568), (315, 9604), (343, 9658), (446, 9835), (504, 9943), (523, 9961), (525, 9964), (561, 10033), (596, 10117), (604, 10135), (628, 10192), (660, 10273), (680, 10321), (728, 10420), (731, 10426), (761, 10477), (765, 10483), (791, 10525), (804, 10549), (949, 10744), (982, 10786), (991, 10810), (1000, 10831), (1003, 10834), (1131, 11014), (1179, 11059), (1182, 11062), (1196, 11074), (1244, 11164), (1246, 11167),

Gene: Zephyr_11 Start: 6863, Stop: 8551, Start Num: 102
Candidate Starts for Zephyr_11:
(Start: 102 @6863 has 391 MA's), (Start: 302 @7043 has 3 MA's), (363, 7127), (383, 7163), (406, 7190), (476, 7313), (558, 7421), (593, 7511), (603, 7535), (621, 7562), (637, 7610), (679, 7679), (720, 7766), (760, 7826), (930, 8051), (939, 8060), (952, 8072), (988, 8114), (995, 8135), (1020, 8162), (1096, 8270), (1182, 8360), (1246, 8465),

Gene: Zerg_2 Start: 572, Stop: 2209, Start Num: 126
Candidate Starts for Zerg_2:
(Start: 126 @572 has 206 MA's), (133, 581), (Start: 147 @596 has 3 MA's), (Start: 184 @629 has 3 MA's), (Start: 217 @653 has 209 MA's), (Start: 219 @656 has 2 MA's), (271, 719), (310, 758), (372, 845), (419, 905), (442, 929), (445, 938), (447, 941), (454, 962), (467, 983), (482, 998), (519, 1055), (543, 1094), (580, 1163), (584, 1169), (597, 1199), (598, 1202), (603, 1211), (612, 1226), (621, 1244), (638, 1295), (670, 1346), (689, 1388), (695, 1397), (845, 1568), (859, 1580), (915, 1664), (934, 1694), (937, 1697), (940, 1700), (988, 1757), (993, 1772), (995, 1778), (996, 1781), (1007, 1796), (1020, 1805), (1062, 1874), (1082, 1904), (1084, 1913), (1112, 1946), (1130, 1964), (1140, 1979), (1176, 2006), (1197, 2030), (1202, 2039), (1222, 2069), (1235, 2090), (1246, 2114), (1251, 2123), (1253, 2126), (1284, 2183),

Gene: Zeta1847_2 Start: 478, Stop: 2175, Start Num: 100
Candidate Starts for Zeta1847_2:
(Start: 100 @478 has 15 MA's), (309, 649), (326, 676), (343, 688), (406, 778), (434, 832), (476, 901), (512, 949), (1015, 1726), (1096, 1840), (1256, 2098),

Gene: Zetzy_12 Start: 6522, Stop: 8222, Start Num: 104
Candidate Starts for Zetzy_12:
(Start: 104 @6522 has 125 MA's), (151, 6570), (Start: 224 @6642 has 17 MA's), (292, 6705), (476, 6984), (593, 7182), (634, 7272), (671, 7335), (760, 7497), (915, 7695), (928, 7719), (930, 7722), (988, 7785), (992, 7797), (995, 7806), (1026, 7845), (1096, 7941), (1134, 7995), (1182, 8031), (1269, 8178), (1292, 8208), (1294, 8211),

Gene: Zeuska_12 Start: 7541, Stop: 9229, Start Num: 102
Candidate Starts for Zeuska_12:
(Start: 102 @7541 has 391 MA's), (Start: 302 @7721 has 3 MA's), (363, 7805), (383, 7841), (406, 7868), (476, 7991), (558, 8099), (593, 8189), (603, 8213), (621, 8240), (637, 8288), (679, 8357), (720, 8444), (760, 8504), (930, 8729), (939, 8738), (952, 8750), (988, 8792), (995, 8813), (1020, 8840), (1096, 8948), (1182, 9038), (1246, 9143),

Gene: ZhongYanYuan_3 Start: 901, Stop: 2469, Start Num: 149
Candidate Starts for ZhongYanYuan_3:
(Start: 149 @901 has 70 MA's), (Start: 155 @907 has 82 MA's), (Start: 164 @916 has 12 MA's), (271, 1063), (352, 1165), (414, 1255), (484, 1360), (582, 1498), (585, 1504), (599, 1549), (636, 1624), (659, 1672), (684, 1726), (700, 1750), (713, 1771), (728, 1795), (733, 1801), (753, 1831), (757, 1837), (782, 1873), (848, 1930), (866, 1948), (876, 1963), (925, 2038), (927, 2041), (963, 2077), (968, 2086), (990, 2122), (1031, 2188), (1093, 2263), (1114, 2281), (1118, 2290), (1241, 2437), (1252, 2461), (1254, 2464),

Gene: Zhuangyuan_4 Start: 1041, Stop: 2672, Start Num: 164
Candidate Starts for Zhuangyuan_4:
(Start: 164 @1041 has 12 MA's), (306, 1206), (325, 1236), (374, 1287), (381, 1299), (401, 1338), (409, 1353), (414, 1359), (518, 1515), (554, 1536), (585, 1587), (607, 1650), (643, 1731), (651, 1746), (681, 1800), (682, 1803), (768, 1929), (815, 1989), (829, 2004), (873, 2070), (891, 2097), (896, 2106), (963, 2199), (980, 2229), (1014, 2268), (1017, 2277), (1030, 2301), (1063, 2346), (1120, 2415), (1147, 2448), (1157, 2457), (1162, 2463), (1182, 2484), (1184, 2487), (1203, 2511), (1246, 2580), (1261, 2610), (1265, 2619), (1306, 2661),

Gene: ZiggyZoo_2 Start: 360, Stop: 1928, Start Num: 163
Candidate Starts for ZiggyZoo_2:
(59, 255), (Start: 163 @360 has 37 MA's), (251, 444), (269, 477), (313, 519), (Start: 324 @537 has 4 MA's), (334, 552), (362, 573), (377, 594), (396, 633), (431, 693), (451, 729), (454, 741), (489, 783), (498, 795), (522, 822), (584, 900), (630, 1005), (637, 1020), (642, 1035), (702, 1113), (736, 1164), (837, 1320), (869, 1359), (898, 1398), (914, 1431), (923, 1443), (963, 1488), (965, 1491), (968, 1497), (984, 1518), (989, 1527), (990, 1530), (1005, 1560), (1033, 1599), (1118, 1701), (1148, 1743), (1156, 1758), (1176, 1779), (1188, 1794), (1251, 1890), (1262, 1902), (1269, 1911),

Gene: Zilizebeth_2 Start: 413, Stop: 2089, Start Num: 134
Candidate Starts for Zilizebeth_2:
(Start: 134 @413 has 105 MA's), (313, 629), (338, 668), (360, 725), (362, 731), (373, 749), (397, 794), (404, 806), (409, 815), (414, 821), (451, 878), (459, 899), (467, 911), (541, 1001), (636, 1190), (702, 1286), (720, 1316), (736, 1337), (837, 1490), (984, 1688), (989, 1697), (1000, 1724), (1031, 1766), (1044, 1784), (1118, 1868), (1130, 1883), (1269, 2072),

Gene: Zilla_2 Start: 360, Stop: 1928, Start Num: 163
Candidate Starts for Zilla_2:
(Start: 113 @333 has 24 MA's), (Start: 163 @360 has 37 MA's), (Start: 166 @363 has 2 MA's), (251, 444), (269, 477), (281, 492), (313, 519), (Start: 324 @537 has 4 MA's), (334, 552), (362, 573), (377,

594), (396, 633), (414, 663), (431, 693), (451, 729), (454, 741), (476, 771), (491, 786), (516, 816), (522, 822), (557, 852), (584, 900), (630, 1005), (637, 1020), (642, 1035), (651, 1053), (702, 1113), (723, 1146), (736, 1164), (837, 1320), (869, 1359), (898, 1398), (914, 1431), (923, 1443), (953, 1479), (963, 1488), (968, 1497), (984, 1518), (989, 1527), (990, 1530), (1005, 1560), (1031, 1596), (1033, 1599), (1085, 1659), (1118, 1701), (1148, 1743), (1176, 1779), (1188, 1794), (1231, 1857), (1262, 1902), (1269, 1911),

Gene: Zimmer_14 Start: 9025, Stop: 10809, Start Num: 103
Candidate Starts for Zimmer_14:
(85, 8998), (Start: 103 @9025 has 278 MA's), (Start: 231 @9157 has 26 MA's), (266, 9223), (288, 9256), (350, 9343), (445, 9487), (476, 9541), (503, 9580), (558, 9652), (593, 9742), (603, 9766), (646, 9865), (663, 9883), (673, 9898), (751, 10042), (869, 10213), (915, 10285), (980, 10357), (988, 10372), (1026, 10432), (1096, 10528), (1182, 10618), (1267, 10762), (1269, 10765), (1290, 10792), (1292, 10795), (1294, 10798),

Gene: Zion_12 Start: 6676, Stop: 8742, Start Num: 5
Candidate Starts for Zion_12:
(Start: 5 @6676 has 5 MA's), (13, 6733), (30, 6871), (33, 6901), (43, 6925), (Start: 106 @7042 has 2 MA's), (Start: 126 @7063 has 206 MA's), (Start: 147 @7087 has 3 MA's), (Start: 202 @7150 has 4 MA's), (Start: 224 @7174 has 17 MA's), (343, 7336), (349, 7351), (359, 7369), (361, 7372), (375, 7396), (384, 7414), (433, 7471), (435, 7474), (454, 7516), (473, 7543), (485, 7561), (503, 7588), (513, 7606), (516, 7609), (558, 7663), (597, 7747), (598, 7750), (608, 7771), (621, 7792), (646, 7864), (670, 7894), (695, 7945), (769, 8026), (792, 8059), (916, 8221), (992, 8323), (1007, 8350), (1020, 8359), (1094, 8470), (1166, 8533), (1246, 8644), (1251, 8653), (1301, 8734),

Gene: Zippen_8 Start: 3825, Stop: 5564, Start Num: 217
Candidate Starts for Zippen_8:
(Start: 217 @3825 has 209 MA's), (287, 3924), (353, 4044), (426, 4143), (446, 4185), (458, 4215), (504, 4293), (525, 4314), (580, 4416), (604, 4485), (616, 4509), (680, 4671), (713, 4746), (728, 4770), (791, 4875), (804, 4899), (868, 4980), (949, 5094), (967, 5112), (970, 5118), (1000, 5181), (1003, 5184), (1146, 5388), (1182, 5412), (1196, 5424), (1244, 5514), (1246, 5517),

Gene: Zirinka_2 Start: 498, Stop: 2222, Start Num: 206
Candidate Starts for Zirinka_2:
(Start: 193 @483 has 146 MA's), (Start: 206 @498 has 29 MA's), (280, 588), (426, 804), (437, 828), (439, 834), (450, 858), (483, 915), (536, 987), (633, 1185), (655, 1227), (664, 1233), (702, 1317), (723, 1344), (793, 1455), (809, 1482), (926, 1659), (1092, 1932), (1094, 1935), (1098, 1941), (1115, 1962), (1141, 2001), (1177, 2049), (1185, 2058), (1205, 2082), (1226, 2100), (1253, 2157), (1295, 2214),

Gene: Zixiang_3 Start: 749, Stop: 2329, Start Num: 224
Candidate Starts for Zixiang_3:
(Start: 164 @689 has 12 MA's), (Start: 224 @749 has 17 MA's), (Start: 300 @845 has 12 MA's), (306, 854), (Start: 314 @863 has 1 MA's), (325, 884), (374, 935), (401, 986), (409, 1001), (443, 1046), (587, 1247), (607, 1298), (625, 1322), (636, 1358), (643, 1379), (674, 1439), (687, 1469), (698, 1478), (744, 1541), (893, 1751), (905, 1769), (949, 1835), (953, 1841), (963, 1850), (980, 1880), (1014, 1919), (1063, 1997), (1102, 2042), (1114, 2054), (1203, 2168), (1246, 2237), (1249, 2243), (1255, 2255), (1259, 2264), (1306, 2318),

Gene: Zizzle_2 Start: 587, Stop: 2224, Start Num: 126
Candidate Starts for Zizzle_2:
(Start: 126 @587 has 206 MA's), (Start: 139 @602 has 1 MA's), (Start: 147 @611 has 3 MA's), (153, 617), (Start: 184 @644 has 3 MA's), (Start: 217 @668 has 209 MA's), (Start: 219 @671 has 2 MA's), (271, 734), (291, 752), (310, 773), (372, 860), (375, 866), (419, 920), (433, 932), (442, 944), (445, 953),

(447, 956), (454, 977), (467, 998), (482, 1013), (519, 1070), (543, 1109), (580, 1178), (584, 1184), (597, 1214), (598, 1217), (603, 1226), (612, 1241), (621, 1259), (638, 1310), (695, 1412), (845, 1583), (859, 1595), (872, 1613), (915, 1679), (934, 1709), (937, 1712), (940, 1715), (988, 1772), (993, 1787), (995, 1793), (996, 1796), (1007, 1811), (1020, 1820), (1062, 1889), (1082, 1919), (1084, 1928), (1112, 1961), (1140, 1994), (1176, 2021), (1202, 2054), (1219, 2081), (1222, 2084), (1235, 2105), (1246, 2129), (1251, 2138), (1253, 2141), (1284, 2198),

Gene: Zodiariah_2 Start: 432, Stop: 1991, Start Num: 180
Candidate Starts for Zodiariah_2:
(Start: 42 @276 has 1 MA's), (54, 309), (Start: 63 @333 has 32 MA's), (86, 363), (Start: 113 @402 has 24 MA's), (Start: 180 @432 has 11 MA's), (Start: 255 @498 has 1 MA's), (303, 558), (313, 567), (338, 606), (454, 777), (455, 780), (476, 807), (491, 822), (548, 876), (585, 939), (599, 984), (642, 1071), (643, 1074), (668, 1116), (679, 1134), (691, 1164), (701, 1182), (702, 1185), (712, 1200), (826, 1374), (837, 1395), (854, 1413), (866, 1431), (873, 1440), (914, 1503), (923, 1515), (952, 1548), (953, 1551), (988, 1596), (989, 1599), (1000, 1626), (1031, 1668), (1044, 1686), (1061, 1707), (1123, 1776), (1126, 1779), (1148, 1812), (1168, 1845), (1196, 1875), (1219, 1914),

Gene: Zolita_8 Start: 6266, Stop: 8017, Start Num: 63
Candidate Starts for Zolita_8:
(Start: 53 @6239 has 20 MA's), (Start: 63 @6266 has 32 MA's), (114, 6335), (Start: 154 @6374 has 1 MA's), (228, 6449), (Start: 231 @6455 has 26 MA's), (350, 6587), (406, 6662), (407, 6665), (445, 6731), (521, 6839), (536, 6863), (593, 6971), (613, 7016), (643, 7094), (646, 7100), (647, 7103), (743, 7265), (747, 7271), (763, 7298), (915, 7493), (928, 7517), (988, 7580), (992, 7592), (1007, 7619), (1026, 7640), (1061, 7694), (1086, 7724), (1096, 7736), (1269, 7973), (1294, 8006), (1299, 8012),

Gene: Zorro_5 Start: 3082, Stop: 4647, Start Num: 155
Candidate Starts for Zorro_5:
(Start: 155 @3082 has 82 MA's), (Start: 324 @3292 has 4 MA's), (374, 3346), (404, 3403), (409, 3412), (573, 3652), (584, 3667), (586, 3673), (607, 3733), (636, 3793), (740, 3892), (759, 3922), (768, 3937), (815, 4018), (880, 4096), (883, 4105), (905, 4141), (923, 4180), (953, 4213), (963, 4222), (977, 4249), (1020, 4303), (1044, 4345), (1111, 4390), (1126, 4411), (1141, 4435), (1222, 4513), (1308, 4633),

Gene: Zulu_15 Start: 7513, Stop: 9267, Start Num: 103
Candidate Starts for Zulu_15:
(Start: 103 @7513 has 278 MA's), (Start: 231 @7645 has 26 MA's), (288, 7744), (309, 7768), (325, 7795), (350, 7831), (406, 7906), (476, 8029), (489, 8044), (503, 8068), (558, 8137), (569, 8161), (571, 8164), (593, 8227), (603, 8251), (671, 8380), (673, 8383), (729, 8494), (855, 8656), (915, 8743), (920, 8755), (928, 8767), (980, 8815), (988, 8830), (1007, 8869), (1026, 8890), (1086, 8974), (1096, 8986), (1269, 9223), (1290, 9250), (1292, 9253),

Gene: phiBT1_33 Start: 597, Stop: 2180, Start Num: 291
Candidate Starts for phiBT1_33:
(286, 591), (291, 597), (349, 687), (448, 840), (450, 843), (452, 849), (479, 891), (535, 972), (536, 975), (548, 996), (550, 999), (564, 1026), (578, 1047), (590, 1077), (591, 1080), (617, 1125), (655, 1209), (764, 1374), (845, 1506), (922, 1620), (944, 1647), (946, 1653), (972, 1698), (973, 1704), (994, 1752), (1062, 1857), (1064, 1860), (1119, 1929), (1137, 1956), (1203, 2034), (1205, 2037), (1219, 2058), (1226, 2061),

Gene: phiCAM_06 Start: 2516, Stop: 4162, Start Num: 75
Candidate Starts for phiCAM_06:
(Start: 70 @2507 has 1 MA's), (Start: 75 @2516 has 95 MA's), (Start: 78 @2519 has 1 MA's), (Start: 92 @2534 has 10 MA's), (171, 2588), (189, 2612), (325, 2738), (343, 2759), (350, 2774), (443, 2912), (450, 2927), (462, 2954), (468, 2963), (480, 2975), (543, 3062), (558, 3083), (571, 3110), (593, 3158),

(638, 3257), (751, 3410), (763, 3431), (786, 3470), (915, 3620), (917, 3626), (927, 3641), (936, 3653), (980, 3704), (1007, 3758), (1096, 3878), (1116, 3905), (1130, 3923), (1251, 4079),

Gene: phiSASD1_22 Start: 558, Stop: 2168, Start Num: 186
Candidate Starts for phiSASD1_22:
(Start: 186 @558 has 2 MA's), (218, 582), (265, 651), (288, 684), (322, 735), (335, 753), (340, 759), (426, 924), (454, 981), (460, 990), (476, 1011), (499, 1041), (518, 1059), (526, 1068), (590, 1182), (597, 1203), (607, 1224), (621, 1239), (696, 1365), (814, 1521), (882, 1590), (923, 1662), (992, 1770), (1007, 1797), (1064, 1839), (1090, 1875), (1107, 1902), (1113, 1908), (1205, 2013), (1246, 2082), (1248, 2085), (1251, 2091), (1294, 2157),