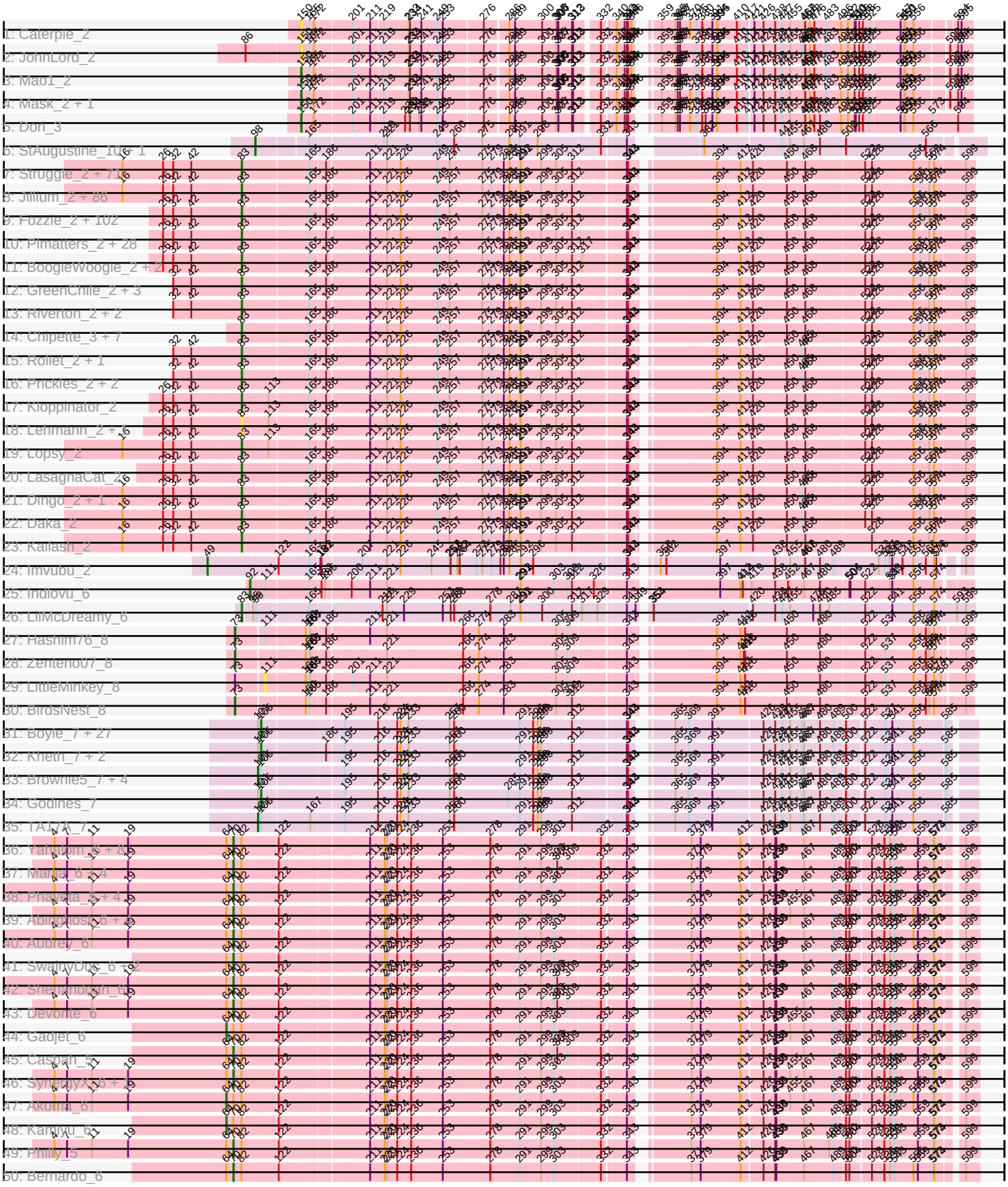
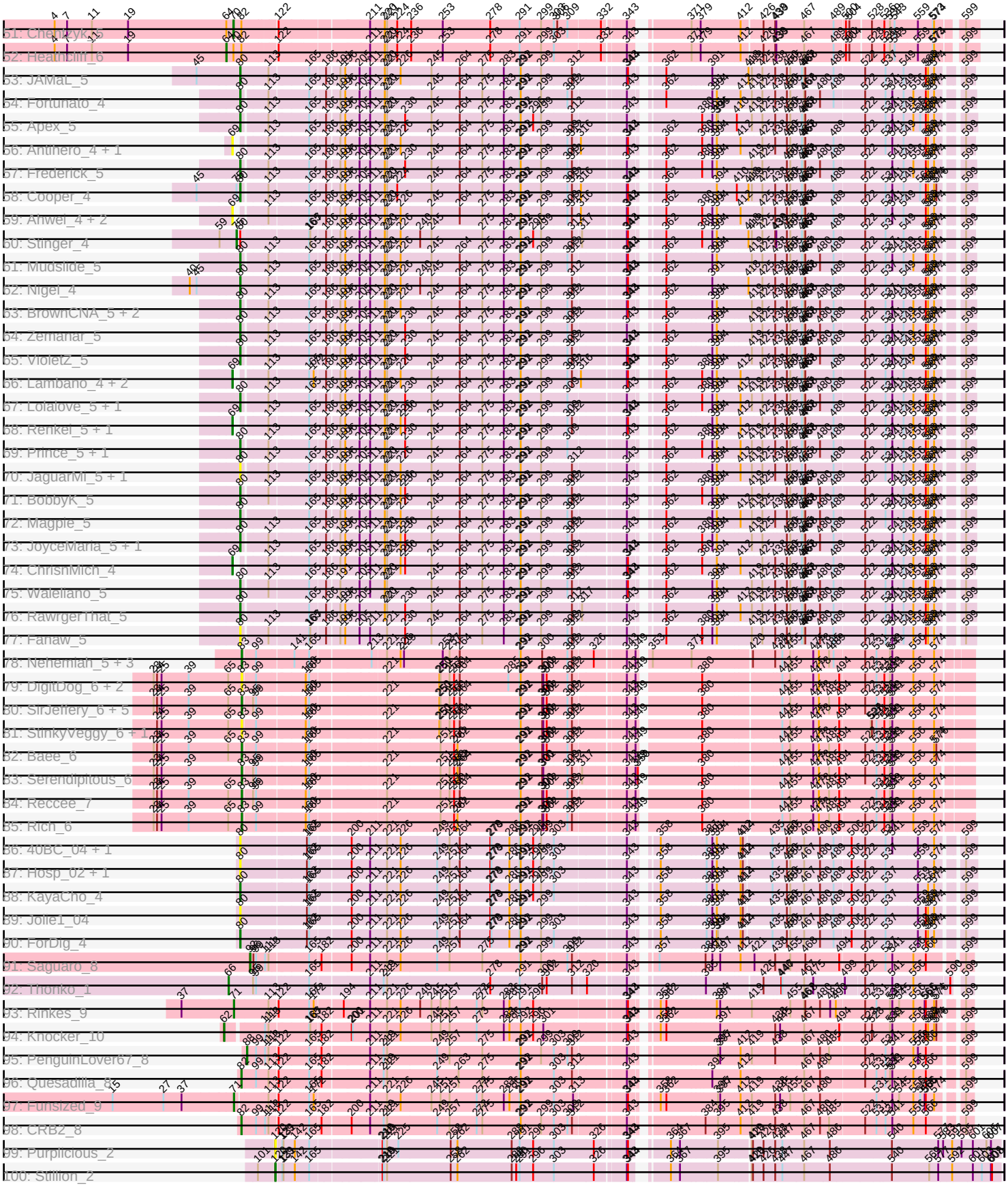
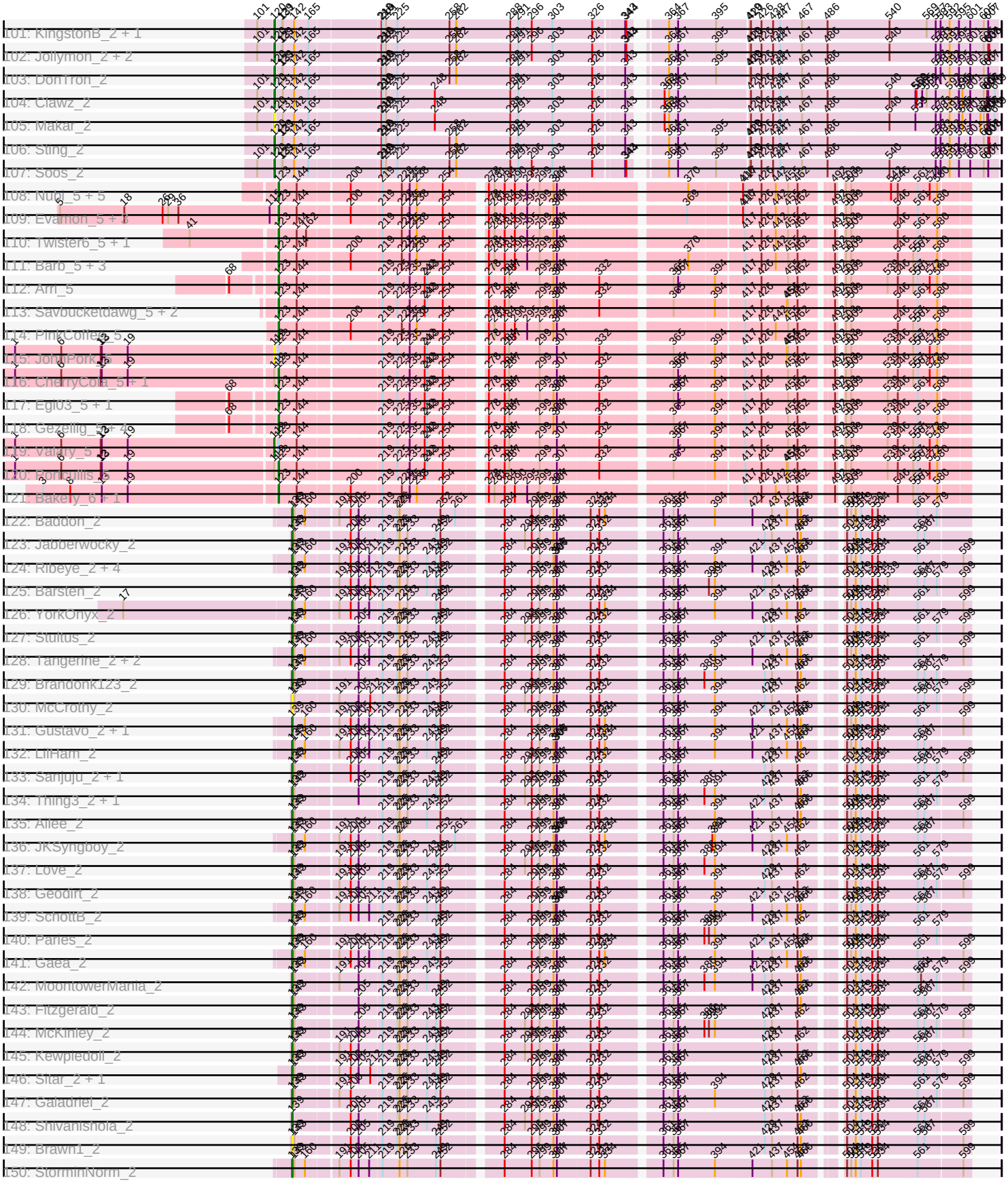
Pham 343426


1: Caterpie_2
2: JohnLord_2
3: Mao1_2
4: Mask_2 + 1
5: Don_3
6: StAugustine_10 + 1
7: Struggle_2 + 71
8: Jillium_2 + 86
9: Fozzie_2 + 102
10: Pimatters_2 + 28
11: BoogieWoogie_2 + 2
12: GreenChile_2 + 3
13: Riverton_2 + 2
14: Chipette_3 + 7
15: Rollet_2 + 1
16: Prickles_2 + 2
17: Kloppinator_2
18: Lehmann_2 + 1
19: Lopsy_2
20: LasagnaCat_26
21: Dingo_2 + 1
22: Daka_2
23: Kailash_2
24: Imvubu_2
25: Indiovu_6
26: LilMcDreamy_6
27: Hashim76_8
28: Zenteno07_8
29: LittleMinkey_8
30: BirdsNest_8
31: Boyle_7 + 27
32: Kheth_7 + 2
33: Brownies_7 + 4
34: Godines_7
35: TA17A_7
36: Yanaoum_6 + 8
37: Mandi_6 + 4
38: Phaivata_2 + 4
39: AbinDiosa_6 + 9
40: Audrey_6
41: SwainyDog_6 + 8
42: Shenandoah_6
43: Devbrite_6
44: Gadjet_6
45: Caspan_5
46: SynapyX16 + 1
47: Akorna_6
48: Kamiyu_6
49: Philly_5
50: Bernardo_6

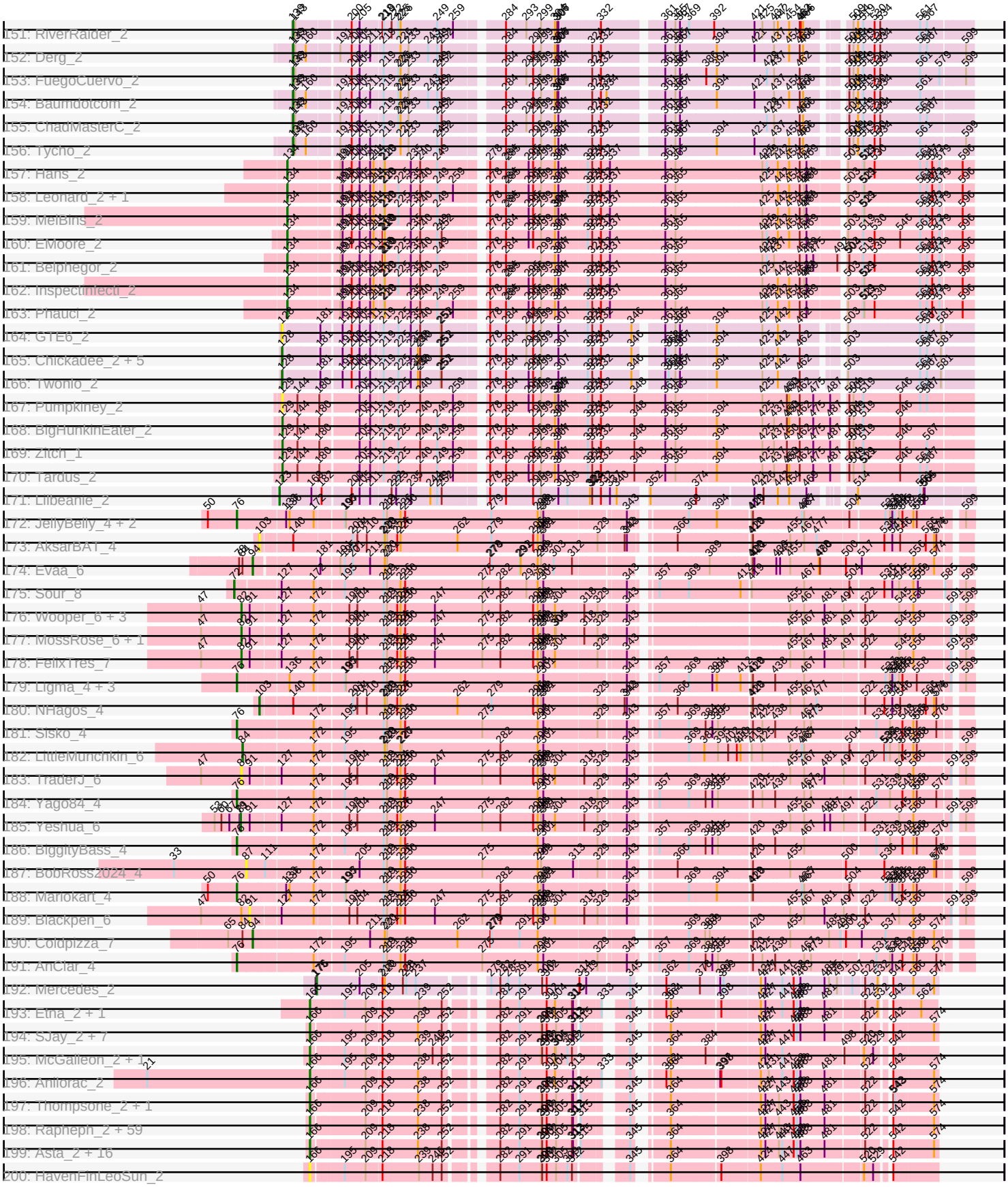
Pham 343426



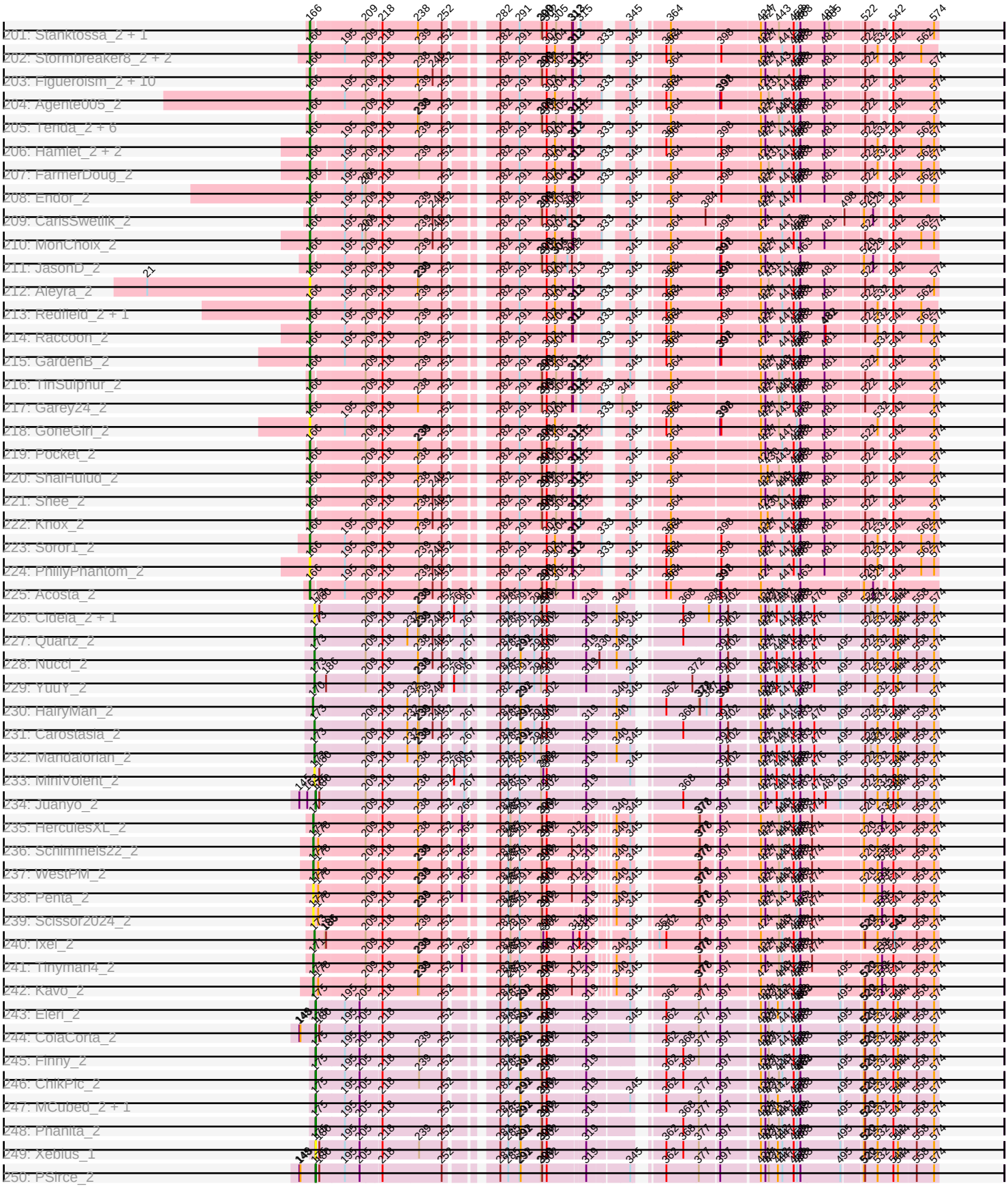
Pham 343426



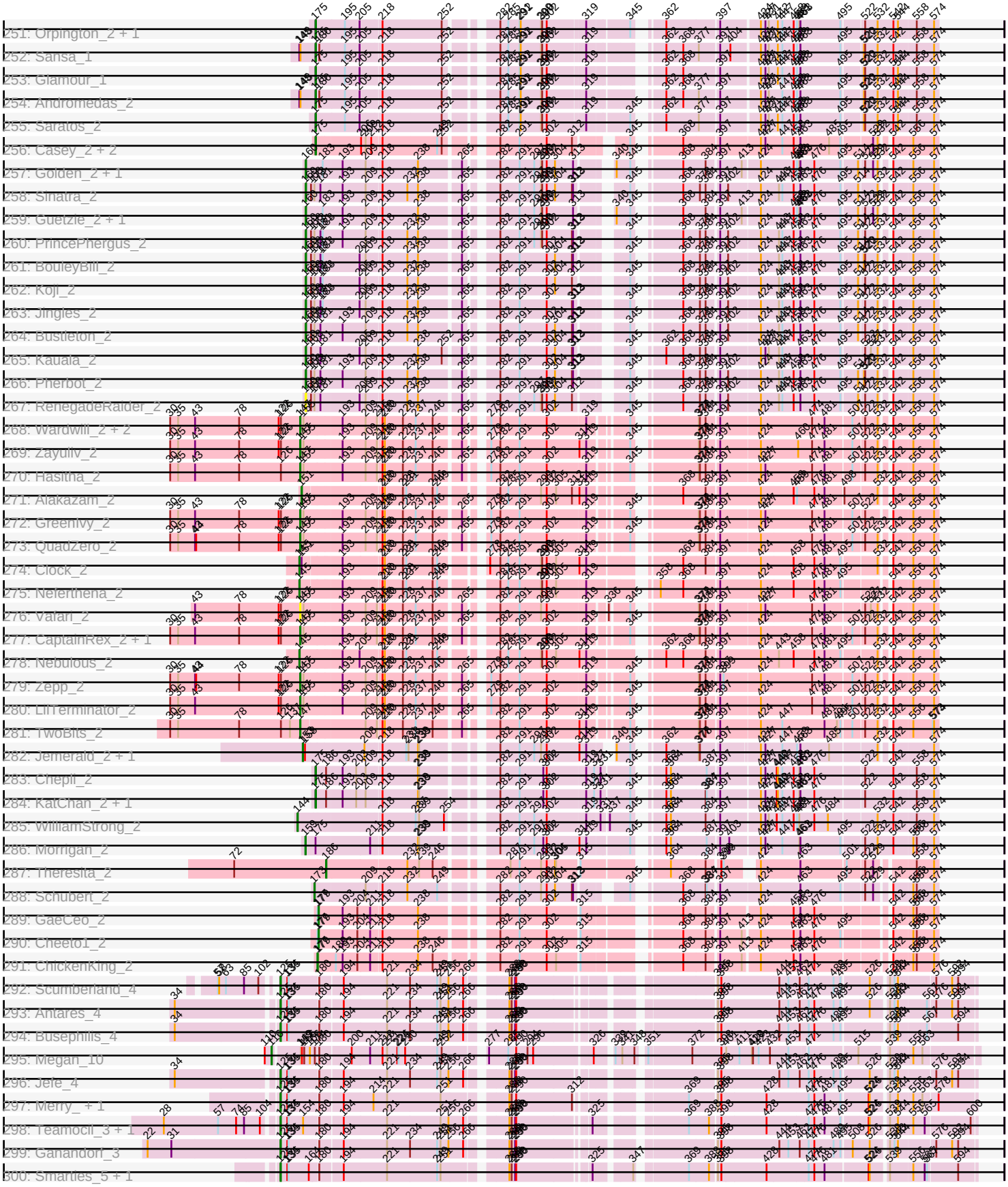
Pham 343426


151: RiverRaider_2
152: Derg_2
153: FuegoCuervo_2
154: Baumdotcom_2
155: ChadMasterC_2
156: Tycho_2
157: Hans_2
158: Leonard_2 + 1
159: MelBins_2
160: EMoore_2
161: Belphegor_2
162: Inspectimecti_2
163: Phauci_2
164: GYE6_2
165: Chickadee_2 + 5
166: Twonio_2
167: Pumpkiney_2
168: BigHunkinEater_2
169: Zitch_1
170: Tardus_2
171: Elibeanie_2
172: JellyBelly_4 + 2
173: AksarBAT_4
174: Evaa_6
175: Sour_8
176: Wooper_6 + 3
177: MossRose_6 + 1
178: FelixTres_7
179: Ligma_4 + 3
180: NHagos_4
181: Sisko_4
182: LittleMunchkin_6
183: TraderJ_6
184: Yago84_4
185: Yeshua_6
186: BiggityBass_4
187: BobRoss2024_4
188: Mariokart_4
189: Blackpen_6
190: Coldpizza_7
191: AnClar_4
192: Mercedes_2
193: Etna_2 + 1
194: SJay_2 + 7
195: McGalleon_2 + 1
196: Anflorac_2
197: Thompsone_2 + 1
198: Rapheph_2 + 59
199: Asta_2 + 16
200: HavenFinLeoSun_2

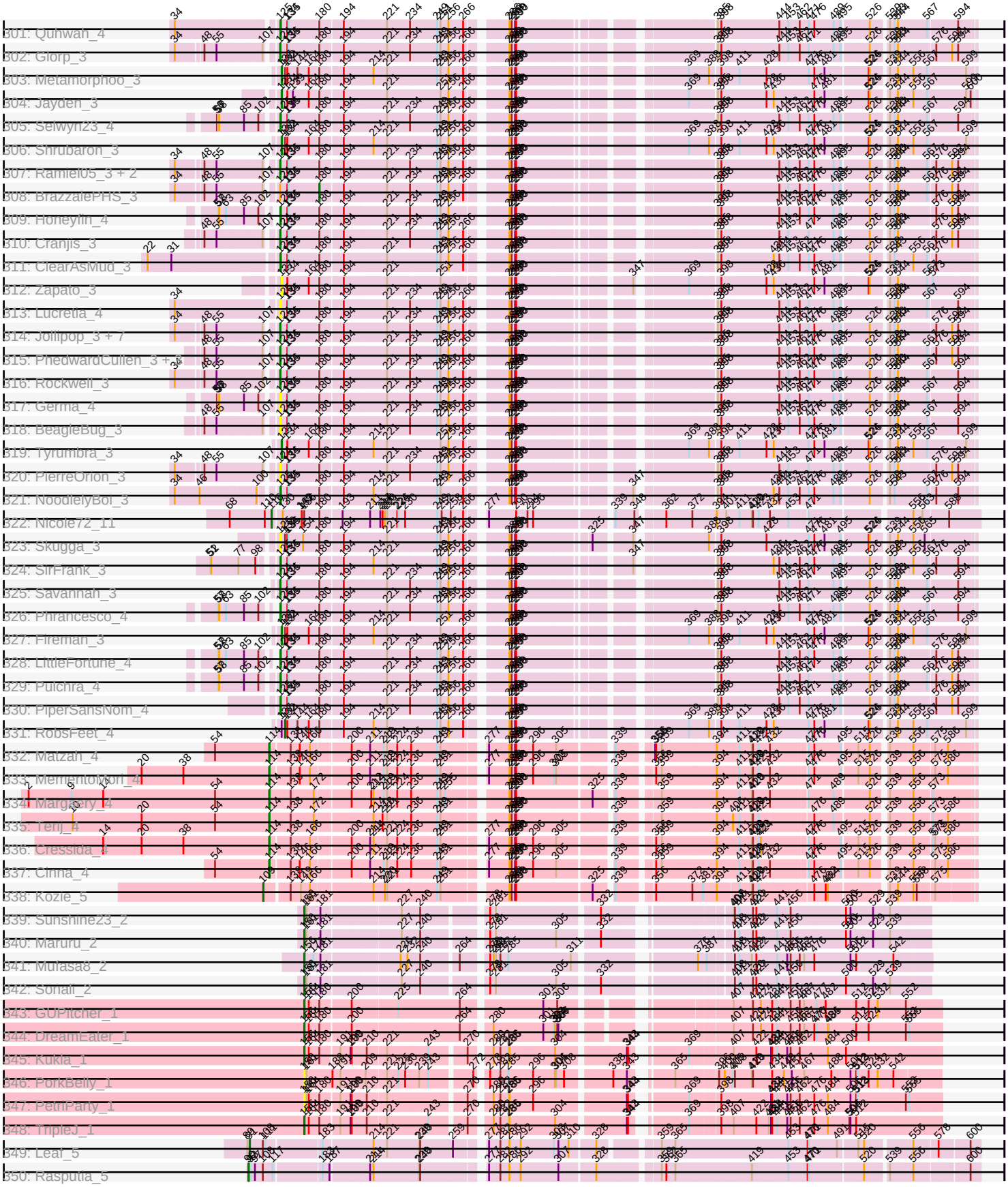
Pham 343426



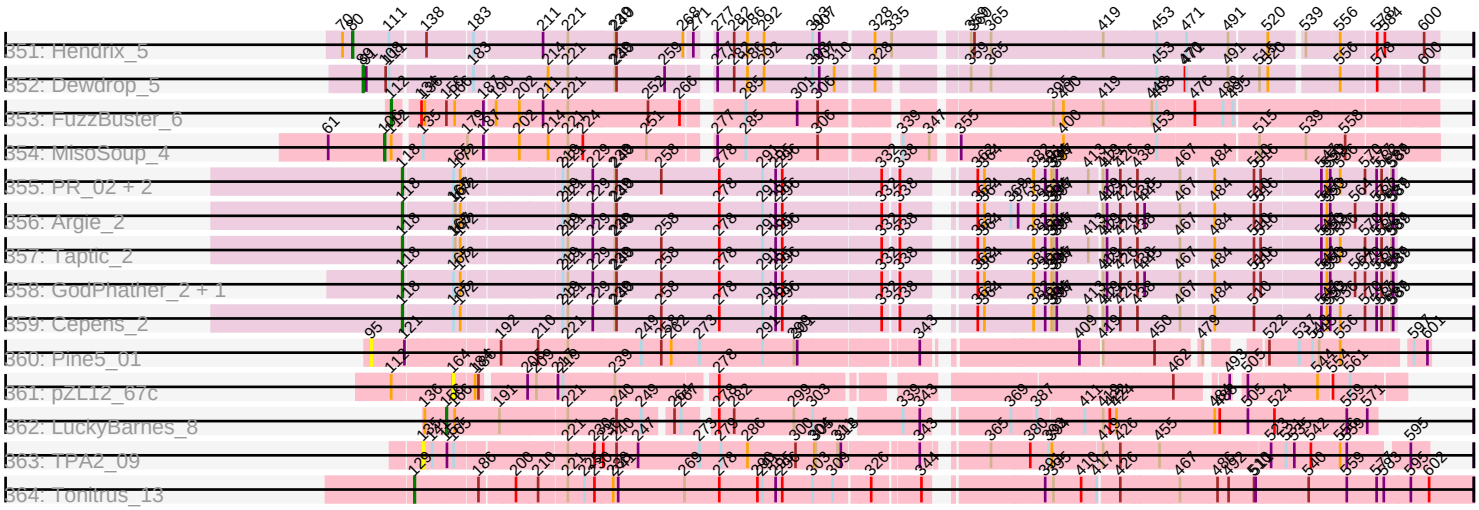
Pham 343426


251: Orpington_2 + 1
252: Sansa_1
253: Glamour_1
254: Andromedas_2
255: Saratos_2
256: Casey_2 + 2
257: Golden_2 + 1
258: Sinatra_2
259: Guetzie_2 + 1
260: PrincePhergus_2
261: BouleyBill_2
262: Koji_2
263: Jingles_2
264: Bustleton_2
265: Kauala_2
266: Pherbot_2
267: RenegadeRaider_2
268: Wardwill_2 + 2
269: Zayuliv_2
270: Hasitha_2
271: Alakazam_2
272: Greenlvy_2
273: QuadZero_2
274: Clock_2
275: Nefertnena_2
276: Valari_2
277: CaptainRex_2 + 1
278: Nebulous_2
279: Zepp_2
280: LilTerminator_2
281: TwoBits_2
282: Jemerald_2 + 1
283: Chepil_2
284: KatChan_2 + 1
285: WilliamStrong_2
286: Morrigan_2
287: Theresita_2
288: Schubert_2
289: GaeCeo_2
290: Cheeto1_2
291: ChickenKing_2
292: Scumberland_4
293: Antares_4
294: Busephills_4
295: Megan_10
296: Jefe_4
297: Merry_ + 1
298: Teamocil_3 + 1
299: Ganandorf_3
300: Smarties_5 + 1

Pham 343426


301: Quhwan_4
302: Glorp_3
303: Metamorphoo_3
304: Jayden_3
305: Selwyn23_4
306: Shrubaron_3
307: Ramiel05_3 + 2
308: BrazzalePHS_3
309: Honeylin_4
310: Cranjis_3
311: ClearAsMud_3
312: Zapato_3
313: Lucretia_4
314: Jollipop_3 + 7
315: PhedwardCullen_3 + 6
316: Rockwell_3
317: Germa_4
318: BeagleBug_3
319: Tyrumbra_3
320: PierreOrion_3
321: NoodlelyBoi_3
322: Nicole72_11
323: Skugga_3
324: SirFrank_3
325: Savannah_3
326: Phrancesco_4
327: Fireman_3
328: LittleFortune_4
329: Pulchra_4
330: PiperSansNom_4
331: RobsFeet_4
332: Matzah_4
333: MemphisMom_4
334: Margaery_4
335: Terij_4
336: Cressida_4
337: Cinna_4
338: Kozie_5
339: Sunshine23_2
340: Maruru_2
341: Mufasa8_2
342: Sonali_2
343: GOPitcher_1
344: DreamEater_1
345: Kukla_1
346: PorkBelly_1
347: PetriParty_1
348: TripleJ_1
349: Leaf_5
350: Rasputia_5

Pham 343426


351: Hendrix_5
352: Dewdrop_5
353: FuzzBuster_6
354: MisoSoup_4
355: PR_02 + 2
356: Argie_2
357: Taptic_2
358: GodFather_2 + 1
359: Cepens_2
360: Pine5_01
361: pZ112_67c
362: LuckyBarnes_8
363: TPA2_09
364: Tonitrus_13

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 343426 Report

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

Pham number 343426 has 939 members, 102 are drafts.

Phages represented in each track:
• Track 1 : Caterpie_2
• Track 2 : JohnLord_2
• Track 3 : Mao1_2
• Track 4 : Mask_2, Sejanus_2
• Track 5 : Dori_3
• Track 6 : StAugustine_10, Causa_11
• Track 7 : Struggle_2, MelsMeow_2, Brilliant_2, OneBrain_2, Weher20_2, Mag7_2, Chunky_2, Veritas_2, DaddyDaniels_2, LeiMonet_2, PhrankReynolds_2, AngelCake_2, Trypo_2, Wallhey_2, Khan1_2, Plata_2, Inchworm_2, Jbug01_2, Melc17_2, TyrionL_2, Ashraf_2, Longacauda_2, JakeO_2, MrPhizzler_2, Soile_2, Gwennie1_2, Karn_2, Durga_2, Swiphy_2, Labeouficaum_2, Phleuron_2, Thunderbird_2, Etaye_2, Hartsy_2, Oline_2, Jiminy_2, JDog_2, Nova1_2, Hekos_2, CampRoach_2, GeneCoco_2, Nehme_2, Derpp_2, DelRivs_2, Taraxa_2, PhenghisKhan_2, Happabalu_2, Doddsville_2, Zonia_2, Jiraiya_2, DuchessDung_2, Duggie_2, Aleia_2, Iridessa_2, Kiwot_2, BatteryCK_2, Magic8_2, MichaelPhcott_2, Sheila_2, Salazzle_2, Dati_2, Ricotta_2, CharlieGBrown_2, Vectra_2, Pinkman_2, Maskar_2, MiniBoss_2, PhatLouie_2, ImtiyazSitla_2, Kwksand96_2, Phergie_2, Rimu_2
• Track 8 : Jillium_2, Virgeve_2, Morty_2, Antonia_2, Childish_2, RedMaple_2, Yoshand_2, Pops_2, Buckeye_2, UncleHowie_2, DonSanchon_2, Azuria_2, PallasAthena_2, KingVeVeVe_2, Slatt_2, FriarPreacher_2, Timmi_2, Aelin_2, Eremos_2, Murdoc_2, Boehler_2, Hetaeria_2, Badfish_2, Lulwa_2, FluffyNinja_2, TallGrassMM_2, Schadenfreude_2, Hocus_2, Held_2, Burr_2, LemonSlice_2, Squiggle_2, Simielle_2, IsaacEli_2, BlackStallion_2, Vaishali24_2, Jesabah_2, Tooj_2, Robyn_2, Potter_2, Septica_2, Altwerkus_2, Caspiboi_2, KlimbOn_2, Daffy_2, BlacksBerry_2, HogWash_2, AltPhacts_2, Carthage_2, Mosaic_2, Toni_2, Apizium_2, FugateOSU_2, Banjo_2, Haleema_2, Solosis_2, LostAndPhound_2, Kikipoo_2, Vortex_2, Giraffe_2, PinheadLarry_2, Bluephacebaby_2, SDcharge11_2, Cornbread_2, Gareth_2, Pherdinand_2, Xavier_2, Telesworld_2, Fringe_2, Inverness_2, MitKao_2, EmGer13_2, UAch1_2, Waterdiva_2, Manad_2, Phareon_2, Schueller_2, Cher_2, Morgushi_2, Kwadwo_2, Cornobble_2, Harvey_2, Beaglebox_2, Vivaldi_2, Mcshane_2, Pipsqueak_2, Horchata_2
• Track 9 : Fozzie_2, Orion_2, HenryJackson_2, Swish_2, Eugenia_2, Adriana_2, Skippy_2, EmpTee_2, Legolas_2, Aonishiki_2, ThreeOh3D2_2, DoesntMatter_2, ProfessorX_2, Riggan_2, PhrodoBaggins_2, Orwigg_2, Matalotodo_2, Serendipity_2, PhatCats2014_2, Craff_2, Newman_2, Grand2040_2, Surely_2, True_2, Oosterbaan_2, Cobra_2, Megatron_2, Mana_2, Gophee_2, Valjean_2, Thora_2,

Haimas_2, TomBombadil_2, SilverBell_2, Placalicious_2, KingTut_2, Hamish_2, Lulumae_2, Gyarad_002, Iridoclysis_2, ElvisPhasley_2, FremontTroll_2, JacAttac_2, Vista_2, Cosmolli16_2, Fang_2, Sigman_2, Usavi_2, LeeLot_2, Sophia_2, Samaymay_2, Nyala_2, Emiris_2, Zelda_2, Mulan_2, Chah_2, Nicole21_2, Andre_2, ABU_2, Kahve_2, YouGoGlencoco_2, FleetyMac_2, Nathan_2, Mutante_2, QueenBeane_2, Scoot17C_2, Spartan300_2, KLucky39_2, Virapocalypse_2, Katniss_2, SassyCat97_2, Charles1_2, Piglet_002, Anderson_2, Mesh1_2, JangoPhett_2, Olak_2, Scrick_2, OSmaximus_2, HighStump_2, Lego3393_2, PG1_2, Hertubise_2, DirtJuice_2, Olive_2, ShadowBud_2, Megamind20_2, Nacho_002, Chorkpop_2, CheetO_2, Serpentine_002, Phamished_2, MRabcd_2, CamL_2, Maru_2, Cannibal_2, Pacifista_2, Quisquiliae_2, Vaticameos_2, Squid_2, Numberten_2, Roy17_2, SallyH_2
• Track 10 : Plmatters_2, Selr12_2, Windsor_2, Puhltonio_2, Dice_2, Chute_2, Tomlarah_2, Kimbrough_2, Mesmerelda_2, Lumine_2, Chuni_2, Keitherie_2, Phipps_2, NiaNia_2, ShiVal_2, OliverWalter_2, Freya_2, Larson_2, Dione_2, Omniscient_2, Flake_2, Coletti_2, SirBeauregard_2, Phunky_2, Podrick_2, Lasso_2, Chaelin_2, Orfeu_2, LuckyMarjie_2
• Track 11 : BoogieWoogie_2, Bishoperium_2, Mecca_2
• Track 12 : GreenChile_2, HSavage_2, Suffolk_2, Colbert_2
• Track 13 : Riverton_2, AbsoluteMadLad_2, Gwilliam_2
• Track 14 : Chipette_3, RedRaider89_3, Zaider_3, Crownjwl_3, DolOn_3, Roscoe_3, TooFast2Furius_3, Basato_3
• Track 15 : Roliet_2, Soto_2
• Track 16 : Prickles_2, Frankicide_2, Mikota_2
• Track 17 : Kloppinator_2
• Track 18 : Lehmann_2, Triad_2
• Track 19 : Lopsy_2
• Track 20 : LasagnaCat_2
• Track 21 : Dingo_2, BlueHusk_2
• Track 22 : Daka_2
• Track 23 : Kailash_2
• Track 24 : Imvubu_2
• Track 25 : Indlovu_6
• Track 26 : LilMcDreamy_6
• Track 27 : Hashim76_8
• Track 28 : Zenteno07_8
• Track 29 : LittleMinkey_8
• Track 30 : BirdsNest_8
• Track 31 : Boyle_7, Vic9_00007, Kolhan_7, Rosebush_7, Eaglehorse_7, MasterPo_7, Calamitous_7, Glass_7, Sabella_7, Bananafish_7, West99_7, FrenchFry_7, LilSmirk_7, PrinceCharming_7, Hedgerow_7, Lephleur_7, Opia_7, LizLemon_7, Arbiter_7, Holeinone_7, Faze9_7, Lars_7, Allegro_7, Kaleb_7, Tres_7, ItsyBitsy1_7, Phantasmagoria_7, Coffee_7
• Track 32 : Kheth_7, Rhinoforte_7, Blocker23_7
• Track 33 : Brownie5_7, Laurie_7, Ares_7, Qyrzula_7, Tinciduntsolum_8
• Track 34 : Godines_7
• Track 35 : TA17A_7
• Track 36 : Yahalom_6, Rita1961_6, Baloo_6, Halfpint_5, MmasiCarm_6, Glubnar_6, Phaedrus_5, Yinz_6, HarveySr_6
• Track 37 : Marlia_6, Gervas_6, Ben11_5, Obutu_6, Mulaychimus_6
• Track 38 : Phayeta_5, TinyTerror_6, Olivio_5, ChaChing_6, LestyG_6
• Track 39 : Abinghost_6, OrangeOswald_6, GlenHope_6, Jackstina_5, Compostia_6
• Track 40 : Audrey_6

• Track 41 : SwainyDoc_6, Corofin_6, Daisy_6
• Track 42 : Shenandoah_6
• Track 43 : Devonte_6
• Track 44 : Gadjet_6
• Track 45 : Casbah_5
• Track 46 : SynergyX_6, RagingRooster_6
• Track 47 : Akoma_6
• Track 48 : Kamiyu_6
• Track 49 : Philly_5
• Track 50 : Bernardo_6
• Track 51 : Chentzyk_5
• Track 52 : Heathcliff_6
• Track 53 : JAMaL_5
• Track 54 : Fortunato_4
• Track 55 : Apex_5
• Track 56 : Antihero_4, Epah_4
• Track 57 : Frederick_5
• Track 58 : Cooper_4
• Track 59 : Ahwei_4, Poster_4, Nanao_4
• Track 60 : Stinger_4
• Track 61 : Mudslide_5
• Track 62 : Nigel_4
• Track 63 : BrownCNA_5, Heath_5, Mithril_5
• Track 64 : Zemanar_5
• Track 65 : VioletZ_5
• Track 66 : Lambano_4, GinPorsche_4, Hally898_4
• Track 67 : Lolalove_5, Hydro_5
• Track 68 : Renkei_5, LittleDigger_5
• Track 69 : Prince_5, Austelle_5
• Track 70 : JaguarMi_5, Xincheng_5
• Track 71 : BobbyK_5
• Track 72 : Magpie_5
• Track 73 : JoyceMaria_5, Hangman_5
• Track 74 : ChrisnMich_4
• Track 75 : Waleliano_5
• Track 76 : RawrgerThat_5
• Track 77 : Fanaw_5
• Track 78 : Nehemiah_5, Phelemich_6, Reprobate_6, Mysterious_6
• Track 79 : DigitDog_6, Shenyu_6, Nangang_6
• Track 80 : SirJeffery_6, Acadian_6, Rita130_6, EastView9101_6, Suigeneris_6, Donny_6
• Track 81 : StinkyVeggy_6, KarasumaRum_6
• Track 82 : Baee_6
• Track 83 : Serendipitous_6
• Track 84 : Reccee_7
• Track 85 : Rich_6
• Track 86 : 40BC_04, 39HC_04
• Track 87 : Hosp_02, Minnow_4
• Track 88 : KayaCho_4
• Track 89 : Jolie1_04
• Track 90 : ForDig_4
• Track 91 : Saguaro_8
• Track 92 : Thonko_1

• Track 93 : Rinkes_9
• Track 94 : Knocker_10
• Track 95 : PenguinLover67_8
• Track 96 : Quesadilla_8
• Track 97 : Funsized_9
• Track 98 : CRB2_8
• Track 99 : Purplicious_2
• Track 100 : Stillion_2
• Track 101 : KingstonB_2, Grumio_2
• Track 102 : Jollymon_2, ColdSoup_2, Amo99_2
• Track 103 : DonTron_2
• Track 104 : Clawz_2
• Track 105 : Makar_2
• Track 106 : Sting_2
• Track 107 : Soos_2
• Track 108 : Nubi_5, Halo3_5, CoveyB_5, Danyall_5, Mutzi_5, Shinji_5
• Track 109 : Evamon_5, Togo_5, Salvador_5, SmokingBunny_5
• Track 110 : Twister6_5, VanDeWege_5
• Track 111 : Barb_5, ClamChowder_5, Fugax_5, KimmyK_5
• Track 112 : Arri_5
• Track 113 : Savbucketdawg_5, Jambalaya_5, TillyBobJoe_5
• Track 114 : PinkCoffee_5
• Track 115 : JohnPork_5
• Track 116 : CherryCola_5, RogerDodger_5
• Track 117 : Egi03_5, Sendy_5
• Track 118 : Gezellig_5, PullumCavea_5, Fireball_5, Wizard_5, Phlop_5
• Track 119 : Valary_5
• Track 120 : Portcullis_5
• Track 121 : Bakery_6, Sixsevenium_6
• Track 122 : Baddon_2
• Track 123 : Jabberwocky_2
• Track 124 : Ribeye_2, Stichling_2, Bizzy_2, Kroos_2, Flatwoods_2
• Track 125 : Barsten_2
• Track 126 : YorkOnyx_2
• Track 127 : Stultus_2
• Track 128 : Tangerine_2, Kwobi_2, Ashertheman_2
• Track 129 : Brandonk123_2
• Track 130 : McCrothy_2
• Track 131 : Gustavo_2, Saronaya_2
• Track 132 : LilHam_2
• Track 133 : Sanjuju_2, Bibwit_2
• Track 134 : Thing3_2, Kamashten_2
• Track 135 : Ailee_2
• Track 136 : JKSyngboy_2
• Track 137 : Love_2
• Track 138 : Geodirt_2
• Track 139 : SchottB_2
• Track 140 : Paries_2
• Track 141 : Gaea_2
• Track 142 : MoontowerMania_2
• Track 143 : Fitzgerald_2
• Track 144 : McKinley_2
• Track 145 : Kewpiedoll_2

• Track 146 : Sitar_2, Lennon_2
• Track 147 : Galadriel_2
• Track 148 : Shivanishola_2
• Track 149 : Brawn1_2
• Track 150 : StorminNorm_2
• Track 151 : RiverRaider_2
• Track 152 : Derg_2
• Track 153 : FuegoCuervo_2
• Track 154 : Baumdotcom_2
• Track 155 : ChadMasterC_2
• Track 156 : Tycho_2
• Track 157 : Hans_2
• Track 158 : Leonard_2, Phinally_2
• Track 159 : MelBins_2
• Track 160 : EMoore_2
• Track 161 : Belphegor_2
• Track 162 : Inspectinfecti_2
• Track 163 : Phauci_2
• Track 164 : GTE6_2
• Track 165 : Chickadee_2, Kwekel_2, Dexdert_2, Tiamoceli_2, RoadKill_2, EdmundFerry_2
• Track 166 : Twonlo_2
• Track 167 : Pumpkiney_2
• Track 168 : BigHunkinEater_2
• Track 169 : Zitch_1
• Track 170 : Tardus_2
• Track 171 : Lilbeanie_2
• Track 172 : JellyBelly_4, Coco2012_4, CharlottesWeb_4
• Track 173 : AksarBAT_4
• Track 174 : Evaa_6
• Track 175 : Sour_8
• Track 176 : Wooper_6, CaiB_6, MakoManhole_6, AnarQue_6
• Track 177 : MossRose_6, CloverMinnie_6
• Track 178 : FelixTres_7
• Track 179 : Ligma_4, Shatter_4, Fresco_4, Axumite_4
• Track 180 : NHagos_4
• Track 181 : Sisko_4
• Track 182 : LittleMunchkin_6
• Track 183 : TraderJ_6
• Track 184 : Yago84_4
• Track 185 : Yeshua_6
• Track 186 : BiggityBass_4
• Track 187 : BobRoss2024_4
• Track 188 : Mariokart_4
• Track 189 : Blackpen_6
• Track 190 : Coldpizza_7
• Track 191 : AnClar_4
• Track 192 : Mercedes_2
• Track 193 : Etna_2, BeeBee8_2
• Track 194 : SJay_2, Nagem_2, AlexAdler_2, Thorongil_2, Janus167_2, Bandik_2, BigRedClifford_2, Blage_2
• Track 195 : McGalleon_2, Jenos_2
• Track 196 : Anilorac_2

• Track 197 : Thompsone_2, Baines_2
• Track 198 : Rapheph_2, WildNOut_2, Chako_2, HungryHenry_2, Alyxandracam_2, Vispistious_2, CoraRita_2, Byron23_2, Den3_2, Peep_2, SonOfLevi_2, Jerbirus_2, Duocatuli_2, Benjalauren_2, Renzie_2, Delphidian_2, Robinson_2, Dave_2, AxiPup_2, HankSprout_2, Phireproof_2, Ludgate_2, Ilzat_2, ParleG_2, Gubbabump_2, MrWorldwide_2, Erla_2, JeriBeth_2, Superfresh_2, Riyhil_2, SoilGremlin_2, Phiderman_2, Greys_2, Antoinette_2, StirfryIV_2, MaeLinda_2, Nattles_2, Klimt_2, PuppyEggo_2, JasperRussell_2, KannH_2, Velene_2, Sedgewig_2, Rog141_2, Chamuel_2, Clancy_2, Etta_2, AranulaLuti_2, Merida02_2, KellyGreen_2, Inventa_2, Exploradora_2, RosieMae_2, MillyPhilly_2, Strathdee_2, Kouch_2, Gargoyle_2, Gelo_2, Winzigespinne_2, StingRay_2
• Track 199 : Asta_2, Teagan_2, Gershwin_2, TeddyBear_2, Pherferi_2, NickSell_2, Bonino_2, Kurt1_2, Calix_2, Phriends_2, SolidSnake_2, Martin_3, Zada_2, BeautPeep30_2, TatarkaPM_2, OldNelly_2, PhredFlintston_2
• Track 200 : HavenFinLeoSun_2
• Track 201 : Stanktossa_2, Dothraki_2
• Track 202 : Stormbreaker8_2, KingJulien_2, Peppino_2
• Track 203 : Figueroism_2, BonesMcCoy_2, Lovelyunicorn_2, HanSolo_2, Papafritta_2, Convict_2, Oxtober96_2, GoingMerry_2, Ioannes_2, Raptor_2, Symere_2
• Track 204 : Agente005_2
• Track 205 : Tenda_2, Aubergine_2, Christoph_2, Espinosa_2, Oats_2, ManRay_2, Kale_2
• Track 206 : Hamlet_2, Balsa_2, Leafus_2
• Track 207 : FarmerDoug_2
• Track 208 : Endor_2
• Track 209 : CarisSwetlik_2
• Track 210 : MonChoix_2
• Track 211 : JasonD_2
• Track 212 : Aleyra_2
• Track 213 : Redfield_2, Schnapsidee_2
• Track 214 : Raccoon_2
• Track 215 : GardenB_2
• Track 216 : TinSulphur_2
• Track 217 : Garey24_2
• Track 218 : GoneGirl_2
• Track 219 : Pocket_2
• Track 220 : ShaiHulud_2
• Track 221 : Shee_2
• Track 222 : Knox_2
• Track 223 : Soror1_2
• Track 224 : PhillyPhantom_2
• Track 225 : Acosta_2
• Track 226 : Cidela_2, Fabyndrax_2
• Track 227 : Quartz_2
• Track 228 : Nucci_2
• Track 229 : YuuY_2
• Track 230 : HairyMan_2
• Track 231 : Carostasia_2
• Track 232 : Mandalorian_2
• Track 233 : MiniVolent_2
• Track 234 : Juanyo_2
• Track 235 : HerculesXL_2

- Track 236 : Schimmels22_2
- Track 237 : WestPM_2
- Track 238 : Penta_2
- Track 239 : Scissor2024_2
- Track 240 : Ixel_2
- Track 241 : Tinyman4_2
- Track 242 : Kavo_2
- Track 243 : Eleri_2
- Track 244 : ColaCorta_2
- Track 245 : Finny_2
- Track 246 : ChikPic_2
- Track 247 : MCubed_2, Zenitsu_2
- Track 248 : Phanita_2
- Track 249 : Xebius_1
- Track 250 : PSirce_2
- Track 251 : Orpington_2, Shamu_2
- Track 252 : Sansa_1
- Track 253 : Glamour_1
- Track 254 : Andromedas_2
- Track 255 : Saratos_2
- Track 256 : Casey_2, Pikmin_2, Pajaza_2
- Track 257 : Golden_2, Lucky3_2
- Track 258 : Sinatra_2
- Track 259 : Guetzie_2, SirVictor_2
- Track 260 : PrincePhergus_2
- Track 261 : BouleyBill_2
- Track 262 : Koji_2
- Track 263 : Jingles_2
- Track 264 : Bustleton_2
- Track 265 : Kauala_2
- Track 266 : Pherbot_2
- Track 267 : RenegadeRaider_2
- Track 268 : Wardwill_2, BaronJohn_2, Fulton_2
- Track 269 : Zayuliv_2
- Track 270 : Hasitha_2
- Track 271 : Alakazam_2
- Track 272 : GreenIvy_2
- Track 273 : QuadZero_2
- Track 274 : Clock_2
- Track 275 : Neferthena_2
- Track 276 : Vafari_2
- Track 277 : CaptainRex_2, Librie_2
- Track 278 : Nebulous_2
- Track 279 : Zepp_2
- Track 280 : LilTerminator_2
- Track 281 : TwoBits_2
- Track 282 : Jemerald_2, Juicer_2
- Track 283 : Chepli_2
- Track 284 : KatChan_2, Luna18_2
- Track 285 : WilliamStrong_2
- Track 286 : Morrigan_2
- Track 287 : Theresita_2
- Track 288 : Schubert_2

• Track 289 : GaeCeo_2
• Track 290 : Cheeto1_2
• Track 291 : ChickenKing_2
• Track 292 : Scumberland_4
• Track 293 : Antares_4
• Track 294 : Busephilis_4
• Track 295 : Megan_10
• Track 296 : Jefe_4
• Track 297 : Merry_, Sunny_
• Track 298 : Teamocil_3, Gina_3
• Track 299 : Ganandorf_3
• Track 300 : Smarties_5, Ariadne_5
• Track 301 : Quhwah_4
• Track 302 : Glorp_3
• Track 303 : Metamorphoo_3
• Track 304 : Jayden_3
• Track 305 : Selwyn23_4
• Track 306 : Shrubaron_3
• Track 307 : Ramiel05_3, Shotgun_3, Kowalski_3
• Track 308 : BrazzalePHS_3
• Track 309 : Honeyfin_4
• Track 310 : Cranjis_3
• Track 311 : ClearAsMud_3
• Track 312 : Zapato_3
• Track 313 : Lucretia_4
• Track 314 : Jollipop_3, Piperis_3, Crisis_3, Yeti_3, Paschalis_3, Phorgeous_3, KaiHaiDragon_3, EarickHC_3
• Track 315 : PhedwardCullen_3, CrazyRich_3, Onika_3, Hermeonysus_3
• Track 316 : Rockwell_3
• Track 317 : Germa_4
• Track 318 : BeagleBug_3
• Track 319 : Tyrumbra_3
• Track 320 : PierreOrion_3
• Track 321 : NoodlelyBoi_3
• Track 322 : Nicole72_11
• Track 323 : Skugga_3
• Track 324 : SirFrank_3
• Track 325 : Savannah_3
• Track 326 : Phrancesco_4
• Track 327 : Fireman_3
• Track 328 : LittleFortune_4
• Track 329 : Pulchra_4
• Track 330 : PiperSansNom_4
• Track 331 : RobsFeet_4
• Track 332 : Matzah_4
• Track 333 : MementoMori_4
• Track 334 : Margaery_4
• Track 335 : Terij_4
• Track 336 : Cressida_4
• Track 337 : Cinna_4
• Track 338 : Kozie_5
• Track 339 : Sunshine23_2
• Track 340 : Maruru_2

• Track 341 : Mufasa8_2
• Track 342 : Sonali_2
• Track 343 : GUPitcher_1
• Track 344 : DreamEater_1
• Track 345 : Kukla_1
• Track 346 : PorkBelly_1
• Track 347 : PetriParty_1
• Track 348 : TripleJ_1
• Track 349 : Leaf_5
• Track 350 : Rasputia_5
• Track 351 : Hendrix_5
• Track 352 : Dewdrop_5
• Track 353 : FuzzBuster_6
• Track 354 : MisoSoup_4
• Track 355 : PR_02, D12_02, Megabear_2
• Track 356 : Argie_2
• Track 357 : Taptic_2
• Track 358 : GodPhather_2, Jeon_2
• Track 359 : Cepens_2
• Track 360 : Pine5_01
• Track 361 : pZL12_67c
• Track 362 : LuckyBarnes_8
• Track 363 : TPA2_09
• Track 364 : Tonitrus_13

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

The start number called the most often in the published annotations is 83, it was called in 309 of the 837 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• ABU_2, AbsoluteMadLad_2, Acadian_6, Adriana_2, Aelin_2, Aleia_2, AltPhacts_2, Altwerkus_2, Anderson_2, Andre_2, AngelCake_2, Antonia_2, Aonishiki_2, Apizium_2, Ashraf_2, Azuria_2, Badfish_2, Baee_6, Banjo_2, Basato_3, BatteryCK_2, Beaglebox_2, Bishoperium_2, BlackStallion_2, BlacksBerry_2, BlueHusk_2, Bluephacebaby_2, Boehler_2, BoogieWoogie_2, Brilliant_2, Buckeye_2, Burr_2, CamL_2, CampRoach_2, Cannibal_2, Carthage_2, Caspiboi_2, Chaelin_2, Chah_2, Charles1_2, CharlieGBrown_2, CheetO_2, Cher_2, Childish_2, Chipette_3, Chorkpop_2, Chuni_2, Chunky_2, Chute_2, Cobra_2, Colbert_2, Coletti_2, Cornbread_2, Cornobble_2, Cosmolli16_2, Craff_2, Crownjwl_3, DaddyDaniels_2, Daffy_2, Daka_2, Dati_2, DelRivs_2, Derpp_2, Dice_2, DigitDog_6, Dingo_2, Dione_2, DirtJuice_2, Doddsville_2, DoesntMatter_2, DolOn_3, DonSanchon_2, Donny_6, DuchessDung_2, Duggie_2, Durga_2, EastView9101_6, ElvisPhasley_2, EmGer13_2, Emiris_2, EmpTee_2, Eremos_2, Etaye_2, Eugenia_2, Fang_2, Flake_2, FleetyMac_2, FluffyNinja_2, Fozzie_2, Frankicide_2, FremontTroll_2, Freya_2, FriarPreacher_2, Fringe_2, FugateOSU_2, Gareth_2, GeneCoco_2, Giraffe_2, Gophee_2, Grand2040_2, GreenChile_2, Gwennie1_2, Gwilliam_2, Gyarad_002, HSavage_2, Haimas_2, Haleema_2, Hamish_2, Happabalu_2, Hartsy_2, Harvey_2, Hekos_2, Held_2, HenryJackson_2, Hertubise_2, Hetaeria_2, HighStump_2, Hocus_2, HogWash_2, Horchata_2, ImtiyazSitla_2, Inchworm_2,

Inverness_2, Iridessa_2, Iridoclysis_2, IsaacEli_2, JDog_2, JacAttac_2, JakeO_2, JangoPhett_2, Jbug01_2, Jesabah_2, Jillium_2, Jiminy_2, Jiraiya_2, KLucky39_2, Kahve_2, Kailash_2, KarasumaRum_6, Karn_2, Katniss_2, Keitherie_2, Khan1_2, Kikipoo_2, Kimbrough_2, KingTut_2, KingVeVeVe_2, Kiwot_2, KlimbOn_2, Kloppinator_2, Kwadwo_2, Kwksand96_2, Labeouficaum_2, Larson_2, LasagnaCat_2, Lasso_2, LeeLot_2, Lego3393_2, Legolas_2, Lehmann_2, LeiMonet_2, LemonSlice_2, LilMcDreamy_6, Longacauda_2, Lopsy_2, LostAndPhound_2, LuckyMarjie_2, Lulumae_2, Lulwa_2, Lumine_2, MRabcd_2, Mag7_2, Magic8_2, Mana_2, Manad_2, Maru_2, Maskar_2, Matalotodo_2, Mcshane_2, Mecca_2, Megamind20_2, Megatron_2, Melc17_2, MelsMeow_2, Mesh1_2, Mesmerelda_2, MichaelPhcott_2, Mikota_2, MiniBoss_2, MitKao_2, Morgushi_2, Morty_2, Mosaic_2, MrPhizzler_2, Mulan_2, Murdoc_2, Mutante_2, Mysterious_6, Nacho_002, Nangang_6, Nathan_2, Nehemiah_5, Nehme_2, Newman_2, NiaNia_2, Nicole21_2, Nova1_2, Numberten_2, Nyala_2, OSmaximus_2, Olak_2, Oline_2, Olive_2, OliverWalter_2, Omniscient_2, OneBrain_2, Oosterbaan_2, Orfeu_2, Orion_2, Orwigg_2, PG1_2, Pacifista_2, PallasAthena_2, Phamished_2, Phareon_2, PhatCats2014_2, PhatLouie_2, Phelemich_6, PhenghisKhan_2, Pherdinand_2, Phergie_2, Phipps_2, Phleuron_2, PhrankReynolds_2, PhrodoBaggins_2, Phunky_2, Piglet_002, PinheadLarry_2, Pinkman_2, Pipsqueak_2, Placalicious_2, Plata_2, Plmatters_2, Podrick_2, Pops_2, Potter_2, Prickles_2, ProfessorX_2, Puhltonio_2, QueenBeane_2, Quisquiliae_2, Reccee_7, RedMaple_2, RedRaider89_3, Reprobate_6, Rich_6, Ricotta_2, Riggan_2, Rimu_2, Rita130_6, Riverton_2, Robyn_2, Roliet_2, Roscoe_3, Roy17_2, SDcharge11_2, Salazzle_2, SallyH_2, Samaymay_2, SassyCat97_2, Schadenfreude_2, Schueller_2, Scoot17C_2, Scrick_2, Selr12_2, Septica_2, Serendipitous_6, Serendipity_2, Serpentine_002, ShadowBud_2, Sheila_2, Shenyu_6, ShiVal_2, Sigman_2, SilverBell_2, Simielle_2, SirBeauregard_2, SirJeffery_6, Skippy_2, Slatt_2, Soile_2, Solosis_2, Sophia_2, Soto_2, Spartan300_2, Squid_2, Squiggle_2, StinkyVeggy_6, Struggle_2, Suffolk_2, Suigeneris_6, Surely_2, Swiphy_2, Swish_2, TallGrassMM_2, Taraxa_2, Telesworld_2, Thora_2, ThreeOh3D2_2, Thunderbird_2, Timmi_2, TomBombadil_2, Tomlarah_2, Toni_2, TooFast2Furius_3, Tooj_2, Triad_2, True_2, Trypo_2, TyrionL_2, UAch1_2, UncleHowie_2, Usavi_2, Vaishali24_2, Valjean_2, Vaticameos_2, Vectra_2, Veritas_2, Virapocalypse_2, Virgeve_2, Vista_2, Vivaldi_2, Vortex_2, Wallhey_2, Waterdiva_2, Weher20_2, Windsor_2, Xavier_2, Yoshand_2, YouGoGlencoco_2, Zaider_3, Zelda_2, Zonia_2,

Genes that have the "Most Annotated" start but do not call it:
•

Genes that do not have the "Most Annotated" start:
• 39HC_04, 40BC_04, Abinghost_6, Acosta_2, Agente005_2, Ahwei_4, Ailee_2, Akoma_6, AksarBAT_4, Alakazam_2, AlexAdler_2, Aleyra_2, Allegro_7, Alyxandracam_2, Amo99_2, AnClar_4, AnarQue_6, Andromedas_2, Anilorac_2, Antares_4, Antihero_4, Antoinette_2, Apex_5, AranulaLuti_2, Arbiter_7, Ares_7, Argie_2, Ariadne_5, Arri_5, Ashertheman_2, Asta_2, Aubergine_2, Audrey_6, Austelle_5, AxiPup_2, Axumite_4, Baddon_2, Baines_2, Bakery_6, Baloo_6, Balsa_2, Bananafish_7, Bandik_2, Barb_5, BaronJohn_2, Barsten_2, Baumdotcom_2, BeagleBug_3, BeautPeep30_2, BeeBee8_2, Belphegor_2, Ben11_5, Benjalauren_2, Bernardo_6, Bibwit_2, BigHunkinEater_2, BigRedClifford_2, BiggityBass_4, BirdsNest_8, Bizzy_2, Blackpen_6, Blage_2, Blocker23_7, BobRoss2024_4, BobbyK_5, BonesMcCoy_2, Bonino_2, BouleyBill_2, Boyle_7, Brandonk123_2, Brawn1_2, BrazzalePHS_3, BrownCNA_5, Brownie5_7, Busephilis_4, Bustleton_2,

Byron23_2, CRB2_8, CaiB_6, Calamitous_7, Calix_2, CaptainRex_2, CarisSwetlik_2, Carostasia_2, Casbah_5, Casey_2, Caterpie_2, Causa_11, Cepens_2, ChaChing_6, ChadMasterC_2, Chako_2, Chamuel_2, CharlottesWeb_4, Cheeto1_2, Chentzyk_5, Chepli_2, CherryCola_5, Chickadee_2, ChickenKing_2, ChikPic_2, ChrisnMich_4, Christoph_2, Cidela_2, Cinna_4, ClamChowder_5, Clancy_2, Clawz_2, ClearAsMud_3, Clock_2, CloverMinnie_6, Coco2012_4, Coffee_7, ColaCorta_2, ColdSoup_2, Coldpizza_7, Compostia_6, Convict_2, Cooper_4, CoraRita_2, Corofin_6, CoveyB_5, Cranjis_3, CrazyRich_3, Cressida_4, Crisis_3, D12_02, Daisy_6, Danyall_5, Dave_2, Delphidian_2, Den3_2, Derg_2, Devonte_6, Dewdrop_5, Dexdert_2, DonTron_2, Dori_3, Dothraki_2, DreamEater_1, Duocatuli_2, EMoore_2, Eaglehorse_7, EarickHC_3, EdmundFerry_2, Egi03_5, Eleri_2, Endor_2, Epah_4, Erla_2, Espinosa_2, Etna_2, Etta_2, Evaa_6, Evamon_5, Exploradora_2, Fabyndrax_2, Fanaw_5, FarmerDoug_2, Faze9_7, FelixTres_7, Figueroism_2, Finny_2, Fireball_5, Fireman_3, Fitzgerald_2, Flatwoods_2, ForDig_4, Fortunato_4, Frederick_5, FrenchFry_7, Fresco_4, FuegoCuervo_2, Fugax_5, Fulton_2, Funsized_9, FuzzBuster_6, GTE6_2, GUPitcher_1, Gadjet_6, GaeCeo_2, Gaea_2, Galadriel_2, Ganandorf_3, GardenB_2, Garey24_2, Gargoyle_2, Gelo_2, Geodirt_2, Germa_4, Gershwin_2, Gervas_6, Gezellig_5, GinPorsche_4, Gina_3, Glamour_1, Glass_7, GlenHope_6, Glorp_3, Glubnar_6, GodPhather_2, Godines_7, GoingMerry_2, Golden_2, GoneGirl_2, GreenIvy_2, Greys_2, Grumio_2, Gubbabump_2, Guetzie_2, Gustavo_2, HairyMan_2, Halfpint_5, Hally898_4, Halo3_5, Hamlet_2, HanSolo_2, Hangman_5, HankSprout_2, Hans_2, HarveySr_6, Hashim76_8, Hasitha_2, HavenFinLeoSun_2, Heath_5, Heathcliff_6, Hedgerow_7, Hendrix_5, HerculesXL_2, Hermeonysus_3, Holeinone_7, Honeyfin_4, Hosp_02, HungryHenry_2, Hydro_5, Ilzat_2, Imvubu_2, Indlovu_6, Inspectinfecti_2, Inventa_2, Ioannes_2, ItsyBitsy1_7, Ixel_2, JAMaL_5, JKSyngboy_2, Jabberwocky_2, Jackstina_5, JaguarMi_5, Jambalaya_5, Janus167_2, JasonD_2, JasperRussell_2, Jayden_3, Jefe_4, JellyBelly_4, Jemerald_2, Jenos_2, Jeon_2, Jerbirus_2, JeriBeth_2, Jingles_2, JohnLord_2, JohnPork_5, Jolie1_04, Jollipop_3, Jollymon_2, JoyceMaria_5, Juanyo_2, Juicer_2, KaiHaiDragon_3, Kale_2, Kaleb_7, Kamashten_2, Kamiyu_6, KannH_2, KatChan_2, Kauala_2, Kavo_2, KayaCho_4, KellyGreen_2, Kewpiedoll_2, Kheth_7, KimmyK_5, KingJulien_2, KingstonB_2, Klimt_2, Knocker_10, Knox_2, Koji_2, Kolhan_7, Kouch_2, Kowalski_3, Kozie_5, Kroos_2, Kukla_1, Kurt1_2, Kwekel_2, Kwobi_2, Lambano_4, Lars_7, Laurie_7, Leaf_5, Leafus_2, Lennon_2, Leonard_2, Lephleur_7, LestyG_6, Librie_2, Ligma_4, LilHam_2, LilSmirk_7, LilTerminator_2, Lilbeanie_2, LittleDigger_5, LittleFortune_4, LittleMinkey_8, LittleMunchkin_6, LizLemon_7, Lolalove_5, Love_2, Lovelyunicorn_2, Lucky3_2, LuckyBarnes_8, Lucretia_4, Ludgate_2, Luna18_2, MCubed_2, MaeLinda_2, Magpie_5, Makar_2, MakoManhole_6, ManRay_2, Mandalorian_2, Mao1_2, Margaery_4, Mariokart_4, Marlia_6, Martin_3, Maruru_2, Mask_2, MasterPo_7, Matzah_4, McCrothy_2, McGalleon_2, McKinley_2, Megabear_2, Megan_10, MelBins_2, MementoMori_4, Mercedes_2, Merida02_2, Merry_, Metamorphoo_3, MillyPhilly_2, MiniVolent_2, Minnow_4, MisoSoup_4, Mithril_5, MmasiCarm_6, MonChoix_2, MoontowerMania_2, Morrigan_2, MossRose_6, MrWorldwide_2, Mudslide_5, Mufasa8_2, Mulaychimus_6, Mutzi_5, NHagos_4, Nagem_2, Nanao_4, Nattles_2, Nebulous_2, Neferthena_2, NickSell_2, Nicole72_11, Nigel_4, NoodlelyBoi_3, Nubi_5, Nucci_2, Oats_2, Obutu_6, OldNelly_2, Olivio_5, Onika_3, Opia_7, OrangeOswald_6, Orpington_2, Oxtober96_2, PR_02, PSirce_2, Pajaza_2, Papafritta_2, Paries_2, ParleG_2, Paschalis_3, Peep_2, PenguinLover67_8, Penta_2, Peppino_2, PetriParty_1, Phaedrus_5, Phanita_2, Phantasmagoria_7, Phauci_2, Phayeta_5, PhedwardCullen_3, Pherbot_2, Pherferi_2, Phiderman_2, PhillyPhantom_2, Philly_5, Phinally_2, Phireproof_2, Phlop_5, Phorgeous_3, Phrancesco_4, PhredFlintston_2, Phriends_2, PierreOrion_3,

Pikmin_2, Pine5_01, PinkCoffee_5, PiperSansNom_4, Piperis_3, Pocket_2, PorkBelly_1, Portcullis_5, Poster_4, PrinceCharming_7, PrincePhergus_2, Prince_5, Pulchra_4, PullumCavea_5, Pumpkiney_2, PuppyEggo_2, Purplicious_2, QuadZero_2, Quartz_2, Quesadilla_8, Quhwah_4, Qyrzula_7, Raccoon_2, RagingRooster_6, Ramiel05_3, Rapheph_2, Raptor_2, Rasputia_5, RawrgerThat_5, Redfield_2, RenegadeRaider_2, Renkei_5, Renzie_2, Rhinoforte_7, Ribeye_2, Rinkes_9, Rita1961_6, RiverRaider_2, Riyhil_2, RoadKill_2, Robinson_2, RobsFeet_4, Rockwell_3, Rog141_2, RogerDodger_5, Rosebush_7, RosieMae_2, SJay_2, Sabella_7, Saguaro_8, Salvador_5, Sanjuju_2, Sansa_1, Saratos_2, Saronaya_2, Savannah_3, Savbucketdawg_5, Schimmels22_2, Schnapsidee_2, SchottB_2, Schubert_2, Scissor2024_2, Scumberland_4, Sedgewig_2, Sejanus_2, Selwyn23_4, Sendy_5, ShaiHulud_2, Shamu_2, Shatter_4, Shee_2, Shenandoah_6, Shinji_5, Shivanishola_2, Shotgun_3, Shrubaron_3, Sinatra_2, SirFrank_3, SirVictor_2, Sisko_4, Sitar_2, Sixsevenium_6, Skugga_3, Smarties_5, SmokingBunny_5, SoilGremlin_2, SolidSnake_2, SonOfLevi_2, Sonali_2, Soos_2, Soror1_2, Sour_8, StAugustine_10, Stanktossa_2, Stichling_2, Stillion_2, StingRay_2, Sting_2, Stinger_4, StirfryIV_2, Stormbreaker8_2, StorminNorm_2, Strathdee_2, Stultus_2, Sunny_, Sunshine23_2, Superfresh_2, SwainyDoc_6, Symere_2, SynergyX_6, TA17A_7, TPA2_09, Tangerine_2, Taptic_2, Tardus_2, TatarkaPM_2, Teagan_2, Teamocil_3, TeddyBear_2, Tenda_2, Terij_4, Theresita_2, Thing3_2, Thompsone_2, Thonko_1, Thorongil_2, Tiamoceli_2, TillyBobJoe_5, TinSulphur_2, Tinciduntsolum_8, TinyTerror_6, Tinyman4_2, Togo_5, Tonitrus_13, TraderJ_6, Tres_7, TripleJ_1, Twister6_5, TwoBits_2, Twonlo_2, Tycho_2, Tyrumbra_3, Vafari_2, Valary_5, VanDeWege_5, Velene_2, Vic9_00007, VioletZ_5, Vispistious_2, Waleliano_5, Wardwill_2, West99_7, WestPM_2, WildNOut_2, WilliamStrong_2, Winzigespinne_2, Wizard_5, Wooper_6, Xebius_1, Xincheng_5, Yago84_4, Yahalom_6, Yeshua_6, Yeti_3, Yinz_6, YorkOnyx_2, YuuY_2, Zada_2, Zapato_3, Zayuliv_2, Zemanar_5, Zenitsu_2, Zenteno07_8, Zepp_2, Zitch_1, pZL12_67c,

Summary by start number:

Start 49:
• Found in 1 of 939 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 837
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Imvubu_2 (B10),

Start 62:
• Found in 1 of 939 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 837
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Knocker_10 (B9),

Start 64:
• Found in 40 of 939 (4.3%) of genes in pham
• Manual Annotations of this start: 4 of 837
• Called 10.0% of time when present
• Phage (with cluster) where this start called: Akoma_6 (B3), Gadjet_6 (B3), Heathcliff_6 (B3), Kamiyu_6 (B3),

Start 66:
• Found in 1 of 939 (0.1%) of genes in pham

• Manual Annotations of this start: 1 of 837
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Thonko_1 (B8),

Start 69:
• Found in 11 of 939 (1.2%) of genes in pham
• Manual Annotations of this start: 4 of 837
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Ahwei_4 (B4), Antihero_4 (B4), ChrisnMich_4 (B4), Epah_4 (B4), GinPorsche_4 (B4), Hally898_4 (B4), Lambano_4 (B4), LittleDigger_5 (B4), Nanao_4 (B4), Poster_4 (B4), Renkei_5 (B4),

Start 70:
• Found in 41 of 939 (4.4%) of genes in pham
• Manual Annotations of this start: 34 of 837
• Called 87.8% of time when present
• Phage (with cluster) where this start called: Abinghost_6 (B3), Audrey_6 (B3), Baloo_6 (B3), Ben11_5 (B3), Bernardo_6 (B3), Casbah_5 (B3), ChaChing_6 (B3), Chentzyk_5 (B3), Compostia_6 (B3), Corofin_6 (B3), Daisy_6 (B3), Devonte_6 (B3), Gervas_6 (B3), GlenHope_6 (B3), Glubnar_6 (B3), Halfpint_5 (B3), HarveySr_6 (B3), Jackstina_5 (B3), LestyG_6 (B3), Marlia_6 (B3), MmasiCarm_6 (B3), Mulaychimus_6 (B3), Obutu_6 (B3), Olivio_5 (B3), OrangeOswald_6 (B3), Phaedrus_5 (B3), Phayeta_5 (B3), Philly_5 (B3), RagingRooster_6 (B3), Rita1961_6 (B3), Shenandoah_6 (B3), SwainyDoc_6 (B3), SynergyX_6 (B3), TinyTerror_6 (B3), Yahalom_6 (B3), Yinz_6 (B3),

Start 71:
• Found in 2 of 939 (0.2%) of genes in pham
• Manual Annotations of this start: 2 of 837
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Funsized_9 (B9), Rinkes_9 (B9),

Start 72:
• Found in 2 of 939 (0.2%) of genes in pham
• Manual Annotations of this start: 1 of 837
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Sour_8 (DR),

Start 73:
• Found in 4 of 939 (0.4%) of genes in pham
• Manual Annotations of this start: 3 of 837
• Called 75.0% of time when present
• Phage (with cluster) where this start called: BirdsNest_8 (B13), Hashim76_8 (B13), Zenteno07_8 (B13),

Start 75:
• Found in 2 of 939 (0.2%) of genes in pham
• Manual Annotations of this start: 1 of 837
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Stinger_4 (B4),

Start 76:
• Found in 12 of 939 (1.3%) of genes in pham

• Manual Annotations of this start: 10 of 837
• Called 100.0% of time when present
• Phage (with cluster) where this start called: AnClar_4 (DR), Axumite_4 (DR), BiggityBass_4 (DR), CharlottesWeb_4 (DR), Coco2012_4 (DR), Fresco_4 (DR), JellyBelly_4 (DR), Ligma_4 (DR), Mariokart_4 (DR), Shatter_4 (DR), Sisko_4 (DR), Yago84_4 (DR),

Start 80:
• Found in 34 of 939 (3.6%) of genes in pham
• Manual Annotations of this start: 25 of 837
• Called 97.1% of time when present
• Phage (with cluster) where this start called: 39HC_04 (B6), 40BC_04 (B6), Apex_5 (B4), Austelle_5 (B4), BobbyK_5 (B4), BrownCNA_5 (B4), Cooper_4 (B4), Fanaw_5 (B4), ForDig_4 (B6), Fortunato_4 (B4), Frederick_5 (B4), Hangman_5 (B4), Heath_5 (B4), Hendrix_5 (GC), Hosp_02 (B6), Hydro_5 (B4), JAMaL_5 (B4), JaguarMi_5 (B4), Jolie1_04 (B6), JoyceMaria_5 (B4), KayaCho_4 (B6), Lolalove_5 (B4), Magpie_5 (B4), Minnow_4 (B6), Mithril_5 (B4), Mudslide_5 (B4), Nigel_4 (B4), Prince_5 (B4), RawrgerThat_5 (B4), VioletZ_5 (B4), Waleliano_5 (B4), Xincheng_5 (B4), Zemanar_5 (B4),

Start 81:
• Found in 1 of 939 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 837
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Yeshua_6 (DR),

Start 82:
• Found in 51 of 939 (5.4%) of genes in pham
• Manual Annotations of this start: 9 of 837
• Called 19.6% of time when present
• Phage (with cluster) where this start called: AnarQue_6 (DR), CRB2_8 (B9), CaiB_6 (DR), CloverMinnie_6 (DR), FelixTres_7 (DR), MakoManhole_6 (DR), MossRose_6 (DR), Quesadilla_8 (B9), TraderJ_6 (DR), Wooper_6 (DR),

Start 83:
• Found in 343 of 939 (36.5%) of genes in pham
• Manual Annotations of this start: 309 of 837
• Called 100.0% of time when present
• Phage (with cluster) where this start called: ABU_2 (B1), AbsoluteMadLad_2 (B1), Acadian_6 (B5), Adriana_2 (B1), Aelin_2 (B1), Aleia_2 (B1), AltPhacts_2 (B1), Altwerkus_2 (B1), Anderson_2 (B1), Andre_2 (B1), AngelCake_2 (B1), Antonia_2 (B1), Aonishiki_2 (B1), Apizium_2 (B1), Ashraf_2 (B1), Azuria_2 (B1), Badfish_2 (B1), Baee_6 (B5), Banjo_2 (B1), Basato_3 (B1), BatteryCK_2 (B1), Beaglebox_2 (B1), Bishoperium_2 (B1), BlackStallion_2 (B1), BlacksBerry_2 (B1), BlueHusk_2 (B1), Bluephacebaby_2 (B1), Boehler_2 (B1), BoogieWoogie_2 (B1), Brilliant_2 (B1), Buckeye_2 (B1), Burr_2 (B1), CamL_2 (B1), CampRoach_2 (B1), Cannibal_2 (B1), Carthage_2 (B1), Caspiboi_2 (B1), Chaelin_2 (B1), Chah_2 (B1), Charles1_2 (B1), CharlieGBrown_2 (B1), CheetO_2 (B1), Cher_2 (B1), Childish_2 (B1), Chipette_3 (B1), Chorkpop_2 (B1), Chuni_2 (B1), Chunky_2 (B1), Chute_2 (B1), Cobra_2 (B1), Colbert_2 (B1), Coletti_2 (B1), Cornbread_2 (B1), Cornobble_2 (B1), Cosmolli16_2 (B1), Craff_2 (B1), Crownjwl_3 (B1), DaddyDaniels_2 (B1), Daffy_2 (B1), Daka_2 (B1), Dati_2 (B1), DelRivs_2 (B1), Derpp_2 (B1), Dice_2 (B1), DigitDog_6 (B5), Dingo_2 (B1), Dione_2 (B1), DirtJuice_2 (B1), Doddsville_2 (B1), DoesntMatter_2

(B1), DolOn_3 (B1), DonSanchon_2 (B1), Donny_6 (B5), DuchessDung_2 (B1), Duggie_2 (B1), Durga_2 (B1), EastView9101_6 (B5), ElvisPhasley_2 (B1), EmGer13_2 (B1), Emiris_2 (B1), EmpTee_2 (B1), Eremos_2 (B1), Etaye_2 (B1), Eugenia_2 (B1), Fang_2 (B1), Flake_2 (B1), FleetyMac_2 (B1), FluffyNinja_2 (B1), Fozzie_2 (B1), Frankicide_2 (B1), FremontTroll_2 (B1), Freya_2 (B1), FriarPreacher_2 (B1), Fringe_2 (B1), FugateOSU_2 (B1), Gareth_2 (B1), GeneCoco_2 (B1), Giraffe_2 (B1), Gophee_2 (B1), Grand2040_2 (B1), GreenChile_2 (B1), Gwennie1_2 (B1), Gwilliam_2 (B1), Gyarad_002 (B1), HSavage_2 (B1), Haimas_2 (B1), Haleema_2 (B1), Hamish_2 (B1), Happabalu_2 (B1), Hartsy_2 (B1), Harvey_2 (B1), Hekos_2 (B1), Held_2 (B1), HenryJackson_2 (B1), Hertubise_2 (B1), Hetaeria_2 (B1), HighStump_2 (B1), Hocus_2 (B1), HogWash_2 (B1), Horchata_2 (B1), ImtiyazSitla_2 (B1), Inchworm_2 (B1), Inverness_2 (B1), Iridessa_2 (B1), Iridoclysis_2 (B1), IsaacEli_2 (B1), JDog_2 (B1), JacAttac_2 (B1), JakeO_2 (B1), JangoPhett_2 (B1), Jbug01_2 (B1), Jesabah_2 (B1), Jillium_2 (B1), Jiminy_2 (B1), Jiraiya_2 (B1), KLucky39_2 (B1), Kahve_2 (B1), Kailash_2 (B1), KarasumaRum_6 (B5), Karn_2 (B1), Katniss_2 (B1), Keitherie_2 (B1), Khan1_2 (B1), Kikipoo_2 (B1), Kimbrough_2 (B1), KingTut_2 (B1), KingVeVeVe_2 (B1), Kiwot_2 (B1), KlimbOn_2 (B1), Kloppinator_2 (B1), Kwadwo_2 (B1), Kwksand96_2 (B1), Labeouficaum_2 (B1), Larson_2 (B1), LasagnaCat_2 (B1), Lasso_2 (B1), LeeLot_2 (B1), Lego3393_2 (B1), Legolas_2 (B1), Lehmann_2 (B1), LeiMonet_2 (B1), LemonSlice_2 (B1), LilMcDreamy_6 (B12), Longacauda_2 (B1), Lopsy_2 (B1), LostAndPhound_2 (B1), LuckyMarjie_2 (B1), Lulumae_2 (B1), Lulwa_2 (B1), Lumine_2 (B1), MRabcd_2 (B1), Mag7_2 (B1), Magic8_2 (B1), Mana_2 (B1), Manad_2 (B1), Maru_2 (B1), Maskar_2 (B1), Matalotodo_2 (B1), Mcshane_2 (B1), Mecca_2 (B1), Megamind20_2 (B1), Megatron_2 (B1), Melc17_2 (B1), MelsMeow_2 (B1), Mesh1_2 (B1), Mesmerelda_2 (B1), MichaelPhcott_2 (B1), Mikota_2 (B1), MiniBoss_2 (B1), MitKao_2 (B1), Morgushi_2 (B1), Morty_2 (B1), Mosaic_2 (B1), MrPhizzler_2 (B1), Mulan_2 (B1), Murdoc_2 (B1), Mutante_2 (B1), Mysterious_6 (B5), Nacho_002 (B1), Nangang_6 (B5), Nathan_2 (B1), Nehemiah_5 (B5), Nehme_2 (B1), Newman_2 (B1), NiaNia_2 (B1), Nicole21_2 (B1), Nova1_2 (B1), Numberten_2 (B1), Nyala_2 (B1), OSmaximus_2 (B1), Olak_2 (B1), Oline_2 (B1), Olive_2 (B1), OliverWalter_2 (B1), Omniscient_2 (B1), OneBrain_2 (B1), Oosterbaan_2 (B1), Orfeu_2 (B1), Orion_2 (B1), Orwigg_2 (B1), PG1_2 (B1), Pacifista_2 (B1), PallasAthena_2 (B1), Phamished_2 (B1), Phareon_2 (B1), PhatCats2014_2 (B1), PhatLouie_2 (B1), Phelemich_6 (B5), PhenghisKhan_2 (B1), Pherdinand_2 (B1), Phergie_2 (B1), Phipps_2 (B1), Phleuron_2 (B1), PhrankReynolds_2 (B1), PhrodoBaggins_2 (B1), Phunky_2 (B1), Piglet_002 (B1), PinheadLarry_2 (B1), Pinkman_2 (B1), Pipsqueak_2 (B1), Placalicious_2 (B1), Plata_2 (B1), Plmatters_2 (B1), Podrick_2 (B1), Pops_2 (B1), Potter_2 (B1), Prickles_2 (B1), ProfessorX_2 (B1), Puhltonio_2 (B1), QueenBeane_2 (B1), Quisquiliae_2 (B1), Reccee_7 (B5), RedMaple_2 (B1), RedRaider89_3 (B1), Reprobate_6 (B5), Rich_6 (B5), Ricotta_2 (B1), Riggan_2 (B1), Rimu_2 (B1), Rita130_6 (B5), Riverton_2 (B1), Robyn_2 (B1), Roliet_2 (B1), Roscoe_3 (B1), Roy17_2 (B1), SDcharge11_2 (B1), Salazzle_2 (B1), SallyH_2 (B1), Samaymay_2 (B1), SassyCat97_2 (B1), Schadenfreude_2 (B1), Schueller_2 (B1), Scoot17C_2 (B1), Scrick_2 (B1), Selr12_2 (B1), Septica_2 (B1), Serendipitous_6 (B5), Serendipity_2 (B1), Serpentine_002 (B1), ShadowBud_2 (B1), Sheila_2 (B1), Shenyu_6 (B5), ShiVal_2 (B1), Sigman_2 (B1), SilverBell_2 (B1), Simielle_2 (B1), SirBeauregard_2 (B1), SirJeffery_6 (B5), Skippy_2 (B1), Slatt_2 (B1), Soile_2 (B1), Solosis_2 (B1), Sophia_2 (B1), Soto_2 (B1), Spartan300_2 (B1), Squid_2 (B1), Squiggle_2 (B1), StinkyVeggy_6 (B5), Struggle_2 (B1), Suffolk_2 (B1), Suigeneris_6 (B5), Surely_2 (B1), Swiphy_2 (B1), Swish_2 (B1), TallGrassMM_2 (B1), Taraxa_2 (B1), Telesworld_2 (B1), Thora_2 (B1), ThreeOh3D2_2 (B1), Thunderbird_2 (B1), Timmi_2 (B1), TomBombadil_2 (B1), Tomlarah_2 (B1), Toni_2 (B1),

TooFast2Furius_3 (B1), Tooj_2 (B1), Triad_2 (B1), True_2 (B1), Trypo_2 (B1), TyrionL_2 (B1), UAch1_2 (B1), UncleHowie_2 (B1), Usavi_2 (B1), Vaishali24_2 (B1), Valjean_2 (B1), Vaticameos_2 (B1), Vectra_2 (B1), Veritas_2 (B1), Virapocalypse_2 (B1), Virgeve_2 (B1), Vista_2 (B1), Vivaldi_2 (B1), Vortex_2 (B1), Wallhey_2 (B1), Waterdiva_2 (B1), Weher20_2 (B1), Windsor_2 (B1), Xavier_2 (B1), Yoshand_2 (B1), YouGoGlencoco_2 (B1), Zaider_3 (B1), Zelda_2 (B1), Zonia_2 (B1),

Start 84:
• Found in 3 of 939 (0.3%) of genes in pham
• Manual Annotations of this start: 1 of 837
• Called 33.3% of time when present
• Phage (with cluster) where this start called: LittleMunchkin_6 (DR),

Start 87:
• Found in 1 of 939 (0.1%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: BobRoss2024_4 (DR),

Start 88:
• Found in 1 of 939 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 837
• Called 100.0% of time when present
• Phage (with cluster) where this start called: PenguinLover67_8 (B9),

Start 89:
• Found in 2 of 939 (0.2%) of genes in pham
• Manual Annotations of this start: 1 of 837
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Dewdrop_5 (GC),

Start 90:
• Found in 1 of 939 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 837
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Rasputia_5 (GC),

Start 91:
• Found in 12 of 939 (1.3%) of genes in pham
• Manual Annotations of this start: 1 of 837
• Called 16.7% of time when present
• Phage (with cluster) where this start called: Blackpen_6 (DR), Leaf_5 (GC),

Start 92:
• Found in 2 of 939 (0.2%) of genes in pham
• Manual Annotations of this start: 2 of 837
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Indlovu_6 (B11), Saguaro_8 (B7),

Start 94:
• Found in 2 of 939 (0.2%) of genes in pham
• Manual Annotations of this start: 2 of 837
• Called 100.0% of time when present

• Phage (with cluster) where this start called: Coldpizza_7 (DR), Evaa_6 (DR),

Start 95:
• Found in 11 of 939 (1.2%) of genes in pham
• No Manual Annotations of this start.
• Called 9.1% of time when present
• Phage (with cluster) where this start called: Pine5_01 (singleton),

Start 98:
• Found in 3 of 939 (0.3%) of genes in pham
• Manual Annotations of this start: 2 of 837
• Called 66.7% of time when present
• Phage (with cluster) where this start called: Causa_11 (AI), StAugustine_10 (AI),

Start 101:
• Found in 47 of 939 (5.0%) of genes in pham
• Manual Annotations of this start: 6 of 837
• Called 12.8% of time when present
• Phage (with cluster) where this start called: Ares_7 (B2), Brownie5_7 (B2), Laurie_7 (B2), Qyrzula_7 (B2), TA17A_7 (B2), Tinciduntsolum_8 (B2),

Start 103:
• Found in 2 of 939 (0.2%) of genes in pham
• Manual Annotations of this start: 1 of 837
• Called 100.0% of time when present
• Phage (with cluster) where this start called: AksarBAT_4 (DR), NHagos_4 (DR),

Start 105:
• Found in 38 of 939 (4.0%) of genes in pham
• Manual Annotations of this start: 31 of 837
• Called 84.2% of time when present
• Phage (with cluster) where this start called: Allegro_7 (B2), Arbiter_7 (B2), Bananafish_7 (B2), Blocker23_7 (B2), Boyle_7 (B2), Calamitous_7 (B2), Coffee_7 (B2), Eaglehorse_7 (B2), Faze9_7 (B2), FrenchFry_7 (B2), Glass_7 (B2), Godines_7 (B2), Hedgerow_7 (B2), Holeinone_7 (B2), ItsyBitsy1_7 (B2), Kaleb_7 (B2), Kheth_7 (B2), Kolhan_7 (B2), Lars_7 (B2), Lephleur_7 (B2), LilSmirk_7 (B2), LizLemon_7 (B2), MasterPo_7 (B2), Opia_7 (B2), Phantasmagoria_7 (B2), PrinceCharming_7 (B2), Rhinoforte_7 (B2), Rosebush_7 (B2), Sabella_7 (B2), Tres_7 (B2), Vic9_00007 (B2), West99_7 (B2),

Start 106:
• Found in 1 of 939 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 837
• Called 100.0% of time when present
• Phage (with cluster) where this start called: MisoSoup_4 (GM),

Start 109:
• Found in 1 of 939 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 837
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Kozie_5 (EI),

Start 111:

• Found in 11 of 939 (1.2%) of genes in pham
• No Manual Annotations of this start.
• Called 9.1% of time when present
• Phage (with cluster) where this start called: LittleMinkey_8 (B13),

Start 112:
• Found in 3 of 939 (0.3%) of genes in pham
• Manual Annotations of this start: 1 of 837
• Called 33.3% of time when present
• Phage (with cluster) where this start called: FuzzBuster_6 (GM),

Start 114:
• Found in 6 of 939 (0.6%) of genes in pham
• Manual Annotations of this start: 6 of 837
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Cinna_4 (EI), Cressida_4 (EI), Margaery_4 (EI), Matzah_4 (EI), MementoMori_4 (EI), Terij_4 (EI),

Start 116:
• Found in 2 of 939 (0.2%) of genes in pham
• Manual Annotations of this start: 2 of 837
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Megan_10 (EC), Nicole72_11 (EC),

Start 118:
• Found in 8 of 939 (0.9%) of genes in pham
• Manual Annotations of this start: 8 of 837
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Argie_2 (W), Cepens_2 (W), D12_02 (W), GodPhather_2 (W), Jeon_2 (W), Megabear_2 (W), PR_02 (W), Taptic_2 (W),

Start 119:
• Found in 5 of 939 (0.5%) of genes in pham
• Manual Annotations of this start: 1 of 837
• Called 40.0% of time when present
• Phage (with cluster) where this start called: JohnPork_5 (DC1), Valary_5 (DC1),

Start 120:
• Found in 12 of 939 (1.3%) of genes in pham
• Manual Annotations of this start: 7 of 837
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Amo99_2 (CP), Clawz_2 (CP), ColdSoup_2 (CP), DonTron_2 (CP), Grumio_2 (CP), Jollymon_2 (CP), KingstonB_2 (CP), Makar_2 (CP), Purplicious_2 (CP), Soos_2 (CP), Stillion_2 (CP), Sting_2 (CP),

Start 123:
• Found in 36 of 939 (3.8%) of genes in pham
• Manual Annotations of this start: 31 of 837
• Called 94.4% of time when present
• Phage (with cluster) where this start called: Arri_5 (DC1), Bakery_6 (DC1), Barb_5 (DC1), CherryCola_5 (DC1), ClamChowder_5 (DC1), CoveyB_5 (DC1), Danyall_5 (DC1), Egi03_5 (DC1), Evamon_5 (DC1), Fireball_5 (DC1), Fugax_5 (DC1), Gezellig_5 (DC1), Halo3_5 (DC1), Jambalaya_5 (DC1), KimmyK_5 (DC1),

Lilbeanie_2 (DE5), Mutzi_5 (DC1), Nubi_5 (DC1), Phlop_5 (DC1), PinkCoffee_5 (DC1), Portcullis_5 (DC1), PullumCavea_5 (DC1), RogerDodger_5 (DC1), Salvador_5 (DC1), Savbucketdawg_5 (DC1), Sendy_5 (DC1), Shinji_5 (DC1), Sixsevenium_6 (DC1), SmokingBunny_5 (DC1), TillyBobJoe_5 (DC1), Togo_5 (DC1), Twister6_5 (DC1), VanDeWege_5 (DC1), Wizard_5 (DC1),

Start 124:
• Found in 22 of 939 (2.3%) of genes in pham
• Manual Annotations of this start: 19 of 837
• Called 95.5% of time when present
• Phage (with cluster) where this start called: BeagleBug_3 (EC), Cranjis_3 (EC), CrazyRich_3 (EC), Crisis_3 (EC), EarickHC_3 (EC), Glorp_3 (EC), Hermeonysus_3 (EC), Jollipop_3 (EC), KaiHaiDragon_3 (EC), Kowalski_3 (EC), Onika_3 (EC), Paschalis_3 (EC), PhedwardCullen_3 (EC), Phorgeous_3 (EC), PierreOrion_3 (EC), Piperis_3 (EC), Ramiel05_3 (EC), Rockwell_3 (EC), Savannah_3 (EC), Shotgun_3 (EC), Yeti_3 (EC),

Start 125:
• Found in 24 of 939 (2.6%) of genes in pham
• Manual Annotations of this start: 21 of 837
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Antares_4 (EC), Ariadne_5 (EC), Busephilis_4 (EC), ClearAsMud_3 (EC), Ganandorf_3 (EC), Germa_4 (EC), Gina_3 (EC), Honeyfin_4 (EC), Jefe_4 (EC), LittleFortune_4 (EC), Lucretia_4 (EC), Merry_ (EC), NoodlelyBoi_3 (EC), Phrancesco_4 (EC), PiperSansNom_4 (EC), Pulchra_4 (EC), Quhwah_4 (EC), Scumberland_4 (EC), Selwyn23_4 (EC), SirFrank_3 (EC), Skugga_3 (EC), Smarties_5 (EC), Sunny_ (EC), Teamocil_3 (EC),

Start 127:
• Found in 18 of 939 (1.9%) of genes in pham
• Manual Annotations of this start: 5 of 837
• Called 33.3% of time when present
• Phage (with cluster) where this start called: Fireman_3 (EC), Jayden_3 (EC), Metamorphoo_3 (EC), Shrubaron_3 (EC), Tyrumbra_3 (EC), Zapato_3 (EC),

Start 128:
• Found in 8 of 939 (0.9%) of genes in pham
• Manual Annotations of this start: 7 of 837
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Chickadee_2 (DE3), Dexdert_2 (DE3), EdmundFerry_2 (DE3), GTE6_2 (DE3), Kwekel_2 (DE3), RoadKill_2 (DE3), Tiamoceli_2 (DE3), Twonlo_2 (DE3),

Start 129:
• Found in 15 of 939 (1.6%) of genes in pham
• Manual Annotations of this start: 4 of 837
• Called 33.3% of time when present
• Phage (with cluster) where this start called: BigHunkinEater_2 (DE4), Pumpkiney_2 (DE4), Tardus_2 (DE4), Tonitrus_13 (singleton), Zitch_1 (DE4),

Start 132:
• Found in 5 of 939 (0.5%) of genes in pham
• Manual Annotations of this start: 1 of 837

• Called 20.0% of time when present
• Phage (with cluster) where this start called: RobsFeet_4 (EC),

Start 134:
• Found in 62 of 939 (6.6%) of genes in pham
• Manual Annotations of this start: 8 of 837
• Called 12.9% of time when present
• Phage (with cluster) where this start called: Belphegor_2 (DE2), EMoore_2 (DE2), Hans_2 (DE2), Inspectinfecti_2 (DE2), Leonard_2 (DE2), MelBins_2 (DE2), Phauci_2 (DE2), Phinally_2 (DE2),

Start 135:
• Found in 48 of 939 (5.1%) of genes in pham
• No Manual Annotations of this start.
• Called 2.1% of time when present
• Phage (with cluster) where this start called: TPA2_09 (singleton),

Start 139:
• Found in 46 of 939 (4.9%) of genes in pham
• Manual Annotations of this start: 42 of 837
• Called 97.8% of time when present
• Phage (with cluster) where this start called: Ailee_2 (DE1), Ashertheman_2 (DE1), Baddon_2 (DE1), Barsten_2 (DE1), Baumdotcom_2 (DE1), Bibwit_2 (DE1), Bizzy_2 (DE1), Brandonk123_2 (DE1), Brawn1_2 (DE1), ChadMasterC_2 (DE1), Derg_2 (DE1), Fitzgerald_2 (DE1), Flatwoods_2 (DE1), FuegoCuervo_2 (DE1), Gaea_2 (DE1), Galadriel_2 (DE1), Geodirt_2 (DE1), Gustavo_2 (DE1), JKSyngboy_2 (DE1), Jabberwocky_2 (DE1), Kamashten_2 (DE1), Kewpiedoll_2 (DE1), Kroos_2 (DE1), Kwobi_2 (DE1), Lennon_2 (DE1), LilHam_2 (DE1), Love_2 (DE1), McCrothy_2 (DE1), McKinley_2 (DE1), MoontowerMania_2 (DE1), Paries_2 (DE1), Ribeye_2 (DE1), RiverRaider_2 (DE1), Sanjuju_2 (DE1), Saronaya_2 (DE1), SchottB_2 (DE1), Shivanishola_2 (DE1), Sitar_2 (DE1), Stichling_2 (DE1), StorminNorm_2 (DE1), Stultus_2 (DE1), Tangerine_2 (DE1), Thing3_2 (DE1), Tycho_2 (DE1), YorkOnyx_2 (DE1),

Start 144:
• Found in 42 of 939 (4.5%) of genes in pham
• Manual Annotations of this start: 1 of 837
• Called 2.4% of time when present
• Phage (with cluster) where this start called: WilliamStrong_2 (EA6),

Start 145:
• Found in 8 of 939 (0.9%) of genes in pham
• Manual Annotations of this start: 3 of 837
• Called 37.5% of time when present
• Phage (with cluster) where this start called: Clock_2 (EA5), Nebulous_2 (EA5), Neferthena_2 (EA5),

Start 147:
• Found in 13 of 939 (1.4%) of genes in pham
• Manual Annotations of this start: 12 of 837
• Called 100.0% of time when present
• Phage (with cluster) where this start called: BaronJohn_2 (EA5), CaptainRex_2 (EA5), Fulton_2 (EA5), GreenIvy_2 (EA5), Hasitha_2 (EA5), Librie_2 (EA5),

LilTerminator_2 (EA5), QuadZero_2 (EA5), TwoBits_2 (EA5), Vafari_2 (EA5), Wardwill_2 (EA5), Zayuliv_2 (EA5), Zepp_2 (EA5),

Start 150:
• Found in 6 of 939 (0.6%) of genes in pham
• Manual Annotations of this start: 4 of 837
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Caterpie_2 (AD), Dori_3 (AD), JohnLord_2 (AD), Mao1_2 (AD), Mask_2 (AD), Sejanus_2 (AD),

Start 151:
• Found in 2 of 939 (0.2%) of genes in pham
• Manual Annotations of this start: 1 of 837
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Alakazam_2 (EA5),

Start 153:
• Found in 2 of 939 (0.2%) of genes in pham
• Manual Annotations of this start: 2 of 837
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Jemerald_2 (EA6), Juicer_2 (EA6),

Start 156:
• Found in 14 of 939 (1.5%) of genes in pham
• Manual Annotations of this start: 9 of 837
• Called 78.6% of time when present
• Phage (with cluster) where this start called: DreamEater_1 (FJ), GUPitcher_1 (FJ), Kukla_1 (FJ), LuckyBarnes_8 (singleton), Maruru_2 (FG), Mufasa8_2 (FG), PetriParty_1 (FJ), PorkBelly_1 (FJ), Sonali_2 (FG), Sunshine23_2 (FG), TripleJ_1 (FJ),

Start 159:
• Found in 1 of 939 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 837
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Morrigan_2 (EA6),

Start 160:
• Found in 52 of 939 (5.5%) of genes in pham
• Manual Annotations of this start: 12 of 837
• Called 25.0% of time when present
• Phage (with cluster) where this start called: BouleyBill_2 (EA4), Bustleton_2 (EA4), Golden_2 (EA4), Guetzie_2 (EA4), Jingles_2 (EA4), Kauala_2 (EA4), Koji_2 (EA4), Lucky3_2 (EA4), Pherbot_2 (EA4), PrincePhergus_2 (EA4), RenegadeRaider_2 (EA4), Sinatra_2 (EA4), SirVictor_2 (EA4),

Start 164:
• Found in 15 of 939 (1.6%) of genes in pham
• No Manual Annotations of this start.
• Called 6.7% of time when present
• Phage (with cluster) where this start called: pZL12_67c (singleton),

Start 166:

• Found in 148 of 939 (15.8%) of genes in pham
• Manual Annotations of this start: 132 of 837
• Called 94.6% of time when present
• Phage (with cluster) where this start called: Acosta_2 (EA1), Agente005_2 (EA1), AlexAdler_2 (EA1), Aleyra_2 (EA1), Alyxandracam_2 (EA1), Anilorac_2 (EA1), Antoinette_2 (EA1), AranulaLuti_2 (EA1), Asta_2 (EA1), Aubergine_2 (EA1), AxiPup_2 (EA1), Baines_2 (EA1), Balsa_2 (EA1), Bandik_2 (EA1), BeautPeep30_2 (EA1), BeeBee8_2 (EA1), Benjalauren_2 (EA1), BigRedClifford_2 (EA1), Blage_2 (EA1), BonesMcCoy_2 (EA1), Bonino_2 (EA1), Byron23_2 (EA1), Calix_2 (EA1), CarisSwetlik_2 (EA1), Chako_2 (EA1), Chamuel_2 (EA1), Christoph_2 (EA1), Clancy_2 (EA1), Convict_2 (EA1), CoraRita_2 (EA1), Dave_2 (EA1), Delphidian_2 (EA1), Den3_2 (EA1), Dothraki_2 (EA1), Duocatuli_2 (EA1), Endor_2 (EA1), Erla_2 (EA1), Espinosa_2 (EA1), Etna_2 (EA1), Etta_2 (EA1), Exploradora_2 (EA1), FarmerDoug_2 (EA1), Figueroism_2 (EA1), GardenB_2 (EA1), Garey24_2 (EA1), Gargoyle_2 (EA1), Gelo_2 (EA1), Gershwin_2 (EA1), GoingMerry_2 (EA1), GoneGirl_2 (EA1), Greys_2 (EA1), Gubbabump_2 (EA1), Hamlet_2 (EA1), HanSolo_2 (EA1), HankSprout_2 (EA1), HavenFinLeoSun_2 (EA1), HungryHenry_2 (EA1), Ilzat_2 (EA1), Inventa_2 (EA1), Ioannes_2 (EA1), Janus167_2 (EA1), JasonD_2 (EA1), JasperRussell_2 (EA1), Jenos_2 (EA1), Jerbirus_2 (EA1), JeriBeth_2 (EA1), Kale_2 (EA1), KannH_2 (EA1), KellyGreen_2 (EA1), KingJulien_2 (EA1), Klimt_2 (EA1), Knox_2 (EA1), Kouch_2 (EA1), Kurt1_2 (EA1), Leafus_2 (EA1), Lovelyunicorn_2 (EA1), Ludgate_2 (EA1), MaeLinda_2 (EA1), ManRay_2 (EA1), Martin_3 (EA1), McGalleon_2 (EA1), Merida02_2 (EA1), MillyPhilly_2 (EA1), MonChoix_2 (EA1), MrWorldwide_2 (EA1), Nagem_2 (EA1), Nattles_2 (EA1), NickSell_2 (EA1), Oats_2 (EA1), OldNelly_2 (EA1), Oxtober96_2 (EA1), Papafritta_2 (EA1), ParleG_2 (EA1), Peep_2 (EA1), Peppino_2 (EA1), Pherferi_2 (EA1), Phiderman_2 (EA1), PhillyPhantom_2 (EA1), Phireproof_2 (EA1), PhredFlintston_2 (EA1), Phriends_2 (EA1), Pocket_2 (EA1), PuppyEggo_2 (EA1), Raccoon_2 (EA1), Rapheph_2 (EA1), Raptor_2 (EA1), Redfield_2 (EA1), Renzie_2 (EA1), Riyhil_2 (EA1), Robinson_2 (EA1), Rog141_2 (EA1), RosieMae_2 (EA1), SJay_2 (EA1), Schnapsidee_2 (EA1), Sedgewig_2 (EA1), ShaiHulud_2 (EA1), Shee_2 (EA1), SoilGremlin_2 (EA1), SolidSnake_2 (EA1), SonOfLevi_2 (EA1), Soror1_2 (EA1), Stanktossa_2 (EA1), StingRay_2 (EA1), StirfryIV_2 (EA1), Stormbreaker8_2 (EA1), Strathdee_2 (EA1), Superfresh_2 (EA1), Symere_2 (EA1), TatarkaPM_2 (EA1), Teagan_2 (EA1), TeddyBear_2 (EA1), Tenda_2 (EA1), Thompsone_2 (EA1), Thorongil_2 (EA1), TinSulphur_2 (EA1), Velene_2 (EA1), Vispistious_2 (EA1), WildNOut_2 (EA1), Winzigespinne_2 (EA1), Zada_2 (EA1),

Start 170:
• Found in 1 of 939 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 837
• Called 100.0% of time when present
• Phage (with cluster) where this start called: HairyMan_2 (EA10),

Start 171:
• Found in 8 of 939 (0.9%) of genes in pham
• Manual Annotations of this start: 5 of 837
• Called 87.5% of time when present
• Phage (with cluster) where this start called: HerculesXL_2 (EA11), Kavo_2 (EA11), Penta_2 (EA11), Schimmels22_2 (EA11), Scissor2024_2 (EA11), Tinyman4_2 (EA11), WestPM_2 (EA11),

Start 173:

• Found in 18 of 939 (1.9%) of genes in pham
• Manual Annotations of this start: 7 of 837
• Called 55.6% of time when present
• Phage (with cluster) where this start called: Carostasia_2 (EA10), Cidela_2 (EA10), Fabyndrax_2 (EA10), Ixel_2 (EA11), Mandalorian_2 (EA10), MiniVolent_2 (EA10), Nucci_2 (EA10), Quartz_2 (EA10), Schubert_2 (EA8), YuuY_2 (EA10),

Start 175:
• Found in 24 of 939 (2.6%) of genes in pham
• Manual Annotations of this start: 21 of 837
• Called 91.7% of time when present
• Phage (with cluster) where this start called: Andromedas_2 (EA2), Casey_2 (EA3), Chepli_2 (EA6), ChikPic_2 (EA2), ColaCorta_2 (EA2), Eleri_2 (EA2), Finny_2 (EA2), Glamour_1 (EA2), Juanyo_2 (EA10), KatChan_2 (EA6), Luna18_2 (EA6), MCubed_2 (EA2), Orpington_2 (EA2), PSirce_2 (EA2), Pajaza_2 (EA3), Phanita_2 (EA2), Pikmin_2 (EA3), Sansa_1 (EA2), Saratos_2 (EA2), Shamu_2 (EA2), Xebius_1 (EA2), Zenitsu_2 (EA2),

Start 176:
• Found in 1 of 939 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 837
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Mercedes_2 (EA),

Start 177:
• Found in 3 of 939 (0.3%) of genes in pham
• Manual Annotations of this start: 1 of 837
• Called 33.3% of time when present
• Phage (with cluster) where this start called: ChickenKing_2 (EA9),

Start 179:
• Found in 4 of 939 (0.4%) of genes in pham
• Manual Annotations of this start: 2 of 837
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Cheeto1_2 (EA9), GaeCeo_2 (EA9),

Start 180:
• Found in 73 of 939 (7.8%) of genes in pham
• Manual Annotations of this start: 1 of 837
• Called 1.4% of time when present
• Phage (with cluster) where this start called: BrazzalePHS_3 (EC),

Start 186:
• Found in 375 of 939 (39.9%) of genes in pham
• Manual Annotations of this start: 1 of 837
• Called 0.3% of time when present
• Phage (with cluster) where this start called: Theresita_2 (EA7),

Summary by clusters:

There are 43 clusters represented in this pham: singleton, B11, B12, B13, B10, FG, FJ, DR, EA3, EA2, DC1, EI, AD, AI, EA, EC, EA9, EA8, GC, W, EA1, GM, CP, EA5, EA4, EA7, EA6, EA11, EA10, DE1, DE2, DE3, DE4, DE5, B4, B5, B6, B7, B1, B2, B3,

B8, B9,

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

Info for manual annotations of cluster AI:
•Start number 98 was manually annotated 2 times for cluster AI.

Info for manual annotations of cluster B1:
•Start number 83 was manually annotated 297 times for cluster B1.

Info for manual annotations of cluster B10:
•Start number 49 was manually annotated 1 time for cluster B10.

Info for manual annotations of cluster B11:
•Start number 92 was manually annotated 1 time for cluster B11.

Info for manual annotations of cluster B12:
•Start number 83 was manually annotated 1 time for cluster B12.

Info for manual annotations of cluster B13:
•Start number 73 was manually annotated 3 times for cluster B13.

Info for manual annotations of cluster B2:
•Start number 101 was manually annotated 6 times for cluster B2.
•Start number 105 was manually annotated 31 times for cluster B2.

Info for manual annotations of cluster B3:
•Start number 64 was manually annotated 4 times for cluster B3.
•Start number 70 was manually annotated 34 times for cluster B3.

Info for manual annotations of cluster B4:
•Start number 69 was manually annotated 4 times for cluster B4.
•Start number 75 was manually annotated 1 time for cluster B4.
•Start number 80 was manually annotated 22 times for cluster B4.

Info for manual annotations of cluster B5:
•Start number 83 was manually annotated 11 times for cluster B5.

Info for manual annotations of cluster B6:
•Start number 80 was manually annotated 2 times for cluster B6.

Info for manual annotations of cluster B7:
•Start number 92 was manually annotated 1 time for cluster B7.

Info for manual annotations of cluster B8:
•Start number 66 was manually annotated 1 time for cluster B8.

Info for manual annotations of cluster B9:
•Start number 62 was manually annotated 1 time for cluster B9.
•Start number 71 was manually annotated 2 times for cluster B9.
•Start number 82 was manually annotated 2 times for cluster B9.
•Start number 88 was manually annotated 1 time for cluster B9.

Info for manual annotations of cluster CP:
•Start number 120 was manually annotated 7 times for cluster CP.

Info for manual annotations of cluster DC1:
•Start number 119 was manually annotated 1 time for cluster DC1.
•Start number 123 was manually annotated 30 times for cluster DC1.

Info for manual annotations of cluster DE1:
•Start number 139 was manually annotated 42 times for cluster DE1.

Info for manual annotations of cluster DE2:
•Start number 134 was manually annotated 8 times for cluster DE2.

Info for manual annotations of cluster DE3:
•Start number 128 was manually annotated 7 times for cluster DE3.

Info for manual annotations of cluster DE4:
•Start number 129 was manually annotated 3 times for cluster DE4.

Info for manual annotations of cluster DE5:
•Start number 123 was manually annotated 1 time for cluster DE5.

Info for manual annotations of cluster DR:
•Start number 72 was manually annotated 1 time for cluster DR.
•Start number 76 was manually annotated 10 times for cluster DR.
•Start number 81 was manually annotated 1 time for cluster DR.
•Start number 82 was manually annotated 7 times for cluster DR.
•Start number 84 was manually annotated 1 time for cluster DR.
•Start number 94 was manually annotated 2 times for cluster DR.
•Start number 103 was manually annotated 1 time for cluster DR.

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

Info for manual annotations of cluster EA1:
•Start number 166 was manually annotated 132 times for cluster EA1.

Info for manual annotations of cluster EA10:
•Start number 170 was manually annotated 1 time for cluster EA10.
•Start number 173 was manually annotated 5 times for cluster EA10.
•Start number 175 was manually annotated 1 time for cluster EA10.

Info for manual annotations of cluster EA11:
•Start number 171 was manually annotated 5 times for cluster EA11.
•Start number 173 was manually annotated 1 time for cluster EA11.

Info for manual annotations of cluster EA2:
•Start number 175 was manually annotated 14 times for cluster EA2.

Info for manual annotations of cluster EA3:
•Start number 175 was manually annotated 3 times for cluster EA3.

Info for manual annotations of cluster EA4:
•Start number 160 was manually annotated 12 times for cluster EA4.

Info for manual annotations of cluster EA5:
•Start number 145 was manually annotated 3 times for cluster EA5.
•Start number 147 was manually annotated 12 times for cluster EA5.
•Start number 151 was manually annotated 1 time for cluster EA5.

Info for manual annotations of cluster EA6:
•Start number 144 was manually annotated 1 time for cluster EA6.
•Start number 153 was manually annotated 2 times for cluster EA6.
•Start number 159 was manually annotated 1 time for cluster EA6.
•Start number 175 was manually annotated 3 times for cluster EA6.

Info for manual annotations of cluster EA7:
•Start number 186 was manually annotated 1 time for cluster EA7.

Info for manual annotations of cluster EA8:
•Start number 173 was manually annotated 1 time for cluster EA8.

Info for manual annotations of cluster EA9:
•Start number 177 was manually annotated 1 time for cluster EA9.
•Start number 179 was manually annotated 2 times for cluster EA9.

Info for manual annotations of cluster EC:
•Start number 116 was manually annotated 2 times for cluster EC.
•Start number 124 was manually annotated 19 times for cluster EC.
•Start number 125 was manually annotated 21 times for cluster EC.
•Start number 127 was manually annotated 5 times for cluster EC.
•Start number 132 was manually annotated 1 time for cluster EC.
•Start number 180 was manually annotated 1 time for cluster EC.

Info for manual annotations of cluster EI:
•Start number 109 was manually annotated 1 time for cluster EI.
•Start number 114 was manually annotated 6 times for cluster EI.

Info for manual annotations of cluster FG:
•Start number 156 was manually annotated 4 times for cluster FG.

Info for manual annotations of cluster FJ:
•Start number 156 was manually annotated 4 times for cluster FJ.

Info for manual annotations of cluster GC:
•Start number 80 was manually annotated 1 time for cluster GC.
•Start number 89 was manually annotated 1 time for cluster GC.
•Start number 90 was manually annotated 1 time for cluster GC.
•Start number 91 was manually annotated 1 time for cluster GC.

Info for manual annotations of cluster GM:
•Start number 106 was manually annotated 1 time for cluster GM.
•Start number 112 was manually annotated 1 time for cluster GM.

Info for manual annotations of cluster W:

•Start number 118 was manually annotated 8 times for cluster W.

Gene Information:

Gene: 39HC_04 Start: 2384, Stop: 4144, Start Num: 80
Candidate Starts for 39HC_04:
(Start: 80 @2384 has 25 MA's), (162, 2543), (165, 2549), (200, 2645), (211, 2690), (221, 2729), (226, 2765), (249, 2858), (257, 2891), (264, 2918), (278, 2999), (279, 3002), (286, 3050), (291, 3077), (292, 3080), (296, 3113), (299, 3134), (303, 3167), (343, 3332), (358, 3377), (387, 3491), (391, 3506), (394, 3515), (412, 3575), (414, 3581), (435, 3650), (450, 3686), (455, 3695), (467, 3731), (480, 3770), (489, 3806), (506, 3848), (522, 3881), (537, 3935), (541, 3953), (559, 4019), (574, 4061), (599, 4115),

Gene: 40BC_04 Start: 2384, Stop: 4144, Start Num: 80
Candidate Starts for 40BC_04:
(Start: 80 @2384 has 25 MA's), (162, 2543), (165, 2549), (200, 2645), (211, 2690), (221, 2729), (226, 2765), (249, 2858), (257, 2891), (264, 2918), (278, 2999), (279, 3002), (286, 3050), (291, 3077), (292, 3080), (296, 3113), (299, 3134), (303, 3167), (343, 3332), (358, 3377), (387, 3491), (391, 3506), (394, 3515), (412, 3575), (414, 3581), (435, 3650), (450, 3686), (455, 3695), (467, 3731), (480, 3770), (489, 3806), (506, 3848), (522, 3881), (537, 3935), (541, 3953), (559, 4019), (574, 4061), (599, 4115),

Gene: ABU_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for ABU_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Abinghost_6 Start: 2714, Stop: 4474, Start Num: 70
Candidate Starts for Abinghost_6:
(4, 2240), (7, 2273), (11, 2339), (19, 2435), (Start: 64 @2696 has 4 MA's), (Start: 70 @2714 has 34 MA's), (Start: 82 @2732 has 9 MA's), (122, 2813), (211, 3026), (220, 3056), (221, 3062), (224, 3089), (236, 3125), (253, 3209), (278, 3335), (291, 3413), (299, 3470), (303, 3503), (332, 3617), (343, 3671), (371, 3791), (379, 3812), (412, 3908), (426, 3959), (438, 3989), (439, 3992), (455, 4028), (467, 4064), (489, 4139), (500, 4166), (504, 4175), (528, 4226), (536, 4259), (539, 4274), (543, 4286), (556, 4334), (559, 4346), (573, 4385), (574, 4388), (599, 4439),

Gene: AbsoluteMadLad_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for AbsoluteMadLad_2:
(32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Acadian_6 Start: 3581, Stop: 5347, Start Num: 83
Candidate Starts for Acadian_6:
(23, 3347), (24, 3356), (25, 3368), (39, 3440), (65, 3545), (Start: 83 @3581 has 309 MA's), (95, 3602), (99, 3608), (Start: 160 @3722 has 12 MA's), (165, 3731), (221, 3908), (250, 4046), (251, 4049), (257, 4073), (260, 4085), (264, 4100), (291, 4259), (292, 4262), (300, 4319), (301, 4322), (302, 4331), (309, 4385), (312, 4397), (343, 4514), (349, 4535), (380, 4679), (447, 4871), (455, 4892), (475, 4952), (478,

4964), (485, 4991), (494, 5018), (522, 5078), (531, 5108), (536, 5129), (539, 5144), (541, 5150), (556, 5204), (574, 5258),

Gene: Acosta_2 Start: 519, Stop: 1922, Start Num: 166
Candidate Starts for Acosta_2:
(Start: 166 @519 has 132 MA's), (195, 594), (209, 648), (218, 684), (239, 777), (246, 813), (252, 837), (282, 936), (291, 987), (299, 1044), (300, 1047), (302, 1059), (305, 1083), (313, 1128), (345, 1224), (362, 1269), (364, 1281), (397, 1401), (398, 1404), (424, 1503), (447, 1560), (463, 1608), (520, 1761), (529, 1785), (542, 1812),

Gene: Adriana_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Adriana_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Aelin_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Aelin_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Agente005_2 Start: 522, Stop: 1928, Start Num: 166
Candidate Starts for Agente005_2:
(Start: 166 @522 has 132 MA's), (195, 603), (209, 657), (218, 693), (239, 786), (252, 846), (282, 945), (291, 996), (302, 1068), (304, 1089), (313, 1137), (333, 1197), (345, 1233), (362, 1278), (364, 1290), (397, 1410), (398, 1413), (424, 1509), (431, 1530), (447, 1566), (458, 1596), (459, 1605), (463, 1614), (481, 1677), (522, 1770), (542, 1818), (574, 1917),

Gene: Ahwei_4 Start: 2364, Stop: 4109, Start Num: 69
Candidate Starts for Ahwei_4:
(Start: 69 @2364 has 4 MA's), (113, 2424), (165, 2514), (Start: 186 @2553 has 1 MA's), (191, 2583), (196, 2595), (205, 2631), (211, 2655), (220, 2688), (221, 2694), (226, 2730), (245, 2811), (264, 2886), (275, 2946), (283, 3003), (291, 3045), (292, 3048), (299, 3102), (309, 3171), (312, 3183), (316, 3201), (343, 3300), (344, 3303), (362, 3360), (380, 3450), (391, 3474), (394, 3483), (412, 3543), (425, 3597), (438, 3630), (450, 3660), (455, 3669), (465, 3699), (467, 3705), (468, 3708), (489, 3780), (522, 3855), (537, 3909), (541, 3927), (549, 3957), (566, 4014), (568, 4020), (574, 4035), (599, 4086),

Gene: Ailee_2 Start: 514, Stop: 2106, Start Num: 139
Candidate Starts for Ailee_2:
(Start: 139 @514 has 42 MA's), (143, 520), (219, 724), (225, 763), (226, 769), (233, 790), (243, 841), (252, 877), (284, 1006), (296, 1078), (299, 1099), (304, 1135), (307, 1144), (324, 1228), (332, 1249), (361, 1381), (365, 1408), (367, 1420), (394, 1513), (421, 1606), (437, 1657), (462, 1723), (466, 1732), (504, 1804), (509, 1813), (514, 1825), (519, 1834), (530, 1864), (534, 1879), (561, 1978), (567, 1996), (599, 2086),

Gene: Akoma_6 Start: 2696, Stop: 4474, Start Num: 64
Candidate Starts for Akoma_6:

(4, 2240), (7, 2273), (11, 2339), (19, 2435), (Start: 64 @2696 has 4 MA's), (Start: 70 @2714 has 34 MA's), (Start: 82 @2732 has 9 MA's), (122, 2813), (211, 3026), (220, 3056), (221, 3062), (224, 3089), (236, 3125), (253, 3209), (278, 3335), (291, 3413), (299, 3470), (303, 3503), (332, 3617), (343, 3671), (371, 3791), (379, 3812), (412, 3908), (426, 3959), (438, 3989), (439, 3992), (455, 4028), (467, 4064), (489, 4139), (500, 4166), (504, 4175), (528, 4226), (536, 4259), (539, 4274), (543, 4286), (556, 4334), (559, 4346), (573, 4385), (574, 4388), (599, 4439),

Gene: AksarBAT_4 Start: 2460, Stop: 4139, Start Num: 103
Candidate Starts for AksarBAT_4:
(Start: 103 @2460 has 1 MA's), (140, 2529), (201, 2664), (204, 2676), (210, 2697), (219, 2733), (220, 2736), (221, 2742), (224, 2769), (226, 2778), (262, 2928), (279, 3018), (296, 3129), (298, 3141), (299, 3150), (301, 3156), (329, 3288), (342, 3342), (343, 3348), (366, 3438), (419, 3612), (420, 3615), (455, 3711), (467, 3747), (477, 3777), (536, 3939), (541, 3960), (546, 3981), (566, 4047), (574, 4068), (576, 4074),

Gene: Alakazam_2 Start: 629, Stop: 2068, Start Num: 151
Candidate Starts for Alakazam_2:
(Start: 151 @629 has 1 MA's), (218, 815), (220, 821), (228, 869), (231, 878), (246, 944), (249, 956), (282, 1067), (285, 1088), (291, 1118), (299, 1175), (302, 1190), (305, 1214), (312, 1256), (314, 1271), (319, 1289), (368, 1457), (384, 1514), (397, 1544), (424, 1652), (458, 1736), (459, 1745), (476, 1790), (481, 1817), (498, 1862), (532, 1943), (542, 1958), (556, 2006), (574, 2057),

Gene: Aleia_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Aleia_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: AlexAdler_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for AlexAdler_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Aleyra_2 Start: 522, Stop: 1931, Start Num: 166
Candidate Starts for Aleyra_2:
(21, 90), (Start: 166 @522 has 132 MA's), (195, 606), (209, 660), (218, 696), (238, 786), (239, 789), (252, 849), (282, 948), (291, 999), (302, 1071), (304, 1092), (313, 1140), (333, 1200), (345, 1236), (362, 1281), (364, 1293), (397, 1413), (398, 1416), (424, 1512), (431, 1533), (447, 1569), (458, 1599), (459, 1608), (463, 1617), (481, 1680), (522, 1773), (542, 1821), (574, 1920),

Gene: Allegro_7 Start: 4230, Stop: 5924, Start Num: 105
Candidate Starts for Allegro_7:
(Start: 101 @4224 has 6 MA's), (Start: 105 @4230 has 31 MA's), (195, 4410), (216, 4491), (224, 4542), (226, 4551), (233, 4572), (257, 4680), (260, 4692), (291, 4866), (296, 4902), (298, 4914), (299, 4923), (312, 5004), (343, 5121), (344, 5124), (365, 5199), (369, 5235), (391, 5292), (426, 5412), (438, 5442), (447, 5460), (455, 5481), (465, 5511), (467, 5517), (480, 5556), (489, 5592), (500, 5619), (522, 5661), (537, 5715), (541, 5733), (556, 5787), (585, 5859),

Gene: AltPhacts_2 Start: 564, Stop: 2351, Start Num: 83

Candidate Starts for AltPhacts_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Altwerkus_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Altwerkus_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Alyxandracam_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Alyxandracam_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Amo99_2 Start: 1099, Stop: 2844, Start Num: 120
Candidate Starts for Amo99_2:
(Start: 101 @1063 has 6 MA's), (Start: 120 @1099 has 7 MA's), (Start: 129 @1108 has 4 MA's), (131, 1111), (142, 1138), (165, 1171), (218, 1336), (219, 1339), (221, 1348), (225, 1378), (258, 1516), (262, 1534), (288, 1678), (291, 1699), (296, 1735), (303, 1789), (326, 1894), (343, 1960), (344, 1963), (364, 2026), (367, 2050), (395, 2140), (419, 2218), (420, 2221), (426, 2248), (438, 2278), (447, 2296), (467, 2353), (486, 2419), (540, 2566), (577, 2689), (583, 2701), (592, 2722), (595, 2746), (601, 2773), (605, 2809), (607, 2821), (608, 2824),

Gene: AnClar_4 Start: 2946, Stop: 4685, Start Num: 76
Candidate Starts for AnClar_4:
(Start: 76 @2946 has 10 MA's), (172, 3123), (195, 3192), (219, 3279), (221, 3288), (226, 3324), (230, 3336), (275, 3540), (298, 3687), (301, 3702), (329, 3834), (343, 3894), (357, 3936), (369, 4014), (384, 4053), (391, 4065), (395, 4077), (420, 4158), (425, 4182), (438, 4215), (467, 4290), (473, 4308), (531, 4461), (539, 4497), (541, 4503), (548, 4530), (556, 4557), (558, 4566), (576, 4617),

Gene: AnarQue_6 Start: 3931, Stop: 5652, Start Num: 82
Candidate Starts for AnarQue_6:
(47, 3829), (Start: 82 @3931 has 9 MA's), (Start: 91 @3949 has 1 MA's), (Start: 127 @4012 has 5 MA's), (172, 4090), (198, 4168), (204, 4189), (219, 4246), (221, 4255), (224, 4282), (226, 4291), (230, 4303), (247, 4381), (275, 4507), (282, 4555), (296, 4642), (298, 4654), (299, 4663), (301, 4669), (304, 4699), (318, 4771), (329, 4801), (343, 4861), (455, 5224), (467, 5260), (481, 5311), (497, 5353), (522, 5401), (545, 5491), (556, 5527), (591, 5614), (599, 5632),

Gene: Anderson_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Anderson_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Andre_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Andre_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Andromedas_2 Start: 512, Stop: 1960, Start Num: 175
Candidate Starts for Andromedas_2:
(Start: 145 @470 has 3 MA's), (148, 473), (Start: 175 @512 has 21 MA's), (Start: 180 @518 has 1 MA's), (195, 584), (205, 623), (218, 674), (252, 827), (282, 926), (285, 947), (291, 977), (292, 980), (299, 1034), (300, 1037), (302, 1049), (319, 1142), (362, 1286), (368, 1331), (377, 1370), (397, 1418), (424, 1514), (427, 1526), (431, 1535), (447, 1571), (458, 1601), (459, 1610), (463, 1619), (495, 1724), (520, 1772), (522, 1775), (532, 1808), (542, 1850), (544, 1862), (558, 1907), (574, 1949),

Gene: AngelCake_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for AngelCake_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Anilorac_2 Start: 522, Stop: 1931, Start Num: 166
Candidate Starts for Anilorac_2:
(21, 90), (Start: 166 @522 has 132 MA's), (195, 606), (209, 660), (218, 696), (238, 786), (252, 849), (282, 948), (291, 999), (302, 1071), (304, 1092), (313, 1140), (333, 1200), (345, 1236), (362, 1281), (364, 1293), (397, 1413), (398, 1416), (424, 1512), (431, 1533), (447, 1569), (458, 1599), (459, 1608), (463, 1617), (481, 1680), (522, 1773), (542, 1821), (574, 1920),

Gene: Antares_4 Start: 1123, Stop: 2745, Start Num: 125
Candidate Starts for Antares_4:
(34, 871), (Start: 125 @1123 has 21 MA's), (Start: 134 @1141 has 8 MA's), (135, 1144), (Start: 180 @1219 has 1 MA's), (194, 1276), (221, 1387), (234, 1447), (249, 1519), (251, 1528), (256, 1549), (266, 1585), (286, 1669), (288, 1675), (289, 1684), (290, 1687), (395, 2116), (398, 2125), (444, 2275), (453, 2299), (462, 2326), (471, 2347), (476, 2362), (489, 2413), (495, 2431), (526, 2497), (539, 2536), (543, 2548), (544, 2557), (567, 2629), (576, 2647), (592, 2689), (594, 2701),

Gene: Antihero_4 Start: 2364, Stop: 4109, Start Num: 69
Candidate Starts for Antihero_4:
(Start: 69 @2364 has 4 MA's), (113, 2424), (165, 2514), (Start: 186 @2553 has 1 MA's), (191, 2583), (196, 2595), (205, 2631), (211, 2655), (220, 2688), (221, 2694), (226, 2730), (245, 2811), (264, 2886), (275, 2946), (283, 3003), (291, 3045), (292, 3048), (299, 3102), (309, 3171), (312, 3183), (316, 3201), (343, 3300), (344, 3303), (362, 3360), (380, 3450), (391, 3474), (394, 3483), (412, 3543), (425, 3597), (438, 3630), (450, 3660), (455, 3669), (465, 3699), (467, 3705), (468, 3708), (489, 3780), (522, 3855), (537, 3909), (541, 3927), (549, 3957), (566, 4014), (568, 4020), (574, 4035), (599, 4086),

Gene: Antoinette_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Antoinette_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227),

(364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Antonia_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Antonia_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Aonishiki_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Aonishiki_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Apex_5 Start: 3455, Stop: 5206, Start Num: 80
Candidate Starts for Apex_5:
(Start: 80 @3455 has 25 MA's), (113, 3515), (165, 3605), (Start: 186 @3644 has 1 MA's), (191, 3674), (196, 3686), (205, 3722), (211, 3746), (220, 3779), (221, 3785), (230, 3833), (245, 3902), (264, 3977), (275, 4037), (283, 4094), (291, 4136), (292, 4139), (296, 4172), (299, 4193), (312, 4274), (343, 4391), (380, 4541), (391, 4565), (394, 4574), (395, 4577), (410, 4625), (419, 4661), (425, 4688), (438, 4721), (450, 4751), (455, 4760), (465, 4790), (467, 4796), (468, 4799), (522, 4946), (537, 5000), (541, 5018), (549, 5048), (556, 5072), (561, 5090), (566, 5105), (568, 5111), (574, 5126), (599, 5177),

Gene: Apizium_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Apizium_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: AranulaLuti_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for AranulaLuti_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Arbiter_7 Start: 4320, Stop: 6014, Start Num: 105
Candidate Starts for Arbiter_7:
(Start: 101 @4314 has 6 MA's), (Start: 105 @4320 has 31 MA's), (195, 4500), (216, 4581), (224, 4632), (226, 4641), (233, 4662), (257, 4770), (260, 4782), (291, 4956), (296, 4992), (298, 5004), (299, 5013), (312, 5094), (343, 5211), (344, 5214), (365, 5289), (369, 5325), (391, 5382), (426, 5502), (438, 5532), (447, 5550), (455, 5571), (465, 5601), (467, 5607), (480, 5646), (489, 5682), (500, 5709), (522, 5751), (537, 5805), (541, 5823), (556, 5877), (585, 5949),

Gene: Ares_7 Start: 4224, Stop: 5924, Start Num: 101
Candidate Starts for Ares_7:

(Start: 101 @4224 has 6 MA's), (Start: 105 @4230 has 31 MA's), (195, 4410), (216, 4491), (224, 4542), (226, 4551), (233, 4572), (257, 4680), (260, 4692), (291, 4866), (296, 4902), (298, 4914), (299, 4923), (312, 5004), (343, 5121), (344, 5124), (365, 5199), (369, 5235), (391, 5292), (426, 5412), (438, 5442), (447, 5460), (455, 5481), (465, 5511), (467, 5517), (480, 5556), (489, 5592), (500, 5619), (522, 5661), (537, 5715), (541, 5733), (556, 5787), (585, 5859),

Gene: Argie_2 Start: 348, Stop: 1952, Start Num: 118
Candidate Starts for Argie_2:
(Start: 118 @348 has 8 MA's), (165, 426), (167, 429), (172, 438), (219, 594), (221, 603), (229, 648), (239, 687), (240, 690), (278, 876), (291, 954), (295, 978), (296, 990), (332, 1158), (338, 1176), (362, 1263), (364, 1275), (369, 1323), (373, 1335), (382, 1359), (391, 1380), (394, 1389), (395, 1392), (397, 1398), (419, 1470), (421, 1476), (426, 1500), (438, 1530), (445, 1542), (467, 1605), (484, 1656), (510, 1719), (516, 1731), (547, 1824), (550, 1833), (553, 1839), (564, 1884), (577, 1923), (582, 1932), (587, 1944), (589, 1947),

Gene: Ariadne_5 Start: 1323, Stop: 2945, Start Num: 125
Candidate Starts for Ariadne_5:
(Start: 125 @1323 has 21 MA's), (Start: 134 @1341 has 8 MA's), (135, 1344), (164, 1398), (Start: 180 @1419 has 1 MA's), (194, 1476), (221, 1587), (249, 1719), (251, 1728), (286, 1869), (288, 1875), (289, 1884), (290, 1887), (325, 2061), (347, 2139), (369, 2253), (388, 2301), (395, 2316), (398, 2325), (428, 2442), (471, 2547), (476, 2562), (481, 2589), (524, 2694), (526, 2697), (539, 2736), (556, 2793), (565, 2823), (567, 2829), (594, 2901),

Gene: Arri_5 Start: 1770, Stop: 3377, Start Num: 123
Candidate Starts for Arri_5:
(68, 1671), (Start: 123 @1770 has 31 MA's), (Start: 144 @1818 has 1 MA's), (219, 2016), (225, 2055), (235, 2088), (242, 2127), (243, 2133), (254, 2175), (278, 2256), (284, 2298), (287, 2310), (299, 2391), (304, 2427), (307, 2436), (332, 2541), (365, 2700), (367, 2712), (394, 2799), (417, 2865), (426, 2907), (455, 2976), (462, 3000), (492, 3069), (503, 3078), (509, 3090), (539, 3180), (546, 3207), (557, 3243), (561, 3255), (572, 3285), (580, 3303),

Gene: Ashertheman_2 Start: 512, Stop: 2104, Start Num: 139
Candidate Starts for Ashertheman_2:
(Start: 139 @512 has 42 MA's), (143, 518), (Start: 160 @545 has 12 MA's), (191, 620), (200, 650), (205, 671), (211, 695), (219, 722), (226, 767), (233, 788), (243, 839), (249, 863), (252, 875), (284, 1004), (296, 1076), (299, 1097), (304, 1133), (307, 1142), (324, 1226), (332, 1247), (361, 1379), (365, 1406), (367, 1418), (394, 1511), (421, 1604), (437, 1655), (454, 1694), (462, 1721), (466, 1730), (504, 1802), (509, 1811), (514, 1823), (519, 1832), (530, 1862), (534, 1877), (561, 1976), (599, 2084),

Gene: Ashraf_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Ashraf_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Asta_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Asta_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (447, 1560), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Aubergine_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Aubergine_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (239, 780), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (447, 1560), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Audrey_6 Start: 2714, Stop: 4474, Start Num: 70
Candidate Starts for Audrey_6:
(4, 2240), (7, 2273), (11, 2339), (19, 2435), (Start: 64 @2696 has 4 MA's), (Start: 70 @2714 has 34 MA's), (Start: 82 @2732 has 9 MA's), (122, 2813), (211, 3026), (220, 3056), (221, 3062), (224, 3089), (236, 3125), (253, 3209), (278, 3335), (291, 3413), (299, 3470), (303, 3503), (332, 3617), (343, 3671), (371, 3791), (379, 3812), (412, 3908), (426, 3959), (438, 3989), (439, 3992), (467, 4064), (489, 4139), (500, 4166), (504, 4175), (528, 4226), (536, 4259), (539, 4274), (543, 4286), (556, 4334), (559, 4346), (573, 4385), (574, 4388), (599, 4439),

Gene: Austelle_5 Start: 3458, Stop: 5206, Start Num: 80
Candidate Starts for Austelle_5:
(Start: 80 @3458 has 25 MA's), (113, 3518), (165, 3608), (Start: 186 @3647 has 1 MA's), (191, 3677), (196, 3689), (205, 3725), (211, 3749), (220, 3782), (221, 3788), (230, 3836), (245, 3905), (264, 3980), (275, 4040), (283, 4097), (291, 4139), (292, 4142), (299, 4196), (309, 4265), (343, 4394), (362, 4454), (380, 4544), (391, 4568), (394, 4577), (412, 4637), (419, 4664), (425, 4691), (438, 4724), (450, 4754), (455, 4763), (465, 4793), (467, 4799), (468, 4802), (480, 4838), (489, 4874), (522, 4949), (537, 5003), (541, 5021), (549, 5051), (556, 5075), (566, 5108), (568, 5114), (574, 5129), (599, 5180),

Gene: AxiPup_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for AxiPup_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Axumite_4 Start: 2439, Stop: 4172, Start Num: 76
Candidate Starts for Axumite_4:
(Start: 76 @2439 has 10 MA's), (136, 2550), (172, 2607), (195, 2676), (197, 2679), (219, 2763), (221, 2772), (226, 2808), (230, 2820), (298, 3171), (301, 3186), (343, 3378), (357, 3420), (369, 3498), (391, 3552), (394, 3561), (412, 3621), (419, 3642), (420, 3645), (438, 3702), (467, 3777), (537, 3972), (539, 3984), (541, 3990), (543, 3996), (545, 4008), (548, 4017), (558, 4053), (591, 4131), (599, 4149),

Gene: Azuria_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Azuria_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Baddon_2 Start: 509, Stop: 2101, Start Num: 139
Candidate Starts for Baddon_2:
(Start: 139 @509 has 42 MA's), (143, 515), (Start: 160 @542 has 12 MA's), (191, 617), (200, 647), (205, 668), (219, 719), (225, 758), (226, 764), (252, 872), (261, 908), (284, 1001), (296, 1073), (299, 1094), (304, 1130), (307, 1139), (324, 1223), (332, 1244), (334, 1259), (361, 1376), (365, 1403), (367,

1415), (394, 1508), (421, 1601), (437, 1652), (454, 1691), (462, 1718), (466, 1727), (504, 1799), (509, 1808), (514, 1820), (519, 1829), (530, 1859), (534, 1874), (561, 1973), (579, 2021),

Gene: Badfish_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Badfish_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Baee_6 Start: 3587, Stop: 5353, Start Num: 83
Candidate Starts for Baee_6:
(23, 3353), (24, 3362), (25, 3374), (39, 3446), (65, 3551), (Start: 83 @3587 has 309 MA's), (99, 3614), (Start: 160 @3728 has 12 MA's), (165, 3737), (221, 3914), (251, 4055), (260, 4091), (262, 4100), (291, 4265), (292, 4268), (300, 4325), (301, 4328), (302, 4337), (309, 4391), (312, 4403), (343, 4520), (349, 4541), (380, 4685), (447, 4877), (455, 4898), (475, 4958), (478, 4970), (485, 4997), (494, 5024), (522, 5084), (531, 5114), (536, 5135), (539, 5150), (541, 5156), (556, 5210), (574, 5264), (576, 5270),

Gene: Baines_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Baines_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (543, 1815), (574, 1911),

Gene: Bakery_6 Start: 1904, Stop: 3508, Start Num: 123
Candidate Starts for Bakery_6:
(3, 1301), (8, 1373), (13, 1457), (19, 1526), (Start: 123 @1904 has 31 MA's), (Start: 144 @1952 has 1 MA's), (200, 2075), (219, 2147), (228, 2198), (235, 2219), (238, 2237), (254, 2306), (278, 2387), (281, 2402), (284, 2429), (290, 2456), (295, 2489), (299, 2522), (304, 2558), (307, 2567), (417, 2996), (426, 3038), (442, 3074), (455, 3107), (462, 3131), (492, 3200), (503, 3209), (509, 3221), (546, 3338), (557, 3374), (561, 3386), (580, 3434),

Gene: Baloo_6 Start: 2714, Stop: 4474, Start Num: 70
Candidate Starts for Baloo_6:
(4, 2240), (7, 2273), (11, 2339), (19, 2435), (Start: 64 @2696 has 4 MA's), (Start: 70 @2714 has 34 MA's), (Start: 82 @2732 has 9 MA's), (122, 2813), (211, 3026), (220, 3056), (221, 3062), (224, 3089), (236, 3125), (253, 3209), (278, 3335), (291, 3413), (299, 3470), (303, 3503), (332, 3617), (343, 3671), (371, 3791), (379, 3812), (412, 3908), (426, 3959), (438, 3989), (439, 3992), (467, 4064), (489, 4139), (500, 4166), (504, 4175), (528, 4226), (536, 4259), (539, 4274), (543, 4286), (559, 4346), (573, 4385), (574, 4388), (599, 4439),

Gene: Balsa_2 Start: 522, Stop: 1928, Start Num: 166
Candidate Starts for Balsa_2:
(Start: 166 @522 has 132 MA's), (195, 603), (209, 657), (218, 693), (239, 786), (252, 846), (282, 945), (291, 996), (302, 1068), (304, 1089), (312, 1134), (313, 1137), (333, 1197), (345, 1233), (362, 1278), (364, 1290), (398, 1413), (424, 1509), (427, 1521), (447, 1566), (458, 1596), (459, 1605), (463, 1614), (481, 1677), (522, 1770), (532, 1803), (542, 1818), (562, 1887), (574, 1917),

Gene: Bananafish_7 Start: 4230, Stop: 5924, Start Num: 105
Candidate Starts for Bananafish_7:

(Start: 101 @4224 has 6 MA's), (Start: 105 @4230 has 31 MA's), (195, 4410), (216, 4491), (224, 4542), (226, 4551), (233, 4572), (257, 4680), (260, 4692), (291, 4866), (296, 4902), (298, 4914), (299, 4923), (312, 5004), (343, 5121), (344, 5124), (365, 5199), (369, 5235), (391, 5292), (426, 5412), (438, 5442), (447, 5460), (455, 5481), (465, 5511), (467, 5517), (480, 5556), (489, 5592), (500, 5619), (522, 5661), (537, 5715), (541, 5733), (556, 5787), (585, 5859),

Gene: Bandik_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Bandik_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Banjo_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Banjo_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Barb_5 Start: 1791, Stop: 3395, Start Num: 123
Candidate Starts for Barb_5:
(Start: 123 @1791 has 31 MA's), (Start: 144 @1839 has 1 MA's), (200, 1962), (219, 2034), (228, 2085), (235, 2106), (238, 2124), (254, 2193), (278, 2274), (281, 2289), (284, 2316), (290, 2343), (295, 2376), (299, 2409), (304, 2445), (307, 2454), (370, 2757), (417, 2883), (426, 2925), (442, 2961), (455, 2994), (462, 3018), (492, 3087), (503, 3096), (509, 3108), (546, 3225), (557, 3261), (561, 3273), (580, 3321),

Gene: BaronJohn_2 Start: 512, Stop: 1960, Start Num: 147
Candidate Starts for BaronJohn_2:
(30, 167), (35, 188), (43, 233), (78, 350), (122, 455), (126, 461), (Start: 147 @512 has 12 MA's), (155, 521), (193, 617), (209, 677), (215, 704), (218, 713), (220, 719), (228, 767), (237, 797), (246, 842), (265, 905), (279, 941), (282, 965), (291, 1016), (302, 1088), (319, 1187), (345, 1265), (377, 1394), (378, 1397), (384, 1412), (397, 1442), (424, 1544), (474, 1676), (481, 1709), (507, 1775), (522, 1802), (532, 1835), (542, 1850), (556, 1898), (574, 1949),

Gene: Barsten_2 Start: 514, Stop: 2106, Start Num: 139
Candidate Starts for Barsten_2:
(Start: 139 @514 has 42 MA's), (143, 520), (191, 622), (200, 652), (205, 673), (212, 700), (219, 724), (225, 763), (226, 769), (233, 790), (243, 841), (249, 865), (252, 877), (284, 1006), (296, 1078), (299, 1099), (304, 1135), (307, 1144), (324, 1228), (332, 1249), (361, 1381), (365, 1408), (367, 1420), (390, 1501), (394, 1513), (429, 1639), (437, 1657), (462, 1723), (504, 1804), (514, 1825), (519, 1834), (530, 1864), (534, 1879), (539, 1903), (561, 1978), (567, 1996), (579, 2026), (599, 2086),

Gene: Basato_3 Start: 797, Stop: 2584, Start Num: 83
Candidate Starts for Basato_3:
(Start: 83 @797 has 309 MA's), (165, 956), (Start: 186 @995 has 1 MA's), (211, 1097), (221, 1136), (226, 1172), (249, 1268), (257, 1301), (275, 1388), (279, 1412), (283, 1445), (286, 1460), (291, 1487), (292, 1490), (299, 1544), (305, 1583), (312, 1625), (343, 1742), (344, 1745), (394, 1928), (412, 1988), (420, 2021), (450, 2108), (468, 2156), (522, 2303), (528, 2321), (556, 2429), (561, 2447), (569, 2471), (574, 2483), (599, 2561),

Gene: BatteryCK_2 Start: 564, Stop: 2351, Start Num: 83

Candidate Starts for BatteryCK_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Baumdotcom_2 Start: 512, Stop: 2104, Start Num: 139
Candidate Starts for Baumdotcom_2:
(Start: 139 @512 has 42 MA's), (143, 518), (Start: 160 @545 has 12 MA's), (191, 620), (200, 650), (205, 671), (211, 695), (219, 722), (225, 761), (226, 767), (233, 788), (243, 839), (249, 863), (252, 875), (284, 1004), (296, 1076), (299, 1097), (304, 1133), (306, 1139), (307, 1142), (324, 1226), (332, 1247), (334, 1262), (361, 1379), (365, 1406), (367, 1418), (394, 1511), (421, 1604), (437, 1655), (454, 1694), (462, 1721), (466, 1730), (504, 1802), (509, 1811), (514, 1823), (519, 1832), (530, 1862), (534, 1877), (561, 1976),

Gene: BeagleBug_3 Start: 911, Stop: 2533, Start Num: 124
Candidate Starts for BeagleBug_3:
(48, 749), (55, 773), (107, 890), (Start: 124 @911 has 19 MA's), (Start: 134 @929 has 8 MA's), (135, 932), (Start: 180 @1007 has 1 MA's), (194, 1064), (221, 1175), (234, 1235), (249, 1307), (251, 1316), (256, 1337), (266, 1373), (286, 1457), (288, 1463), (289, 1472), (290, 1475), (395, 1904), (398, 1913), (444, 2063), (453, 2087), (462, 2114), (471, 2135), (476, 2150), (489, 2201), (495, 2219), (526, 2285), (539, 2324), (543, 2336), (544, 2345), (567, 2417), (594, 2489),

Gene: Beaglebox_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Beaglebox_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: BeautPeep30_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for BeautPeep30_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (447, 1560), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: BeeBee8_2 Start: 522, Stop: 1928, Start Num: 166
Candidate Starts for BeeBee8_2:
(Start: 166 @522 has 132 MA's), (195, 603), (209, 657), (218, 693), (239, 786), (252, 846), (282, 945), (291, 996), (302, 1068), (304, 1089), (312, 1134), (313, 1137), (333, 1197), (345, 1233), (362, 1278), (364, 1290), (398, 1413), (424, 1509), (427, 1521), (447, 1566), (458, 1596), (459, 1605), (463, 1614), (481, 1677), (522, 1770), (532, 1803), (542, 1818), (562, 1887),

Gene: Belphegor_2 Start: 531, Stop: 2186, Start Num: 134
Candidate Starts for Belphegor_2:
(Start: 134 @531 has 8 MA's), (191, 654), (193, 660), (205, 705), (211, 729), (218, 753), (219, 756), (220, 759), (225, 795), (235, 828), (240, 852), (249, 897), (278, 996), (284, 1038), (299, 1131), (304, 1167), (307, 1176), (324, 1260), (332, 1281), (337, 1305), (361, 1443), (365, 1470), (425, 1689), (429, 1701), (437, 1719), (462, 1785), (469, 1803), (475, 1821), (492, 1875), (503, 1884), (504, 1887), (519, 1917), (530, 1947), (561, 2061), (567, 2079), (572, 2091), (579, 2109), (596, 2160),

Gene: Ben11_5 Start: 2562, Stop: 4322, Start Num: 70
Candidate Starts for Ben11_5:
(4, 2088), (7, 2121), (11, 2187), (19, 2283), (Start: 64 @2544 has 4 MA's), (Start: 70 @2562 has 34 MA's), (Start: 82 @2580 has 9 MA's), (122, 2661), (211, 2874), (220, 2904), (221, 2910), (224, 2937), (236, 2973), (253, 3057), (278, 3183), (291, 3261), (299, 3318), (303, 3351), (306, 3360), (309, 3387), (332, 3465), (343, 3519), (371, 3639), (379, 3660), (412, 3756), (426, 3807), (438, 3837), (439, 3840), (467, 3912), (489, 3987), (500, 4014), (504, 4023), (528, 4074), (536, 4107), (539, 4122), (543, 4134), (559, 4194), (573, 4233), (574, 4236), (599, 4287),

Gene: Benjalauren_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Benjalauren_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Bernardo_6 Start: 2714, Stop: 4474, Start Num: 70
Candidate Starts for Bernardo_6:
(Start: 64 @2696 has 4 MA's), (Start: 70 @2714 has 34 MA's), (Start: 82 @2732 has 9 MA's), (122, 2813), (211, 3026), (220, 3056), (221, 3062), (224, 3089), (236, 3125), (253, 3209), (278, 3335), (291, 3413), (299, 3470), (303, 3503), (332, 3617), (343, 3671), (371, 3791), (379, 3812), (412, 3908), (426, 3959), (438, 3989), (439, 3992), (467, 4064), (489, 4139), (500, 4166), (504, 4175), (528, 4226), (536, 4259), (539, 4274), (543, 4286), (556, 4334), (559, 4346), (573, 4385), (574, 4388), (599, 4439),

Gene: Bibwit_2 Start: 514, Stop: 2106, Start Num: 139
Candidate Starts for Bibwit_2:
(Start: 139 @514 has 42 MA's), (143, 520), (200, 652), (205, 673), (219, 724), (225, 763), (226, 769), (233, 790), (249, 865), (252, 877), (284, 1006), (293, 1060), (296, 1078), (299, 1099), (304, 1135), (307, 1144), (324, 1228), (332, 1249), (361, 1381), (365, 1408), (367, 1420), (429, 1639), (437, 1657), (462, 1723), (504, 1804), (514, 1825), (519, 1834), (530, 1864), (534, 1879), (561, 1978), (567, 1996), (579, 2026), (599, 2086),

Gene: BigHunkinEater_2 Start: 491, Stop: 2155, Start Num: 129
Candidate Starts for BigHunkinEater_2:
(Start: 129 @491 has 4 MA's), (Start: 144 @530 has 1 MA's), (Start: 180 @581 has 1 MA's), (205, 677), (211, 701), (219, 728), (225, 767), (240, 824), (249, 869), (259, 908), (278, 968), (284, 1010), (296, 1082), (299, 1103), (304, 1139), (307, 1148), (321, 1220), (324, 1232), (332, 1253), (348, 1334), (361, 1415), (365, 1442), (394, 1541), (425, 1655), (437, 1685), (450, 1718), (454, 1724), (462, 1751), (475, 1787), (487, 1826), (504, 1856), (509, 1865), (519, 1886), (546, 1982),

Gene: BigRedClifford_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for BigRedClifford_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: BiggityBass_4 Start: 2457, Stop: 4196, Start Num: 76
Candidate Starts for BiggityBass_4:
(Start: 76 @2457 has 10 MA's), (172, 2634), (195, 2703), (219, 2790), (221, 2799), (226, 2835), (230, 2847), (298, 3198), (301, 3213), (329, 3345), (343, 3405), (357, 3447), (369, 3525), (384, 3564), (391, 3576), (395, 3588), (420, 3669), (438, 3726), (467, 3801), (531, 3972), (539, 4008), (548, 4041), (556,

4068), (558, 4077), (576, 4128),

Gene: BirdsNest_8 Start: 2005, Stop: 3777, Start Num: 73
Candidate Starts for BirdsNest_8:
(Start: 73 @2005 has 3 MA's), (Start: 160 @2161 has 12 MA's), (165, 2170), (Start: 186 @2209 has 1 MA's), (211, 2311), (221, 2350), (266, 2551), (274, 2593), (283, 2659), (305, 2797), (309, 2827), (312, 2839), (343, 2956), (394, 3139), (412, 3199), (416, 3211), (450, 3319), (480, 3403), (522, 3514), (537, 3568), (556, 3640), (566, 3673), (569, 3682), (574, 3694), (599, 3757),

Gene: Bishoperium_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Bishoperium_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (317, 1413), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Bizzy_2 Start: 512, Stop: 2104, Start Num: 139
Candidate Starts for Bizzy_2:
(Start: 139 @512 has 42 MA's), (143, 518), (Start: 160 @545 has 12 MA's), (191, 620), (200, 650), (205, 671), (211, 695), (219, 722), (226, 767), (233, 788), (243, 839), (249, 863), (252, 875), (284, 1004), (296, 1076), (299, 1097), (304, 1133), (306, 1139), (307, 1142), (324, 1226), (332, 1247), (361, 1379), (365, 1406), (367, 1418), (394, 1511), (421, 1604), (437, 1655), (454, 1694), (462, 1721), (466, 1730), (504, 1802), (509, 1811), (514, 1823), (519, 1832), (530, 1862), (534, 1877), (561, 1976), (599, 2084),

Gene: BlackStallion_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for BlackStallion_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Blackpen_6 Start: 3441, Stop: 5144, Start Num: 91
Candidate Starts for Blackpen_6:
(47, 3321), (Start: 82 @3423 has 9 MA's), (Start: 91 @3441 has 1 MA's), (Start: 127 @3504 has 5 MA's), (172, 3582), (198, 3660), (204, 3681), (219, 3738), (221, 3747), (224, 3774), (226, 3783), (230, 3795), (247, 3873), (275, 3999), (282, 4047), (296, 4134), (298, 4146), (299, 4155), (301, 4161), (304, 4191), (318, 4263), (329, 4293), (343, 4353), (455, 4716), (467, 4752), (481, 4803), (497, 4845), (522, 4893), (545, 4983), (556, 5019), (591, 5106), (599, 5124),

Gene: BlacksBerry_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for BlacksBerry_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Blage_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Blage_2:

(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Blocker23_7 Start: 4347, Stop: 6041, Start Num: 105
Candidate Starts for Blocker23_7:
(Start: 101 @4341 has 6 MA's), (Start: 105 @4347 has 31 MA's), (Start: 186 @4485 has 1 MA's), (195, 4527), (216, 4608), (224, 4659), (226, 4668), (233, 4689), (257, 4797), (260, 4809), (291, 4983), (296, 5019), (298, 5031), (299, 5040), (312, 5121), (343, 5238), (344, 5241), (365, 5316), (369, 5352), (391, 5409), (426, 5529), (438, 5559), (447, 5577), (455, 5598), (465, 5628), (467, 5634), (480, 5673), (489, 5709), (500, 5736), (522, 5778), (537, 5832), (541, 5850), (556, 5904), (585, 5976),

Gene: BlueHusk_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for BlueHusk_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (465, 1914), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Bluephacebaby_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Bluephacebaby_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: BobRoss2024_4 Start: 2454, Stop: 4184, Start Num: 87
Candidate Starts for BobRoss2024_4:
(33, 2265), (87, 2454), (111, 2502), (172, 2613), (205, 2718), (219, 2769), (221, 2778), (226, 2814), (230, 2826), (275, 3030), (298, 3177), (299, 3186), (313, 3270), (329, 3324), (343, 3384), (366, 3471), (420, 3648), (455, 3744), (500, 3879), (536, 3981), (574, 4110), (576, 4116),

Gene: BobbyK_5 Start: 3455, Stop: 5203, Start Num: 80
Candidate Starts for BobbyK_5:
(Start: 80 @3455 has 25 MA's), (113, 3515), (165, 3605), (Start: 186 @3644 has 1 MA's), (191, 3674), (196, 3686), (205, 3722), (211, 3746), (220, 3779), (221, 3785), (226, 3821), (230, 3833), (245, 3902), (264, 3977), (275, 4037), (283, 4094), (291, 4136), (292, 4139), (299, 4193), (309, 4262), (312, 4274), (343, 4391), (362, 4451), (380, 4541), (391, 4565), (394, 4574), (419, 4661), (425, 4688), (450, 4751), (455, 4760), (465, 4790), (467, 4796), (468, 4799), (480, 4835), (489, 4871), (522, 4946), (541, 5018), (549, 5048), (556, 5072), (566, 5105), (568, 5111), (574, 5126), (599, 5177),

Gene: Boehler_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Boehler_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: BonesMcCoy_2 Start: 522, Stop: 1922, Start Num: 166

Candidate Starts for BonesMcCoy_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (246, 816), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Bonino_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Bonino_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (447, 1560), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: BoogieWoogie_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for BoogieWoogie_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (317, 1413), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: BouleyBill_2 Start: 608, Stop: 2026, Start Num: 160
Candidate Starts for BouleyBill_2:
(Start: 160 @608 has 12 MA's), (168, 620), (Start: 173 @629 has 7 MA's), (181, 644), (183, 650), (205, 743), (209, 758), (218, 794), (232, 860), (238, 884), (265, 986), (282, 1046), (291, 1097), (302, 1169), (304, 1190), (312, 1235), (313, 1238), (345, 1334), (368, 1424), (378, 1466), (384, 1481), (397, 1508), (402, 1529), (424, 1610), (443, 1655), (447, 1664), (458, 1694), (463, 1712), (476, 1748), (495, 1817), (514, 1856), (520, 1865), (522, 1868), (532, 1901), (542, 1916), (556, 1964), (574, 2015),

Gene: Boyle_7 Start: 4347, Stop: 6041, Start Num: 105
Candidate Starts for Boyle_7:
(Start: 101 @4341 has 6 MA's), (Start: 105 @4347 has 31 MA's), (195, 4527), (216, 4608), (224, 4659), (226, 4668), (233, 4689), (257, 4797), (260, 4809), (291, 4983), (296, 5019), (298, 5031), (299, 5040), (312, 5121), (343, 5238), (344, 5241), (365, 5316), (369, 5352), (391, 5409), (426, 5529), (438, 5559), (447, 5577), (455, 5598), (465, 5628), (467, 5634), (480, 5673), (489, 5709), (500, 5736), (522, 5778), (537, 5832), (541, 5850), (556, 5904), (585, 5976),

Gene: Brandonk123_2 Start: 514, Stop: 2106, Start Num: 139
Candidate Starts for Brandonk123_2:
(Start: 139 @514 has 42 MA's), (143, 520), (205, 673), (219, 724), (225, 763), (226, 769), (233, 790), (243, 841), (252, 877), (284, 1006), (296, 1078), (299, 1099), (304, 1135), (307, 1144), (324, 1228), (332, 1249), (361, 1381), (365, 1408), (367, 1420), (386, 1489), (394, 1513), (429, 1639), (437, 1657), (462, 1723), (466, 1732), (504, 1804), (514, 1825), (519, 1834), (530, 1864), (534, 1879), (561, 1978), (567, 1996), (579, 2026),

Gene: Brawn1_2 Start: 514, Stop: 2106, Start Num: 139
Candidate Starts for Brawn1_2:
(Start: 139 @514 has 42 MA's), (143, 520), (200, 652), (205, 673), (219, 724), (225, 763), (226, 769), (233, 790), (249, 865), (252, 877), (284, 1006), (296, 1078), (299, 1099), (304, 1135), (307, 1144), (324, 1228), (332, 1249), (361, 1381), (365, 1408), (367, 1420), (429, 1639), (437, 1657), (462, 1723), (466, 1732), (504, 1804), (514, 1825), (519, 1834), (530, 1864), (534, 1879), (561, 1978), (567, 1996), (599, 2086),

Gene: BrazzalePHS_3 Start: 1007, Stop: 2533, Start Num: 180
Candidate Starts for BrazzalePHS_3:
(34, 686), (48, 749), (55, 773), (107, 890), (Start: 124 @911 has 19 MA's), (Start: 134 @929 has 8 MA's), (135, 932), (Start: 180 @1007 has 1 MA's), (194, 1064), (221, 1175), (234, 1235), (249, 1307), (251, 1316), (256, 1337), (266, 1373), (286, 1457), (288, 1463), (289, 1472), (290, 1475), (395, 1904), (398, 1913), (444, 2063), (453, 2087), (462, 2114), (471, 2135), (476, 2150), (489, 2201), (495, 2219), (526, 2285), (539, 2324), (543, 2336), (544, 2345), (567, 2417), (576, 2435), (592, 2477), (594, 2489),

Gene: Brilliant_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Brilliant_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: BrownCNA_5 Start: 3458, Stop: 5206, Start Num: 80
Candidate Starts for BrownCNA_5:
(Start: 80 @3458 has 25 MA's), (113, 3518), (165, 3608), (Start: 186 @3647 has 1 MA's), (191, 3677), (196, 3689), (205, 3725), (211, 3749), (220, 3782), (221, 3788), (226, 3824), (245, 3905), (264, 3980), (275, 4040), (283, 4097), (291, 4139), (292, 4142), (299, 4196), (309, 4265), (312, 4277), (343, 4394), (344, 4397), (362, 4454), (391, 4568), (394, 4577), (419, 4664), (425, 4691), (438, 4724), (450, 4754), (455, 4763), (465, 4793), (467, 4799), (468, 4802), (480, 4838), (489, 4874), (522, 4949), (537, 5003), (541, 5021), (549, 5051), (556, 5075), (566, 5108), (568, 5114), (574, 5129), (599, 5180),

Gene: Brownie5_7 Start: 4341, Stop: 6041, Start Num: 101
Candidate Starts for Brownie5_7:
(Start: 101 @4341 has 6 MA's), (Start: 105 @4347 has 31 MA's), (195, 4527), (216, 4608), (224, 4659), (226, 4668), (233, 4689), (257, 4797), (260, 4809), (291, 4983), (296, 5019), (298, 5031), (299, 5040), (312, 5121), (343, 5238), (344, 5241), (365, 5316), (369, 5352), (391, 5409), (426, 5529), (438, 5559), (447, 5577), (455, 5598), (465, 5628), (467, 5634), (480, 5673), (489, 5709), (500, 5736), (522, 5778), (537, 5832), (541, 5850), (556, 5904), (585, 5976),

Gene: Buckeye_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Buckeye_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Burr_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Burr_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Busephilis_4 Start: 1123, Stop: 2745, Start Num: 125
Candidate Starts for Busephilis_4:
(34, 871), (Start: 125 @1123 has 21 MA's), (Start: 134 @1141 has 8 MA's), (135, 1144), (Start: 180 @1219 has 1 MA's), (194, 1276), (221, 1387), (234, 1447), (249, 1519), (251, 1528), (256, 1549), (266,

1585), (286, 1669), (288, 1675), (289, 1684), (290, 1687), (395, 2116), (398, 2125), (444, 2275), (453, 2299), (462, 2326), (471, 2347), (476, 2362), (489, 2413), (495, 2431), (539, 2536), (543, 2548), (544, 2557), (567, 2629), (594, 2701),

Gene: Bustleton_2 Start: 608, Stop: 2026, Start Num: 160
Candidate Starts for Bustleton_2:
(Start: 160 @608 has 12 MA's), (168, 620), (Start: 173 @629 has 7 MA's), (181, 644), (193, 698), (209, 758), (218, 794), (232, 860), (238, 884), (265, 986), (282, 1046), (291, 1097), (302, 1169), (304, 1190), (312, 1235), (313, 1238), (345, 1334), (368, 1424), (378, 1466), (384, 1481), (397, 1508), (402, 1529), (424, 1610), (443, 1655), (447, 1664), (458, 1694), (463, 1712), (476, 1748), (495, 1817), (514, 1856), (522, 1868), (532, 1901), (542, 1916), (556, 1964), (574, 2015),

Gene: Byron23_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Byron23_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: CRB2_8 Start: 4591, Stop: 6345, Start Num: 82
Candidate Starts for CRB2_8:
(Start: 82 @4591 has 9 MA's), (99, 4627), (111, 4648), (113, 4657), (122, 4675), (165, 4747), (182, 4774), (200, 4843), (211, 4888), (219, 4918), (221, 4927), (249, 5059), (257, 5092), (273, 5164), (275, 5179), (291, 5278), (292, 5281), (299, 5335), (303, 5368), (309, 5404), (312, 5416), (343, 5533), (384, 5689), (395, 5719), (412, 5776), (419, 5806), (438, 5866), (467, 5941), (480, 5980), (485, 6004), (522, 6091), (531, 6121), (537, 6145), (541, 6163), (556, 6217), (566, 6250), (599, 6325),

Gene: CaiB_6 Start: 3931, Stop: 5652, Start Num: 82
Candidate Starts for CaiB_6:
(47, 3829), (Start: 82 @3931 has 9 MA's), (Start: 91 @3949 has 1 MA's), (Start: 127 @4012 has 5 MA's), (172, 4090), (198, 4168), (204, 4189), (219, 4246), (221, 4255), (224, 4282), (226, 4291), (230, 4303), (247, 4381), (275, 4507), (282, 4555), (296, 4642), (298, 4654), (299, 4663), (301, 4669), (304, 4699), (318, 4771), (329, 4801), (343, 4861), (455, 5224), (467, 5260), (481, 5311), (497, 5353), (522, 5401), (545, 5491), (556, 5527), (591, 5614), (599, 5632),

Gene: Calamitous_7 Start: 4230, Stop: 5924, Start Num: 105
Candidate Starts for Calamitous_7:
(Start: 101 @4224 has 6 MA's), (Start: 105 @4230 has 31 MA's), (195, 4410), (216, 4491), (224, 4542), (226, 4551), (233, 4572), (257, 4680), (260, 4692), (291, 4866), (296, 4902), (298, 4914), (299, 4923), (312, 5004), (343, 5121), (344, 5124), (365, 5199), (369, 5235), (391, 5292), (426, 5412), (438, 5442), (447, 5460), (455, 5481), (465, 5511), (467, 5517), (480, 5556), (489, 5592), (500, 5619), (522, 5661), (537, 5715), (541, 5733), (556, 5787), (585, 5859),

Gene: Calix_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Calix_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (447, 1560), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: CamL_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for CamL_2:

(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: CampRoach_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for CampRoach_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Cannibal_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Cannibal_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: CaptainRex_2 Start: 512, Stop: 1960, Start Num: 147
Candidate Starts for CaptainRex_2:
(30, 167), (35, 188), (43, 233), (78, 350), (122, 455), (126, 461), (Start: 147 @512 has 12 MA's), (155, 521), (193, 617), (209, 677), (215, 704), (218, 713), (220, 719), (228, 767), (237, 797), (246, 842), (265, 905), (282, 965), (291, 1016), (302, 1088), (319, 1187), (345, 1265), (377, 1394), (378, 1397), (384, 1412), (397, 1442), (424, 1544), (474, 1676), (481, 1709), (507, 1775), (522, 1802), (532, 1835), (542, 1850), (556, 1898), (574, 1949),

Gene: CarisSwetlik_2 Start: 519, Stop: 1922, Start Num: 166
Candidate Starts for CarisSwetlik_2:
(Start: 166 @519 has 132 MA's), (195, 594), (209, 648), (218, 684), (239, 777), (246, 813), (252, 837), (282, 936), (291, 987), (299, 1044), (300, 1047), (302, 1059), (305, 1083), (309, 1113), (312, 1125), (345, 1224), (364, 1281), (384, 1371), (424, 1503), (427, 1515), (447, 1560), (498, 1716), (520, 1761), (529, 1785), (542, 1812),

Gene: Carostasia_2 Start: 624, Stop: 2069, Start Num: 173
Candidate Starts for Carostasia_2:
(Start: 173 @624 has 7 MA's), (209, 747), (218, 783), (232, 849), (238, 873), (239, 876), (246, 912), (252, 936), (267, 981), (282, 1035), (285, 1056), (291, 1086), (292, 1089), (297, 1125), (300, 1146), (302, 1158), (319, 1251), (340, 1317), (368, 1440), (397, 1527), (402, 1548), (424, 1623), (427, 1635), (447, 1680), (458, 1710), (463, 1728), (476, 1764), (495, 1833), (522, 1884), (532, 1917), (542, 1959), (544, 1971), (558, 2016), (574, 2058),

Gene: Carthage_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Carthage_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Casbah_5 Start: 2562, Stop: 4322, Start Num: 70
Candidate Starts for Casbah_5:
(Start: 64 @2544 has 4 MA's), (Start: 70 @2562 has 34 MA's), (Start: 82 @2580 has 9 MA's), (122, 2661), (211, 2874), (220, 2904), (221, 2910), (224, 2937), (236, 2973), (253, 3057), (278, 3183), (291, 3261), (299, 3318), (303, 3351), (306, 3360), (309, 3387), (332, 3465), (343, 3519), (371, 3639), (379, 3660), (412, 3756), (426, 3807), (438, 3837), (439, 3840), (467, 3912), (489, 3987), (500, 4014), (504, 4023), (528, 4074), (536, 4107), (539, 4122), (543, 4134), (559, 4194), (573, 4233), (574, 4236), (599, 4287),

Gene: Casey_2 Start: 620, Stop: 2008, Start Num: 175
Candidate Starts for Casey_2:
(Start: 175 @620 has 21 MA's), (206, 728), (209, 740), (212, 755), (218, 776), (249, 917), (252, 929), (282, 1028), (291, 1079), (302, 1151), (312, 1217), (345, 1316), (368, 1406), (397, 1493), (424, 1592), (427, 1604), (447, 1646), (458, 1676), (463, 1694), (485, 1769), (495, 1799), (529, 1871), (532, 1883), (542, 1898), (556, 1946), (574, 1997),

Gene: Caspiboi_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Caspiboi_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Caterpie_2 Start: 207, Stop: 1727, Start Num: 150
Candidate Starts for Caterpie_2:
(Start: 150 @207 has 4 MA's), (165, 222), (172, 234), (201, 318), (211, 363), (219, 390), (233, 453), (234, 456), (241, 486), (249, 528), (253, 540), (276, 630), (286, 681), (289, 696), (300, 768), (305, 804), (306, 807), (307, 810), (312, 846), (313, 849), (332, 894), (340, 921), (342, 939), (343, 945), (344, 948), (346, 957), (359, 987), (365, 1023), (366, 1029), (367, 1035), (370, 1062), (375, 1077), (380, 1092), (391, 1116), (394, 1125), (395, 1128), (410, 1176), (417, 1203), (421, 1212), (426, 1236), (438, 1266), (447, 1284), (455, 1305), (467, 1341), (468, 1344), (472, 1356), (476, 1368), (483, 1401), (496, 1434), (502, 1446), (510, 1464), (511, 1467), (516, 1476), (518, 1482), (525, 1497), (547, 1569), (550, 1578), (551, 1581), (556, 1602), (594, 1689), (595, 1698),

Gene: Causa_11 Start: 6101, Stop: 7822, Start Num: 98
Candidate Starts for Causa_11:
(Start: 98 @6101 has 2 MA's), (165, 6212), (219, 6380), (221, 6389), (249, 6521), (260, 6566), (275, 6641), (286, 6713), (291, 6740), (298, 6788), (332, 6944), (343, 6995), (382, 7133), (447, 7322), (455, 7343), (467, 7379), (480, 7418), (500, 7481), (566, 7688),

Gene: Cepens_2 Start: 348, Stop: 1952, Start Num: 118
Candidate Starts for Cepens_2:
(Start: 118 @348 has 8 MA's), (165, 426), (172, 438), (219, 594), (221, 603), (229, 648), (239, 687), (240, 690), (258, 771), (278, 876), (291, 954), (295, 978), (296, 990), (332, 1158), (338, 1176), (362, 1263), (364, 1275), (382, 1359), (391, 1380), (394, 1389), (395, 1392), (397, 1398), (413, 1452), (419, 1470), (421, 1476), (426, 1500), (438, 1530), (467, 1605), (484, 1656), (510, 1719), (547, 1824), (550, 1833), (553, 1839), (556, 1857), (570, 1902), (577, 1923), (582, 1932), (587, 1944), (589, 1947),

Gene: ChaChing_6 Start: 2714, Stop: 4471, Start Num: 70
Candidate Starts for ChaChing_6:
(4, 2240), (7, 2273), (11, 2339), (19, 2435), (Start: 64 @2696 has 4 MA's), (Start: 70 @2714 has 34 MA's), (Start: 82 @2732 has 9 MA's), (122, 2810), (211, 3023), (220, 3053), (221, 3059), (224, 3086),

(236, 3122), (253, 3206), (278, 3332), (291, 3410), (299, 3467), (303, 3500), (332, 3614), (343, 3668), (371, 3788), (379, 3809), (412, 3905), (426, 3956), (438, 3986), (439, 3989), (467, 4061), (489, 4136), (500, 4163), (504, 4172), (528, 4223), (536, 4256), (539, 4271), (543, 4283), (559, 4343), (573, 4382), (574, 4385), (599, 4436),

Gene: ChadMasterC_2 Start: 514, Stop: 2106, Start Num: 139
Candidate Starts for ChadMasterC_2:
(Start: 139 @514 has 42 MA's), (143, 520), (191, 622), (200, 652), (205, 673), (219, 724), (225, 763), (226, 769), (233, 790), (249, 865), (252, 877), (284, 1006), (293, 1060), (296, 1078), (299, 1099), (304, 1135), (307, 1144), (324, 1228), (332, 1249), (361, 1381), (365, 1408), (367, 1420), (429, 1639), (437, 1657), (462, 1723), (466, 1732), (504, 1804), (514, 1825), (519, 1834), (530, 1864), (534, 1879), (561, 1978), (567, 1996),

Gene: Chaelin_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Chaelin_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Chah_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Chah_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Chako_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Chako_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Chamuel_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Chamuel_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Charles1_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Charles1_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: CharlieGBrown_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for CharlieGBrown_2:

(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: CharlottesWeb_4 Start: 2433, Stop: 4175, Start Num: 76
Candidate Starts for CharlottesWeb_4:
(50, 2358), (Start: 76 @2433 has 10 MA's), (133, 2544), (136, 2553), (172, 2610), (195, 2679), (197, 2682), (219, 2766), (221, 2775), (226, 2811), (230, 2823), (279, 3051), (298, 3174), (299, 3183), (301, 3189), (343, 3381), (369, 3501), (394, 3564), (419, 3645), (420, 3648), (465, 3774), (467, 3780), (504, 3888), (537, 3975), (539, 3987), (541, 3993), (543, 3999), (545, 4011), (548, 4020), (556, 4047), (558, 4056), (599, 4152),

Gene: CheetO_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for CheetO_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Cheeto1_2 Start: 546, Stop: 1955, Start Num: 179
Candidate Starts for Cheeto1_2:
(Start: 177 @543 has 1 MA's), (Start: 179 @546 has 2 MA's), (193, 606), (204, 645), (211, 678), (218, 702), (238, 792), (282, 954), (291, 1005), (302, 1077), (315, 1155), (368, 1359), (384, 1416), (397, 1443), (413, 1500), (424, 1539), (458, 1623), (463, 1641), (476, 1677), (495, 1746), (542, 1845), (556, 1893), (558, 1902), (574, 1944),

Gene: Chentzyk_5 Start: 2562, Stop: 4322, Start Num: 70
Candidate Starts for Chentzyk_5:
(4, 2088), (7, 2121), (11, 2187), (19, 2283), (Start: 64 @2544 has 4 MA's), (Start: 70 @2562 has 34 MA's), (Start: 82 @2580 has 9 MA's), (122, 2661), (211, 2874), (220, 2904), (221, 2910), (224, 2937), (236, 2973), (253, 3057), (278, 3183), (291, 3261), (299, 3318), (303, 3351), (306, 3360), (309, 3387), (332, 3465), (343, 3519), (371, 3639), (379, 3660), (412, 3756), (426, 3807), (438, 3837), (439, 3840), (467, 3912), (489, 3987), (500, 4014), (504, 4023), (528, 4074), (536, 4107), (539, 4122), (543, 4134), (559, 4194), (573, 4233), (574, 4236), (599, 4287),

Gene: Chepli_2 Start: 648, Stop: 2099, Start Num: 175
Candidate Starts for Chepli_2:
(Start: 175 @648 has 21 MA's), (Start: 186 @669 has 1 MA's), (193, 708), (203, 744), (209, 768), (218, 804), (238, 894), (239, 897), (282, 1056), (291, 1107), (301, 1170), (302, 1179), (319, 1278), (327, 1299), (331, 1311), (345, 1377), (362, 1422), (364, 1434), (387, 1527), (397, 1554), (424, 1653), (427, 1665), (440, 1695), (442, 1698), (447, 1710), (458, 1740), (461, 1755), (463, 1758), (476, 1794), (522, 1914), (542, 1989), (558, 2046), (574, 2088),

Gene: Cher_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Cher_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: CherryCola_5 Start: 1815, Stop: 3422, Start Num: 123
Candidate Starts for CherryCola_5:
(1, 1137), (6, 1260), (12, 1365), (13, 1368), (19, 1437), (Start: 119 @1809 has 1 MA's), (Start: 123 @1815 has 31 MA's), (Start: 144 @1863 has 1 MA's), (219, 2061), (225, 2100), (235, 2133), (242, 2172), (243, 2178), (254, 2220), (278, 2301), (284, 2343), (287, 2355), (299, 2436), (307, 2481), (332, 2586), (365, 2745), (367, 2757), (394, 2844), (417, 2910), (426, 2952), (455, 3021), (462, 3045), (492, 3114), (503, 3123), (509, 3135), (539, 3225), (546, 3252), (557, 3288), (561, 3300), (572, 3330), (580, 3348),

Gene: Chickadee_2 Start: 558, Stop: 2156, Start Num: 128
Candidate Starts for Chickadee_2:
(Start: 128 @558 has 7 MA's), (181, 642), (193, 690), (200, 714), (205, 735), (211, 759), (219, 786), (225, 825), (235, 858), (238, 876), (240, 882), (251, 936), (252, 939), (278, 1026), (284, 1068), (293, 1122), (296, 1140), (299, 1161), (307, 1206), (321, 1278), (324, 1290), (332, 1311), (346, 1386), (361, 1443), (363, 1452), (365, 1470), (367, 1482), (394, 1569), (425, 1683), (442, 1722), (462, 1779), (503, 1857), (561, 2034), (567, 2052), (581, 2085),

Gene: ChickenKing_2 Start: 543, Stop: 1955, Start Num: 177
Candidate Starts for ChickenKing_2:
(Start: 177 @543 has 1 MA's), (Start: 179 @546 has 2 MA's), (189, 588), (193, 606), (204, 645), (211, 678), (218, 702), (238, 792), (246, 831), (282, 954), (291, 1005), (302, 1077), (305, 1101), (315, 1155), (368, 1359), (384, 1416), (397, 1443), (413, 1500), (424, 1539), (458, 1623), (463, 1641), (476, 1677), (542, 1845), (556, 1893), (558, 1902), (574, 1944),

Gene: ChikPic_2 Start: 513, Stop: 1961, Start Num: 175
Candidate Starts for ChikPic_2:
(Start: 175 @513 has 21 MA's), (195, 585), (205, 624), (218, 675), (239, 768), (252, 828), (282, 927), (285, 948), (291, 978), (292, 981), (299, 1035), (300, 1038), (302, 1050), (319, 1143), (362, 1287), (368, 1332), (397, 1419), (424, 1515), (427, 1527), (431, 1536), (443, 1563), (447, 1572), (458, 1602), (459, 1611), (461, 1617), (463, 1620), (495, 1725), (520, 1773), (522, 1776), (532, 1809), (542, 1851), (544, 1863), (558, 1908), (574, 1950),

Gene: Childish_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Childish_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Chipette_3 Start: 797, Stop: 2584, Start Num: 83
Candidate Starts for Chipette_3:
(Start: 83 @797 has 309 MA's), (165, 956), (Start: 186 @995 has 1 MA's), (211, 1097), (221, 1136), (226, 1172), (249, 1268), (257, 1301), (275, 1388), (279, 1412), (283, 1445), (286, 1460), (291, 1487), (292, 1490), (299, 1544), (305, 1583), (312, 1625), (343, 1742), (344, 1745), (394, 1928), (412, 1988), (420, 2021), (450, 2108), (468, 2156), (522, 2303), (528, 2321), (556, 2429), (561, 2447), (569, 2471), (574, 2483), (599, 2561),

Gene: Chorkpop_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Chorkpop_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283,

1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: ChrisnMich_4 Start: 2364, Stop: 4109, Start Num: 69
Candidate Starts for ChrisnMich_4:
(Start: 69 @2364 has 4 MA's), (113, 2424), (165, 2514), (Start: 186 @2553 has 1 MA's), (191, 2583), (196, 2595), (205, 2631), (211, 2655), (220, 2688), (221, 2694), (226, 2730), (230, 2742), (245, 2811), (264, 2886), (275, 2946), (283, 3003), (291, 3045), (292, 3048), (299, 3102), (309, 3171), (312, 3183), (343, 3300), (344, 3303), (362, 3360), (380, 3450), (394, 3483), (412, 3543), (425, 3597), (438, 3630), (450, 3660), (455, 3669), (465, 3699), (467, 3705), (468, 3708), (489, 3780), (522, 3855), (537, 3909), (541, 3927), (549, 3957), (556, 3981), (566, 4014), (568, 4020), (574, 4035), (599, 4086),

Gene: Christoph_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Christoph_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (239, 780), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (447, 1560), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Chuni_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Chuni_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Chunky_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Chunky_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Chute_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Chute_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Cidela_2 Start: 621, Stop: 2069, Start Num: 173
Candidate Starts for Cidela_2:
(Start: 173 @621 has 7 MA's), (Start: 180 @630 has 1 MA's), (209, 747), (218, 783), (238, 873), (239, 876), (252, 936), (260, 954), (267, 981), (282, 1035), (285, 1056), (291, 1086), (297, 1125), (299, 1143), (300, 1146), (302, 1158), (319, 1251), (340, 1317), (368, 1440), (388, 1506), (397, 1527), (402, 1548), (424, 1623), (427, 1635), (431, 1644), (440, 1665), (447, 1680), (458, 1710), (459, 1719), (463, 1728), (476, 1764), (495, 1833), (522, 1884), (527, 1899), (532, 1917), (542, 1959), (544, 1971), (558, 2016), (574, 2058),

Gene: Cinna_4 Start: 2176, Stop: 3816, Start Num: 114
Candidate Starts for Cinna_4:
(54, 2032), (Start: 114 @2176 has 6 MA's), (138, 2224), (146, 2248), (Start: 166 @2275 has 132 MA's), (200, 2365), (211, 2413), (219, 2449), (221, 2458), (224, 2485), (236, 2521), (249, 2590), (251, 2599), (277, 2686), (286, 2740), (288, 2746), (289, 2755), (290, 2758), (296, 2803), (305, 2863), (339, 2983), (356, 3055), (359, 3070), (394, 3208), (411, 3265), (419, 3298), (420, 3301), (423, 3316), (432, 3343), (471, 3427), (476, 3442), (495, 3511), (515, 3550), (526, 3577), (539, 3610), (556, 3667), (575, 3718), (586, 3751),

Gene: ClamChowder_5 Start: 1791, Stop: 3395, Start Num: 123
Candidate Starts for ClamChowder_5:
(Start: 123 @1791 has 31 MA's), (Start: 144 @1839 has 1 MA's), (200, 1962), (219, 2034), (228, 2085), (235, 2106), (238, 2124), (254, 2193), (278, 2274), (281, 2289), (284, 2316), (290, 2343), (295, 2376), (299, 2409), (304, 2445), (307, 2454), (370, 2757), (417, 2883), (426, 2925), (442, 2961), (455, 2994), (462, 3018), (492, 3087), (503, 3096), (509, 3108), (546, 3225), (557, 3261), (561, 3273), (580, 3321),

Gene: Clancy_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Clancy_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Clawz_2 Start: 1099, Stop: 2844, Start Num: 120
Candidate Starts for Clawz_2:
(Start: 101 @1063 has 6 MA's), (Start: 120 @1099 has 7 MA's), (131, 1111), (142, 1138), (165, 1171), (218, 1336), (219, 1339), (221, 1348), (225, 1378), (248, 1477), (288, 1678), (291, 1699), (303, 1789), (326, 1894), (343, 1960), (362, 2014), (364, 2026), (367, 2050), (420, 2221), (426, 2248), (438, 2278), (447, 2296), (467, 2353), (486, 2419), (540, 2566), (559, 2635), (560, 2638), (565, 2653), (569, 2665), (577, 2689), (592, 2722), (595, 2746), (598, 2755), (601, 2773), (605, 2809), (606, 2818), (607, 2821), (609, 2836),

Gene: ClearAsMud_3 Start: 1180, Stop: 2802, Start Num: 125
Candidate Starts for ClearAsMud_3:
(22, 850), (31, 913), (Start: 125 @1180 has 21 MA's), (Start: 134 @1198 has 8 MA's), (135, 1201), (Start: 180 @1276 has 1 MA's), (194, 1333), (221, 1444), (249, 1576), (251, 1585), (256, 1606), (266, 1642), (286, 1726), (288, 1732), (289, 1741), (290, 1744), (395, 2173), (398, 2182), (436, 2317), (444, 2332), (453, 2356), (462, 2383), (471, 2404), (476, 2419), (489, 2470), (495, 2488), (526, 2554), (539, 2593), (543, 2605), (556, 2650), (567, 2686), (576, 2704),

Gene: Clock_2 Start: 636, Stop: 2102, Start Num: 145
Candidate Starts for Clock_2:
(Start: 145 @636 has 3 MA's), (Start: 151 @642 has 1 MA's), (193, 732), (218, 828), (220, 834), (228, 882), (231, 891), (246, 957), (249, 969), (278, 1053), (282, 1080), (285, 1101), (291, 1131), (299, 1188), (300, 1191), (302, 1203), (305, 1227), (314, 1284), (319, 1302), (368, 1491), (384, 1548), (397, 1578), (424, 1686), (458, 1770), (476, 1824), (481, 1851), (495, 1893), (532, 1977), (542, 1992), (556, 2040), (574, 2091),

Gene: CloverMinnie_6 Start: 3931, Stop: 5652, Start Num: 82
Candidate Starts for CloverMinnie_6:
(47, 3829), (Start: 82 @3931 has 9 MA's), (Start: 91 @3949 has 1 MA's), (Start: 127 @4012 has 5 MA's), (172, 4090), (198, 4168), (204, 4189), (219, 4246), (221, 4255), (224, 4282), (226, 4291), (230, 4303), (247, 4381), (275, 4507), (282, 4555), (296, 4642), (298, 4654), (299, 4663), (301, 4669), (304,

4699), (305, 4702), (318, 4771), (329, 4801), (343, 4861), (455, 5224), (467, 5260), (481, 5311), (497, 5353), (522, 5401), (545, 5491), (556, 5527), (591, 5614), (599, 5632),

Gene: Cobra_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Cobra_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Coco2012_4 Start: 2433, Stop: 4175, Start Num: 76
Candidate Starts for Coco2012_4:
(50, 2358), (Start: 76 @2433 has 10 MA's), (133, 2544), (136, 2553), (172, 2610), (195, 2679), (197, 2682), (219, 2766), (221, 2775), (226, 2811), (230, 2823), (279, 3051), (298, 3174), (299, 3183), (301, 3189), (343, 3381), (369, 3501), (394, 3564), (419, 3645), (420, 3648), (465, 3774), (467, 3780), (504, 3888), (537, 3975), (539, 3987), (541, 3993), (543, 3999), (545, 4011), (548, 4020), (556, 4047), (558, 4056), (599, 4152),

Gene: Coffee_7 Start: 4347, Stop: 6041, Start Num: 105
Candidate Starts for Coffee_7:
(Start: 101 @4341 has 6 MA's), (Start: 105 @4347 has 31 MA's), (195, 4527), (216, 4608), (224, 4659), (226, 4668), (233, 4689), (257, 4797), (260, 4809), (291, 4983), (296, 5019), (298, 5031), (299, 5040), (312, 5121), (343, 5238), (344, 5241), (365, 5316), (369, 5352), (391, 5409), (426, 5529), (438, 5559), (447, 5577), (455, 5598), (465, 5628), (467, 5634), (480, 5673), (489, 5709), (500, 5736), (522, 5778), (537, 5832), (541, 5850), (556, 5904), (585, 5976),

Gene: ColaCorta_2 Start: 512, Stop: 1960, Start Num: 175
Candidate Starts for ColaCorta_2:
(Start: 145 @470 has 3 MA's), (148, 473), (Start: 175 @512 has 21 MA's), (Start: 180 @518 has 1 MA's), (195, 584), (205, 623), (218, 674), (252, 827), (282, 926), (285, 947), (291, 977), (292, 980), (299, 1034), (300, 1037), (302, 1049), (319, 1142), (345, 1241), (362, 1286), (377, 1370), (397, 1418), (424, 1514), (427, 1526), (431, 1535), (447, 1571), (458, 1601), (459, 1610), (463, 1619), (495, 1724), (520, 1772), (522, 1775), (532, 1808), (542, 1850), (544, 1862), (558, 1907), (574, 1949),

Gene: Colbert_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Colbert_2:
(32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: ColdSoup_2 Start: 1099, Stop: 2844, Start Num: 120
Candidate Starts for ColdSoup_2:
(Start: 101 @1063 has 6 MA's), (Start: 120 @1099 has 7 MA's), (Start: 129 @1108 has 4 MA's), (131, 1111), (142, 1138), (165, 1171), (218, 1336), (219, 1339), (221, 1348), (225, 1378), (258, 1516), (262, 1534), (288, 1678), (291, 1699), (296, 1735), (303, 1789), (326, 1894), (343, 1960), (344, 1963), (364, 2026), (367, 2050), (395, 2140), (419, 2218), (420, 2221), (426, 2248), (438, 2278), (447, 2296), (467, 2353), (486, 2419), (540, 2566), (577, 2689), (583, 2701), (592, 2722), (595, 2746), (601, 2773), (605, 2809), (607, 2821), (608, 2824),

Gene: Coldpizza_7 Start: 4474, Stop: 6183, Start Num: 94

Candidate Starts for Coldpizza_7:
(65, 4411), (Start: 84 @4447 has 1 MA's), (Start: 94 @4474 has 2 MA's), (211, 4741), (220, 4771), (221, 4777), (262, 4963), (278, 5050), (279, 5053), (291, 5128), (298, 5176), (369, 5497), (383, 5533), (389, 5545), (420, 5644), (455, 5740), (485, 5839), (495, 5869), (500, 5878), (517, 5920), (537, 5983), (556, 6055), (574, 6109),

Gene: Coletti_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Coletti_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Compostia_6 Start: 2714, Stop: 4474, Start Num: 70
Candidate Starts for Compostia_6:
(4, 2240), (7, 2273), (11, 2339), (19, 2435), (Start: 64 @2696 has 4 MA's), (Start: 70 @2714 has 34 MA's), (Start: 82 @2732 has 9 MA's), (122, 2813), (211, 3026), (220, 3056), (221, 3062), (224, 3089), (236, 3125), (253, 3209), (278, 3335), (291, 3413), (299, 3470), (303, 3503), (332, 3617), (343, 3671), (371, 3791), (379, 3812), (412, 3908), (426, 3959), (438, 3989), (439, 3992), (455, 4028), (467, 4064), (489, 4139), (500, 4166), (504, 4175), (528, 4226), (536, 4259), (539, 4274), (543, 4286), (556, 4334), (559, 4346), (573, 4385), (574, 4388), (599, 4439),

Gene: Convict_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Convict_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (246, 816), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Cooper_4 Start: 2380, Stop: 4131, Start Num: 80
Candidate Starts for Cooper_4:
(45, 2281), (Start: 75 @2374 has 1 MA's), (Start: 80 @2380 has 25 MA's), (113, 2440), (165, 2530), (Start: 186 @2569 has 1 MA's), (191, 2599), (196, 2611), (205, 2647), (211, 2671), (220, 2704), (221, 2710), (224, 2737), (245, 2827), (264, 2902), (275, 2962), (283, 3019), (291, 3061), (292, 3064), (299, 3118), (309, 3187), (312, 3199), (316, 3217), (343, 3316), (344, 3319), (362, 3376), (394, 3499), (410, 3550), (418, 3577), (419, 3586), (425, 3613), (438, 3646), (450, 3676), (455, 3685), (465, 3715), (467, 3721), (468, 3724), (489, 3796), (522, 3871), (537, 3925), (541, 3943), (549, 3973), (561, 4015), (566, 4030), (568, 4036), (574, 4051), (576, 4057), (599, 4102),

Gene: CoraRita_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for CoraRita_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Cornbread_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Cornbread_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088),

(556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Cornobble_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Cornobble_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Corofin_6 Start: 2714, Stop: 4471, Start Num: 70
Candidate Starts for Corofin_6:
(Start: 64 @2696 has 4 MA's), (Start: 70 @2714 has 34 MA's), (Start: 82 @2732 has 9 MA's), (122, 2810), (211, 3023), (220, 3053), (221, 3059), (224, 3086), (236, 3122), (253, 3206), (278, 3332), (291, 3410), (299, 3467), (303, 3500), (332, 3614), (343, 3668), (371, 3788), (379, 3809), (412, 3905), (426, 3956), (438, 3986), (439, 3989), (467, 4061), (489, 4136), (500, 4163), (504, 4172), (528, 4223), (536, 4256), (539, 4271), (543, 4283), (559, 4343), (573, 4382), (574, 4385), (599, 4436),

Gene: Cosmolli16_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Cosmolli16_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: CoveyB_5 Start: 1791, Stop: 3395, Start Num: 123
Candidate Starts for CoveyB_5:
(Start: 123 @1791 has 31 MA's), (Start: 144 @1839 has 1 MA's), (200, 1962), (219, 2034), (228, 2085), (235, 2106), (238, 2124), (254, 2193), (278, 2274), (281, 2289), (284, 2316), (290, 2343), (295, 2376), (299, 2409), (304, 2445), (307, 2454), (370, 2757), (416, 2877), (417, 2883), (426, 2925), (442, 2961), (455, 2994), (462, 3018), (492, 3087), (503, 3096), (509, 3108), (542, 3207), (546, 3225), (561, 3273), (572, 3303), (580, 3321),

Gene: Craff_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Craff_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Cranjis_3 Start: 911, Stop: 2533, Start Num: 124
Candidate Starts for Cranjis_3:
(48, 749), (55, 773), (107, 890), (Start: 124 @911 has 19 MA's), (Start: 134 @929 has 8 MA's), (135, 932), (Start: 180 @1007 has 1 MA's), (194, 1064), (221, 1175), (234, 1235), (249, 1307), (251, 1316), (256, 1337), (266, 1373), (286, 1457), (288, 1463), (289, 1472), (290, 1475), (395, 1904), (398, 1913), (444, 2063), (453, 2087), (471, 2135), (489, 2201), (495, 2219), (526, 2285), (539, 2324), (543, 2336), (544, 2345), (576, 2435), (592, 2477), (594, 2489),

Gene: CrazyRich_3 Start: 911, Stop: 2533, Start Num: 124
Candidate Starts for CrazyRich_3:

(48, 749), (55, 773), (107, 890), (Start: 124 @911 has 19 MA's), (Start: 134 @929 has 8 MA's), (135, 932), (Start: 180 @1007 has 1 MA's), (194, 1064), (221, 1175), (234, 1235), (249, 1307), (251, 1316), (256, 1337), (266, 1373), (286, 1457), (288, 1463), (289, 1472), (290, 1475), (395, 1904), (398, 1913), (444, 2063), (453, 2087), (462, 2114), (471, 2135), (476, 2150), (489, 2201), (495, 2219), (526, 2285), (539, 2324), (543, 2336), (544, 2345), (567, 2417), (576, 2435), (592, 2477), (594, 2489),

Gene: Cressida_4 Start: 2173, Stop: 3813, Start Num: 114
Candidate Starts for Cressida_4:
(14, 1735), (20, 1837), (38, 1945), (Start: 114 @2173 has 6 MA's), (138, 2221), (Start: 166 @2272 has 132 MA's), (200, 2362), (211, 2410), (214, 2419), (221, 2455), (224, 2482), (236, 2518), (249, 2587), (251, 2596), (277, 2683), (286, 2737), (288, 2743), (289, 2752), (290, 2755), (296, 2800), (305, 2860), (339, 2980), (356, 3052), (359, 3067), (394, 3205), (411, 3262), (419, 3295), (420, 3298), (423, 3313), (424, 3319), (471, 3424), (476, 3439), (495, 3508), (515, 3547), (526, 3574), (539, 3607), (556, 3664), (573, 3709), (575, 3715), (586, 3748),

Gene: Crisis_3 Start: 911, Stop: 2533, Start Num: 124
Candidate Starts for Crisis_3:
(34, 686), (48, 749), (55, 773), (107, 890), (Start: 124 @911 has 19 MA's), (Start: 134 @929 has 8 MA's), (135, 932), (Start: 180 @1007 has 1 MA's), (194, 1064), (221, 1175), (234, 1235), (249, 1307), (251, 1316), (256, 1337), (266, 1373), (286, 1457), (288, 1463), (289, 1472), (290, 1475), (395, 1904), (398, 1913), (444, 2063), (453, 2087), (462, 2114), (471, 2135), (476, 2150), (489, 2201), (495, 2219), (526, 2285), (539, 2324), (543, 2336), (544, 2345), (576, 2435), (592, 2477), (594, 2489),

Gene: Crownjwl_3 Start: 797, Stop: 2584, Start Num: 83
Candidate Starts for Crownjwl_3:
(Start: 83 @797 has 309 MA's), (165, 956), (Start: 186 @995 has 1 MA's), (211, 1097), (221, 1136), (226, 1172), (249, 1268), (257, 1301), (275, 1388), (279, 1412), (283, 1445), (286, 1460), (291, 1487), (292, 1490), (299, 1544), (305, 1583), (312, 1625), (343, 1742), (344, 1745), (394, 1928), (412, 1988), (420, 2021), (450, 2108), (468, 2156), (522, 2303), (528, 2321), (556, 2429), (561, 2447), (569, 2471), (574, 2483), (599, 2561),

Gene: D12_02 Start: 348, Stop: 1952, Start Num: 118
Candidate Starts for D12_02:
(Start: 118 @348 has 8 MA's), (165, 426), (172, 438), (219, 594), (221, 603), (229, 648), (239, 687), (240, 690), (258, 771), (278, 876), (291, 954), (295, 978), (296, 990), (332, 1158), (338, 1176), (362, 1263), (364, 1275), (382, 1359), (391, 1380), (394, 1389), (395, 1392), (397, 1398), (413, 1452), (419, 1470), (421, 1476), (426, 1500), (438, 1530), (467, 1605), (484, 1656), (510, 1719), (516, 1731), (547, 1824), (550, 1833), (553, 1839), (556, 1857), (570, 1902), (577, 1923), (582, 1932), (587, 1944), (589, 1947),

Gene: DaddyDaniels_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for DaddyDaniels_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Daffy_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Daffy_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509),

(344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Daisy_6 Start: 2714, Stop: 4477, Start Num: 70
Candidate Starts for Daisy_6:
(Start: 64 @2696 has 4 MA's), (Start: 70 @2714 has 34 MA's), (Start: 82 @2735 has 9 MA's), (122, 2816), (211, 3029), (220, 3059), (221, 3065), (224, 3092), (236, 3128), (253, 3212), (278, 3338), (291, 3416), (299, 3473), (303, 3506), (332, 3620), (343, 3674), (371, 3794), (379, 3815), (412, 3911), (426, 3962), (438, 3992), (439, 3995), (467, 4067), (489, 4142), (500, 4169), (504, 4178), (528, 4229), (536, 4262), (539, 4277), (543, 4289), (559, 4349), (573, 4388), (574, 4391), (599, 4442),

Gene: Daka_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Daka_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (465, 1914), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Danyall_5 Start: 1791, Stop: 3395, Start Num: 123
Candidate Starts for Danyall_5:
(Start: 123 @1791 has 31 MA's), (Start: 144 @1839 has 1 MA's), (200, 1962), (219, 2034), (228, 2085), (235, 2106), (238, 2124), (254, 2193), (278, 2274), (281, 2289), (284, 2316), (290, 2343), (295, 2376), (299, 2409), (304, 2445), (307, 2454), (370, 2757), (416, 2877), (417, 2883), (426, 2925), (442, 2961), (455, 2994), (462, 3018), (492, 3087), (503, 3096), (509, 3108), (542, 3207), (546, 3225), (561, 3273), (572, 3303), (580, 3321),

Gene: Dati_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Dati_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Dave_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Dave_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: DelRivs_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for DelRivs_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Delphidian_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Delphidian_2:

(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Den3_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Den3_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Derg_2 Start: 512, Stop: 2104, Start Num: 139
Candidate Starts for Derg_2:
(Start: 139 @512 has 42 MA's), (143, 518), (Start: 160 @545 has 12 MA's), (191, 620), (200, 650), (205, 671), (211, 695), (219, 722), (226, 767), (233, 788), (243, 839), (249, 863), (252, 875), (284, 1004), (296, 1076), (299, 1097), (304, 1133), (306, 1139), (307, 1142), (324, 1226), (332, 1247), (361, 1379), (365, 1406), (367, 1418), (394, 1511), (421, 1604), (437, 1655), (454, 1694), (462, 1721), (466, 1730), (504, 1802), (509, 1811), (514, 1823), (519, 1832), (530, 1862), (534, 1877), (561, 1976), (567, 1994), (599, 2084),

Gene: Derpp_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Derpp_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Devonte_6 Start: 2714, Stop: 4474, Start Num: 70
Candidate Starts for Devonte_6:
(4, 2240), (7, 2273), (11, 2339), (19, 2435), (Start: 64 @2696 has 4 MA's), (Start: 70 @2714 has 34 MA's), (Start: 82 @2732 has 9 MA's), (122, 2813), (211, 3026), (220, 3056), (221, 3062), (224, 3089), (236, 3125), (253, 3209), (278, 3335), (291, 3413), (299, 3470), (303, 3503), (306, 3512), (309, 3539), (332, 3617), (343, 3671), (371, 3791), (379, 3812), (412, 3908), (426, 3959), (438, 3989), (439, 3992), (467, 4064), (489, 4139), (500, 4166), (504, 4175), (528, 4226), (536, 4259), (539, 4274), (543, 4286), (556, 4334), (559, 4346), (573, 4385), (574, 4388), (599, 4439),

Gene: Dewdrop_5 Start: 2370, Stop: 4109, Start Num: 89
Candidate Starts for Dewdrop_5:
(Start: 89 @2370 has 1 MA's), (Start: 91 @2376 has 1 MA's), (108, 2409), (111, 2415), (183, 2550), (214, 2673), (221, 2709), (239, 2793), (240, 2796), (259, 2877), (277, 2937), (282, 2964), (286, 2988), (292, 3018), (303, 3105), (307, 3117), (310, 3144), (328, 3201), (359, 3327), (365, 3363), (453, 3648), (470, 3699), (471, 3702), (491, 3777), (515, 3825), (520, 3837), (556, 3948), (578, 4008), (600, 4083),

Gene: Dexdert_2 Start: 558, Stop: 2156, Start Num: 128
Candidate Starts for Dexdert_2:
(Start: 128 @558 has 7 MA's), (181, 642), (193, 690), (200, 714), (205, 735), (211, 759), (219, 786), (225, 825), (235, 858), (238, 876), (240, 882), (251, 936), (252, 939), (278, 1026), (284, 1068), (293, 1122), (296, 1140), (299, 1161), (307, 1206), (321, 1278), (324, 1290), (332, 1311), (346, 1386), (361, 1443), (363, 1452), (365, 1470), (367, 1482), (394, 1569), (425, 1683), (442, 1722), (462, 1779), (503, 1857), (561, 2034), (567, 2052), (581, 2085),

Gene: Dice_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Dice_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: DigitDog_6 Start: 3572, Stop: 5338, Start Num: 83
Candidate Starts for DigitDog_6:
(23, 3338), (24, 3347), (25, 3359), (39, 3431), (65, 3536), (Start: 83 @3572 has 309 MA's), (99, 3599), (Start: 160 @3713 has 12 MA's), (165, 3722), (221, 3899), (250, 4037), (251, 4040), (257, 4064), (260, 4076), (264, 4091), (285, 4220), (291, 4250), (292, 4253), (300, 4310), (301, 4313), (302, 4322), (309, 4376), (312, 4388), (343, 4505), (349, 4526), (380, 4670), (447, 4862), (455, 4883), (475, 4943), (478, 4955), (494, 5009), (522, 5069), (531, 5099), (536, 5120), (539, 5135), (541, 5141), (556, 5195), (574, 5249),

Gene: Dingo_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Dingo_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (465, 1914), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Dione_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Dione_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: DirtJuice_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for DirtJuice_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Doddsville_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Doddsville_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: DoesntMatter_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for DoesntMatter_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283,

1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: DolOn_3 Start: 797, Stop: 2584, Start Num: 83
Candidate Starts for DolOn_3:
(Start: 83 @797 has 309 MA's), (165, 956), (Start: 186 @995 has 1 MA's), (211, 1097), (221, 1136), (226, 1172), (249, 1268), (257, 1301), (275, 1388), (279, 1412), (283, 1445), (286, 1460), (291, 1487), (292, 1490), (299, 1544), (305, 1583), (312, 1625), (343, 1742), (344, 1745), (394, 1928), (412, 1988), (420, 2021), (450, 2108), (468, 2156), (522, 2303), (528, 2321), (556, 2429), (561, 2447), (569, 2471), (574, 2483), (599, 2561),

Gene: DonSanchon_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for DonSanchon_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: DonTron_2 Start: 1096, Stop: 2841, Start Num: 120
Candidate Starts for DonTron_2:
(Start: 120 @1096 has 7 MA's), (Start: 129 @1105 has 4 MA's), (131, 1108), (142, 1135), (165, 1168), (218, 1333), (219, 1336), (221, 1345), (225, 1375), (258, 1513), (262, 1531), (288, 1675), (291, 1696), (303, 1786), (326, 1891), (343, 1957), (364, 2023), (367, 2047), (395, 2137), (419, 2215), (420, 2218), (426, 2245), (438, 2275), (447, 2293), (467, 2350), (486, 2416), (577, 2686), (583, 2698), (592, 2719), (595, 2743), (601, 2770), (605, 2806), (607, 2818),

Gene: Donny_6 Start: 3581, Stop: 5347, Start Num: 83
Candidate Starts for Donny_6:
(23, 3347), (24, 3356), (25, 3368), (39, 3440), (65, 3545), (Start: 83 @3581 has 309 MA's), (95, 3602), (99, 3608), (Start: 160 @3722 has 12 MA's), (165, 3731), (221, 3908), (250, 4046), (251, 4049), (257, 4073), (260, 4085), (264, 4100), (291, 4259), (292, 4262), (300, 4319), (301, 4322), (302, 4331), (309, 4385), (312, 4397), (343, 4514), (349, 4535), (380, 4679), (447, 4871), (455, 4892), (475, 4952), (478, 4964), (485, 4991), (494, 5018), (522, 5078), (531, 5108), (536, 5129), (539, 5144), (541, 5150), (556, 5204), (574, 5258),

Gene: Dori_3 Start: 815, Stop: 2365, Start Num: 150
Candidate Starts for Dori_3:
(Start: 150 @815 has 4 MA's), (172, 842), (201, 926), (211, 971), (219, 998), (230, 1052), (233, 1061), (234, 1064), (239, 1088), (241, 1094), (249, 1136), (253, 1148), (276, 1238), (286, 1289), (289, 1304), (300, 1376), (305, 1412), (307, 1418), (312, 1454), (313, 1457), (332, 1502), (340, 1529), (342, 1547), (343, 1553), (344, 1556), (359, 1595), (365, 1631), (366, 1637), (367, 1643), (370, 1670), (375, 1685), (380, 1700), (384, 1706), (391, 1724), (394, 1733), (395, 1736), (410, 1784), (417, 1811), (421, 1820), (426, 1844), (438, 1874), (447, 1892), (455, 1913), (467, 1949), (468, 1952), (472, 1964), (476, 1976), (480, 1991), (483, 2009), (496, 2042), (502, 2054), (510, 2072), (511, 2075), (516, 2084), (518, 2090), (525, 2105), (547, 2177), (550, 2186), (551, 2189), (556, 2210), (573, 2261), (594, 2327),

Gene: Dothraki_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Dothraki_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671),

(485, 1683), (522, 1764), (542, 1812), (574, 1911),

Gene: DreamEater_1 Start: 1, Stop: 1500, Start Num: 156
Candidate Starts for DreamEater_1:
(Start: 156 @1 has 9 MA's), (164, 13), (Start: 180 @34 has 1 MA's), (200, 103), (264, 376), (280, 442), (301, 574), (303, 601), (304, 604), (306, 610), (307, 613), (407, 961), (420, 1012), (424, 1033), (434, 1063), (441, 1075), (456, 1111), (462, 1135), (467, 1147), (476, 1174), (477, 1177), (484, 1207), (485, 1210), (512, 1282), (524, 1315), (552, 1411), (555, 1417),

Gene: DuchessDung_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for DuchessDung_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Duggie_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Duggie_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Duocatuli_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Duocatuli_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Durga_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Durga_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: EMoore_2 Start: 534, Stop: 2189, Start Num: 134
Candidate Starts for EMoore_2:
(Start: 134 @534 has 8 MA's), (191, 657), (193, 663), (200, 687), (205, 708), (211, 732), (214, 741), (218, 756), (219, 759), (220, 762), (235, 831), (240, 855), (249, 900), (252, 912), (278, 999), (284, 1041), (295, 1101), (296, 1113), (299, 1134), (304, 1170), (307, 1179), (321, 1251), (324, 1263), (332, 1284), (337, 1308), (361, 1446), (365, 1473), (425, 1692), (429, 1704), (442, 1731), (454, 1761), (462, 1788), (469, 1806), (503, 1887), (519, 1920), (530, 1950), (546, 2016), (561, 2064), (572, 2094), (579, 2112), (596, 2163),

Gene: Eaglehorse_7 Start: 4248, Stop: 5942, Start Num: 105
Candidate Starts for Eaglehorse_7:
(Start: 101 @4242 has 6 MA's), (Start: 105 @4248 has 31 MA's), (195, 4428), (216, 4509), (224, 4560), (226, 4569), (233, 4590), (257, 4698), (260, 4710), (291, 4884), (296, 4920), (298, 4932), (299, 4941),

(312, 5022), (343, 5139), (344, 5142), (365, 5217), (369, 5253), (391, 5310), (426, 5430), (438, 5460), (447, 5478), (455, 5499), (465, 5529), (467, 5535), (480, 5574), (489, 5610), (500, 5637), (522, 5679), (537, 5733), (541, 5751), (556, 5805), (585, 5877),

Gene: EarickHC_3 Start: 911, Stop: 2533, Start Num: 124
Candidate Starts for EarickHC_3:
(34, 686), (48, 749), (55, 773), (107, 890), (Start: 124 @911 has 19 MA's), (Start: 134 @929 has 8 MA's), (135, 932), (Start: 180 @1007 has 1 MA's), (194, 1064), (221, 1175), (234, 1235), (249, 1307), (251, 1316), (256, 1337), (266, 1373), (286, 1457), (288, 1463), (289, 1472), (290, 1475), (395, 1904), (398, 1913), (444, 2063), (453, 2087), (462, 2114), (471, 2135), (476, 2150), (489, 2201), (495, 2219), (526, 2285), (539, 2324), (543, 2336), (544, 2345), (576, 2435), (592, 2477), (594, 2489),

Gene: EastView9101_6 Start: 3581, Stop: 5347, Start Num: 83
Candidate Starts for EastView9101_6:
(23, 3347), (24, 3356), (25, 3368), (39, 3440), (65, 3545), (Start: 83 @3581 has 309 MA's), (95, 3602), (99, 3608), (Start: 160 @3722 has 12 MA's), (165, 3731), (221, 3908), (250, 4046), (251, 4049), (257, 4073), (260, 4085), (264, 4100), (291, 4259), (292, 4262), (300, 4319), (301, 4322), (302, 4331), (309, 4385), (312, 4397), (343, 4514), (349, 4535), (380, 4679), (447, 4871), (455, 4892), (475, 4952), (478, 4964), (485, 4991), (494, 5018), (522, 5078), (531, 5108), (536, 5129), (539, 5144), (541, 5150), (556, 5204), (574, 5258),

Gene: EdmundFerry_2 Start: 558, Stop: 2156, Start Num: 128
Candidate Starts for EdmundFerry_2:
(Start: 128 @558 has 7 MA's), (181, 642), (193, 690), (200, 714), (205, 735), (211, 759), (219, 786), (225, 825), (235, 858), (238, 876), (240, 882), (251, 936), (252, 939), (278, 1026), (284, 1068), (293, 1122), (296, 1140), (299, 1161), (307, 1206), (321, 1278), (324, 1290), (332, 1311), (346, 1386), (361, 1443), (363, 1452), (365, 1470), (367, 1482), (394, 1569), (425, 1683), (442, 1722), (462, 1779), (503, 1857), (561, 2034), (567, 2052), (581, 2085),

Gene: Egi03_5 Start: 1770, Stop: 3377, Start Num: 123
Candidate Starts for Egi03_5:
(68, 1671), (Start: 123 @1770 has 31 MA's), (Start: 144 @1818 has 1 MA's), (219, 2016), (225, 2055), (235, 2088), (242, 2127), (243, 2133), (254, 2175), (278, 2256), (284, 2298), (287, 2310), (299, 2391), (304, 2427), (307, 2436), (332, 2541), (365, 2700), (367, 2712), (394, 2799), (417, 2865), (426, 2907), (455, 2976), (462, 3000), (492, 3069), (503, 3078), (509, 3090), (539, 3180), (546, 3207), (561, 3255), (580, 3303),

Gene: Eleri_2 Start: 513, Stop: 1961, Start Num: 175
Candidate Starts for Eleri_2:
(Start: 175 @513 has 21 MA's), (195, 585), (205, 624), (218, 675), (252, 828), (282, 927), (285, 948), (291, 978), (292, 981), (299, 1035), (300, 1038), (302, 1050), (319, 1143), (345, 1242), (362, 1287), (377, 1371), (397, 1419), (424, 1515), (427, 1527), (431, 1536), (442, 1560), (447, 1572), (458, 1602), (459, 1611), (461, 1617), (463, 1620), (495, 1725), (520, 1773), (522, 1776), (532, 1809), (542, 1851), (544, 1863), (558, 1908), (574, 1950),

Gene: ElvisPhasley_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for ElvisPhasley_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: EmGer13_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for EmGer13_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Emiris_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Emiris_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: EmpTee_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for EmpTee_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Endor_2 Start: 522, Stop: 1931, Start Num: 166
Candidate Starts for Endor_2:
(Start: 166 @522 has 132 MA's), (195, 606), (207, 651), (209, 660), (218, 696), (252, 849), (282, 948), (291, 999), (302, 1071), (304, 1092), (312, 1137), (313, 1140), (333, 1200), (345, 1236), (364, 1293), (398, 1416), (424, 1512), (427, 1524), (447, 1569), (458, 1599), (459, 1608), (463, 1617), (481, 1680), (522, 1773), (542, 1821), (562, 1890), (574, 1920),

Gene: Epah_4 Start: 2364, Stop: 4109, Start Num: 69
Candidate Starts for Epah_4:
(Start: 69 @2364 has 4 MA's), (113, 2424), (165, 2514), (Start: 186 @2553 has 1 MA's), (191, 2583), (196, 2595), (205, 2631), (211, 2655), (220, 2688), (221, 2694), (226, 2730), (245, 2811), (264, 2886), (275, 2946), (283, 3003), (291, 3045), (292, 3048), (299, 3102), (309, 3171), (312, 3183), (316, 3201), (343, 3300), (344, 3303), (362, 3360), (380, 3450), (391, 3474), (394, 3483), (412, 3543), (425, 3597), (438, 3630), (450, 3660), (455, 3669), (465, 3699), (467, 3705), (468, 3708), (489, 3780), (522, 3855), (537, 3909), (541, 3927), (549, 3957), (566, 4014), (568, 4020), (574, 4035), (599, 4086),

Gene: Eremos_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Eremos_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Erla_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Erla_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671),

(522, 1764), (542, 1812), (574, 1911),

Gene: Espinosa_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Espinosa_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (239, 780), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (447, 1560), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Etaye_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Etaye_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Etna_2 Start: 522, Stop: 1925, Start Num: 166
Candidate Starts for Etna_2:
(Start: 166 @522 has 132 MA's), (195, 603), (209, 657), (218, 693), (239, 786), (252, 846), (282, 945), (291, 996), (302, 1068), (304, 1089), (312, 1134), (313, 1137), (333, 1197), (345, 1233), (362, 1278), (364, 1290), (398, 1413), (424, 1509), (427, 1521), (447, 1566), (458, 1596), (459, 1605), (463, 1614), (481, 1677), (522, 1770), (532, 1803), (542, 1818), (562, 1887),

Gene: Etta_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Etta_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Eugenia_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Eugenia_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Evaa_6 Start: 3949, Stop: 5649, Start Num: 94
Candidate Starts for Evaa_6:
(78, 3913), (Start: 84 @3922 has 1 MA's), (Start: 94 @3949 has 2 MA's), (181, 4090), (191, 4135), (195, 4147), (201, 4165), (211, 4207), (220, 4237), (221, 4243), (278, 4516), (279, 4519), (291, 4594), (292, 4597), (298, 4642), (299, 4651), (303, 4684), (312, 4732), (389, 5011), (419, 5107), (420, 5110), (421, 5113), (439, 5170), (445, 5179), (455, 5206), (478, 5278), (480, 5281), (500, 5344), (517, 5386), (556, 5521), (574, 5575),

Gene: Evamon_5 Start: 1655, Stop: 3259, Start Num: 123
Candidate Starts for Evamon_5:
(5, 1079), (18, 1250), (26, 1352), (29, 1367), (36, 1394), (115, 1637), (Start: 123 @1655 has 31 MA's), (Start: 144 @1703 has 1 MA's), (200, 1826), (219, 1898), (228, 1949), (235, 1970), (238, 1988), (254, 2057), (278, 2138), (281, 2153), (284, 2180), (290, 2207), (295, 2240), (299, 2273), (304, 2309), (307, 2318), (369, 2618), (416, 2741), (417, 2747), (426, 2789), (442, 2825), (455, 2858), (462, 2882), (492,

2951), (503, 2960), (509, 2972), (546, 3089), (561, 3137), (580, 3185),

Gene: Exploradora_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Exploradora_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Fabyndrax_2 Start: 621, Stop: 2069, Start Num: 173
Candidate Starts for Fabyndrax_2:
(Start: 173 @621 has 7 MA's), (Start: 180 @630 has 1 MA's), (209, 747), (218, 783), (238, 873), (239, 876), (252, 936), (260, 954), (267, 981), (282, 1035), (285, 1056), (291, 1086), (297, 1125), (299, 1143), (300, 1146), (302, 1158), (319, 1251), (340, 1317), (368, 1440), (388, 1506), (397, 1527), (402, 1548), (424, 1623), (427, 1635), (431, 1644), (440, 1665), (447, 1680), (458, 1710), (459, 1719), (463, 1728), (476, 1764), (495, 1833), (522, 1884), (527, 1899), (532, 1917), (542, 1959), (544, 1971), (558, 2016), (574, 2058),

Gene: Fanaw_5 Start: 3458, Stop: 5206, Start Num: 80
Candidate Starts for Fanaw_5:
(Start: 80 @3458 has 25 MA's), (113, 3518), (165, 3608), (167, 3611), (Start: 186 @3647 has 1 MA's), (191, 3677), (196, 3689), (205, 3725), (211, 3749), (221, 3788), (230, 3836), (245, 3905), (264, 3980), (275, 4040), (283, 4097), (291, 4139), (292, 4142), (299, 4196), (309, 4265), (312, 4277), (343, 4394), (362, 4454), (380, 4544), (391, 4568), (394, 4577), (419, 4664), (425, 4691), (438, 4724), (450, 4754), (455, 4763), (465, 4793), (467, 4799), (468, 4802), (480, 4838), (489, 4874), (522, 4949), (537, 5003), (541, 5021), (549, 5051), (556, 5075), (566, 5108), (568, 5114), (574, 5129), (599, 5180),

Gene: Fang_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Fang_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: FarmerDoug_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for FarmerDoug_2:
(Start: 166 @522 has 132 MA's), (195, 597), (209, 651), (218, 687), (239, 780), (252, 840), (282, 939), (291, 990), (302, 1062), (304, 1083), (312, 1128), (313, 1131), (333, 1191), (345, 1227), (364, 1284), (398, 1407), (424, 1503), (431, 1524), (447, 1560), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (532, 1797), (542, 1812), (562, 1881), (574, 1911),

Gene: Faze9_7 Start: 4347, Stop: 6041, Start Num: 105
Candidate Starts for Faze9_7:
(Start: 101 @4341 has 6 MA's), (Start: 105 @4347 has 31 MA's), (195, 4527), (216, 4608), (224, 4659), (226, 4668), (233, 4689), (257, 4797), (260, 4809), (291, 4983), (296, 5019), (298, 5031), (299, 5040), (312, 5121), (343, 5238), (344, 5241), (365, 5316), (369, 5352), (391, 5409), (426, 5529), (438, 5559), (447, 5577), (455, 5598), (465, 5628), (467, 5634), (480, 5673), (489, 5709), (500, 5736), (522, 5778), (537, 5832), (541, 5850), (556, 5904), (585, 5976),

Gene: FelixTres_7 Start: 3931, Stop: 5652, Start Num: 82
Candidate Starts for FelixTres_7:

(47, 3829), (Start: 82 @3931 has 9 MA's), (Start: 91 @3949 has 1 MA's), (Start: 127 @4012 has 5 MA's), (172, 4090), (198, 4168), (204, 4189), (219, 4246), (221, 4255), (224, 4282), (226, 4291), (230, 4303), (247, 4381), (275, 4507), (282, 4555), (296, 4642), (298, 4654), (299, 4663), (301, 4669), (304, 4699), (329, 4801), (343, 4861), (455, 5224), (467, 5260), (481, 5311), (497, 5353), (522, 5401), (545, 5491), (556, 5527), (591, 5614), (599, 5632),

Gene: Figueroism_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Figueroism_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (246, 816), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Finny_2 Start: 513, Stop: 1961, Start Num: 175
Candidate Starts for Finny_2:
(Start: 175 @513 has 21 MA's), (195, 585), (205, 624), (218, 675), (239, 768), (252, 828), (282, 927), (285, 948), (291, 978), (292, 981), (299, 1035), (300, 1038), (302, 1050), (319, 1143), (362, 1287), (368, 1332), (377, 1371), (397, 1419), (424, 1515), (427, 1527), (431, 1536), (447, 1572), (458, 1602), (459, 1611), (463, 1620), (495, 1725), (520, 1773), (522, 1776), (532, 1809), (542, 1851), (544, 1863), (558, 1908), (574, 1950),

Gene: Fireball_5 Start: 1770, Stop: 3377, Start Num: 123
Candidate Starts for Fireball_5:
(68, 1671), (Start: 123 @1770 has 31 MA's), (Start: 144 @1818 has 1 MA's), (219, 2016), (225, 2055), (235, 2088), (242, 2127), (243, 2133), (254, 2175), (278, 2256), (284, 2298), (287, 2310), (299, 2391), (304, 2427), (307, 2436), (332, 2541), (365, 2700), (394, 2799), (417, 2865), (426, 2907), (455, 2976), (462, 3000), (492, 3069), (503, 3078), (509, 3090), (539, 3180), (546, 3207), (561, 3255), (580, 3303),

Gene: Fireman_3 Start: 1042, Stop: 2664, Start Num: 127
Candidate Starts for Fireman_3:
(Start: 127 @1042 has 5 MA's), (Start: 132 @1051 has 1 MA's), (Start: 134 @1057 has 8 MA's), (164, 1114), (Start: 180 @1135 has 1 MA's), (194, 1192), (214, 1267), (221, 1303), (251, 1444), (266, 1501), (286, 1585), (288, 1591), (289, 1600), (290, 1603), (369, 1969), (388, 2017), (398, 2041), (411, 2086), (428, 2158), (436, 2176), (471, 2263), (476, 2278), (481, 2305), (524, 2410), (526, 2413), (539, 2452), (544, 2473), (556, 2509), (567, 2545), (599, 2641),

Gene: Fitzgerald_2 Start: 514, Stop: 2106, Start Num: 139
Candidate Starts for Fitzgerald_2:
(Start: 139 @514 has 42 MA's), (143, 520), (205, 673), (219, 724), (225, 763), (226, 769), (233, 790), (249, 865), (252, 877), (284, 1006), (296, 1078), (299, 1099), (304, 1135), (307, 1144), (324, 1228), (332, 1249), (361, 1381), (365, 1408), (367, 1420), (429, 1639), (437, 1657), (462, 1723), (466, 1732), (504, 1804), (514, 1825), (519, 1834), (530, 1864), (534, 1879), (561, 1978), (567, 1996),

Gene: Flake_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Flake_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Flatwoods_2 Start: 512, Stop: 2104, Start Num: 139
Candidate Starts for Flatwoods_2:

(Start: 139 @512 has 42 MA's), (143, 518), (Start: 160 @545 has 12 MA's), (191, 620), (200, 650), (205, 671), (211, 695), (219, 722), (226, 767), (233, 788), (243, 839), (249, 863), (252, 875), (284, 1004), (296, 1076), (299, 1097), (304, 1133), (306, 1139), (307, 1142), (324, 1226), (332, 1247), (361, 1379), (365, 1406), (367, 1418), (394, 1511), (421, 1604), (437, 1655), (454, 1694), (462, 1721), (466, 1730), (504, 1802), (509, 1811), (514, 1823), (519, 1832), (530, 1862), (534, 1877), (561, 1976), (599, 2084),

Gene: FleetyMac_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for FleetyMac_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: FluffyNinja_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for FluffyNinja_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: ForDig_4 Start: 2384, Stop: 4144, Start Num: 80
Candidate Starts for ForDig_4:
(Start: 80 @2384 has 25 MA's), (162, 2543), (165, 2549), (200, 2645), (211, 2690), (221, 2729), (226, 2765), (249, 2858), (257, 2891), (264, 2918), (278, 2999), (279, 3002), (286, 3050), (291, 3077), (292, 3080), (299, 3134), (303, 3167), (343, 3332), (358, 3377), (387, 3491), (391, 3506), (394, 3515), (395, 3518), (412, 3575), (414, 3581), (435, 3650), (450, 3686), (455, 3695), (467, 3731), (480, 3770), (489, 3806), (506, 3848), (522, 3881), (537, 3935), (559, 4019), (566, 4040), (568, 4046), (574, 4061), (599, 4115),

Gene: Fortunato_4 Start: 3455, Stop: 5203, Start Num: 80
Candidate Starts for Fortunato_4:
(Start: 80 @3455 has 25 MA's), (113, 3515), (165, 3605), (Start: 186 @3644 has 1 MA's), (191, 3674), (196, 3686), (205, 3722), (211, 3746), (220, 3779), (221, 3785), (245, 3902), (264, 3977), (275, 4037), (283, 4094), (291, 4136), (292, 4139), (299, 4193), (309, 4262), (312, 4274), (343, 4391), (362, 4451), (391, 4565), (394, 4574), (412, 4634), (419, 4661), (425, 4688), (438, 4721), (450, 4751), (455, 4760), (467, 4796), (468, 4799), (480, 4835), (489, 4871), (522, 4946), (537, 5000), (541, 5018), (549, 5048), (556, 5072), (566, 5105), (568, 5111), (574, 5126), (599, 5177),

Gene: Fozzie_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Fozzie_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Frankicide_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Frankicide_2:
(32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286,

1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (465, 1914), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Frederick_5 Start: 3458, Stop: 5206, Start Num: 80
Candidate Starts for Frederick_5:
(Start: 80 @3458 has 25 MA's), (113, 3518), (165, 3608), (Start: 186 @3647 has 1 MA's), (191, 3677), (196, 3689), (205, 3725), (211, 3749), (220, 3782), (221, 3788), (230, 3836), (245, 3905), (264, 3980), (275, 4040), (283, 4097), (291, 4139), (292, 4142), (299, 4196), (309, 4265), (312, 4277), (343, 4394), (362, 4454), (380, 4544), (391, 4568), (394, 4577), (419, 4664), (425, 4691), (450, 4754), (455, 4763), (465, 4793), (467, 4799), (468, 4802), (480, 4838), (489, 4874), (522, 4949), (541, 5021), (549, 5051), (556, 5075), (566, 5108), (568, 5114), (574, 5129), (599, 5180),

Gene: FremontTroll_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for FremontTroll_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: FrenchFry_7 Start: 4347, Stop: 6041, Start Num: 105
Candidate Starts for FrenchFry_7:
(Start: 101 @4341 has 6 MA's), (Start: 105 @4347 has 31 MA's), (195, 4527), (216, 4608), (224, 4659), (226, 4668), (233, 4689), (257, 4797), (260, 4809), (291, 4983), (296, 5019), (298, 5031), (299, 5040), (312, 5121), (343, 5238), (344, 5241), (365, 5316), (369, 5352), (391, 5409), (426, 5529), (438, 5559), (447, 5577), (455, 5598), (465, 5628), (467, 5634), (480, 5673), (489, 5709), (500, 5736), (522, 5778), (537, 5832), (541, 5850), (556, 5904), (585, 5976),

Gene: Fresco_4 Start: 2439, Stop: 4172, Start Num: 76
Candidate Starts for Fresco_4:
(Start: 76 @2439 has 10 MA's), (136, 2550), (172, 2607), (195, 2676), (197, 2679), (219, 2763), (221, 2772), (226, 2808), (230, 2820), (298, 3171), (301, 3186), (343, 3378), (357, 3420), (369, 3498), (391, 3552), (394, 3561), (412, 3621), (419, 3642), (420, 3645), (438, 3702), (467, 3777), (537, 3972), (539, 3984), (541, 3990), (543, 3996), (545, 4008), (548, 4017), (558, 4053), (591, 4131), (599, 4149),

Gene: Freya_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Freya_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: FriarPreacher_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for FriarPreacher_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Fringe_2 Start: 564, Stop: 2351, Start Num: 83

Candidate Starts for Fringe_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: FuegoCuervo_2 Start: 514, Stop: 2106, Start Num: 139
Candidate Starts for FuegoCuervo_2:
(Start: 139 @514 has 42 MA's), (143, 520), (200, 652), (205, 673), (219, 724), (225, 763), (226, 769), (233, 790), (249, 865), (252, 877), (284, 1006), (293, 1060), (296, 1078), (299, 1099), (304, 1135), (307, 1144), (324, 1228), (332, 1249), (361, 1381), (365, 1408), (367, 1420), (386, 1489), (394, 1513), (429, 1639), (437, 1657), (462, 1723), (504, 1804), (509, 1813), (514, 1825), (519, 1834), (530, 1864), (534, 1879), (561, 1978), (579, 2026), (599, 2086),

Gene: FugateOSU_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for FugateOSU_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Fugax_5 Start: 1791, Stop: 3395, Start Num: 123
Candidate Starts for Fugax_5:
(Start: 123 @1791 has 31 MA's), (Start: 144 @1839 has 1 MA's), (200, 1962), (219, 2034), (228, 2085), (235, 2106), (238, 2124), (254, 2193), (278, 2274), (281, 2289), (284, 2316), (290, 2343), (295, 2376), (299, 2409), (304, 2445), (307, 2454), (370, 2757), (417, 2883), (426, 2925), (442, 2961), (455, 2994), (462, 3018), (492, 3087), (503, 3096), (509, 3108), (546, 3225), (557, 3261), (561, 3273), (580, 3321),

Gene: Fulton_2 Start: 512, Stop: 1960, Start Num: 147
Candidate Starts for Fulton_2:
(30, 167), (35, 188), (43, 233), (78, 350), (122, 455), (126, 461), (Start: 147 @512 has 12 MA's), (155, 521), (193, 617), (209, 677), (215, 704), (218, 713), (220, 719), (228, 767), (237, 797), (246, 842), (265, 905), (279, 941), (282, 965), (291, 1016), (302, 1088), (319, 1187), (345, 1265), (377, 1394), (378, 1397), (384, 1412), (397, 1442), (424, 1544), (474, 1676), (481, 1709), (507, 1775), (522, 1802), (532, 1835), (542, 1850), (556, 1898), (574, 1949),

Gene: Funsized_9 Start: 5517, Stop: 7280, Start Num: 71
Candidate Starts for Funsized_9:
(15, 5205), (27, 5340), (37, 5388), (Start: 71 @5517 has 2 MA's), (113, 5595), (122, 5613), (165, 5685), (172, 5697), (211, 5826), (221, 5865), (226, 5901), (245, 5982), (251, 6006), (257, 6030), (273, 6102), (275, 6117), (283, 6174), (286, 6189), (291, 6216), (292, 6219), (303, 6306), (313, 6357), (343, 6471), (344, 6474), (358, 6516), (362, 6531), (395, 6657), (397, 6663), (412, 6714), (419, 6744), (438, 6804), (445, 6816), (455, 6843), (467, 6879), (480, 6918), (531, 7059), (541, 7101), (545, 7119), (556, 7155), (561, 7173), (565, 7185), (566, 7188), (574, 7209), (599, 7260),

Gene: FuzzBuster_6 Start: 2039, Stop: 3718, Start Num: 112
Candidate Starts for FuzzBuster_6:
(Start: 112 @2039 has 1 MA's), (Start: 134 @2075 has 8 MA's), (136, 2081), (Start: 156 @2117 has 9 MA's), (Start: 166 @2132 has 132 MA's), (187, 2183), (190, 2198), (202, 2237), (211, 2279), (221, 2324), (252, 2468), (266, 2522), (285, 2603), (301, 2696), (306, 2732), (395, 3077), (400, 3095), (419, 3164), (449, 3248), (453, 3257), (476, 3311), (489, 3362), (495, 3380),

Gene: GTE6_2 Start: 622, Stop: 2220, Start Num: 128
Candidate Starts for GTE6_2:
(Start: 128 @622 has 7 MA's), (181, 706), (193, 754), (200, 778), (205, 799), (211, 823), (219, 850), (225, 889), (235, 922), (240, 946), (251, 1000), (252, 1003), (278, 1090), (284, 1132), (293, 1186), (296, 1204), (299, 1225), (307, 1270), (321, 1342), (324, 1354), (332, 1375), (346, 1450), (361, 1507), (365, 1534), (367, 1546), (394, 1633), (425, 1747), (442, 1786), (462, 1843), (503, 1921), (561, 2098), (567, 2116), (581, 2149),

Gene: GUPitcher_1 Start: 1, Stop: 1497, Start Num: 156
Candidate Starts for GUPitcher_1:
(Start: 156 @1 has 9 MA's), (164, 13), (Start: 180 @34 has 1 MA's), (200, 103), (225, 214), (264, 376), (301, 574), (306, 610), (407, 961), (420, 1012), (424, 1033), (434, 1063), (441, 1075), (456, 1111), (462, 1135), (467, 1147), (477, 1177), (482, 1201), (512, 1282), (524, 1315), (532, 1339), (552, 1411),

Gene: Gadjet_6 Start: 2696, Stop: 4471, Start Num: 64
Candidate Starts for Gadjet_6:
(Start: 64 @2696 has 4 MA's), (Start: 70 @2714 has 34 MA's), (Start: 82 @2732 has 9 MA's), (122, 2810), (211, 3023), (220, 3053), (221, 3059), (224, 3086), (236, 3122), (253, 3206), (278, 3332), (291, 3410), (299, 3467), (303, 3500), (332, 3614), (343, 3668), (371, 3788), (379, 3809), (412, 3905), (426, 3956), (438, 3986), (439, 3989), (455, 4025), (467, 4061), (489, 4136), (500, 4163), (504, 4172), (528, 4223), (536, 4256), (539, 4271), (543, 4283), (556, 4331), (559, 4343), (573, 4382), (574, 4385), (599, 4436),

Gene: GaeCeo_2 Start: 546, Stop: 1955, Start Num: 179
Candidate Starts for GaeCeo_2:
(Start: 177 @543 has 1 MA's), (Start: 179 @546 has 2 MA's), (193, 606), (204, 645), (211, 678), (218, 702), (238, 792), (282, 954), (291, 1005), (302, 1077), (315, 1155), (368, 1359), (384, 1416), (397, 1443), (424, 1539), (458, 1623), (463, 1641), (476, 1677), (542, 1845), (556, 1893), (558, 1902), (574, 1944),

Gene: Gaea_2 Start: 512, Stop: 2104, Start Num: 139
Candidate Starts for Gaea_2:
(Start: 139 @512 has 42 MA's), (143, 518), (Start: 160 @545 has 12 MA's), (191, 620), (200, 650), (205, 671), (211, 695), (219, 722), (225, 761), (226, 767), (233, 788), (243, 839), (249, 863), (252, 875), (284, 1004), (296, 1076), (299, 1097), (304, 1133), (307, 1142), (324, 1226), (332, 1247), (334, 1262), (361, 1379), (365, 1406), (367, 1418), (394, 1511), (421, 1604), (437, 1655), (454, 1694), (462, 1721), (466, 1730), (504, 1802), (509, 1811), (514, 1823), (519, 1832), (530, 1862), (534, 1877), (561, 1976), (599, 2084),

Gene: Galadriel_2 Start: 514, Stop: 2106, Start Num: 139
Candidate Starts for Galadriel_2:
(Start: 139 @514 has 42 MA's), (143, 520), (191, 622), (200, 652), (219, 724), (225, 763), (226, 769), (233, 790), (243, 841), (249, 865), (252, 877), (284, 1006), (296, 1078), (299, 1099), (304, 1135), (307, 1144), (324, 1228), (332, 1249), (361, 1381), (365, 1408), (367, 1420), (394, 1513), (429, 1639), (437, 1657), (462, 1723), (504, 1804), (514, 1825), (519, 1834), (530, 1864), (534, 1879), (561, 1978), (579, 2026), (599, 2086),

Gene: Ganandorf_3 Start: 1130, Stop: 2752, Start Num: 125
Candidate Starts for Ganandorf_3:
(22, 785), (31, 848), (Start: 125 @1130 has 21 MA's), (Start: 134 @1148 has 8 MA's), (135, 1151), (Start: 180 @1226 has 1 MA's), (194, 1283), (221, 1394), (234, 1454), (249, 1526), (251, 1535), (256, 1556), (266, 1592), (286, 1676), (288, 1682), (289, 1691), (290, 1694), (395, 2123), (398, 2132), (444,

2282), (453, 2306), (462, 2333), (471, 2354), (476, 2369), (489, 2420), (495, 2438), (508, 2462), (526, 2504), (539, 2543), (543, 2555), (544, 2564), (576, 2654), (592, 2696), (594, 2708),

Gene: GardenB_2 Start: 522, Stop: 1928, Start Num: 166
Candidate Starts for GardenB_2:
(Start: 166 @522 has 132 MA's), (195, 603), (209, 657), (218, 693), (239, 786), (252, 846), (282, 945), (291, 996), (302, 1068), (304, 1089), (333, 1197), (345, 1233), (362, 1278), (364, 1290), (397, 1410), (398, 1413), (424, 1509), (447, 1566), (458, 1596), (459, 1605), (463, 1614), (481, 1677), (532, 1803), (542, 1818), (574, 1917),

Gene: Gareth_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Gareth_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Garey24_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Garey24_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (333, 1191), (341, 1206), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (447, 1560), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Gargoyle_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Gargoyle_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Gelo_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Gelo_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: GeneCoco_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for GeneCoco_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Geodirt_2 Start: 514, Stop: 2106, Start Num: 139
Candidate Starts for Geodirt_2:
(Start: 139 @514 has 42 MA's), (143, 520), (191, 622), (200, 652), (205, 673), (219, 724), (225, 763), (226, 769), (233, 790), (243, 841), (252, 877), (284, 1006), (296, 1078), (299, 1099), (304, 1135), (307, 1144), (324, 1228), (332, 1249), (361, 1381), (365, 1408), (367, 1420), (394, 1513), (429, 1639), (437, 1657), (462, 1723), (504, 1804), (514, 1825), (519, 1834), (530, 1864), (534, 1879), (561, 1978), (567,

1996), (579, 2026), (599, 2086),

Gene: Germa_4 Start: 1141, Stop: 2763, Start Num: 125
Candidate Starts for Germa_4:
(56, 1000), (57, 1003), (58, 1006), (85, 1072), (102, 1108), (Start: 125 @1141 has 21 MA's), (Start: 134 @1159 has 8 MA's), (135, 1162), (Start: 180 @1237 has 1 MA's), (194, 1294), (221, 1405), (234, 1465), (249, 1537), (251, 1546), (256, 1567), (266, 1603), (286, 1687), (288, 1693), (289, 1702), (290, 1705), (395, 2134), (398, 2143), (444, 2293), (453, 2317), (462, 2344), (471, 2365), (489, 2431), (495, 2449), (526, 2515), (539, 2554), (543, 2566), (544, 2575), (567, 2647), (594, 2719),

Gene: Gershwin_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Gershwin_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (447, 1560), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Gervas_6 Start: 2714, Stop: 4474, Start Num: 70
Candidate Starts for Gervas_6:
(4, 2240), (7, 2273), (11, 2339), (19, 2435), (Start: 64 @2696 has 4 MA's), (Start: 70 @2714 has 34 MA's), (Start: 82 @2732 has 9 MA's), (122, 2813), (211, 3026), (220, 3056), (221, 3062), (224, 3089), (236, 3125), (253, 3209), (278, 3335), (291, 3413), (299, 3470), (303, 3503), (306, 3512), (309, 3539), (332, 3617), (343, 3671), (371, 3791), (379, 3812), (412, 3908), (426, 3959), (438, 3989), (439, 3992), (467, 4064), (489, 4139), (500, 4166), (504, 4175), (528, 4226), (536, 4259), (539, 4274), (543, 4286), (559, 4346), (573, 4385), (574, 4388), (599, 4439),

Gene: Gezellig_5 Start: 1770, Stop: 3377, Start Num: 123
Candidate Starts for Gezellig_5:
(68, 1671), (Start: 123 @1770 has 31 MA's), (Start: 144 @1818 has 1 MA's), (219, 2016), (225, 2055), (235, 2088), (242, 2127), (243, 2133), (254, 2175), (278, 2256), (284, 2298), (287, 2310), (299, 2391), (304, 2427), (307, 2436), (332, 2541), (365, 2700), (394, 2799), (417, 2865), (426, 2907), (455, 2976), (462, 3000), (492, 3069), (503, 3078), (509, 3090), (539, 3180), (546, 3207), (561, 3255), (580, 3303),

Gene: GinPorsche_4 Start: 2364, Stop: 4109, Start Num: 69
Candidate Starts for GinPorsche_4:
(Start: 69 @2364 has 4 MA's), (113, 2424), (165, 2514), (172, 2526), (Start: 186 @2553 has 1 MA's), (191, 2583), (196, 2595), (205, 2631), (211, 2655), (220, 2688), (221, 2694), (226, 2730), (245, 2811), (264, 2886), (275, 2946), (283, 3003), (291, 3045), (292, 3048), (299, 3102), (309, 3171), (312, 3183), (316, 3201), (343, 3300), (344, 3303), (362, 3360), (380, 3450), (391, 3474), (394, 3483), (412, 3543), (425, 3597), (438, 3630), (450, 3660), (455, 3669), (465, 3699), (467, 3705), (468, 3708), (489, 3780), (522, 3855), (537, 3909), (541, 3927), (549, 3957), (566, 4014), (568, 4020), (574, 4035), (599, 4086),

Gene: Gina_3 Start: 791, Stop: 2413, Start Num: 125
Candidate Starts for Gina_3:
(28, 506), (57, 650), (74, 698), (85, 719), (104, 761), (Start: 125 @791 has 21 MA's), (Start: 134 @809 has 8 MA's), (135, 812), (154, 851), (Start: 180 @887 has 1 MA's), (194, 944), (221, 1055), (251, 1196), (256, 1217), (266, 1253), (286, 1337), (288, 1343), (289, 1352), (290, 1355), (325, 1529), (369, 1721), (388, 1769), (398, 1793), (428, 1910), (471, 2015), (476, 2030), (481, 2057), (495, 2099), (524, 2162), (526, 2165), (539, 2204), (544, 2225), (556, 2261), (565, 2291), (600, 2402),

Gene: Giraffe_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Giraffe_2:

(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Glamour_1 Start: 513, Stop: 1961, Start Num: 175
Candidate Starts for Glamour_1:
(Start: 175 @513 has 21 MA's), (195, 585), (205, 624), (218, 675), (252, 828), (282, 927), (285, 948), (291, 978), (292, 981), (299, 1035), (300, 1038), (302, 1050), (319, 1143), (362, 1287), (368, 1332), (397, 1419), (424, 1515), (427, 1527), (431, 1536), (442, 1560), (447, 1572), (458, 1602), (459, 1611), (463, 1620), (495, 1725), (520, 1773), (522, 1776), (532, 1809), (542, 1851), (544, 1863), (558, 1908), (574, 1950),

Gene: Glass_7 Start: 4347, Stop: 6041, Start Num: 105
Candidate Starts for Glass_7:
(Start: 101 @4341 has 6 MA's), (Start: 105 @4347 has 31 MA's), (195, 4527), (216, 4608), (224, 4659), (226, 4668), (233, 4689), (257, 4797), (260, 4809), (291, 4983), (296, 5019), (298, 5031), (299, 5040), (312, 5121), (343, 5238), (344, 5241), (365, 5316), (369, 5352), (391, 5409), (426, 5529), (438, 5559), (447, 5577), (455, 5598), (465, 5628), (467, 5634), (480, 5673), (489, 5709), (500, 5736), (522, 5778), (537, 5832), (541, 5850), (556, 5904), (585, 5976),

Gene: GlenHope_6 Start: 2717, Stop: 4480, Start Num: 70
Candidate Starts for GlenHope_6:
(4, 2243), (7, 2276), (11, 2342), (19, 2438), (Start: 64 @2699 has 4 MA's), (Start: 70 @2717 has 34 MA's), (Start: 82 @2738 has 9 MA's), (122, 2819), (211, 3032), (220, 3062), (221, 3068), (224, 3095), (236, 3131), (253, 3215), (278, 3341), (291, 3419), (299, 3476), (303, 3509), (332, 3623), (343, 3677), (371, 3797), (379, 3818), (412, 3914), (426, 3965), (438, 3995), (439, 3998), (455, 4034), (467, 4070), (489, 4145), (500, 4172), (504, 4181), (528, 4232), (536, 4265), (539, 4280), (543, 4292), (556, 4340), (559, 4352), (573, 4391), (574, 4394), (599, 4445),

Gene: Glorp_3 Start: 911, Stop: 2533, Start Num: 124
Candidate Starts for Glorp_3:
(34, 686), (48, 749), (55, 773), (107, 890), (Start: 124 @911 has 19 MA's), (Start: 134 @929 has 8 MA's), (135, 932), (Start: 180 @1007 has 1 MA's), (194, 1064), (221, 1175), (234, 1235), (249, 1307), (251, 1316), (256, 1337), (266, 1373), (286, 1457), (288, 1463), (289, 1472), (290, 1475), (395, 1904), (398, 1913), (444, 2063), (453, 2087), (462, 2114), (471, 2135), (489, 2201), (495, 2219), (526, 2285), (539, 2324), (543, 2336), (544, 2345), (576, 2435), (592, 2477), (594, 2489),

Gene: Glubnar_6 Start: 2717, Stop: 4477, Start Num: 70
Candidate Starts for Glubnar_6:
(4, 2243), (7, 2276), (11, 2342), (19, 2438), (Start: 64 @2699 has 4 MA's), (Start: 70 @2717 has 34 MA's), (Start: 82 @2735 has 9 MA's), (122, 2816), (211, 3029), (220, 3059), (221, 3065), (224, 3092), (236, 3128), (253, 3212), (278, 3338), (291, 3416), (299, 3473), (303, 3506), (332, 3620), (343, 3674), (371, 3794), (379, 3815), (412, 3911), (426, 3962), (438, 3992), (439, 3995), (467, 4067), (489, 4142), (500, 4169), (504, 4178), (528, 4229), (536, 4262), (539, 4277), (543, 4289), (559, 4349), (573, 4388), (574, 4391), (599, 4442),

Gene: GodPhather_2 Start: 348, Stop: 1952, Start Num: 118
Candidate Starts for GodPhather_2:
(Start: 118 @348 has 8 MA's), (165, 426), (172, 438), (219, 594), (221, 603), (229, 648), (239, 687), (240, 690), (258, 771), (278, 876), (291, 954), (295, 978), (296, 990), (332, 1158), (338, 1176), (362, 1263), (364, 1275), (382, 1359), (391, 1380), (394, 1389), (395, 1392), (397, 1398), (419, 1470), (421,

1476), (426, 1500), (438, 1530), (445, 1542), (467, 1605), (484, 1656), (510, 1719), (516, 1731), (547, 1824), (550, 1833), (553, 1839), (564, 1884), (570, 1902), (577, 1923), (582, 1932), (587, 1944), (589, 1947),

Gene: Godines_7 Start: 4230, Stop: 5924, Start Num: 105
Candidate Starts for Godines_7:
(Start: 101 @4224 has 6 MA's), (Start: 105 @4230 has 31 MA's), (195, 4410), (216, 4491), (224, 4542), (226, 4551), (233, 4572), (257, 4680), (260, 4692), (285, 4836), (291, 4866), (296, 4902), (298, 4914), (299, 4923), (312, 5004), (343, 5121), (344, 5124), (365, 5199), (369, 5235), (391, 5292), (426, 5412), (438, 5442), (447, 5460), (455, 5481), (465, 5511), (467, 5517), (480, 5556), (489, 5592), (500, 5619), (522, 5661), (537, 5715), (541, 5733), (556, 5787), (585, 5859),

Gene: GoingMerry_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for GoingMerry_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (246, 816), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Golden_2 Start: 608, Stop: 2020, Start Num: 160
Candidate Starts for Golden_2:
(Start: 160 @608 has 12 MA's), (183, 647), (193, 695), (209, 755), (218, 791), (238, 881), (265, 983), (282, 1043), (291, 1094), (297, 1133), (299, 1151), (300, 1154), (302, 1166), (304, 1187), (313, 1235), (340, 1298), (345, 1331), (368, 1421), (384, 1478), (397, 1505), (413, 1562), (424, 1604), (458, 1688), (459, 1697), (461, 1703), (463, 1706), (476, 1742), (495, 1811), (514, 1850), (522, 1862), (529, 1883), (532, 1895), (542, 1910), (556, 1958), (574, 2009),

Gene: GoneGirl_2 Start: 522, Stop: 1928, Start Num: 166
Candidate Starts for GoneGirl_2:
(Start: 166 @522 has 132 MA's), (195, 603), (209, 657), (218, 693), (252, 846), (282, 945), (291, 996), (302, 1068), (304, 1089), (333, 1197), (345, 1233), (362, 1278), (364, 1290), (397, 1410), (398, 1413), (424, 1509), (427, 1521), (443, 1557), (459, 1605), (463, 1614), (481, 1677), (532, 1803), (542, 1818), (574, 1917),

Gene: Gophee_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Gophee_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Grand2040_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Grand2040_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: GreenChile_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for GreenChile_2:

(32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: GreenIvy_2 Start: 512, Stop: 1960, Start Num: 147
Candidate Starts for GreenIvy_2:
(30, 167), (35, 188), (43, 233), (78, 350), (122, 455), (126, 461), (Start: 147 @512 has 12 MA's), (155, 521), (193, 617), (209, 677), (215, 704), (218, 713), (220, 719), (228, 767), (237, 797), (246, 842), (265, 905), (279, 941), (282, 965), (291, 1016), (302, 1088), (319, 1187), (345, 1265), (377, 1394), (378, 1397), (384, 1412), (397, 1442), (424, 1544), (427, 1556), (474, 1676), (481, 1709), (507, 1775), (522, 1802), (542, 1850), (556, 1898), (574, 1949),

Gene: Greys_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Greys_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Grumio_2 Start: 1099, Stop: 2844, Start Num: 120
Candidate Starts for Grumio_2:
(Start: 101 @1063 has 6 MA's), (Start: 120 @1099 has 7 MA's), (Start: 129 @1108 has 4 MA's), (131, 1111), (142, 1138), (165, 1171), (218, 1336), (219, 1339), (221, 1348), (225, 1378), (258, 1516), (262, 1534), (288, 1678), (291, 1699), (296, 1735), (303, 1789), (326, 1894), (343, 1960), (344, 1963), (364, 2026), (367, 2050), (395, 2140), (419, 2218), (420, 2221), (426, 2248), (438, 2278), (447, 2296), (467, 2353), (486, 2419), (540, 2566), (569, 2665), (577, 2689), (583, 2701), (592, 2722), (595, 2746), (601, 2773), (605, 2809), (607, 2821),

Gene: Gubbabump_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Gubbabump_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Guetzie_2 Start: 608, Stop: 2020, Start Num: 160
Candidate Starts for Guetzie_2:
(Start: 160 @608 has 12 MA's), (183, 647), (193, 695), (209, 755), (218, 791), (238, 881), (265, 983), (282, 1043), (291, 1094), (297, 1133), (299, 1151), (300, 1154), (302, 1166), (313, 1235), (340, 1298), (345, 1331), (368, 1421), (384, 1478), (397, 1505), (413, 1562), (424, 1604), (458, 1688), (459, 1697), (461, 1703), (463, 1706), (476, 1742), (495, 1811), (514, 1850), (522, 1862), (529, 1883), (532, 1895), (542, 1910), (556, 1958), (574, 2009),

Gene: Gustavo_2 Start: 512, Stop: 2104, Start Num: 139
Candidate Starts for Gustavo_2:
(Start: 139 @512 has 42 MA's), (Start: 160 @545 has 12 MA's), (191, 620), (200, 650), (205, 671), (211, 695), (219, 722), (226, 767), (233, 788), (243, 839), (249, 863), (252, 875), (284, 1004), (296, 1076), (299, 1097), (304, 1133), (307, 1142), (324, 1226), (332, 1247), (334, 1262), (361, 1379), (365, 1406), (367, 1418), (394, 1511), (421, 1604), (437, 1655), (454, 1694), (462, 1721), (466, 1730), (504, 1802), (509, 1811), (514, 1823), (519, 1832), (530, 1862), (534, 1877), (561, 1976), (599, 2084),

Gene: Gwennie1_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Gwennie1_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Gwilliam_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Gwilliam_2:
(32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Gyarad_002 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Gyarad_002:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: HSavage_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for HSavage_2:
(32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Haimas_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Haimas_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: HairyMan_2 Start: 682, Stop: 2106, Start Num: 170
Candidate Starts for HairyMan_2:
(Start: 170 @682 has 1 MA's), (218, 844), (232, 910), (239, 937), (246, 973), (282, 1096), (291, 1147), (292, 1150), (302, 1219), (340, 1378), (345, 1411), (362, 1456), (377, 1540), (378, 1543), (387, 1561), (397, 1588), (398, 1591), (424, 1690), (427, 1702), (431, 1711), (447, 1744), (459, 1783), (463, 1792), (495, 1897), (532, 1981), (542, 1996), (574, 2095),

Gene: Haleema_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Haleema_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088),

(556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Halfpint_5 Start: 2562, Stop: 4322, Start Num: 70
Candidate Starts for Halfpint_5:
(4, 2088), (7, 2121), (11, 2187), (19, 2283), (Start: 64 @2544 has 4 MA's), (Start: 70 @2562 has 34 MA's), (Start: 82 @2580 has 9 MA's), (122, 2661), (211, 2874), (220, 2904), (221, 2910), (224, 2937), (236, 2973), (253, 3057), (278, 3183), (291, 3261), (299, 3318), (303, 3351), (332, 3465), (343, 3519), (371, 3639), (379, 3660), (412, 3756), (426, 3807), (438, 3837), (439, 3840), (467, 3912), (489, 3987), (500, 4014), (504, 4023), (528, 4074), (536, 4107), (539, 4122), (543, 4134), (559, 4194), (573, 4233), (574, 4236), (599, 4287),

Gene: Hally898_4 Start: 2364, Stop: 4109, Start Num: 69
Candidate Starts for Hally898_4:
(Start: 69 @2364 has 4 MA's), (113, 2424), (165, 2514), (172, 2526), (Start: 186 @2553 has 1 MA's), (191, 2583), (196, 2595), (205, 2631), (211, 2655), (220, 2688), (221, 2694), (226, 2730), (245, 2811), (264, 2886), (275, 2946), (283, 3003), (291, 3045), (292, 3048), (299, 3102), (309, 3171), (312, 3183), (316, 3201), (343, 3300), (344, 3303), (362, 3360), (380, 3450), (391, 3474), (394, 3483), (412, 3543), (425, 3597), (438, 3630), (450, 3660), (455, 3669), (465, 3699), (467, 3705), (468, 3708), (489, 3780), (522, 3855), (537, 3909), (541, 3927), (549, 3957), (566, 4014), (568, 4020), (574, 4035), (599, 4086),

Gene: Halo3_5 Start: 1764, Stop: 3368, Start Num: 123
Candidate Starts for Halo3_5:
(Start: 123 @1764 has 31 MA's), (Start: 144 @1812 has 1 MA's), (200, 1935), (219, 2007), (228, 2058), (235, 2079), (238, 2097), (254, 2166), (278, 2247), (281, 2262), (284, 2289), (290, 2316), (295, 2349), (299, 2382), (304, 2418), (307, 2427), (370, 2730), (416, 2850), (417, 2856), (426, 2898), (442, 2934), (455, 2967), (462, 2991), (492, 3060), (503, 3069), (509, 3081), (542, 3180), (546, 3198), (561, 3246), (572, 3276), (580, 3294),

Gene: Hamish_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Hamish_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Hamlet_2 Start: 522, Stop: 1928, Start Num: 166
Candidate Starts for Hamlet_2:
(Start: 166 @522 has 132 MA's), (195, 603), (209, 657), (218, 693), (239, 786), (252, 846), (282, 945), (291, 996), (302, 1068), (304, 1089), (312, 1134), (313, 1137), (333, 1197), (345, 1233), (362, 1278), (364, 1290), (398, 1413), (424, 1509), (427, 1521), (447, 1566), (458, 1596), (459, 1605), (463, 1614), (481, 1677), (522, 1770), (532, 1803), (542, 1818), (562, 1887), (574, 1917),

Gene: HanSolo_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for HanSolo_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (246, 816), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Hangman_5 Start: 3458, Stop: 5206, Start Num: 80
Candidate Starts for Hangman_5:

(Start: 80 @3458 has 25 MA's), (113, 3518), (165, 3608), (Start: 186 @3647 has 1 MA's), (191, 3677), (196, 3689), (205, 3725), (211, 3749), (220, 3782), (221, 3788), (226, 3824), (230, 3836), (245, 3905), (264, 3980), (275, 4040), (283, 4097), (291, 4139), (292, 4142), (299, 4196), (309, 4265), (312, 4277), (343, 4394), (362, 4454), (380, 4544), (391, 4568), (394, 4577), (419, 4664), (425, 4691), (450, 4754), (455, 4763), (465, 4793), (467, 4799), (468, 4802), (480, 4838), (489, 4874), (522, 4949), (541, 5021), (549, 5051), (556, 5075), (566, 5108), (568, 5114), (574, 5129), (599, 5180),

Gene: HankSprout_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for HankSprout_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Hans_2 Start: 534, Stop: 2189, Start Num: 134
Candidate Starts for Hans_2:
(Start: 134 @534 has 8 MA's), (191, 657), (193, 663), (200, 687), (205, 708), (211, 732), (214, 741), (219, 759), (220, 762), (235, 831), (240, 855), (249, 900), (278, 999), (284, 1041), (285, 1047), (295, 1101), (296, 1113), (299, 1134), (304, 1170), (307, 1179), (321, 1251), (324, 1263), (332, 1284), (337, 1308), (361, 1446), (365, 1473), (425, 1692), (429, 1704), (442, 1731), (454, 1761), (462, 1788), (469, 1806), (503, 1887), (519, 1920), (521, 1923), (530, 1950), (561, 2064), (567, 2082), (572, 2094), (579, 2112), (596, 2163),

Gene: Happabalu_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Happabalu_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Hartsy_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Hartsy_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Harvey_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Harvey_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: HarveySr_6 Start: 2714, Stop: 4474, Start Num: 70
Candidate Starts for HarveySr_6:
(4, 2240), (7, 2273), (11, 2339), (19, 2435), (Start: 64 @2696 has 4 MA's), (Start: 70 @2714 has 34 MA's), (Start: 82 @2732 has 9 MA's), (122, 2813), (211, 3026), (220, 3056), (221, 3062), (224, 3089), (236, 3125), (253, 3209), (278, 3335), (291, 3413), (299, 3470), (303, 3503), (332, 3617), (343, 3671), (371, 3791), (379, 3812), (412, 3908), (426, 3959), (438, 3989), (439, 3992), (467, 4064), (489, 4139),

(500, 4166), (504, 4175), (528, 4226), (536, 4259), (539, 4274), (543, 4286), (559, 4346), (573, 4385), (574, 4388), (599, 4439),

Gene: Hashim76_8 Start: 2053, Stop: 3825, Start Num: 73
Candidate Starts for Hashim76_8:
(Start: 73 @2053 has 3 MA's), (111, 2119), (Start: 160 @2209 has 12 MA's), (165, 2218), (167, 2221), (Start: 186 @2257 has 1 MA's), (211, 2359), (221, 2398), (266, 2599), (274, 2641), (283, 2707), (305, 2845), (309, 2875), (343, 3004), (394, 3187), (412, 3247), (416, 3259), (450, 3367), (480, 3451), (522, 3562), (537, 3616), (556, 3688), (566, 3721), (569, 3730), (574, 3742), (599, 3805),

Gene: Hasitha_2 Start: 512, Stop: 1960, Start Num: 147
Candidate Starts for Hasitha_2:
(30, 167), (35, 188), (43, 233), (78, 350), (126, 461), (Start: 147 @512 has 12 MA's), (155, 521), (193, 617), (209, 677), (215, 704), (218, 713), (220, 719), (228, 767), (237, 797), (246, 842), (265, 905), (279, 941), (282, 965), (291, 1016), (302, 1088), (319, 1187), (345, 1265), (377, 1394), (378, 1397), (384, 1412), (397, 1442), (424, 1544), (427, 1556), (474, 1676), (481, 1709), (507, 1775), (522, 1802), (532, 1835), (542, 1850), (556, 1898), (574, 1949),

Gene: HavenFinLeoSun_2 Start: 519, Stop: 1922, Start Num: 166
Candidate Starts for HavenFinLeoSun_2:
(Start: 166 @519 has 132 MA's), (195, 594), (209, 648), (218, 684), (239, 777), (246, 813), (252, 837), (282, 936), (291, 987), (299, 1044), (300, 1047), (302, 1059), (305, 1083), (309, 1113), (312, 1125), (345, 1224), (364, 1281), (398, 1404), (424, 1503), (447, 1560), (463, 1608), (520, 1761), (529, 1785), (542, 1812),

Gene: Heath_5 Start: 3458, Stop: 5206, Start Num: 80
Candidate Starts for Heath_5:
(Start: 80 @3458 has 25 MA's), (113, 3518), (165, 3608), (Start: 186 @3647 has 1 MA's), (191, 3677), (196, 3689), (205, 3725), (211, 3749), (220, 3782), (221, 3788), (226, 3824), (245, 3905), (264, 3980), (275, 4040), (283, 4097), (291, 4139), (292, 4142), (299, 4196), (309, 4265), (312, 4277), (343, 4394), (344, 4397), (362, 4454), (391, 4568), (394, 4577), (419, 4664), (425, 4691), (438, 4724), (450, 4754), (455, 4763), (465, 4793), (467, 4799), (468, 4802), (480, 4838), (489, 4874), (522, 4949), (537, 5003), (541, 5021), (549, 5051), (556, 5075), (566, 5108), (568, 5114), (574, 5129), (599, 5180),

Gene: Heathcliff_6 Start: 2696, Stop: 4474, Start Num: 64
Candidate Starts for Heathcliff_6:
(4, 2240), (7, 2273), (11, 2339), (19, 2435), (Start: 64 @2696 has 4 MA's), (Start: 70 @2714 has 34 MA's), (Start: 82 @2732 has 9 MA's), (122, 2813), (211, 3026), (220, 3056), (221, 3062), (224, 3089), (236, 3125), (253, 3209), (278, 3335), (291, 3413), (299, 3470), (303, 3503), (332, 3617), (343, 3671), (371, 3791), (379, 3812), (412, 3908), (426, 3959), (438, 3989), (439, 3992), (467, 4064), (489, 4139), (500, 4166), (504, 4175), (528, 4226), (536, 4259), (539, 4274), (543, 4286), (559, 4346), (573, 4385), (574, 4388), (599, 4439),

Gene: Hedgerow_7 Start: 4329, Stop: 6023, Start Num: 105
Candidate Starts for Hedgerow_7:
(Start: 101 @4323 has 6 MA's), (Start: 105 @4329 has 31 MA's), (195, 4509), (216, 4590), (224, 4641), (226, 4650), (233, 4671), (257, 4779), (260, 4791), (291, 4965), (296, 5001), (298, 5013), (299, 5022), (312, 5103), (343, 5220), (344, 5223), (365, 5298), (369, 5334), (391, 5391), (426, 5511), (438, 5541), (447, 5559), (455, 5580), (465, 5610), (467, 5616), (480, 5655), (489, 5691), (500, 5718), (522, 5760), (537, 5814), (541, 5832), (556, 5886), (585, 5958),

Gene: Hekos_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Hekos_2:

(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Held_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Held_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Hendrix_5 Start: 2523, Stop: 4307, Start Num: 80
Candidate Starts for Hendrix_5:
(Start: 70 @2505 has 34 MA's), (Start: 80 @2523 has 25 MA's), (111, 2589), (138, 2646), (183, 2724), (211, 2838), (221, 2883), (239, 2967), (240, 2970), (268, 3084), (271, 3096), (277, 3111), (282, 3138), (286, 3162), (292, 3192), (303, 3279), (307, 3291), (328, 3375), (335, 3405), (359, 3519), (360, 3525), (365, 3555), (419, 3747), (453, 3840), (471, 3894), (491, 3969), (520, 4029), (539, 4083), (556, 4140), (578, 4200), (584, 4212), (600, 4281),

Gene: HenryJackson_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for HenryJackson_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: HerculesXL_2 Start: 525, Stop: 1949, Start Num: 171
Candidate Starts for HerculesXL_2:
(Start: 171 @525 has 5 MA's), (209, 654), (218, 690), (238, 780), (252, 843), (265, 882), (282, 942), (285, 963), (287, 969), (291, 993), (299, 1050), (300, 1053), (302, 1065), (319, 1158), (340, 1197), (345, 1230), (377, 1359), (378, 1362), (397, 1404), (424, 1503), (443, 1551), (447, 1560), (458, 1590), (459, 1599), (463, 1608), (474, 1638), (520, 1761), (535, 1809), (542, 1839), (558, 1896), (574, 1938),

Gene: Hermeonysus_3 Start: 911, Stop: 2533, Start Num: 124
Candidate Starts for Hermeonysus_3:
(48, 749), (55, 773), (107, 890), (Start: 124 @911 has 19 MA's), (Start: 134 @929 has 8 MA's), (135, 932), (Start: 180 @1007 has 1 MA's), (194, 1064), (221, 1175), (234, 1235), (249, 1307), (251, 1316), (256, 1337), (266, 1373), (286, 1457), (288, 1463), (289, 1472), (290, 1475), (395, 1904), (398, 1913), (444, 2063), (453, 2087), (462, 2114), (471, 2135), (476, 2150), (489, 2201), (495, 2219), (526, 2285), (539, 2324), (543, 2336), (544, 2345), (567, 2417), (576, 2435), (592, 2477), (594, 2489),

Gene: Hertubise_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Hertubise_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Hetaeria_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Hetaeria_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: HighStump_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for HighStump_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Hocus_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Hocus_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: HogWash_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for HogWash_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Holeinone_7 Start: 4230, Stop: 5924, Start Num: 105
Candidate Starts for Holeinone_7:
(Start: 101 @4224 has 6 MA's), (Start: 105 @4230 has 31 MA's), (195, 4410), (216, 4491), (224, 4542), (226, 4551), (233, 4572), (257, 4680), (260, 4692), (291, 4866), (296, 4902), (298, 4914), (299, 4923), (312, 5004), (343, 5121), (344, 5124), (365, 5199), (369, 5235), (391, 5292), (426, 5412), (438, 5442), (447, 5460), (455, 5481), (465, 5511), (467, 5517), (480, 5556), (489, 5592), (500, 5619), (522, 5661), (537, 5715), (541, 5733), (556, 5787), (585, 5859),

Gene: Honeyfin_4 Start: 1129, Stop: 2751, Start Num: 125
Candidate Starts for Honeyfin_4:
(57, 1003), (58, 1006), (63, 1024), (85, 1072), (102, 1108), (Start: 125 @1129 has 21 MA's), (Start: 134 @1147 has 8 MA's), (135, 1150), (Start: 180 @1225 has 1 MA's), (194, 1282), (221, 1393), (234, 1453), (249, 1525), (251, 1534), (256, 1555), (286, 1675), (288, 1681), (289, 1690), (290, 1693), (395, 2122), (398, 2131), (444, 2281), (453, 2305), (462, 2332), (471, 2353), (476, 2368), (489, 2419), (495, 2437), (526, 2503), (539, 2542), (543, 2554), (544, 2563), (576, 2653), (592, 2695), (594, 2707),

Gene: Horchata_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Horchata_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509),

(344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Hosp_02 Start: 586, Stop: 2346, Start Num: 80
Candidate Starts for Hosp_02:
(Start: 80 @586 has 25 MA's), (162, 745), (165, 751), (200, 847), (211, 892), (221, 931), (226, 967), (249, 1060), (257, 1093), (264, 1120), (278, 1201), (279, 1204), (286, 1252), (291, 1279), (292, 1282), (296, 1315), (299, 1336), (303, 1369), (343, 1534), (358, 1579), (387, 1693), (391, 1708), (394, 1717), (412, 1777), (414, 1783), (435, 1852), (450, 1888), (455, 1897), (467, 1933), (480, 1972), (489, 2008), (506, 2050), (522, 2083), (537, 2137), (559, 2221), (574, 2263), (599, 2317),

Gene: HungryHenry_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for HungryHenry_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Hydro_5 Start: 3455, Stop: 5203, Start Num: 80
Candidate Starts for Hydro_5:
(Start: 80 @3455 has 25 MA's), (113, 3515), (165, 3605), (Start: 186 @3644 has 1 MA's), (191, 3674), (196, 3686), (205, 3722), (211, 3746), (220, 3779), (221, 3785), (230, 3833), (245, 3902), (264, 3977), (275, 4037), (283, 4094), (291, 4136), (292, 4139), (299, 4193), (309, 4262), (343, 4391), (362, 4451), (380, 4541), (391, 4565), (394, 4574), (412, 4634), (419, 4661), (425, 4688), (438, 4721), (450, 4751), (455, 4760), (465, 4790), (467, 4796), (468, 4799), (480, 4835), (489, 4871), (522, 4946), (537, 5000), (541, 5018), (549, 5048), (556, 5072), (566, 5105), (568, 5111), (574, 5126), (599, 5177),

Gene: Ilzat_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Ilzat_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: ImtiyazSitla_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for ImtiyazSitla_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Imvubu_2 Start: 579, Stop: 2414, Start Num: 49
Candidate Starts for Imvubu_2:
(Start: 49 @579 has 1 MA's), (122, 747), (165, 819), (181, 843), (182, 846), (207, 939), (221, 999), (226, 1035), (245, 1116), (257, 1164), (258, 1167), (262, 1185), (264, 1191), (273, 1236), (275, 1251), (279, 1275), (282, 1299), (283, 1308), (286, 1323), (292, 1353), (296, 1386), (343, 1605), (344, 1608), (358, 1650), (362, 1665), (397, 1797), (438, 1938), (455, 1977), (467, 2013), (468, 2016), (480, 2052), (489, 2088), (533, 2199), (537, 2217), (539, 2229), (541, 2235), (548, 2262), (556, 2289), (566, 2322), (574, 2343), (576, 2349), (599, 2394),

Gene: Inchworm_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Inchworm_2:

(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Indlovu_6 Start: 3604, Stop: 5331, Start Num: 92
Candidate Starts for Indlovu_6:
(Start: 92 @3604 has 2 MA's), (111, 3637), (165, 3733), (182, 3760), (185, 3769), (200, 3829), (211, 3874), (221, 3913), (291, 4264), (292, 4267), (303, 4354), (309, 4390), (312, 4402), (326, 4453), (343, 4519), (397, 4711), (412, 4762), (414, 4768), (419, 4783), (438, 4843), (452, 4876), (467, 4918), (480, 4957), (504, 5029), (505, 5032), (522, 5068), (539, 5134), (541, 5140), (556, 5194), (574, 5248),

Gene: Inspectinfecti_2 Start: 534, Stop: 2189, Start Num: 134
Candidate Starts for Inspectinfecti_2:
(Start: 134 @534 has 8 MA's), (191, 657), (193, 663), (200, 687), (205, 708), (211, 732), (214, 741), (219, 759), (220, 762), (225, 798), (235, 831), (240, 855), (249, 900), (278, 999), (284, 1041), (285, 1047), (295, 1101), (296, 1113), (299, 1134), (304, 1170), (307, 1179), (321, 1251), (324, 1263), (332, 1284), (337, 1308), (361, 1446), (365, 1473), (425, 1692), (442, 1731), (454, 1761), (462, 1788), (467, 1800), (469, 1806), (503, 1887), (519, 1920), (521, 1923), (561, 2064), (567, 2082), (572, 2094), (579, 2112), (596, 2163),

Gene: Inventa_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Inventa_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Inverness_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Inverness_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Ioannes_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Ioannes_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (246, 816), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Iridessa_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Iridessa_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Iridoclysis_2 Start: 564, Stop: 2351, Start Num: 83

Candidate Starts for Iridoclysis_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: IsaacEli_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for IsaacEli_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: ItsyBitsy1_7 Start: 4221, Stop: 5915, Start Num: 105
Candidate Starts for ItsyBitsy1_7:
(Start: 101 @4215 has 6 MA's), (Start: 105 @4221 has 31 MA's), (195, 4401), (216, 4482), (224, 4533), (226, 4542), (233, 4563), (257, 4671), (260, 4683), (291, 4857), (296, 4893), (298, 4905), (299, 4914), (312, 4995), (343, 5112), (344, 5115), (365, 5190), (369, 5226), (391, 5283), (426, 5403), (438, 5433), (447, 5451), (455, 5472), (465, 5502), (467, 5508), (480, 5547), (489, 5583), (500, 5610), (522, 5652), (537, 5706), (541, 5724), (556, 5778), (585, 5850),

Gene: Ixel_2 Start: 630, Stop: 2063, Start Num: 173
Candidate Starts for Ixel_2:
(Start: 173 @630 has 7 MA's), (185, 654), (Start: 186 @657 has 1 MA's), (209, 756), (218, 792), (239, 885), (252, 945), (282, 1044), (287, 1071), (291, 1095), (299, 1152), (301, 1158), (302, 1167), (313, 1236), (314, 1248), (319, 1266), (345, 1344), (357, 1371), (362, 1389), (378, 1476), (397, 1518), (424, 1617), (443, 1665), (447, 1674), (458, 1704), (459, 1713), (463, 1722), (474, 1752), (520, 1875), (522, 1878), (532, 1911), (542, 1953), (543, 1956), (558, 2010), (574, 2052),

Gene: JAMaL_5 Start: 3453, Stop: 5207, Start Num: 80
Candidate Starts for JAMaL_5:
(45, 3354), (Start: 80 @3453 has 25 MA's), (113, 3522), (165, 3612), (Start: 186 @3651 has 1 MA's), (191, 3681), (196, 3693), (205, 3729), (211, 3753), (220, 3786), (221, 3792), (226, 3828), (245, 3909), (264, 3984), (275, 4044), (283, 4101), (291, 4143), (292, 4146), (299, 4200), (312, 4281), (343, 4398), (344, 4401), (362, 4458), (391, 4572), (418, 4659), (419, 4668), (425, 4695), (438, 4728), (450, 4758), (455, 4767), (465, 4797), (467, 4803), (468, 4806), (489, 4878), (522, 4953), (537, 5007), (549, 5055), (566, 5112), (568, 5118), (574, 5133), (599, 5184),

Gene: JDog_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for JDog_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: JKSyngboy_2 Start: 509, Stop: 2101, Start Num: 139
Candidate Starts for JKSyngboy_2:
(Start: 139 @509 has 42 MA's), (143, 515), (Start: 160 @542 has 12 MA's), (191, 617), (200, 647), (205, 668), (219, 719), (225, 758), (226, 764), (252, 872), (261, 908), (284, 1001), (296, 1073), (299, 1094), (304, 1130), (306, 1136), (307, 1139), (324, 1223), (332, 1244), (334, 1259), (361, 1376), (365,

1403), (367, 1415), (392, 1505), (394, 1508), (421, 1601), (437, 1652), (454, 1691), (462, 1718), (504, 1799), (509, 1808), (514, 1820), (519, 1829), (530, 1859), (534, 1874), (561, 1973), (567, 1991),

Gene: Jabberwocky_2 Start: 514, Stop: 2106, Start Num: 139
Candidate Starts for Jabberwocky_2:
(Start: 139 @514 has 42 MA's), (143, 520), (200, 652), (205, 673), (219, 724), (225, 763), (226, 769), (233, 790), (249, 865), (252, 877), (284, 1006), (293, 1060), (296, 1078), (299, 1099), (304, 1135), (307, 1144), (324, 1228), (332, 1249), (361, 1381), (365, 1408), (367, 1420), (429, 1639), (437, 1657), (462, 1723), (466, 1732), (504, 1804), (514, 1825), (519, 1834), (530, 1864), (534, 1879), (561, 1978), (567, 1996),

Gene: JacAttac_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for JacAttac_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Jackstina_5 Start: 2603, Stop: 4363, Start Num: 70
Candidate Starts for Jackstina_5:
(4, 2129), (7, 2162), (11, 2228), (19, 2324), (Start: 64 @2585 has 4 MA's), (Start: 70 @2603 has 34 MA's), (Start: 82 @2621 has 9 MA's), (122, 2702), (211, 2915), (220, 2945), (221, 2951), (224, 2978), (236, 3014), (253, 3098), (278, 3224), (291, 3302), (299, 3359), (303, 3392), (332, 3506), (343, 3560), (371, 3680), (379, 3701), (412, 3797), (426, 3848), (438, 3878), (439, 3881), (455, 3917), (467, 3953), (489, 4028), (500, 4055), (504, 4064), (528, 4115), (536, 4148), (539, 4163), (543, 4175), (556, 4223), (559, 4235), (573, 4274), (574, 4277), (599, 4328),

Gene: JaguarMi_5 Start: 3458, Stop: 5203, Start Num: 80
Candidate Starts for JaguarMi_5:
(Start: 80 @3458 has 25 MA's), (113, 3518), (165, 3608), (Start: 186 @3647 has 1 MA's), (191, 3677), (196, 3689), (205, 3725), (211, 3749), (220, 3782), (221, 3788), (226, 3824), (245, 3905), (264, 3980), (275, 4040), (283, 4097), (291, 4139), (292, 4142), (299, 4196), (312, 4277), (343, 4394), (362, 4454), (391, 4568), (394, 4577), (412, 4637), (419, 4664), (425, 4691), (438, 4724), (450, 4754), (455, 4763), (465, 4793), (468, 4802), (489, 4874), (522, 4949), (537, 5003), (541, 5021), (549, 5051), (556, 5075), (566, 5108), (568, 5114), (574, 5129), (599, 5180),

Gene: JakeO_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for JakeO_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Jambalaya_5 Start: 1785, Stop: 3392, Start Num: 123
Candidate Starts for Jambalaya_5:
(Start: 123 @1785 has 31 MA's), (Start: 144 @1833 has 1 MA's), (219, 2031), (225, 2070), (235, 2103), (242, 2142), (243, 2148), (254, 2190), (278, 2271), (284, 2313), (287, 2325), (299, 2406), (304, 2442), (307, 2451), (332, 2556), (365, 2715), (394, 2814), (417, 2880), (426, 2922), (454, 2988), (455, 2991), (462, 3015), (492, 3084), (503, 3093), (509, 3105), (546, 3222), (561, 3270), (580, 3318),

Gene: JangoPhett_2 Start: 564, Stop: 2351, Start Num: 83

Candidate Starts for JangoPhett_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Janus167_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Janus167_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: JasonD_2 Start: 519, Stop: 1922, Start Num: 166
Candidate Starts for JasonD_2:
(Start: 166 @519 has 132 MA's), (195, 594), (209, 648), (218, 684), (239, 777), (252, 837), (282, 936), (291, 987), (299, 1044), (300, 1047), (302, 1059), (304, 1080), (305, 1083), (309, 1113), (312, 1125), (345, 1224), (364, 1281), (397, 1401), (398, 1404), (424, 1503), (427, 1515), (447, 1560), (463, 1608), (520, 1761), (529, 1785), (542, 1812),

Gene: JasperRussell_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for JasperRussell_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Jayden_3 Start: 932, Stop: 2554, Start Num: 127
Candidate Starts for Jayden_3:
(Start: 127 @932 has 5 MA's), (Start: 134 @947 has 8 MA's), (Start: 139 @962 has 42 MA's), (164, 1004), (Start: 180 @1025 has 1 MA's), (194, 1082), (221, 1193), (251, 1334), (256, 1355), (266, 1391), (286, 1475), (288, 1481), (289, 1490), (290, 1493), (369, 1859), (395, 1922), (398, 1931), (428, 2048), (436, 2066), (476, 2168), (481, 2195), (524, 2300), (526, 2303), (539, 2342), (544, 2363), (556, 2399), (567, 2435), (599, 2531), (600, 2543),

Gene: Jbug01_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Jbug01_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Jefe_4 Start: 1123, Stop: 2745, Start Num: 125
Candidate Starts for Jefe_4:
(34, 871), (Start: 125 @1123 has 21 MA's), (Start: 134 @1141 has 8 MA's), (135, 1144), (Start: 180 @1219 has 1 MA's), (194, 1276), (221, 1387), (234, 1447), (249, 1519), (251, 1528), (256, 1549), (266, 1585), (286, 1669), (288, 1675), (289, 1684), (290, 1687), (395, 2116), (398, 2125), (444, 2275), (453, 2299), (462, 2326), (471, 2347), (476, 2362), (489, 2413), (495, 2431), (526, 2497), (539, 2536), (543, 2548), (544, 2557), (576, 2647), (592, 2689), (594, 2701),

Gene: JellyBelly_4 Start: 2433, Stop: 4175, Start Num: 76

Candidate Starts for JellyBelly_4:
(50, 2358), (Start: 76 @2433 has 10 MA's), (133, 2544), (136, 2553), (172, 2610), (195, 2679), (197, 2682), (219, 2766), (221, 2775), (226, 2811), (230, 2823), (279, 3051), (298, 3174), (299, 3183), (301, 3189), (343, 3381), (369, 3501), (394, 3564), (419, 3645), (420, 3648), (465, 3774), (467, 3780), (504, 3888), (537, 3975), (539, 3987), (541, 3993), (543, 3999), (545, 4011), (548, 4020), (556, 4047), (558, 4056), (599, 4152),

Gene: Jemerald_2 Start: 648, Stop: 2075, Start Num: 153
Candidate Starts for Jemerald_2:
(Start: 153 @648 has 2 MA's), (158, 654), (208, 801), (218, 840), (231, 903), (233, 909), (238, 930), (239, 933), (282, 1092), (291, 1143), (297, 1182), (299, 1200), (302, 1215), (314, 1296), (319, 1314), (340, 1353), (345, 1386), (362, 1431), (377, 1515), (378, 1518), (397, 1563), (424, 1659), (427, 1671), (447, 1713), (459, 1752), (463, 1761), (485, 1836), (532, 1950), (542, 1965), (574, 2064),

Gene: Jenos_2 Start: 519, Stop: 1922, Start Num: 166
Candidate Starts for Jenos_2:
(Start: 166 @519 has 132 MA's), (195, 594), (209, 648), (218, 684), (239, 777), (246, 813), (252, 837), (282, 936), (291, 987), (299, 1044), (300, 1047), (302, 1059), (304, 1080), (305, 1083), (309, 1113), (312, 1125), (345, 1224), (364, 1281), (384, 1371), (424, 1503), (427, 1515), (447, 1560), (498, 1716), (520, 1761), (529, 1785), (542, 1812),

Gene: Jeon_2 Start: 348, Stop: 1952, Start Num: 118
Candidate Starts for Jeon_2:
(Start: 118 @348 has 8 MA's), (165, 426), (172, 438), (219, 594), (221, 603), (229, 648), (239, 687), (240, 690), (258, 771), (278, 876), (291, 954), (295, 978), (296, 990), (332, 1158), (338, 1176), (362, 1263), (364, 1275), (382, 1359), (391, 1380), (394, 1389), (395, 1392), (397, 1398), (419, 1470), (421, 1476), (426, 1500), (438, 1530), (445, 1542), (467, 1605), (484, 1656), (510, 1719), (516, 1731), (547, 1824), (550, 1833), (553, 1839), (564, 1884), (570, 1902), (577, 1923), (582, 1932), (587, 1944), (589, 1947),

Gene: Jerbirus_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Jerbirus_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: JeriBeth_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for JeriBeth_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Jesabah_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Jesabah_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Jillium_2 Start: 564, Stop: 2351, Start Num: 83

Candidate Starts for Jillium_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Jiminy_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Jiminy_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Jingles_2 Start: 608, Stop: 2026, Start Num: 160
Candidate Starts for Jingles_2:
(Start: 160 @608 has 12 MA's), (168, 620), (Start: 173 @629 has 7 MA's), (181, 644), (183, 650), (205, 743), (209, 758), (218, 794), (232, 860), (238, 884), (265, 986), (282, 1046), (291, 1097), (302, 1169), (312, 1235), (313, 1238), (345, 1334), (368, 1424), (378, 1466), (384, 1481), (397, 1508), (402, 1529), (424, 1610), (443, 1655), (447, 1664), (458, 1694), (463, 1712), (476, 1748), (495, 1817), (514, 1856), (522, 1868), (532, 1901), (542, 1916), (556, 1964), (574, 2015),

Gene: Jiraiya_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Jiraiya_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: JohnLord_2 Start: 207, Stop: 1727, Start Num: 150
Candidate Starts for JohnLord_2:
(86, 75), (Start: 150 @207 has 4 MA's), (165, 222), (172, 234), (201, 318), (211, 363), (219, 390), (233, 453), (234, 456), (241, 486), (249, 528), (253, 540), (276, 630), (286, 681), (289, 696), (300, 768), (305, 804), (307, 810), (312, 846), (313, 849), (332, 894), (340, 921), (342, 939), (343, 945), (344, 948), (346, 957), (359, 987), (365, 1023), (366, 1029), (367, 1035), (375, 1077), (380, 1092), (391, 1116), (394, 1125), (395, 1128), (410, 1176), (417, 1203), (421, 1212), (426, 1236), (438, 1266), (447, 1284), (455, 1305), (465, 1335), (467, 1341), (468, 1344), (472, 1356), (476, 1368), (483, 1401), (496, 1434), (502, 1446), (510, 1464), (516, 1476), (518, 1482), (525, 1497), (547, 1569), (550, 1578), (551, 1581), (556, 1602), (590, 1677), (594, 1689), (595, 1698),

Gene: JohnPork_5 Start: 1809, Stop: 3422, Start Num: 119
Candidate Starts for JohnPork_5:
(1, 1137), (6, 1260), (12, 1365), (13, 1368), (19, 1437), (Start: 119 @1809 has 1 MA's), (Start: 123 @1815 has 31 MA's), (Start: 144 @1863 has 1 MA's), (219, 2061), (225, 2100), (235, 2133), (242, 2172), (243, 2178), (254, 2220), (278, 2301), (284, 2343), (287, 2355), (299, 2436), (307, 2481), (332, 2586), (365, 2745), (394, 2844), (417, 2910), (426, 2952), (454, 3018), (455, 3021), (462, 3045), (492, 3114), (503, 3123), (509, 3135), (539, 3225), (546, 3252), (557, 3288), (561, 3300), (572, 3330), (580, 3348),

Gene: Jolie1_04 Start: 2384, Stop: 4144, Start Num: 80
Candidate Starts for Jolie1_04:

(Start: 80 @2384 has 25 MA's), (162, 2543), (165, 2549), (200, 2645), (211, 2690), (221, 2729), (226, 2765), (249, 2858), (257, 2891), (264, 2918), (278, 2999), (279, 3002), (286, 3050), (291, 3077), (292, 3080), (299, 3134), (343, 3332), (358, 3377), (387, 3491), (391, 3506), (394, 3515), (412, 3575), (414, 3581), (435, 3650), (450, 3686), (455, 3695), (467, 3731), (480, 3770), (489, 3806), (506, 3848), (522, 3881), (537, 3935), (559, 4019), (566, 4040), (568, 4046), (574, 4061), (599, 4115),

Gene: Jollipop_3 Start: 911, Stop: 2533, Start Num: 124
Candidate Starts for Jollipop_3:
(34, 686), (48, 749), (55, 773), (107, 890), (Start: 124 @911 has 19 MA's), (Start: 134 @929 has 8 MA's), (135, 932), (Start: 180 @1007 has 1 MA's), (194, 1064), (221, 1175), (234, 1235), (249, 1307), (251, 1316), (256, 1337), (266, 1373), (286, 1457), (288, 1463), (289, 1472), (290, 1475), (395, 1904), (398, 1913), (444, 2063), (453, 2087), (462, 2114), (471, 2135), (476, 2150), (489, 2201), (495, 2219), (526, 2285), (539, 2324), (543, 2336), (544, 2345), (576, 2435), (592, 2477), (594, 2489),

Gene: Jollymon_2 Start: 1099, Stop: 2844, Start Num: 120
Candidate Starts for Jollymon_2:
(Start: 101 @1063 has 6 MA's), (Start: 120 @1099 has 7 MA's), (Start: 129 @1108 has 4 MA's), (131, 1111), (142, 1138), (165, 1171), (218, 1336), (219, 1339), (221, 1348), (225, 1378), (258, 1516), (262, 1534), (288, 1678), (291, 1699), (296, 1735), (303, 1789), (326, 1894), (343, 1960), (344, 1963), (364, 2026), (367, 2050), (395, 2140), (419, 2218), (420, 2221), (426, 2248), (438, 2278), (447, 2296), (467, 2353), (486, 2419), (540, 2566), (577, 2689), (583, 2701), (592, 2722), (595, 2746), (601, 2773), (605, 2809), (607, 2821), (608, 2824),

Gene: JoyceMaria_5 Start: 3458, Stop: 5206, Start Num: 80
Candidate Starts for JoyceMaria_5:
(Start: 80 @3458 has 25 MA's), (113, 3518), (165, 3608), (Start: 186 @3647 has 1 MA's), (191, 3677), (196, 3689), (205, 3725), (211, 3749), (220, 3782), (221, 3788), (226, 3824), (230, 3836), (245, 3905), (264, 3980), (275, 4040), (283, 4097), (291, 4139), (292, 4142), (299, 4196), (309, 4265), (312, 4277), (343, 4394), (362, 4454), (380, 4544), (391, 4568), (394, 4577), (419, 4664), (425, 4691), (450, 4754), (455, 4763), (465, 4793), (467, 4799), (468, 4802), (480, 4838), (489, 4874), (522, 4949), (541, 5021), (549, 5051), (556, 5075), (566, 5108), (568, 5114), (574, 5129), (599, 5180),

Gene: Juanyo_2 Start: 626, Stop: 2068, Start Num: 175
Candidate Starts for Juanyo_2:
(Start: 145 @584 has 3 MA's), (163, 605), (Start: 175 @626 has 21 MA's), (Start: 180 @632 has 1 MA's), (209, 749), (218, 785), (238, 875), (252, 938), (267, 983), (282, 1037), (285, 1058), (291, 1088), (299, 1145), (302, 1160), (319, 1253), (368, 1442), (397, 1529), (424, 1622), (427, 1634), (440, 1664), (447, 1679), (458, 1709), (463, 1727), (476, 1763), (482, 1793), (495, 1832), (522, 1883), (532, 1916), (538, 1943), (542, 1958), (544, 1970), (558, 2015), (574, 2057),

Gene: Juicer_2 Start: 648, Stop: 2075, Start Num: 153
Candidate Starts for Juicer_2:
(Start: 153 @648 has 2 MA's), (158, 654), (208, 801), (218, 840), (231, 903), (233, 909), (238, 930), (239, 933), (282, 1092), (291, 1143), (297, 1182), (299, 1200), (302, 1215), (314, 1296), (319, 1314), (340, 1353), (345, 1386), (362, 1431), (377, 1515), (378, 1518), (397, 1563), (424, 1659), (427, 1671), (447, 1713), (459, 1752), (463, 1761), (485, 1836), (532, 1950), (542, 1965), (574, 2064),

Gene: KLucky39_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for KLucky39_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556,

2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Kahve_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Kahve_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: KaiHaiDragon_3 Start: 911, Stop: 2533, Start Num: 124
Candidate Starts for KaiHaiDragon_3:
(34, 686), (48, 749), (55, 773), (107, 890), (Start: 124 @911 has 19 MA's), (Start: 134 @929 has 8 MA's), (135, 932), (Start: 180 @1007 has 1 MA's), (194, 1064), (221, 1175), (234, 1235), (249, 1307), (251, 1316), (256, 1337), (266, 1373), (286, 1457), (288, 1463), (289, 1472), (290, 1475), (395, 1904), (398, 1913), (444, 2063), (453, 2087), (462, 2114), (471, 2135), (476, 2150), (489, 2201), (495, 2219), (526, 2285), (539, 2324), (543, 2336), (544, 2345), (576, 2435), (592, 2477), (594, 2489),

Gene: Kailash_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Kailash_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Kale_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Kale_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (239, 780), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (447, 1560), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Kaleb_7 Start: 4347, Stop: 6041, Start Num: 105
Candidate Starts for Kaleb_7:
(Start: 101 @4341 has 6 MA's), (Start: 105 @4347 has 31 MA's), (195, 4527), (216, 4608), (224, 4659), (226, 4668), (233, 4689), (257, 4797), (260, 4809), (291, 4983), (296, 5019), (298, 5031), (299, 5040), (312, 5121), (343, 5238), (344, 5241), (365, 5316), (369, 5352), (391, 5409), (426, 5529), (438, 5559), (447, 5577), (455, 5598), (465, 5628), (467, 5634), (480, 5673), (489, 5709), (500, 5736), (522, 5778), (537, 5832), (541, 5850), (556, 5904), (585, 5976),

Gene: Kamashten_2 Start: 514, Stop: 2106, Start Num: 139
Candidate Starts for Kamashten_2:
(Start: 139 @514 has 42 MA's), (143, 520), (205, 673), (219, 724), (225, 763), (226, 769), (233, 790), (243, 841), (249, 865), (252, 877), (284, 1006), (293, 1060), (296, 1078), (299, 1099), (304, 1135), (307, 1144), (324, 1228), (332, 1249), (361, 1381), (365, 1408), (367, 1420), (386, 1489), (394, 1513), (429, 1639), (437, 1657), (462, 1723), (466, 1732), (504, 1804), (514, 1825), (519, 1834), (530, 1864), (534, 1879), (561, 1978), (579, 2026),

Gene: Kamiyu_6 Start: 2699, Stop: 4474, Start Num: 64
Candidate Starts for Kamiyu_6:
(Start: 64 @2699 has 4 MA's), (Start: 70 @2717 has 34 MA's), (Start: 82 @2735 has 9 MA's), (122, 2813), (211, 3026), (220, 3056), (221, 3062), (224, 3089), (236, 3125), (253, 3209), (278, 3335), (291,

3413), (299, 3470), (303, 3503), (332, 3617), (343, 3671), (371, 3791), (379, 3812), (412, 3908), (426, 3959), (438, 3989), (439, 3992), (467, 4064), (489, 4139), (500, 4166), (504, 4175), (528, 4226), (536, 4259), (539, 4274), (543, 4286), (559, 4346), (573, 4385), (574, 4388), (599, 4439),

Gene: KannH_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for KannH_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: KarasumaRum_6 Start: 3572, Stop: 5335, Start Num: 83
Candidate Starts for KarasumaRum_6:
(24, 3347), (25, 3359), (39, 3431), (65, 3536), (Start: 83 @3572 has 309 MA's), (99, 3599), (Start: 160 @3713 has 12 MA's), (165, 3722), (221, 3899), (250, 4037), (251, 4040), (257, 4064), (260, 4076), (264, 4091), (291, 4250), (292, 4253), (300, 4310), (301, 4313), (302, 4322), (309, 4376), (312, 4388), (343, 4505), (349, 4526), (380, 4670), (447, 4862), (455, 4883), (475, 4943), (478, 4955), (494, 5009), (527, 5084), (528, 5087), (531, 5099), (536, 5120), (539, 5135), (541, 5141), (556, 5195), (574, 5249),

Gene: Karn_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Karn_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: KatChan_2 Start: 648, Stop: 2099, Start Num: 175
Candidate Starts for KatChan_2:
(Start: 175 @648 has 21 MA's), (Start: 186 @669 has 1 MA's), (193, 708), (203, 744), (209, 768), (218, 804), (238, 894), (239, 897), (282, 1056), (291, 1107), (301, 1170), (302, 1179), (319, 1278), (327, 1299), (331, 1311), (345, 1377), (362, 1422), (364, 1434), (384, 1524), (387, 1527), (397, 1554), (424, 1653), (427, 1665), (440, 1695), (442, 1698), (447, 1710), (458, 1740), (461, 1755), (463, 1758), (476, 1794), (522, 1914), (542, 1989), (558, 2046), (574, 2088),

Gene: Katniss_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Katniss_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Kauala_2 Start: 608, Stop: 2026, Start Num: 160
Candidate Starts for Kauala_2:
(Start: 160 @608 has 12 MA's), (168, 620), (181, 644), (205, 743), (209, 758), (218, 794), (238, 884), (252, 947), (265, 986), (282, 1046), (291, 1097), (302, 1169), (304, 1190), (312, 1235), (313, 1238), (345, 1334), (362, 1379), (368, 1424), (378, 1466), (384, 1481), (397, 1508), (424, 1610), (427, 1622), (431, 1631), (443, 1655), (447, 1664), (463, 1712), (476, 1748), (495, 1817), (522, 1868), (527, 1883), (532, 1901), (542, 1916), (556, 1964), (574, 2015),

Gene: Kavo_2 Start: 525, Stop: 1949, Start Num: 171
Candidate Starts for Kavo_2:

(Start: 171 @525 has 5 MA's), (178, 534), (209, 654), (218, 690), (238, 780), (239, 783), (252, 843), (282, 942), (285, 963), (287, 969), (291, 993), (299, 1050), (300, 1053), (302, 1065), (312, 1131), (319, 1158), (340, 1197), (345, 1230), (377, 1359), (378, 1362), (397, 1404), (424, 1503), (443, 1551), (447, 1560), (458, 1590), (459, 1599), (463, 1608), (495, 1713), (520, 1761), (522, 1764), (532, 1797), (535, 1809), (542, 1839), (558, 1896), (574, 1938),

Gene: KayaCho_4 Start: 2387, Stop: 4147, Start Num: 80
Candidate Starts for KayaCho_4:
(Start: 80 @2387 has 25 MA's), (162, 2546), (165, 2552), (200, 2648), (211, 2693), (221, 2732), (226, 2768), (249, 2861), (257, 2894), (264, 2921), (278, 3002), (279, 3005), (286, 3053), (291, 3080), (292, 3083), (296, 3116), (299, 3137), (303, 3170), (343, 3335), (358, 3380), (387, 3494), (391, 3509), (394, 3518), (412, 3578), (414, 3584), (435, 3653), (450, 3689), (455, 3698), (467, 3734), (480, 3773), (489, 3809), (506, 3851), (522, 3884), (537, 3938), (559, 4022), (568, 4049), (574, 4064), (599, 4118),

Gene: Keitherie_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Keitherie_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: KellyGreen_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for KellyGreen_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Kewpiedoll_2 Start: 514, Stop: 2106, Start Num: 139
Candidate Starts for Kewpiedoll_2:
(Start: 139 @514 has 42 MA's), (143, 520), (191, 622), (200, 652), (205, 673), (219, 724), (225, 763), (226, 769), (233, 790), (243, 841), (249, 865), (252, 877), (284, 1006), (293, 1060), (296, 1078), (299, 1099), (304, 1135), (307, 1144), (324, 1228), (332, 1249), (361, 1381), (365, 1408), (367, 1420), (429, 1639), (437, 1657), (462, 1723), (504, 1804), (514, 1825), (519, 1834), (530, 1864), (534, 1879), (561, 1978), (567, 1996),

Gene: Khan1_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Khan1_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Kheth_7 Start: 4230, Stop: 5924, Start Num: 105
Candidate Starts for Kheth_7:
(Start: 101 @4224 has 6 MA's), (Start: 105 @4230 has 31 MA's), (Start: 186 @4368 has 1 MA's), (195, 4410), (216, 4491), (224, 4542), (226, 4551), (233, 4572), (257, 4680), (260, 4692), (291, 4866), (296, 4902), (298, 4914), (299, 4923), (312, 5004), (343, 5121), (344, 5124), (365, 5199), (369, 5235), (391, 5292), (426, 5412), (438, 5442), (447, 5460), (455, 5481), (465, 5511), (467, 5517), (480, 5556), (489, 5592), (500, 5619), (522, 5661), (537, 5715), (541, 5733), (556, 5787), (585, 5859),

Gene: Kikipoo_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Kikipoo_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Kimbrough_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Kimbrough_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: KimmyK_5 Start: 1791, Stop: 3395, Start Num: 123
Candidate Starts for KimmyK_5:
(Start: 123 @1791 has 31 MA's), (Start: 144 @1839 has 1 MA's), (200, 1962), (219, 2034), (228, 2085), (235, 2106), (238, 2124), (254, 2193), (278, 2274), (281, 2289), (284, 2316), (290, 2343), (295, 2376), (299, 2409), (304, 2445), (307, 2454), (370, 2757), (417, 2883), (426, 2925), (442, 2961), (455, 2994), (462, 3018), (492, 3087), (503, 3096), (509, 3108), (546, 3225), (557, 3261), (561, 3273), (580, 3321),

Gene: KingJulien_2 Start: 522, Stop: 1925, Start Num: 166
Candidate Starts for KingJulien_2:
(Start: 166 @522 has 132 MA's), (195, 603), (209, 657), (218, 693), (239, 786), (252, 846), (282, 945), (291, 996), (302, 1068), (304, 1089), (312, 1134), (313, 1137), (333, 1197), (345, 1233), (362, 1278), (364, 1290), (398, 1413), (424, 1509), (427, 1521), (447, 1566), (458, 1596), (459, 1605), (463, 1614), (481, 1677), (522, 1770), (532, 1803), (542, 1818), (562, 1887),

Gene: KingTut_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for KingTut_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: KingVeVeVe_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for KingVeVeVe_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: KingstonB_2 Start: 1099, Stop: 2844, Start Num: 120
Candidate Starts for KingstonB_2:
(Start: 101 @1063 has 6 MA's), (Start: 120 @1099 has 7 MA's), (Start: 129 @1108 has 4 MA's), (131, 1111), (142, 1138), (165, 1171), (218, 1336), (219, 1339), (221, 1348), (225, 1378), (258, 1516), (262, 1534), (288, 1678), (291, 1699), (296, 1735), (303, 1789), (326, 1894), (343, 1960), (344, 1963), (364, 2026), (367, 2050), (395, 2140), (419, 2218), (420, 2221), (426, 2248), (438, 2278), (447, 2296), (467, 2353), (486, 2419), (540, 2566), (569, 2665), (577, 2689), (583, 2701), (592, 2722), (595, 2746), (601,

2773), (605, 2809), (607, 2821),

Gene: Kiwot_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Kiwot_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: KlimbOn_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for KlimbOn_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Klimt_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Klimt_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Kloppinator_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Kloppinator_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (113, 633), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Knocker_10 Start: 6134, Stop: 7915, Start Num: 62
Candidate Starts for Knocker_10:
(Start: 62 @6134 has 1 MA's), (111, 6221), (113, 6230), (165, 6320), (167, 6323), (182, 6347), (200, 6416), (201, 6419), (211, 6461), (221, 6500), (226, 6536), (245, 6617), (251, 6641), (257, 6665), (273, 6737), (283, 6809), (286, 6824), (292, 6854), (296, 6887), (301, 6914), (343, 7106), (344, 7109), (358, 7151), (362, 7166), (397, 7298), (438, 7439), (445, 7451), (467, 7514), (494, 7604), (522, 7664), (528, 7682), (539, 7730), (541, 7736), (556, 7790), (566, 7823), (568, 7829), (574, 7844), (576, 7850), (599, 7895),

Gene: Knox_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Knox_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (246, 816), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (430, 1521), (447, 1560), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Koji_2 Start: 608, Stop: 2026, Start Num: 160
Candidate Starts for Koji_2:
(Start: 160 @608 has 12 MA's), (168, 620), (Start: 173 @629 has 7 MA's), (181, 644), (183, 650), (205, 743), (209, 758), (218, 794), (232, 860), (238, 884), (265, 986), (282, 1046), (291, 1097), (302, 1169),

(304, 1190), (312, 1235), (345, 1334), (368, 1424), (378, 1466), (384, 1481), (397, 1508), (402, 1529), (424, 1610), (443, 1655), (447, 1664), (458, 1694), (463, 1712), (476, 1748), (495, 1817), (514, 1856), (522, 1868), (532, 1901), (542, 1916), (556, 1964), (574, 2015),

Gene: Kolhan_7 Start: 4230, Stop: 5924, Start Num: 105
Candidate Starts for Kolhan_7:
(Start: 101 @4224 has 6 MA's), (Start: 105 @4230 has 31 MA's), (195, 4410), (216, 4491), (224, 4542), (226, 4551), (233, 4572), (257, 4680), (260, 4692), (291, 4866), (296, 4902), (298, 4914), (299, 4923), (312, 5004), (343, 5121), (344, 5124), (365, 5199), (369, 5235), (391, 5292), (426, 5412), (438, 5442), (447, 5460), (455, 5481), (465, 5511), (467, 5517), (480, 5556), (489, 5592), (500, 5619), (522, 5661), (537, 5715), (541, 5733), (556, 5787), (585, 5859),

Gene: Kouch_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Kouch_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Kowalski_3 Start: 911, Stop: 2533, Start Num: 124
Candidate Starts for Kowalski_3:
(34, 686), (48, 749), (55, 773), (107, 890), (Start: 124 @911 has 19 MA's), (Start: 134 @929 has 8 MA's), (135, 932), (Start: 180 @1007 has 1 MA's), (194, 1064), (221, 1175), (234, 1235), (249, 1307), (251, 1316), (256, 1337), (266, 1373), (286, 1457), (288, 1463), (289, 1472), (290, 1475), (395, 1904), (398, 1913), (444, 2063), (453, 2087), (462, 2114), (471, 2135), (476, 2150), (489, 2201), (495, 2219), (526, 2285), (539, 2324), (543, 2336), (544, 2345), (567, 2417), (576, 2435), (592, 2477), (594, 2489),

Gene: Kozie_5 Start: 3254, Stop: 4894, Start Num: 109
Candidate Starts for Kozie_5:
(Start: 109 @3254 has 1 MA's), (138, 3314), (149, 3341), (Start: 166 @3365 has 132 MA's), (214, 3512), (220, 3542), (221, 3548), (249, 3680), (251, 3689), (286, 3830), (288, 3836), (289, 3845), (290, 3848), (325, 4037), (339, 4073), (356, 4145), (372, 4241), (381, 4268), (394, 4298), (411, 4349), (419, 4382), (420, 4385), (423, 4400), (476, 4526), (482, 4556), (484, 4562), (539, 4694), (544, 4715), (556, 4751), (558, 4760), (575, 4802),

Gene: Kroos_2 Start: 512, Stop: 2104, Start Num: 139
Candidate Starts for Kroos_2:
(Start: 139 @512 has 42 MA's), (143, 518), (Start: 160 @545 has 12 MA's), (191, 620), (200, 650), (205, 671), (211, 695), (219, 722), (226, 767), (233, 788), (243, 839), (249, 863), (252, 875), (284, 1004), (296, 1076), (299, 1097), (304, 1133), (306, 1139), (307, 1142), (324, 1226), (332, 1247), (361, 1379), (365, 1406), (367, 1418), (394, 1511), (421, 1604), (437, 1655), (454, 1694), (462, 1721), (466, 1730), (504, 1802), (509, 1811), (514, 1823), (519, 1832), (530, 1862), (534, 1877), (561, 1976), (599, 2084),

Gene: Kukla_1 Start: 1, Stop: 1506, Start Num: 156
Candidate Starts for Kukla_1:
(Start: 156 @1 has 9 MA's), (164, 13), (Start: 180 @34 has 1 MA's), (191, 76), (199, 100), (200, 103), (210, 142), (221, 184), (243, 292), (270, 379), (280, 424), (282, 442), (285, 463), (286, 466), (304, 586), (343, 745), (344, 748), (369, 859), (407, 967), (422, 1027), (433, 1066), (434, 1069), (441, 1081), (451, 1108), (456, 1117), (462, 1141), (484, 1213), (500, 1261),

Gene: Kurt1_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Kurt1_2:

(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (447, 1560), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Kwadwo_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Kwadwo_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Kwekel_2 Start: 558, Stop: 2156, Start Num: 128
Candidate Starts for Kwekel_2:
(Start: 128 @558 has 7 MA's), (181, 642), (193, 690), (200, 714), (205, 735), (211, 759), (219, 786), (225, 825), (235, 858), (238, 876), (240, 882), (251, 936), (252, 939), (278, 1026), (284, 1068), (293, 1122), (296, 1140), (299, 1161), (307, 1206), (321, 1278), (324, 1290), (332, 1311), (346, 1386), (361, 1443), (363, 1452), (365, 1470), (367, 1482), (394, 1569), (425, 1683), (442, 1722), (462, 1779), (503, 1857), (561, 2034), (567, 2052), (581, 2085),

Gene: Kwksand96_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Kwksand96_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Kwobi_2 Start: 512, Stop: 2104, Start Num: 139
Candidate Starts for Kwobi_2:
(Start: 139 @512 has 42 MA's), (143, 518), (Start: 160 @545 has 12 MA's), (191, 620), (200, 650), (205, 671), (211, 695), (219, 722), (226, 767), (233, 788), (243, 839), (249, 863), (252, 875), (284, 1004), (296, 1076), (299, 1097), (304, 1133), (307, 1142), (324, 1226), (332, 1247), (361, 1379), (365, 1406), (367, 1418), (394, 1511), (421, 1604), (437, 1655), (454, 1694), (462, 1721), (466, 1730), (504, 1802), (509, 1811), (514, 1823), (519, 1832), (530, 1862), (534, 1877), (561, 1976), (599, 2084),

Gene: Labeouficaum_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Labeouficaum_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Lambano_4 Start: 2364, Stop: 4109, Start Num: 69
Candidate Starts for Lambano_4:
(Start: 69 @2364 has 4 MA's), (113, 2424), (165, 2514), (172, 2526), (Start: 186 @2553 has 1 MA's), (191, 2583), (196, 2595), (205, 2631), (211, 2655), (220, 2688), (221, 2694), (226, 2730), (245, 2811), (264, 2886), (275, 2946), (283, 3003), (291, 3045), (292, 3048), (299, 3102), (309, 3171), (312, 3183), (316, 3201), (343, 3300), (344, 3303), (362, 3360), (380, 3450), (391, 3474), (394, 3483), (412, 3543), (425, 3597), (438, 3630), (450, 3660), (455, 3669), (465, 3699), (467, 3705), (468, 3708), (489, 3780), (522, 3855), (537, 3909), (541, 3927), (549, 3957), (566, 4014), (568, 4020), (574, 4035), (599, 4086),

Gene: Lars_7 Start: 4347, Stop: 6041, Start Num: 105
Candidate Starts for Lars_7:
(Start: 101 @4341 has 6 MA's), (Start: 105 @4347 has 31 MA's), (195, 4527), (216, 4608), (224, 4659), (226, 4668), (233, 4689), (257, 4797), (260, 4809), (291, 4983), (296, 5019), (298, 5031), (299, 5040), (312, 5121), (343, 5238), (344, 5241), (365, 5316), (369, 5352), (391, 5409), (426, 5529), (438, 5559), (447, 5577), (455, 5598), (465, 5628), (467, 5634), (480, 5673), (489, 5709), (500, 5736), (522, 5778), (537, 5832), (541, 5850), (556, 5904), (585, 5976),

Gene: Larson_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Larson_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: LasagnaCat_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for LasagnaCat_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Lasso_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Lasso_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Laurie_7 Start: 4224, Stop: 5924, Start Num: 101
Candidate Starts for Laurie_7:
(Start: 101 @4224 has 6 MA's), (Start: 105 @4230 has 31 MA's), (195, 4410), (216, 4491), (224, 4542), (226, 4551), (233, 4572), (257, 4680), (260, 4692), (291, 4866), (296, 4902), (298, 4914), (299, 4923), (312, 5004), (343, 5121), (344, 5124), (365, 5199), (369, 5235), (391, 5292), (426, 5412), (438, 5442), (447, 5460), (455, 5481), (465, 5511), (467, 5517), (480, 5556), (489, 5592), (500, 5619), (522, 5661), (537, 5715), (541, 5733), (556, 5787), (585, 5859),

Gene: Leaf_5 Start: 2376, Stop: 4109, Start Num: 91
Candidate Starts for Leaf_5:
(Start: 89 @2370 has 1 MA's), (Start: 91 @2376 has 1 MA's), (108, 2409), (111, 2415), (183, 2550), (214, 2673), (221, 2709), (239, 2793), (240, 2796), (259, 2877), (277, 2937), (282, 2964), (286, 2988), (292, 3018), (303, 3105), (307, 3117), (310, 3144), (328, 3201), (359, 3327), (365, 3363), (453, 3648), (470, 3699), (471, 3702), (491, 3777), (515, 3825), (520, 3837), (556, 3948), (578, 4008), (600, 4083),

Gene: Leafus_2 Start: 522, Stop: 1928, Start Num: 166
Candidate Starts for Leafus_2:
(Start: 166 @522 has 132 MA's), (195, 603), (209, 657), (218, 693), (239, 786), (252, 846), (282, 945), (291, 996), (302, 1068), (304, 1089), (312, 1134), (313, 1137), (333, 1197), (345, 1233), (362, 1278), (364, 1290), (398, 1413), (424, 1509), (427, 1521), (447, 1566), (458, 1596), (459, 1605), (463, 1614),

(481, 1677), (522, 1770), (532, 1803), (542, 1818), (562, 1887), (574, 1917),

Gene: LeeLot_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for LeeLot_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Lego3393_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Lego3393_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Legolas_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Legolas_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Lehmann_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Lehmann_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (113, 633), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: LeiMonet_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for LeiMonet_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: LemonSlice_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for LemonSlice_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Lennon_2 Start: 515, Stop: 2107, Start Num: 139
Candidate Starts for Lennon_2:

(Start: 139 @515 has 42 MA's), (143, 521), (191, 623), (200, 653), (205, 674), (212, 701), (219, 725), (225, 764), (226, 770), (233, 791), (243, 842), (249, 866), (252, 878), (284, 1007), (296, 1079), (299, 1100), (304, 1136), (307, 1145), (324, 1229), (332, 1250), (361, 1382), (365, 1409), (367, 1421), (429, 1640), (437, 1658), (462, 1724), (466, 1733), (504, 1805), (514, 1826), (519, 1835), (530, 1865), (534, 1880), (561, 1979), (567, 1997), (579, 2027), (599, 2087),

Gene: Leonard_2 Start: 534, Stop: 2189, Start Num: 134
Candidate Starts for Leonard_2:
(Start: 134 @534 has 8 MA's), (191, 657), (193, 663), (200, 687), (205, 708), (211, 732), (214, 741), (219, 759), (220, 762), (225, 798), (235, 831), (240, 855), (249, 900), (259, 939), (278, 999), (284, 1041), (285, 1047), (295, 1101), (296, 1113), (299, 1134), (304, 1170), (307, 1179), (321, 1251), (324, 1263), (332, 1284), (337, 1308), (361, 1446), (365, 1473), (425, 1692), (442, 1731), (454, 1761), (462, 1788), (467, 1800), (469, 1806), (503, 1887), (519, 1920), (521, 1923), (561, 2064), (567, 2082), (572, 2094), (579, 2112), (596, 2163),

Gene: Lephleur_7 Start: 4230, Stop: 5924, Start Num: 105
Candidate Starts for Lephleur_7:
(Start: 101 @4224 has 6 MA's), (Start: 105 @4230 has 31 MA's), (195, 4410), (216, 4491), (224, 4542), (226, 4551), (233, 4572), (257, 4680), (260, 4692), (291, 4866), (296, 4902), (298, 4914), (299, 4923), (312, 5004), (343, 5121), (344, 5124), (365, 5199), (369, 5235), (391, 5292), (426, 5412), (438, 5442), (447, 5460), (455, 5481), (465, 5511), (467, 5517), (480, 5556), (489, 5592), (500, 5619), (522, 5661), (537, 5715), (541, 5733), (556, 5787), (585, 5859),

Gene: LestyG_6 Start: 2717, Stop: 4477, Start Num: 70
Candidate Starts for LestyG_6:
(4, 2243), (7, 2276), (11, 2342), (19, 2438), (Start: 64 @2699 has 4 MA's), (Start: 70 @2717 has 34 MA's), (Start: 82 @2735 has 9 MA's), (122, 2816), (211, 3029), (220, 3059), (221, 3065), (224, 3092), (236, 3128), (253, 3212), (278, 3338), (291, 3416), (299, 3473), (303, 3506), (332, 3620), (343, 3674), (371, 3794), (379, 3815), (412, 3911), (426, 3962), (438, 3992), (439, 3995), (467, 4067), (489, 4142), (500, 4169), (504, 4178), (528, 4229), (536, 4262), (539, 4277), (543, 4289), (559, 4349), (573, 4388), (574, 4391), (599, 4442),

Gene: Librie_2 Start: 512, Stop: 1960, Start Num: 147
Candidate Starts for Librie_2:
(30, 167), (35, 188), (43, 233), (78, 350), (122, 455), (126, 461), (Start: 147 @512 has 12 MA's), (155, 521), (193, 617), (209, 677), (215, 704), (218, 713), (220, 719), (228, 767), (237, 797), (246, 842), (265, 905), (282, 965), (291, 1016), (302, 1088), (319, 1187), (345, 1265), (377, 1394), (378, 1397), (384, 1412), (397, 1442), (424, 1544), (474, 1676), (481, 1709), (507, 1775), (522, 1802), (532, 1835), (542, 1850), (556, 1898), (574, 1949),

Gene: Ligma_4 Start: 2439, Stop: 4172, Start Num: 76
Candidate Starts for Ligma_4:
(Start: 76 @2439 has 10 MA's), (136, 2550), (172, 2607), (195, 2676), (197, 2679), (219, 2763), (221, 2772), (226, 2808), (230, 2820), (298, 3171), (301, 3186), (343, 3378), (357, 3420), (369, 3498), (391, 3552), (394, 3561), (412, 3621), (419, 3642), (420, 3645), (438, 3702), (467, 3777), (537, 3972), (539, 3984), (541, 3990), (543, 3996), (545, 4008), (548, 4017), (558, 4053), (591, 4131), (599, 4149),

Gene: LilHam_2 Start: 512, Stop: 2104, Start Num: 139
Candidate Starts for LilHam_2:
(Start: 139 @512 has 42 MA's), (143, 518), (Start: 160 @545 has 12 MA's), (191, 620), (200, 650), (205, 671), (211, 695), (219, 722), (225, 761), (226, 767), (233, 788), (243, 839), (249, 863), (252, 875), (284, 1004), (296, 1076), (299, 1097), (304, 1133), (306, 1139), (307, 1142), (324, 1226), (332, 1247), (334, 1262), (361, 1379), (365, 1406), (367, 1418), (394, 1511), (421, 1604), (437, 1655), (454, 1694),

(462, 1721), (466, 1730), (504, 1802), (509, 1811), (514, 1823), (519, 1832), (530, 1862), (534, 1877), (561, 1976), (567, 1994),

Gene: LilMcDreamy_6 Start: 4326, Stop: 6113, Start Num: 83
Candidate Starts for LilMcDreamy_6:
(Start: 83 @4326 has 309 MA's), (95, 4350), (99, 4356), (165, 4479), (218, 4644), (221, 4656), (229, 4701), (253, 4803), (258, 4824), (260, 4833), (278, 4929), (287, 4983), (291, 5007), (292, 5010), (300, 5067), (312, 5145), (317, 5166), (329, 5202), (343, 5262), (349, 5283), (353, 5301), (354, 5304), (420, 5544), (438, 5601), (447, 5619), (455, 5640), (475, 5700), (480, 5715), (485, 5739), (522, 5826), (541, 5898), (556, 5952), (574, 6006), (593, 6066), (599, 6090),

Gene: LilSmirk_7 Start: 4230, Stop: 5924, Start Num: 105
Candidate Starts for LilSmirk_7:
(Start: 101 @4224 has 6 MA's), (Start: 105 @4230 has 31 MA's), (195, 4410), (216, 4491), (224, 4542), (226, 4551), (233, 4572), (257, 4680), (260, 4692), (291, 4866), (296, 4902), (298, 4914), (299, 4923), (312, 5004), (343, 5121), (344, 5124), (365, 5199), (369, 5235), (391, 5292), (426, 5412), (438, 5442), (447, 5460), (455, 5481), (465, 5511), (467, 5517), (480, 5556), (489, 5592), (500, 5619), (522, 5661), (537, 5715), (541, 5733), (556, 5787), (585, 5859),

Gene: LilTerminator_2 Start: 512, Stop: 1960, Start Num: 147
Candidate Starts for LilTerminator_2:
(30, 167), (35, 188), (43, 233), (122, 455), (126, 461), (Start: 147 @512 has 12 MA's), (155, 521), (193, 617), (209, 677), (215, 704), (218, 713), (220, 719), (228, 767), (237, 797), (246, 842), (265, 905), (279, 941), (282, 965), (291, 1016), (302, 1088), (319, 1187), (345, 1265), (377, 1394), (378, 1397), (384, 1412), (397, 1442), (424, 1544), (474, 1676), (481, 1709), (507, 1775), (522, 1802), (532, 1835), (542, 1850), (556, 1898), (574, 1949),

Gene: Lilbeanie_2 Start: 584, Stop: 2185, Start Num: 123
Candidate Starts for Lilbeanie_2:
(Start: 123 @584 has 31 MA's), (169, 665), (182, 686), (200, 755), (205, 776), (211, 800), (222, 848), (223, 860), (235, 899), (244, 950), (249, 968), (252, 980), (278, 1067), (284, 1109), (296, 1181), (299, 1202), (307, 1247), (309, 1271), (322, 1325), (323, 1328), (324, 1331), (332, 1352), (337, 1376), (340, 1391), (352, 1448), (374, 1565), (421, 1694), (426, 1718), (442, 1754), (454, 1784), (469, 1829), (514, 1907), (561, 2060), (564, 2069), (565, 2072),

Gene: LittleDigger_5 Start: 2364, Stop: 4109, Start Num: 69
Candidate Starts for LittleDigger_5:
(Start: 69 @2364 has 4 MA's), (113, 2424), (165, 2514), (Start: 186 @2553 has 1 MA's), (191, 2583), (196, 2595), (205, 2631), (211, 2655), (220, 2688), (221, 2694), (226, 2730), (230, 2742), (245, 2811), (264, 2886), (275, 2946), (283, 3003), (291, 3045), (292, 3048), (299, 3102), (309, 3171), (312, 3183), (343, 3300), (344, 3303), (362, 3360), (391, 3474), (394, 3483), (412, 3543), (425, 3597), (438, 3630), (450, 3660), (455, 3669), (465, 3699), (467, 3705), (468, 3708), (489, 3780), (522, 3855), (537, 3909), (541, 3927), (549, 3957), (556, 3981), (566, 4014), (568, 4020), (574, 4035), (599, 4086),

Gene: LittleFortune_4 Start: 1129, Stop: 2751, Start Num: 125
Candidate Starts for LittleFortune_4:
(57, 1003), (58, 1006), (63, 1024), (85, 1072), (102, 1108), (Start: 125 @1129 has 21 MA's), (Start: 134 @1147 has 8 MA's), (135, 1150), (Start: 180 @1225 has 1 MA's), (194, 1282), (221, 1393), (234, 1453), (249, 1525), (251, 1534), (256, 1555), (266, 1591), (286, 1675), (288, 1681), (289, 1690), (290, 1693), (395, 2122), (398, 2131), (444, 2281), (453, 2305), (462, 2332), (471, 2353), (476, 2368), (489, 2419), (495, 2437), (526, 2503), (539, 2542), (543, 2554), (544, 2563), (576, 2653), (592, 2695), (594, 2707),

Gene: LittleMinkey_8 Start: 2136, Stop: 3842, Start Num: 111
Candidate Starts for LittleMinkey_8:
(Start: 73 @2070 has 3 MA's), (111, 2136), (Start: 160 @2226 has 12 MA's), (165, 2235), (167, 2238), (Start: 186 @2274 has 1 MA's), (201, 2334), (211, 2376), (221, 2415), (266, 2616), (274, 2658), (283, 2724), (305, 2862), (309, 2892), (343, 3021), (394, 3204), (412, 3264), (416, 3276), (450, 3384), (480, 3468), (522, 3579), (537, 3633), (556, 3705), (566, 3738), (574, 3759), (581, 3777), (599, 3822),

Gene: LittleMunchkin_6 Start: 3931, Stop: 5658, Start Num: 84
Candidate Starts for LittleMunchkin_6:
(Start: 84 @3931 has 1 MA's), (172, 4093), (195, 4162), (219, 4249), (220, 4252), (221, 4258), (226, 4294), (227, 4297), (282, 4558), (298, 4657), (301, 4672), (343, 4864), (369, 4984), (382, 5020), (395, 5050), (402, 5077), (410, 5098), (412, 5107), (419, 5128), (425, 5155), (455, 5227), (465, 5257), (467, 5263), (504, 5371), (536, 5455), (537, 5458), (539, 5470), (545, 5494), (548, 5503), (556, 5530), (558, 5539), (599, 5635),

Gene: LizLemon_7 Start: 4347, Stop: 6041, Start Num: 105
Candidate Starts for LizLemon_7:
(Start: 101 @4341 has 6 MA's), (Start: 105 @4347 has 31 MA's), (195, 4527), (216, 4608), (224, 4659), (226, 4668), (233, 4689), (257, 4797), (260, 4809), (291, 4983), (296, 5019), (298, 5031), (299, 5040), (312, 5121), (343, 5238), (344, 5241), (365, 5316), (369, 5352), (391, 5409), (426, 5529), (438, 5559), (447, 5577), (455, 5598), (465, 5628), (467, 5634), (480, 5673), (489, 5709), (500, 5736), (522, 5778), (537, 5832), (541, 5850), (556, 5904), (585, 5976),

Gene: Lolalove_5 Start: 3455, Stop: 5203, Start Num: 80
Candidate Starts for Lolalove_5:
(Start: 80 @3455 has 25 MA's), (113, 3515), (165, 3605), (Start: 186 @3644 has 1 MA's), (191, 3674), (196, 3686), (205, 3722), (211, 3746), (220, 3779), (221, 3785), (230, 3833), (245, 3902), (264, 3977), (275, 4037), (283, 4094), (291, 4136), (292, 4139), (299, 4193), (309, 4262), (343, 4391), (362, 4451), (380, 4541), (391, 4565), (394, 4574), (412, 4634), (419, 4661), (425, 4688), (438, 4721), (450, 4751), (455, 4760), (465, 4790), (467, 4796), (468, 4799), (480, 4835), (489, 4871), (522, 4946), (537, 5000), (541, 5018), (549, 5048), (556, 5072), (566, 5105), (568, 5111), (574, 5126), (599, 5177),

Gene: Longacauda_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Longacauda_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Lopsy_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Lopsy_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (113, 633), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: LostAndPhound_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for LostAndPhound_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509),

(344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Love_2 Start: 514, Stop: 2106, Start Num: 139
Candidate Starts for Love_2:
(Start: 139 @514 has 42 MA's), (143, 520), (191, 622), (200, 652), (205, 673), (219, 724), (225, 763), (226, 769), (233, 790), (243, 841), (249, 865), (252, 877), (284, 1006), (293, 1060), (296, 1078), (299, 1099), (304, 1135), (307, 1144), (324, 1228), (332, 1249), (361, 1381), (365, 1408), (367, 1420), (386, 1489), (394, 1513), (429, 1639), (437, 1657), (462, 1723), (504, 1804), (514, 1825), (519, 1834), (530, 1864), (534, 1879), (561, 1978), (579, 2026),

Gene: Lovelyunicorn_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Lovelyunicorn_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (246, 816), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Lucky3_2 Start: 608, Stop: 2020, Start Num: 160
Candidate Starts for Lucky3_2:
(Start: 160 @608 has 12 MA's), (183, 647), (193, 695), (209, 755), (218, 791), (238, 881), (265, 983), (282, 1043), (291, 1094), (297, 1133), (299, 1151), (300, 1154), (302, 1166), (304, 1187), (313, 1235), (340, 1298), (345, 1331), (368, 1421), (384, 1478), (397, 1505), (413, 1562), (424, 1604), (458, 1688), (459, 1697), (461, 1703), (463, 1706), (476, 1742), (495, 1811), (514, 1850), (522, 1862), (529, 1883), (532, 1895), (542, 1910), (556, 1958), (574, 2009),

Gene: LuckyBarnes_8 Start: 2739, Stop: 4238, Start Num: 156
Candidate Starts for LuckyBarnes_8:
(136, 2700), (Start: 156 @2739 has 9 MA's), (Start: 166 @2754 has 132 MA's), (191, 2829), (221, 2937), (240, 3024), (249, 3069), (264, 3111), (267, 3123), (278, 3168), (282, 3195), (299, 3303), (303, 3336), (339, 3468), (343, 3495), (369, 3609), (387, 3651), (411, 3732), (419, 3765), (422, 3777), (424, 3789), (484, 3963), (488, 3972), (505, 4023), (524, 4071), (559, 4191), (571, 4221),

Gene: LuckyMarjie_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for LuckyMarjie_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Lucretia_4 Start: 1123, Stop: 2745, Start Num: 125
Candidate Starts for Lucretia_4:
(34, 871), (Start: 125 @1123 has 21 MA's), (Start: 134 @1141 has 8 MA's), (135, 1144), (Start: 180 @1219 has 1 MA's), (194, 1276), (221, 1387), (234, 1447), (249, 1519), (251, 1528), (256, 1549), (266, 1585), (286, 1669), (288, 1675), (289, 1684), (290, 1687), (395, 2116), (398, 2125), (444, 2275), (453, 2299), (462, 2326), (471, 2347), (489, 2413), (495, 2431), (539, 2536), (543, 2548), (544, 2557), (567, 2629), (594, 2701),

Gene: Ludgate_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Ludgate_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227),

(364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Lulumae_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Lulumae_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Lulwa_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Lulwa_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Lumine_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Lumine_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Luna18_2 Start: 648, Stop: 2099, Start Num: 175
Candidate Starts for Luna18_2:
(Start: 175 @648 has 21 MA's), (Start: 186 @669 has 1 MA's), (193, 708), (203, 744), (209, 768), (218, 804), (238, 894), (239, 897), (282, 1056), (291, 1107), (301, 1170), (302, 1179), (319, 1278), (327, 1299), (331, 1311), (345, 1377), (362, 1422), (364, 1434), (384, 1524), (387, 1527), (397, 1554), (424, 1653), (427, 1665), (440, 1695), (442, 1698), (447, 1710), (458, 1740), (461, 1755), (463, 1758), (476, 1794), (522, 1914), (542, 1989), (558, 2046), (574, 2088),

Gene: MCubed_2 Start: 513, Stop: 1961, Start Num: 175
Candidate Starts for MCubed_2:
(Start: 175 @513 has 21 MA's), (195, 585), (205, 624), (218, 675), (252, 828), (282, 927), (291, 978), (292, 981), (299, 1035), (300, 1038), (302, 1050), (319, 1143), (345, 1242), (362, 1287), (377, 1371), (397, 1419), (424, 1515), (427, 1527), (431, 1536), (442, 1560), (458, 1602), (459, 1611), (463, 1620), (495, 1725), (520, 1773), (522, 1776), (532, 1809), (542, 1851), (544, 1863), (558, 1908), (574, 1950),

Gene: MRabcd_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for MRabcd_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: MaeLinda_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for MaeLinda_2:

(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Mag7_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Mag7_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Magic8_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Magic8_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Magpie_5 Start: 3455, Stop: 5203, Start Num: 80
Candidate Starts for Magpie_5:
(Start: 80 @3455 has 25 MA's), (165, 3605), (Start: 186 @3644 has 1 MA's), (191, 3674), (196, 3686), (205, 3722), (211, 3746), (220, 3779), (221, 3785), (226, 3821), (245, 3902), (264, 3977), (275, 4037), (283, 4094), (291, 4136), (292, 4139), (299, 4193), (309, 4262), (312, 4274), (343, 4391), (362, 4451), (391, 4565), (394, 4574), (412, 4634), (419, 4661), (425, 4688), (438, 4721), (450, 4751), (455, 4760), (465, 4790), (467, 4796), (468, 4799), (480, 4835), (489, 4871), (522, 4946), (537, 5000), (541, 5018), (549, 5048), (556, 5072), (566, 5105), (568, 5111), (574, 5126), (599, 5177),

Gene: Makar_2 Start: 1099, Stop: 2844, Start Num: 120
Candidate Starts for Makar_2:
(Start: 101 @1063 has 6 MA's), (Start: 120 @1099 has 7 MA's), (131, 1111), (142, 1138), (165, 1171), (218, 1336), (219, 1339), (221, 1348), (225, 1378), (248, 1477), (288, 1678), (291, 1699), (303, 1789), (326, 1894), (343, 1960), (362, 2014), (364, 2026), (367, 2050), (420, 2221), (426, 2248), (438, 2278), (447, 2296), (467, 2353), (486, 2419), (540, 2566), (559, 2635), (577, 2689), (583, 2701), (592, 2722), (595, 2746), (598, 2755), (601, 2773), (604, 2800), (605, 2809), (606, 2818), (607, 2821), (609, 2836),

Gene: MakoManhole_6 Start: 3931, Stop: 5652, Start Num: 82
Candidate Starts for MakoManhole_6:
(47, 3829), (Start: 82 @3931 has 9 MA's), (Start: 91 @3949 has 1 MA's), (Start: 127 @4012 has 5 MA's), (172, 4090), (198, 4168), (204, 4189), (219, 4246), (221, 4255), (224, 4282), (226, 4291), (230, 4303), (247, 4381), (275, 4507), (282, 4555), (296, 4642), (298, 4654), (299, 4663), (301, 4669), (304, 4699), (318, 4771), (329, 4801), (343, 4861), (455, 5224), (467, 5260), (481, 5311), (497, 5353), (522, 5401), (545, 5491), (556, 5527), (591, 5614), (599, 5632),

Gene: ManRay_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for ManRay_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (239, 780), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (447, 1560), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Mana_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Mana_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Manad_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Manad_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Mandalorian_2 Start: 624, Stop: 2069, Start Num: 173
Candidate Starts for Mandalorian_2:
(Start: 173 @624 has 7 MA's), (209, 747), (218, 783), (232, 849), (238, 873), (239, 876), (252, 936), (267, 981), (282, 1035), (285, 1056), (291, 1086), (292, 1089), (297, 1125), (299, 1143), (302, 1158), (319, 1251), (340, 1317), (345, 1350), (397, 1527), (402, 1548), (424, 1623), (427, 1635), (440, 1665), (447, 1680), (458, 1710), (463, 1728), (476, 1764), (495, 1833), (522, 1884), (527, 1899), (532, 1917), (542, 1959), (544, 1971), (558, 2016), (574, 2058),

Gene: Mao1_2 Start: 207, Stop: 1727, Start Num: 150
Candidate Starts for Mao1_2:
(Start: 150 @207 has 4 MA's), (165, 222), (172, 234), (201, 318), (211, 363), (219, 390), (233, 453), (234, 456), (241, 486), (249, 528), (253, 540), (276, 630), (286, 681), (289, 696), (300, 768), (305, 804), (306, 807), (307, 810), (312, 846), (313, 849), (332, 894), (340, 921), (342, 939), (343, 945), (344, 948), (346, 957), (359, 987), (365, 1023), (366, 1029), (367, 1035), (375, 1077), (380, 1092), (391, 1116), (394, 1125), (395, 1128), (410, 1176), (417, 1203), (421, 1212), (426, 1236), (438, 1266), (447, 1284), (455, 1305), (467, 1341), (468, 1344), (472, 1356), (476, 1368), (483, 1401), (496, 1434), (502, 1446), (510, 1464), (516, 1476), (518, 1482), (525, 1497), (547, 1569), (550, 1578), (551, 1581), (556, 1602), (590, 1677), (594, 1689), (595, 1698),

Gene: Margaery_4 Start: 2158, Stop: 3810, Start Num: 114
Candidate Starts for Margaery_4:
(2, 1522), (9, 1636), (14, 1720), (54, 2014), (Start: 114 @2158 has 6 MA's), (138, 2215), (172, 2275), (200, 2356), (212, 2407), (214, 2413), (219, 2440), (221, 2449), (224, 2476), (236, 2512), (249, 2581), (251, 2590), (255, 2602), (286, 2731), (288, 2737), (289, 2746), (290, 2749), (325, 2938), (339, 2977), (359, 3064), (394, 3202), (411, 3259), (419, 3292), (420, 3295), (432, 3337), (471, 3421), (489, 3487), (526, 3571), (539, 3604), (556, 3661), (573, 3706),

Gene: Mariokart_4 Start: 2433, Stop: 4175, Start Num: 76
Candidate Starts for Mariokart_4:
(50, 2358), (Start: 76 @2433 has 10 MA's), (133, 2544), (136, 2553), (172, 2610), (195, 2679), (197, 2682), (219, 2766), (221, 2775), (226, 2811), (230, 2823), (282, 3075), (298, 3174), (299, 3183), (301, 3189), (343, 3381), (369, 3501), (394, 3564), (419, 3645), (420, 3648), (465, 3774), (467, 3780), (504, 3888), (537, 3975), (539, 3987), (541, 3993), (543, 3999), (545, 4011), (548, 4020), (556, 4047), (558, 4056), (599, 4152),

Gene: Marlia_6 Start: 2714, Stop: 4474, Start Num: 70
Candidate Starts for Marlia_6:

(4, 2240), (7, 2273), (11, 2339), (19, 2435), (Start: 64 @2696 has 4 MA's), (Start: 70 @2714 has 34 MA's), (Start: 82 @2732 has 9 MA's), (122, 2813), (211, 3026), (220, 3056), (221, 3062), (224, 3089), (236, 3125), (253, 3209), (278, 3335), (291, 3413), (299, 3470), (303, 3503), (306, 3512), (309, 3539), (332, 3617), (343, 3671), (371, 3791), (379, 3812), (412, 3908), (426, 3959), (438, 3989), (439, 3992), (467, 4064), (489, 4139), (500, 4166), (504, 4175), (528, 4226), (536, 4259), (539, 4274), (543, 4286), (559, 4346), (573, 4385), (574, 4388), (599, 4439),

Gene: Martin_3 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Martin_3:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (447, 1560), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Maru_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Maru_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Maruru_2 Start: 649, Stop: 2124, Start Num: 156
Candidate Starts for Maruru_2:
(Start: 156 @649 has 9 MA's), (161, 655), (181, 688), (227, 880), (240, 928), (278, 1075), (281, 1090), (305, 1249), (332, 1342), (408, 1618), (411, 1630), (420, 1666), (422, 1675), (441, 1729), (456, 1765), (500, 1909), (505, 1921), (529, 1981), (539, 2026),

Gene: Mask_2 Start: 207, Stop: 1727, Start Num: 150
Candidate Starts for Mask_2:
(Start: 150 @207 has 4 MA's), (165, 222), (172, 234), (201, 318), (211, 363), (219, 390), (233, 453), (234, 456), (241, 486), (249, 528), (253, 540), (276, 630), (286, 681), (289, 696), (300, 768), (305, 804), (306, 807), (307, 810), (312, 846), (313, 849), (332, 894), (340, 921), (342, 939), (343, 945), (344, 948), (346, 957), (359, 987), (365, 1023), (366, 1029), (367, 1035), (370, 1062), (375, 1077), (380, 1092), (391, 1116), (394, 1125), (395, 1128), (410, 1176), (417, 1203), (421, 1212), (426, 1236), (438, 1266), (447, 1284), (455, 1305), (467, 1341), (468, 1344), (472, 1356), (476, 1368), (483, 1401), (496, 1434), (502, 1446), (510, 1464), (516, 1476), (518, 1482), (525, 1497), (547, 1569), (550, 1578), (551, 1581), (556, 1602), (590, 1677), (594, 1689), (595, 1698),

Gene: Maskar_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Maskar_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: MasterPo_7 Start: 4230, Stop: 5924, Start Num: 105
Candidate Starts for MasterPo_7:
(Start: 101 @4224 has 6 MA's), (Start: 105 @4230 has 31 MA's), (195, 4410), (216, 4491), (224, 4542), (226, 4551), (233, 4572), (257, 4680), (260, 4692), (291, 4866), (296, 4902), (298, 4914), (299, 4923), (312, 5004), (343, 5121), (344, 5124), (365, 5199), (369, 5235), (391, 5292), (426, 5412), (438, 5442), (447, 5460), (455, 5481), (465, 5511), (467, 5517), (480, 5556), (489, 5592), (500, 5619), (522, 5661),

(537, 5715), (541, 5733), (556, 5787), (585, 5859),

Gene: Matalotodo_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Matalotodo_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Matzah_4 Start: 2176, Stop: 3816, Start Num: 114
Candidate Starts for Matzah_4:
(54, 2032), (Start: 114 @2176 has 6 MA's), (138, 2224), (146, 2248), (Start: 166 @2275 has 132 MA's), (200, 2365), (211, 2413), (219, 2449), (221, 2458), (224, 2485), (236, 2521), (249, 2590), (251, 2599), (277, 2686), (286, 2740), (288, 2746), (289, 2755), (290, 2758), (296, 2803), (305, 2863), (339, 2983), (355, 3052), (356, 3055), (359, 3070), (394, 3208), (411, 3265), (419, 3298), (420, 3301), (423, 3316), (432, 3343), (471, 3427), (476, 3442), (495, 3511), (515, 3550), (526, 3577), (539, 3610), (556, 3667), (575, 3718), (586, 3751),

Gene: McCrothy_2 Start: 514, Stop: 2106, Start Num: 139
Candidate Starts for McCrothy_2:
(Start: 139 @514 has 42 MA's), (143, 520), (191, 622), (205, 673), (212, 700), (219, 724), (225, 763), (226, 769), (233, 790), (243, 841), (252, 877), (284, 1006), (293, 1060), (296, 1078), (299, 1099), (304, 1135), (307, 1144), (324, 1228), (332, 1249), (361, 1381), (365, 1408), (367, 1420), (394, 1513), (429, 1639), (437, 1657), (462, 1723), (504, 1804), (514, 1825), (519, 1834), (530, 1864), (534, 1879), (561, 1978), (567, 1996), (579, 2026), (599, 2086),

Gene: McGalleon_2 Start: 519, Stop: 1922, Start Num: 166
Candidate Starts for McGalleon_2:
(Start: 166 @519 has 132 MA's), (195, 594), (209, 648), (218, 684), (239, 777), (246, 813), (252, 837), (282, 936), (291, 987), (299, 1044), (300, 1047), (302, 1059), (304, 1080), (305, 1083), (309, 1113), (312, 1125), (345, 1224), (364, 1281), (384, 1371), (424, 1503), (427, 1515), (447, 1560), (498, 1716), (520, 1761), (529, 1785), (542, 1812),

Gene: McKinley_2 Start: 514, Stop: 2106, Start Num: 139
Candidate Starts for McKinley_2:
(Start: 139 @514 has 42 MA's), (143, 520), (205, 673), (219, 724), (225, 763), (226, 769), (233, 790), (243, 841), (249, 865), (252, 877), (284, 1006), (293, 1060), (296, 1078), (299, 1099), (304, 1135), (307, 1144), (324, 1228), (332, 1249), (361, 1381), (365, 1408), (367, 1420), (386, 1489), (390, 1501), (394, 1513), (429, 1639), (437, 1657), (462, 1723), (504, 1804), (514, 1825), (519, 1834), (530, 1864), (534, 1879), (561, 1978), (567, 1996), (579, 2026), (599, 2086),

Gene: Mcshane_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Mcshane_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Mecca_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Mecca_2:

(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (317, 1413), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Megabear_2 Start: 348, Stop: 1952, Start Num: 118
Candidate Starts for Megabear_2:
(Start: 118 @348 has 8 MA's), (165, 426), (172, 438), (219, 594), (221, 603), (229, 648), (239, 687), (240, 690), (258, 771), (278, 876), (291, 954), (295, 978), (296, 990), (332, 1158), (338, 1176), (362, 1263), (364, 1275), (382, 1359), (391, 1380), (394, 1389), (395, 1392), (397, 1398), (413, 1452), (419, 1470), (421, 1476), (426, 1500), (438, 1530), (467, 1605), (484, 1656), (510, 1719), (516, 1731), (547, 1824), (550, 1833), (553, 1839), (556, 1857), (570, 1902), (577, 1923), (582, 1932), (587, 1944), (589, 1947),

Gene: Megamind20_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Megamind20_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Megan_10 Start: 6304, Stop: 7938, Start Num: 116
Candidate Starts for Megan_10:
(110, 6286), (Start: 116 @6304 has 2 MA's), (149, 6370), (152, 6373), (Start: 156 @6379 has 9 MA's), (Start: 166 @6394 has 132 MA's), (174, 6406), (Start: 180 @6412 has 1 MA's), (200, 6484), (211, 6532), (218, 6565), (221, 6577), (224, 6604), (225, 6607), (230, 6625), (249, 6709), (252, 6721), (277, 6808), (285, 6859), (290, 6880), (294, 6910), (296, 6925), (326, 7072), (339, 7105), (341, 7120), (348, 7150), (351, 7162), (372, 7273), (398, 7342), (401, 7354), (411, 7387), (419, 7420), (420, 7423), (423, 7438), (432, 7465), (453, 7513), (471, 7549), (515, 7672), (539, 7732), (556, 7789), (563, 7813),

Gene: Megatron_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Megatron_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: MelBins_2 Start: 534, Stop: 2189, Start Num: 134
Candidate Starts for MelBins_2:
(Start: 134 @534 has 8 MA's), (191, 657), (193, 663), (200, 687), (205, 708), (211, 732), (214, 741), (219, 759), (220, 762), (225, 798), (235, 831), (240, 855), (249, 900), (278, 999), (284, 1041), (285, 1047), (295, 1101), (296, 1113), (299, 1134), (304, 1170), (305, 1173), (307, 1179), (321, 1251), (324, 1263), (332, 1284), (337, 1308), (361, 1446), (365, 1473), (425, 1692), (442, 1731), (454, 1761), (462, 1788), (467, 1800), (469, 1806), (503, 1887), (519, 1920), (521, 1923), (561, 2064), (567, 2082), (572, 2094), (579, 2112), (596, 2163),

Gene: Melc17_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Melc17_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179),

(283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: MelsMeow_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for MelsMeow_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: MementoMori_4 Start: 2173, Stop: 3813, Start Num: 114
Candidate Starts for MementoMori_4:
(20, 1837), (38, 1945), (Start: 114 @2173 has 6 MA's), (138, 2221), (146, 2245), (Start: 166 @2272 has 132 MA's), (200, 2362), (211, 2410), (219, 2446), (221, 2455), (224, 2482), (236, 2518), (249, 2587), (251, 2596), (277, 2683), (286, 2737), (288, 2743), (289, 2752), (290, 2755), (296, 2800), (303, 2854), (305, 2860), (339, 2980), (356, 3052), (359, 3067), (394, 3205), (411, 3262), (419, 3295), (420, 3298), (423, 3313), (432, 3340), (471, 3424), (476, 3439), (495, 3508), (515, 3547), (526, 3574), (539, 3607), (556, 3664), (575, 3715), (586, 3748),

Gene: Mercedes_2 Start: 528, Stop: 1952, Start Num: 176
Candidate Starts for Mercedes_2:
(Start: 175 @525 has 21 MA's), (Start: 176 @528 has 1 MA's), (205, 633), (218, 684), (220, 690), (228, 738), (231, 747), (237, 768), (279, 912), (282, 936), (285, 957), (291, 987), (300, 1047), (302, 1059), (314, 1140), (319, 1158), (345, 1257), (362, 1302), (378, 1389), (397, 1434), (399, 1443), (424, 1536), (427, 1548), (447, 1590), (458, 1620), (463, 1638), (481, 1701), (485, 1713), (491, 1734), (507, 1767), (522, 1794), (532, 1827), (542, 1842), (556, 1890), (574, 1941),

Gene: Merida02_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Merida02_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Merry_ Start: 1237, Stop: 2859, Start Num: 125
Candidate Starts for Merry_:
(Start: 125 @1237 has 21 MA's), (Start: 134 @1255 has 8 MA's), (135, 1258), (Start: 180 @1333 has 1 MA's), (194, 1390), (214, 1465), (221, 1501), (251, 1642), (286, 1783), (288, 1789), (290, 1801), (312, 1948), (369, 2167), (395, 2230), (398, 2239), (428, 2356), (471, 2461), (476, 2476), (481, 2503), (495, 2545), (524, 2608), (526, 2611), (539, 2650), (544, 2671), (556, 2707), (563, 2731), (578, 2767),

Gene: Mesh1_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Mesh1_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Mesmerelda_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Mesmerelda_2:

(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Metamorphoo_3 Start: 935, Stop: 2557, Start Num: 127
Candidate Starts for Metamorphoo_3:
(Start: 127 @935 has 5 MA's), (Start: 132 @944 has 1 MA's), (Start: 134 @950 has 8 MA's), (Start: 144 @977 has 1 MA's), (164, 1007), (Start: 180 @1028 has 1 MA's), (194, 1085), (214, 1160), (221, 1196), (249, 1328), (251, 1337), (256, 1358), (266, 1394), (286, 1478), (288, 1484), (289, 1493), (290, 1496), (369, 1862), (388, 1910), (398, 1934), (411, 1979), (428, 2051), (471, 2156), (476, 2171), (481, 2198), (524, 2303), (526, 2306), (539, 2345), (544, 2366), (556, 2402), (567, 2438), (599, 2534),

Gene: MichaelPhcott_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for MichaelPhcott_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Mikota_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Mikota_2:
(32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (465, 1914), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: MillyPhilly_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for MillyPhilly_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: MiniBoss_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for MiniBoss_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: MiniVolent_2 Start: 624, Stop: 2066, Start Num: 173
Candidate Starts for MiniVolent_2:
(Start: 173 @624 has 7 MA's), (Start: 180 @630 has 1 MA's), (209, 747), (218, 783), (238, 873), (252, 936), (260, 954), (267, 981), (282, 1035), (285, 1056), (291, 1086), (299, 1143), (301, 1149), (302, 1158), (319, 1251), (345, 1350), (397, 1527), (402, 1548), (424, 1620), (427, 1632), (440, 1662), (447, 1677), (458, 1707), (459, 1716), (463, 1725), (476, 1761), (495, 1830), (522, 1881), (532, 1914), (542, 1956), (544, 1968), (558, 2013), (574, 2055),

Gene: Minnow_4 Start: 2387, Stop: 4147, Start Num: 80
Candidate Starts for Minnow_4:
(Start: 80 @2387 has 25 MA's), (162, 2546), (165, 2552), (200, 2648), (211, 2693), (221, 2732), (226, 2768), (249, 2861), (257, 2894), (264, 2921), (278, 3002), (279, 3005), (286, 3053), (291, 3080), (292, 3083), (296, 3116), (299, 3137), (303, 3170), (343, 3335), (358, 3380), (387, 3494), (391, 3509), (394, 3518), (412, 3578), (414, 3584), (435, 3653), (450, 3689), (455, 3698), (467, 3734), (480, 3773), (489, 3809), (506, 3851), (522, 3884), (537, 3938), (559, 4022), (574, 4064), (599, 4118),

Gene: MisoSoup_4 Start: 819, Stop: 2513, Start Num: 106
Candidate Starts for MisoSoup_4:
(61, 720), (Start: 106 @819 has 1 MA's), (Start: 112 @831 has 1 MA's), (135, 873), (Start: 179 @948 has 2 MA's), (187, 975), (202, 1029), (214, 1080), (221, 1116), (224, 1143), (251, 1257), (277, 1347), (285, 1395), (306, 1524), (339, 1641), (347, 1683), (355, 1710), (400, 1887), (453, 2049), (515, 2211), (539, 2289), (558, 2355),

Gene: MitKao_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for MitKao_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Mithril_5 Start: 3458, Stop: 5206, Start Num: 80
Candidate Starts for Mithril_5:
(Start: 80 @3458 has 25 MA's), (113, 3518), (165, 3608), (Start: 186 @3647 has 1 MA's), (191, 3677), (196, 3689), (205, 3725), (211, 3749), (220, 3782), (221, 3788), (226, 3824), (245, 3905), (264, 3980), (275, 4040), (283, 4097), (291, 4139), (292, 4142), (299, 4196), (309, 4265), (312, 4277), (343, 4394), (344, 4397), (362, 4454), (391, 4568), (394, 4577), (419, 4664), (425, 4691), (438, 4724), (450, 4754), (455, 4763), (465, 4793), (467, 4799), (468, 4802), (480, 4838), (489, 4874), (522, 4949), (537, 5003), (541, 5021), (549, 5051), (556, 5075), (566, 5108), (568, 5114), (574, 5129), (599, 5180),

Gene: MmasiCarm_6 Start: 2714, Stop: 4474, Start Num: 70
Candidate Starts for MmasiCarm_6:
(4, 2240), (7, 2273), (11, 2339), (19, 2435), (Start: 64 @2696 has 4 MA's), (Start: 70 @2714 has 34 MA's), (Start: 82 @2732 has 9 MA's), (122, 2813), (211, 3026), (220, 3056), (221, 3062), (224, 3089), (236, 3125), (253, 3209), (278, 3335), (291, 3413), (299, 3470), (303, 3503), (332, 3617), (343, 3671), (371, 3791), (379, 3812), (412, 3908), (426, 3959), (438, 3989), (439, 3992), (467, 4064), (489, 4139), (500, 4166), (504, 4175), (528, 4226), (536, 4259), (539, 4274), (543, 4286), (559, 4346), (573, 4385), (574, 4388), (599, 4439),

Gene: MonChoix_2 Start: 522, Stop: 1931, Start Num: 166
Candidate Starts for MonChoix_2:
(Start: 166 @522 has 132 MA's), (195, 606), (207, 651), (209, 660), (218, 696), (239, 789), (246, 825), (252, 849), (282, 948), (291, 999), (302, 1071), (304, 1092), (312, 1137), (313, 1140), (333, 1200), (345, 1236), (364, 1293), (398, 1416), (424, 1512), (447, 1569), (458, 1599), (459, 1608), (463, 1617), (481, 1680), (522, 1773), (542, 1821), (562, 1890), (574, 1920),

Gene: MoontowerMania_2 Start: 514, Stop: 2106, Start Num: 139
Candidate Starts for MoontowerMania_2:
(Start: 139 @514 has 42 MA's), (143, 520), (191, 622), (205, 673), (219, 724), (225, 763), (226, 769), (233, 790), (243, 841), (252, 877), (284, 1006), (296, 1078), (299, 1099), (304, 1135), (307, 1144), (324, 1228), (332, 1249), (361, 1381), (365, 1408), (367, 1420), (386, 1489), (394, 1513), (421, 1606),

(429, 1639), (437, 1657), (462, 1723), (466, 1732), (504, 1804), (514, 1825), (519, 1834), (530, 1864), (534, 1879), (561, 1978), (564, 1987), (579, 2026), (599, 2086),

Gene: Morgushi_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Morgushi_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Morrigan_2 Start: 648, Stop: 2129, Start Num: 159
Candidate Starts for Morrigan_2:
(Start: 159 @648 has 1 MA's), (Start: 175 @675 has 21 MA's), (211, 810), (218, 834), (238, 924), (239, 927), (282, 1086), (291, 1137), (297, 1176), (301, 1200), (302, 1209), (314, 1290), (319, 1308), (345, 1407), (362, 1452), (364, 1464), (387, 1557), (397, 1584), (403, 1608), (424, 1683), (427, 1695), (447, 1740), (461, 1785), (463, 1788), (495, 1893), (522, 1944), (532, 1977), (542, 2019), (556, 2067), (558, 2076), (574, 2118),

Gene: Morty_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Morty_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Mosaic_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Mosaic_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: MossRose_6 Start: 3931, Stop: 5652, Start Num: 82
Candidate Starts for MossRose_6:
(47, 3829), (Start: 82 @3931 has 9 MA's), (Start: 91 @3949 has 1 MA's), (Start: 127 @4012 has 5 MA's), (172, 4090), (198, 4168), (204, 4189), (219, 4246), (221, 4255), (224, 4282), (226, 4291), (230, 4303), (247, 4381), (275, 4507), (282, 4555), (296, 4642), (298, 4654), (299, 4663), (301, 4669), (304, 4699), (305, 4702), (318, 4771), (329, 4801), (343, 4861), (455, 5224), (467, 5260), (481, 5311), (497, 5353), (522, 5401), (545, 5491), (556, 5527), (591, 5614), (599, 5632),

Gene: MrPhizzler_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for MrPhizzler_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: MrWorldwide_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for MrWorldwide_2:

(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Mudslide_5 Start: 3455, Stop: 5203, Start Num: 80
Candidate Starts for Mudslide_5:
(Start: 80 @3455 has 25 MA's), (113, 3515), (165, 3605), (Start: 186 @3644 has 1 MA's), (191, 3674), (196, 3686), (205, 3722), (211, 3746), (220, 3779), (221, 3785), (226, 3821), (245, 3902), (264, 3977), (275, 4037), (283, 4094), (291, 4136), (292, 4139), (299, 4193), (309, 4262), (312, 4274), (343, 4391), (344, 4394), (362, 4451), (391, 4565), (394, 4574), (419, 4661), (425, 4688), (438, 4721), (450, 4751), (455, 4760), (465, 4790), (467, 4796), (468, 4799), (480, 4835), (489, 4871), (522, 4946), (537, 5000), (541, 5018), (549, 5048), (556, 5072), (566, 5105), (568, 5111), (574, 5126), (599, 5177),

Gene: Mufasa8_2 Start: 651, Stop: 2123, Start Num: 156
Candidate Starts for Mufasa8_2:
(Start: 156 @651 has 9 MA's), (Start: 171 @675 has 5 MA's), (181, 690), (226, 879), (232, 897), (240, 930), (264, 1020), (278, 1077), (280, 1086), (281, 1092), (282, 1104), (285, 1125), (311, 1290), (376, 1536), (387, 1554), (408, 1614), (411, 1626), (419, 1659), (422, 1671), (441, 1725), (451, 1752), (456, 1761), (462, 1785), (467, 1797), (476, 1824), (505, 1917), (512, 1932), (542, 2031),

Gene: Mulan_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Mulan_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Mulaychimus_6 Start: 2714, Stop: 4474, Start Num: 70
Candidate Starts for Mulaychimus_6:
(4, 2240), (7, 2273), (11, 2339), (19, 2435), (Start: 64 @2696 has 4 MA's), (Start: 70 @2714 has 34 MA's), (Start: 82 @2732 has 9 MA's), (122, 2813), (211, 3026), (220, 3056), (221, 3062), (224, 3089), (236, 3125), (253, 3209), (278, 3335), (291, 3413), (299, 3470), (303, 3503), (306, 3512), (309, 3539), (332, 3617), (343, 3671), (371, 3791), (379, 3812), (412, 3908), (426, 3959), (438, 3989), (439, 3992), (467, 4064), (489, 4139), (500, 4166), (504, 4175), (528, 4226), (536, 4259), (539, 4274), (543, 4286), (559, 4346), (573, 4385), (574, 4388), (599, 4439),

Gene: Murdoc_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Murdoc_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Mutante_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Mutante_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Mutzi_5 Start: 1791, Stop: 3395, Start Num: 123
Candidate Starts for Mutzi_5:
(Start: 123 @1791 has 31 MA's), (Start: 144 @1839 has 1 MA's), (200, 1962), (219, 2034), (228, 2085), (235, 2106), (238, 2124), (254, 2193), (278, 2274), (281, 2289), (284, 2316), (290, 2343), (295, 2376), (299, 2409), (304, 2445), (307, 2454), (370, 2757), (416, 2877), (417, 2883), (426, 2925), (442, 2961), (455, 2994), (462, 3018), (492, 3087), (503, 3096), (509, 3108), (542, 3207), (546, 3225), (561, 3273), (572, 3303), (580, 3321),

Gene: Mysterious_6 Start: 3862, Stop: 5622, Start Num: 83
Candidate Starts for Mysterious_6:
(Start: 83 @3862 has 309 MA's), (99, 3892), (141, 3982), (165, 4015), (213, 4159), (221, 4192), (226, 4228), (229, 4237), (253, 4339), (257, 4357), (264, 4384), (291, 4543), (292, 4546), (300, 4603), (309, 4669), (312, 4681), (326, 4732), (343, 4798), (349, 4819), (353, 4837), (371, 4939), (420, 5080), (438, 5137), (447, 5155), (455, 5176), (475, 5236), (478, 5248), (485, 5275), (489, 5287), (522, 5362), (531, 5392), (539, 5428), (541, 5434), (556, 5488), (574, 5542),

Gene: NHagos_4 Start: 2460, Stop: 4139, Start Num: 103
Candidate Starts for NHagos_4:
(Start: 103 @2460 has 1 MA's), (140, 2529), (201, 2664), (204, 2676), (210, 2697), (219, 2733), (220, 2736), (221, 2742), (224, 2769), (226, 2778), (262, 2928), (279, 3018), (296, 3129), (298, 3141), (299, 3150), (301, 3156), (329, 3288), (342, 3342), (343, 3348), (366, 3438), (419, 3612), (420, 3615), (455, 3711), (467, 3747), (477, 3777), (522, 3888), (536, 3939), (541, 3960), (546, 3981), (566, 4047), (574, 4068), (576, 4074),

Gene: Nacho_002 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Nacho_002:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Nagem_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Nagem_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Nanao_4 Start: 2364, Stop: 4109, Start Num: 69
Candidate Starts for Nanao_4:
(Start: 69 @2364 has 4 MA's), (113, 2424), (165, 2514), (Start: 186 @2553 has 1 MA's), (191, 2583), (196, 2595), (205, 2631), (211, 2655), (220, 2688), (221, 2694), (226, 2730), (245, 2811), (264, 2886), (275, 2946), (283, 3003), (291, 3045), (292, 3048), (299, 3102), (309, 3171), (312, 3183), (316, 3201), (343, 3300), (344, 3303), (362, 3360), (380, 3450), (391, 3474), (394, 3483), (412, 3543), (425, 3597), (438, 3630), (450, 3660), (455, 3669), (465, 3699), (467, 3705), (468, 3708), (489, 3780), (522, 3855), (537, 3909), (541, 3927), (549, 3957), (566, 4014), (568, 4020), (574, 4035), (599, 4086),

Gene: Nangang_6 Start: 3572, Stop: 5338, Start Num: 83
Candidate Starts for Nangang_6:
(23, 3338), (24, 3347), (25, 3359), (39, 3431), (65, 3536), (Start: 83 @3572 has 309 MA's), (99, 3599), (Start: 160 @3713 has 12 MA's), (165, 3722), (221, 3899), (250, 4037), (251, 4040), (257, 4064), (260,

4076), (264, 4091), (285, 4220), (291, 4250), (292, 4253), (300, 4310), (301, 4313), (302, 4322), (309, 4376), (312, 4388), (343, 4505), (349, 4526), (380, 4670), (447, 4862), (455, 4883), (475, 4943), (478, 4955), (494, 5009), (522, 5069), (531, 5099), (536, 5120), (539, 5135), (541, 5141), (556, 5195), (574, 5249),

Gene: Nathan_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Nathan_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Nattles_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Nattles_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Nebulous_2 Start: 639, Stop: 2111, Start Num: 145
Candidate Starts for Nebulous_2:
(Start: 145 @639 has 3 MA's), (193, 741), (205, 786), (218, 837), (220, 843), (228, 891), (231, 900), (246, 966), (249, 978), (282, 1089), (285, 1110), (291, 1140), (299, 1197), (300, 1200), (302, 1212), (305, 1236), (314, 1293), (319, 1311), (362, 1455), (368, 1500), (384, 1557), (397, 1587), (424, 1695), (443, 1740), (458, 1779), (476, 1833), (481, 1860), (495, 1902), (532, 1986), (542, 2001), (556, 2049), (574, 2100),

Gene: Neferthena_2 Start: 639, Stop: 2105, Start Num: 145
Candidate Starts for Neferthena_2:
(Start: 145 @639 has 3 MA's), (193, 735), (218, 831), (220, 837), (228, 885), (231, 894), (246, 960), (249, 972), (282, 1083), (285, 1104), (291, 1134), (299, 1191), (300, 1194), (302, 1206), (305, 1230), (319, 1305), (358, 1434), (368, 1494), (397, 1581), (424, 1689), (458, 1773), (476, 1827), (481, 1854), (495, 1896), (542, 1995), (556, 2043), (574, 2094),

Gene: Nehemiah_5 Start: 3862, Stop: 5622, Start Num: 83
Candidate Starts for Nehemiah_5:
(Start: 83 @3862 has 309 MA's), (99, 3892), (141, 3982), (165, 4015), (213, 4159), (221, 4192), (226, 4228), (229, 4237), (253, 4339), (257, 4357), (264, 4384), (291, 4543), (292, 4546), (300, 4603), (309, 4669), (312, 4681), (326, 4732), (343, 4798), (349, 4819), (353, 4837), (371, 4939), (420, 5080), (438, 5137), (447, 5155), (455, 5176), (475, 5236), (478, 5248), (485, 5275), (489, 5287), (522, 5362), (531, 5392), (539, 5428), (541, 5434), (556, 5488), (574, 5542),

Gene: Nehme_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Nehme_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Newman_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Newman_2:

(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: NiaNia_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for NiaNia_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: NickSell_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for NickSell_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (447, 1560), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Nicole21_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Nicole21_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Nicole72_11 Start: 6557, Stop: 8203, Start Num: 116
Candidate Starts for Nicole72_11:
(68, 6446), (110, 6539), (Start: 116 @6557 has 2 MA's), (130, 6578), (149, 6626), (152, 6629), (Start: 156 @6635 has 9 MA's), (Start: 180 @6668 has 1 MA's), (193, 6719), (211, 6788), (217, 6815), (218, 6821), (220, 6827), (221, 6833), (224, 6860), (225, 6863), (230, 6881), (249, 6965), (252, 6977), (258, 6998), (266, 7031), (277, 7064), (290, 7136), (294, 7166), (296, 7181), (339, 7361), (348, 7406), (362, 7460), (372, 7529), (394, 7586), (401, 7610), (411, 7643), (419, 7676), (420, 7679), (423, 7694), (432, 7721), (453, 7769), (471, 7805), (556, 8045), (563, 8069), (588, 8129),

Gene: Nigel_4 Start: 2375, Stop: 4129, Start Num: 80
Candidate Starts for Nigel_4:
(40, 2258), (45, 2276), (Start: 80 @2375 has 25 MA's), (113, 2444), (165, 2534), (Start: 186 @2573 has 1 MA's), (191, 2603), (196, 2615), (205, 2651), (211, 2675), (220, 2708), (221, 2714), (226, 2750), (240, 2801), (245, 2831), (264, 2906), (275, 2966), (283, 3023), (291, 3065), (292, 3068), (299, 3122), (312, 3203), (343, 3320), (344, 3323), (362, 3380), (391, 3494), (418, 3581), (425, 3617), (438, 3650), (450, 3680), (455, 3689), (465, 3719), (467, 3725), (468, 3728), (489, 3800), (522, 3875), (537, 3929), (549, 3977), (566, 4034), (568, 4040), (574, 4055), (599, 4106),

Gene: NoodlelyBoi_3 Start: 914, Stop: 2536, Start Num: 125
Candidate Starts for NoodlelyBoi_3:
(34, 683), (46, 746), (100, 881), (Start: 125 @914 has 21 MA's), (Start: 134 @932 has 8 MA's), (135, 935), (Start: 180 @1010 has 1 MA's), (194, 1067), (214, 1142), (221, 1178), (249, 1310), (251, 1319), (266, 1376), (286, 1460), (288, 1466), (289, 1475), (290, 1478), (347, 1730), (395, 1907), (398, 1916), (436, 2051), (444, 2066), (453, 2090), (462, 2117), (471, 2138), (476, 2153), (489, 2204), (495, 2222),

(526, 2288), (539, 2327), (543, 2339), (567, 2420), (576, 2438), (594, 2492),

Gene: Nova1_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Nova1_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Nubi_5 Start: 1791, Stop: 3395, Start Num: 123
Candidate Starts for Nubi_5:
(Start: 123 @1791 has 31 MA's), (Start: 144 @1839 has 1 MA's), (200, 1962), (219, 2034), (228, 2085), (235, 2106), (238, 2124), (254, 2193), (278, 2274), (281, 2289), (284, 2316), (290, 2343), (295, 2376), (299, 2409), (304, 2445), (307, 2454), (370, 2757), (416, 2877), (417, 2883), (426, 2925), (442, 2961), (455, 2994), (462, 3018), (492, 3087), (503, 3096), (509, 3108), (542, 3207), (546, 3225), (561, 3273), (572, 3303), (580, 3321),

Gene: Nucci_2 Start: 624, Stop: 2069, Start Num: 173
Candidate Starts for Nucci_2:
(Start: 173 @624 has 7 MA's), (209, 747), (218, 783), (238, 873), (246, 912), (252, 936), (267, 981), (282, 1035), (285, 1056), (291, 1086), (292, 1089), (297, 1125), (300, 1146), (302, 1158), (319, 1251), (330, 1281), (340, 1317), (345, 1350), (397, 1527), (402, 1548), (424, 1623), (427, 1635), (440, 1665), (447, 1680), (458, 1710), (463, 1728), (476, 1764), (495, 1833), (522, 1884), (532, 1917), (542, 1959), (544, 1971), (558, 2016), (574, 2058),

Gene: Numberten_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Numberten_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Nyala_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Nyala_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: OSmaximus_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for OSmaximus_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Oats_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Oats_2:

(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (239, 780), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (447, 1560), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Obutu_6 Start: 2714, Stop: 4474, Start Num: 70
Candidate Starts for Obutu_6:
(4, 2240), (7, 2273), (11, 2339), (19, 2435), (Start: 64 @2696 has 4 MA's), (Start: 70 @2714 has 34 MA's), (Start: 82 @2732 has 9 MA's), (122, 2813), (211, 3026), (220, 3056), (221, 3062), (224, 3089), (236, 3125), (253, 3209), (278, 3335), (291, 3413), (299, 3470), (303, 3503), (306, 3512), (309, 3539), (332, 3617), (343, 3671), (371, 3791), (379, 3812), (412, 3908), (426, 3959), (438, 3989), (439, 3992), (467, 4064), (489, 4139), (500, 4166), (504, 4175), (528, 4226), (536, 4259), (539, 4274), (543, 4286), (559, 4346), (573, 4385), (574, 4388), (599, 4439),

Gene: Olak_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Olak_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: OldNelly_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for OldNelly_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (447, 1560), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Oline_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Oline_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Olive_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Olive_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: OliverWalter_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for OliverWalter_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Olivio_5 Start: 2562, Stop: 4322, Start Num: 70
Candidate Starts for Olivio_5:
(4, 2088), (7, 2121), (11, 2187), (19, 2283), (Start: 64 @2544 has 4 MA's), (Start: 70 @2562 has 34 MA's), (Start: 82 @2580 has 9 MA's), (122, 2661), (211, 2874), (220, 2904), (221, 2910), (224, 2937), (236, 2973), (253, 3057), (278, 3183), (291, 3261), (299, 3318), (303, 3351), (332, 3465), (343, 3519), (371, 3639), (379, 3660), (412, 3756), (426, 3807), (438, 3837), (439, 3840), (467, 3912), (489, 3987), (500, 4014), (504, 4023), (528, 4074), (536, 4107), (539, 4122), (543, 4134), (559, 4194), (573, 4233), (574, 4236), (599, 4287),

Gene: Omniscient_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Omniscient_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: OneBrain_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for OneBrain_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Onika_3 Start: 911, Stop: 2533, Start Num: 124
Candidate Starts for Onika_3:
(48, 749), (55, 773), (107, 890), (Start: 124 @911 has 19 MA's), (Start: 134 @929 has 8 MA's), (135, 932), (Start: 180 @1007 has 1 MA's), (194, 1064), (221, 1175), (234, 1235), (249, 1307), (251, 1316), (256, 1337), (266, 1373), (286, 1457), (288, 1463), (289, 1472), (290, 1475), (395, 1904), (398, 1913), (444, 2063), (453, 2087), (462, 2114), (471, 2135), (476, 2150), (489, 2201), (495, 2219), (526, 2285), (539, 2324), (543, 2336), (544, 2345), (567, 2417), (576, 2435), (592, 2477), (594, 2489),

Gene: Oosterbaan_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Oosterbaan_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Opia_7 Start: 4230, Stop: 5924, Start Num: 105
Candidate Starts for Opia_7:
(Start: 101 @4224 has 6 MA's), (Start: 105 @4230 has 31 MA's), (195, 4410), (216, 4491), (224, 4542), (226, 4551), (233, 4572), (257, 4680), (260, 4692), (291, 4866), (296, 4902), (298, 4914), (299, 4923), (312, 5004), (343, 5121), (344, 5124), (365, 5199), (369, 5235), (391, 5292), (426, 5412), (438, 5442), (447, 5460), (455, 5481), (465, 5511), (467, 5517), (480, 5556), (489, 5592), (500, 5619), (522, 5661), (537, 5715), (541, 5733), (556, 5787), (585, 5859),

Gene: OrangeOswald_6 Start: 2714, Stop: 4474, Start Num: 70
Candidate Starts for OrangeOswald_6:
(4, 2240), (7, 2273), (11, 2339), (19, 2435), (Start: 64 @2696 has 4 MA's), (Start: 70 @2714 has 34 MA's), (Start: 82 @2732 has 9 MA's), (122, 2813), (211, 3026), (220, 3056), (221, 3062), (224, 3089),

(236, 3125), (253, 3209), (278, 3335), (291, 3413), (299, 3470), (303, 3503), (332, 3617), (343, 3671), (371, 3791), (379, 3812), (412, 3908), (426, 3959), (438, 3989), (439, 3992), (455, 4028), (467, 4064), (489, 4139), (500, 4166), (504, 4175), (528, 4226), (536, 4259), (539, 4274), (543, 4286), (556, 4334), (559, 4346), (573, 4385), (574, 4388), (599, 4439),

Gene: Orfeu_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Orfeu_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Orion_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Orion_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Orpington_2 Start: 513, Stop: 1961, Start Num: 175
Candidate Starts for Orpington_2:
(Start: 175 @513 has 21 MA's), (195, 585), (205, 624), (218, 675), (252, 828), (282, 927), (285, 948), (291, 978), (292, 981), (299, 1035), (300, 1038), (302, 1050), (319, 1143), (345, 1242), (362, 1287), (397, 1419), (424, 1515), (427, 1527), (431, 1536), (442, 1560), (447, 1572), (458, 1602), (459, 1611), (461, 1617), (463, 1620), (495, 1725), (522, 1776), (532, 1809), (542, 1851), (544, 1863), (558, 1908), (574, 1950),

Gene: Orwigg_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Orwigg_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Oxtober96_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Oxtober96_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (246, 816), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: PG1_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for PG1_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: PR_02 Start: 348, Stop: 1952, Start Num: 118

Candidate Starts for PR_02:
(Start: 118 @348 has 8 MA's), (165, 426), (172, 438), (219, 594), (221, 603), (229, 648), (239, 687), (240, 690), (258, 771), (278, 876), (291, 954), (295, 978), (296, 990), (332, 1158), (338, 1176), (362, 1263), (364, 1275), (382, 1359), (391, 1380), (394, 1389), (395, 1392), (397, 1398), (413, 1452), (419, 1470), (421, 1476), (426, 1500), (438, 1530), (467, 1605), (484, 1656), (510, 1719), (516, 1731), (547, 1824), (550, 1833), (553, 1839), (556, 1857), (570, 1902), (577, 1923), (582, 1932), (587, 1944), (589, 1947),

Gene: PSirce_2 Start: 512, Stop: 1960, Start Num: 175
Candidate Starts for PSirce_2:
(Start: 145 @470 has 3 MA's), (148, 473), (Start: 175 @512 has 21 MA's), (Start: 180 @518 has 1 MA's), (195, 584), (205, 623), (218, 674), (252, 827), (282, 926), (285, 947), (291, 977), (292, 980), (299, 1034), (300, 1037), (302, 1049), (319, 1142), (345, 1241), (362, 1286), (377, 1370), (397, 1418), (424, 1514), (427, 1526), (431, 1535), (442, 1559), (447, 1571), (458, 1601), (459, 1610), (463, 1619), (495, 1724), (520, 1772), (522, 1775), (532, 1808), (542, 1850), (544, 1862), (558, 1907), (574, 1949),

Gene: Pacifista_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Pacifista_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Pajaza_2 Start: 620, Stop: 2008, Start Num: 175
Candidate Starts for Pajaza_2:
(Start: 175 @620 has 21 MA's), (206, 728), (209, 740), (212, 755), (218, 776), (249, 917), (252, 929), (282, 1028), (291, 1079), (302, 1151), (312, 1217), (345, 1316), (368, 1406), (397, 1493), (424, 1592), (427, 1604), (447, 1646), (458, 1676), (463, 1694), (485, 1769), (495, 1799), (529, 1871), (532, 1883), (542, 1898), (556, 1946), (574, 1997),

Gene: PallasAthena_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for PallasAthena_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Papafritta_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Papafritta_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (246, 816), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Paries_2 Start: 514, Stop: 2106, Start Num: 139
Candidate Starts for Paries_2:
(Start: 139 @514 has 42 MA's), (143, 520), (219, 724), (225, 763), (226, 769), (233, 790), (249, 865), (252, 877), (284, 1006), (296, 1078), (299, 1099), (304, 1135), (307, 1144), (324, 1228), (332, 1249), (361, 1381), (365, 1408), (367, 1420), (386, 1489), (390, 1501), (394, 1513), (429, 1639), (437, 1657), (462, 1723), (504, 1804), (514, 1825), (519, 1834), (530, 1864), (534, 1879), (561, 1978), (579, 2026),

Gene: ParleG_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for ParleG_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Paschalis_3 Start: 911, Stop: 2533, Start Num: 124
Candidate Starts for Paschalis_3:
(34, 686), (48, 749), (55, 773), (107, 890), (Start: 124 @911 has 19 MA's), (Start: 134 @929 has 8 MA's), (135, 932), (Start: 180 @1007 has 1 MA's), (194, 1064), (221, 1175), (234, 1235), (249, 1307), (251, 1316), (256, 1337), (266, 1373), (286, 1457), (288, 1463), (289, 1472), (290, 1475), (395, 1904), (398, 1913), (444, 2063), (453, 2087), (462, 2114), (471, 2135), (476, 2150), (489, 2201), (495, 2219), (526, 2285), (539, 2324), (543, 2336), (544, 2345), (576, 2435), (592, 2477), (594, 2489),

Gene: Peep_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Peep_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: PenguinLover67_8 Start: 4582, Stop: 6324, Start Num: 88
Candidate Starts for PenguinLover67_8:
(Start: 88 @4582 has 1 MA's), (99, 4606), (111, 4627), (113, 4636), (122, 4654), (165, 4726), (182, 4753), (211, 4867), (219, 4897), (221, 4906), (249, 5038), (257, 5071), (275, 5158), (291, 5257), (292, 5260), (299, 5314), (303, 5347), (309, 5383), (312, 5395), (343, 5512), (395, 5698), (397, 5704), (412, 5755), (419, 5785), (438, 5845), (467, 5920), (480, 5959), (485, 5983), (522, 6070), (537, 6124), (541, 6142), (556, 6196), (559, 6208), (566, 6229), (599, 6304),

Gene: Penta_2 Start: 525, Stop: 1949, Start Num: 171
Candidate Starts for Penta_2:
(Start: 171 @525 has 5 MA's), (178, 534), (209, 654), (218, 690), (238, 780), (239, 783), (252, 843), (265, 882), (282, 942), (285, 963), (287, 969), (291, 993), (299, 1050), (300, 1053), (302, 1065), (312, 1131), (319, 1158), (340, 1197), (345, 1230), (377, 1359), (378, 1362), (397, 1404), (424, 1503), (427, 1515), (443, 1551), (447, 1560), (458, 1590), (459, 1599), (463, 1608), (474, 1638), (520, 1761), (532, 1797), (535, 1809), (542, 1839), (558, 1896), (574, 1938),

Gene: Peppino_2 Start: 522, Stop: 1925, Start Num: 166
Candidate Starts for Peppino_2:
(Start: 166 @522 has 132 MA's), (195, 603), (209, 657), (218, 693), (239, 786), (252, 846), (282, 945), (291, 996), (302, 1068), (304, 1089), (312, 1134), (313, 1137), (333, 1197), (345, 1233), (362, 1278), (364, 1290), (398, 1413), (424, 1509), (427, 1521), (447, 1566), (458, 1596), (459, 1605), (463, 1614), (481, 1677), (522, 1770), (532, 1803), (542, 1818), (562, 1887),

Gene: PetriParty_1 Start: 1, Stop: 1503, Start Num: 156
Candidate Starts for PetriParty_1:
(Start: 156 @1 has 9 MA's), (161, 7), (164, 13), (Start: 180 @34 has 1 MA's), (191, 76), (199, 100), (200, 103), (210, 142), (221, 184), (270, 379), (280, 424), (282, 442), (285, 463), (286, 466), (296, 529), (343, 745), (344, 748), (369, 859), (398, 934), (433, 1066), (434, 1069), (441, 1081), (451, 1108), (456, 1117), (462, 1141), (476, 1180), (484, 1213), (505, 1273), (512, 1288), (513, 1291), (552, 1417), (555, 1423),

Gene: Phaedrus_5 Start: 2603, Stop: 4363, Start Num: 70
Candidate Starts for Phaedrus_5:
(4, 2129), (7, 2162), (11, 2228), (19, 2324), (Start: 64 @2585 has 4 MA's), (Start: 70 @2603 has 34 MA's), (Start: 82 @2621 has 9 MA's), (122, 2702), (211, 2915), (220, 2945), (221, 2951), (224, 2978), (236, 3014), (253, 3098), (278, 3224), (291, 3302), (299, 3359), (303, 3392), (332, 3506), (343, 3560), (371, 3680), (379, 3701), (412, 3797), (426, 3848), (438, 3878), (439, 3881), (467, 3953), (489, 4028), (500, 4055), (504, 4064), (528, 4115), (536, 4148), (539, 4163), (543, 4175), (559, 4235), (573, 4274), (574, 4277), (599, 4328),

Gene: Phamished_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Phamished_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Phanita_2 Start: 513, Stop: 1961, Start Num: 175
Candidate Starts for Phanita_2:
(Start: 175 @513 has 21 MA's), (195, 585), (205, 624), (218, 675), (252, 828), (282, 927), (285, 948), (291, 978), (292, 981), (299, 1035), (300, 1038), (302, 1050), (319, 1143), (368, 1332), (377, 1371), (397, 1419), (424, 1515), (427, 1527), (431, 1536), (443, 1563), (447, 1572), (458, 1602), (459, 1611), (463, 1620), (495, 1725), (520, 1773), (522, 1776), (532, 1809), (542, 1851), (558, 1908), (574, 1950),

Gene: Phantasmagoria_7 Start: 4230, Stop: 5924, Start Num: 105
Candidate Starts for Phantasmagoria_7:
(Start: 101 @4224 has 6 MA's), (Start: 105 @4230 has 31 MA's), (195, 4410), (216, 4491), (224, 4542), (226, 4551), (233, 4572), (257, 4680), (260, 4692), (291, 4866), (296, 4902), (298, 4914), (299, 4923), (312, 5004), (343, 5121), (344, 5124), (365, 5199), (369, 5235), (391, 5292), (426, 5412), (438, 5442), (447, 5460), (455, 5481), (465, 5511), (467, 5517), (480, 5556), (489, 5592), (500, 5619), (522, 5661), (537, 5715), (541, 5733), (556, 5787), (585, 5859),

Gene: Phareon_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Phareon_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: PhatCats2014_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for PhatCats2014_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: PhatLouie_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for PhatLouie_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509),

(344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Phauci_2 Start: 534, Stop: 2189, Start Num: 134
Candidate Starts for Phauci_2:
(Start: 134 @534 has 8 MA's), (191, 657), (193, 663), (200, 687), (205, 708), (211, 732), (214, 741), (219, 759), (220, 762), (235, 831), (240, 855), (249, 900), (259, 939), (278, 999), (284, 1041), (285, 1047), (295, 1101), (296, 1113), (299, 1134), (304, 1170), (307, 1179), (321, 1251), (324, 1263), (332, 1284), (337, 1308), (361, 1446), (365, 1473), (425, 1692), (429, 1704), (442, 1731), (454, 1761), (462, 1788), (469, 1806), (503, 1887), (519, 1920), (521, 1923), (530, 1950), (561, 2064), (567, 2082), (572, 2094), (579, 2112), (596, 2163),

Gene: Phayeta_5 Start: 2562, Stop: 4322, Start Num: 70
Candidate Starts for Phayeta_5:
(4, 2088), (7, 2121), (11, 2187), (19, 2283), (Start: 64 @2544 has 4 MA's), (Start: 70 @2562 has 34 MA's), (Start: 82 @2580 has 9 MA's), (122, 2661), (211, 2874), (220, 2904), (221, 2910), (224, 2937), (236, 2973), (253, 3057), (278, 3183), (291, 3261), (299, 3318), (303, 3351), (332, 3465), (343, 3519), (371, 3639), (379, 3660), (412, 3756), (426, 3807), (438, 3837), (439, 3840), (467, 3912), (489, 3987), (500, 4014), (504, 4023), (528, 4074), (536, 4107), (539, 4122), (543, 4134), (559, 4194), (573, 4233), (574, 4236), (599, 4287),

Gene: PhedwardCullen_3 Start: 911, Stop: 2533, Start Num: 124
Candidate Starts for PhedwardCullen_3:
(48, 749), (55, 773), (107, 890), (Start: 124 @911 has 19 MA's), (Start: 134 @929 has 8 MA's), (135, 932), (Start: 180 @1007 has 1 MA's), (194, 1064), (221, 1175), (234, 1235), (249, 1307), (251, 1316), (256, 1337), (266, 1373), (286, 1457), (288, 1463), (289, 1472), (290, 1475), (395, 1904), (398, 1913), (444, 2063), (453, 2087), (462, 2114), (471, 2135), (476, 2150), (489, 2201), (495, 2219), (526, 2285), (539, 2324), (543, 2336), (544, 2345), (567, 2417), (576, 2435), (592, 2477), (594, 2489),

Gene: Phelemich_6 Start: 3862, Stop: 5625, Start Num: 83
Candidate Starts for Phelemich_6:
(Start: 83 @3862 has 309 MA's), (99, 3892), (141, 3982), (165, 4015), (213, 4159), (221, 4192), (226, 4228), (229, 4237), (253, 4339), (257, 4357), (264, 4384), (291, 4543), (292, 4546), (300, 4603), (309, 4669), (312, 4681), (326, 4732), (343, 4798), (349, 4819), (353, 4837), (371, 4939), (420, 5080), (438, 5137), (447, 5155), (455, 5176), (475, 5236), (478, 5248), (485, 5275), (489, 5287), (522, 5362), (531, 5392), (539, 5428), (541, 5434), (556, 5488), (574, 5542),

Gene: PhenghisKhan_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for PhenghisKhan_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Pherbot_2 Start: 608, Stop: 2026, Start Num: 160
Candidate Starts for Pherbot_2:
(Start: 160 @608 has 12 MA's), (168, 620), (Start: 173 @629 has 7 MA's), (181, 644), (193, 698), (209, 758), (218, 794), (232, 860), (238, 884), (265, 986), (282, 1046), (291, 1097), (302, 1169), (304, 1190), (312, 1235), (313, 1238), (345, 1334), (368, 1424), (378, 1466), (384, 1481), (397, 1508), (402, 1529), (424, 1610), (443, 1655), (447, 1664), (458, 1694), (463, 1712), (476, 1748), (495, 1817), (514, 1856), (520, 1865), (522, 1868), (532, 1901), (542, 1916), (556, 1964), (574, 2015),

Gene: Pherdinand_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Pherdinand_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Pherferi_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Pherferi_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (447, 1560), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Phergie_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Phergie_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Phiderman_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Phiderman_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Philly_5 Start: 2603, Stop: 4363, Start Num: 70
Candidate Starts for Philly_5:
(4, 2129), (7, 2162), (11, 2228), (19, 2324), (Start: 64 @2585 has 4 MA's), (Start: 70 @2603 has 34 MA's), (Start: 82 @2621 has 9 MA's), (122, 2702), (211, 2915), (220, 2945), (221, 2951), (224, 2978), (236, 3014), (253, 3098), (278, 3224), (291, 3302), (299, 3359), (303, 3392), (332, 3506), (343, 3560), (371, 3680), (379, 3701), (412, 3797), (426, 3848), (438, 3878), (439, 3881), (467, 3953), (485, 4016), (489, 4028), (500, 4055), (504, 4064), (528, 4115), (536, 4148), (539, 4163), (543, 4175), (559, 4235), (573, 4274), (574, 4277), (599, 4328),

Gene: PhillyPhantom_2 Start: 522, Stop: 1928, Start Num: 166
Candidate Starts for PhillyPhantom_2:
(Start: 166 @522 has 132 MA's), (195, 603), (209, 657), (218, 693), (239, 786), (246, 822), (252, 846), (282, 945), (291, 996), (302, 1068), (304, 1089), (312, 1134), (313, 1137), (333, 1197), (345, 1233), (362, 1278), (364, 1290), (398, 1413), (424, 1509), (427, 1521), (447, 1566), (458, 1596), (459, 1605), (463, 1614), (481, 1677), (522, 1770), (532, 1803), (542, 1818), (562, 1887), (574, 1917),

Gene: Phinally_2 Start: 534, Stop: 2189, Start Num: 134
Candidate Starts for Phinally_2:
(Start: 134 @534 has 8 MA's), (191, 657), (193, 663), (200, 687), (205, 708), (211, 732), (214, 741), (219, 759), (220, 762), (225, 798), (235, 831), (240, 855), (249, 900), (259, 939), (278, 999), (284, 1041), (285, 1047), (295, 1101), (296, 1113), (299, 1134), (304, 1170), (307, 1179), (321, 1251), (324, 1263), (332, 1284), (337, 1308), (361, 1446), (365, 1473), (425, 1692), (442, 1731), (454, 1761), (462, 1788), (467, 1800), (469, 1806), (503, 1887), (519, 1920), (521, 1923), (561, 2064), (567, 2082), (572,

2094), (579, 2112), (596, 2163),

Gene: Phipps_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Phipps_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Phireproof_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Phireproof_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Phleuron_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Phleuron_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Phlop_5 Start: 1770, Stop: 3377, Start Num: 123
Candidate Starts for Phlop_5:
(68, 1671), (Start: 123 @1770 has 31 MA's), (Start: 144 @1818 has 1 MA's), (219, 2016), (225, 2055), (235, 2088), (242, 2127), (243, 2133), (254, 2175), (278, 2256), (284, 2298), (287, 2310), (299, 2391), (304, 2427), (307, 2436), (332, 2541), (365, 2700), (394, 2799), (417, 2865), (426, 2907), (455, 2976), (462, 3000), (492, 3069), (503, 3078), (509, 3090), (539, 3180), (546, 3207), (561, 3255), (580, 3303),

Gene: Phorgeous_3 Start: 911, Stop: 2533, Start Num: 124
Candidate Starts for Phorgeous_3:
(34, 686), (48, 749), (55, 773), (107, 890), (Start: 124 @911 has 19 MA's), (Start: 134 @929 has 8 MA's), (135, 932), (Start: 180 @1007 has 1 MA's), (194, 1064), (221, 1175), (234, 1235), (249, 1307), (251, 1316), (256, 1337), (266, 1373), (286, 1457), (288, 1463), (289, 1472), (290, 1475), (395, 1904), (398, 1913), (444, 2063), (453, 2087), (462, 2114), (471, 2135), (476, 2150), (489, 2201), (495, 2219), (526, 2285), (539, 2324), (543, 2336), (544, 2345), (576, 2435), (592, 2477), (594, 2489),

Gene: Phrancesco_4 Start: 1129, Stop: 2751, Start Num: 125
Candidate Starts for Phrancesco_4:
(57, 1003), (58, 1006), (63, 1024), (85, 1072), (102, 1108), (Start: 125 @1129 has 21 MA's), (Start: 134 @1147 has 8 MA's), (135, 1150), (Start: 180 @1225 has 1 MA's), (194, 1282), (221, 1393), (234, 1453), (249, 1525), (251, 1534), (256, 1555), (266, 1591), (286, 1675), (288, 1681), (289, 1690), (290, 1693), (395, 2122), (398, 2131), (444, 2281), (453, 2305), (462, 2332), (471, 2353), (489, 2419), (495, 2437), (526, 2503), (539, 2542), (543, 2554), (544, 2563), (567, 2635), (594, 2707),

Gene: PhrankReynolds_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for PhrankReynolds_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509),

(344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: PhredFlintston_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for PhredFlintston_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (447, 1560), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Phriends_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Phriends_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (447, 1560), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: PhrodoBaggins_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for PhrodoBaggins_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Phunky_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Phunky_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: PierreOrion_3 Start: 911, Stop: 2533, Start Num: 124
Candidate Starts for PierreOrion_3:
(34, 686), (48, 749), (55, 773), (107, 890), (Start: 124 @911 has 19 MA's), (Start: 134 @929 has 8 MA's), (135, 932), (Start: 180 @1007 has 1 MA's), (194, 1064), (221, 1175), (234, 1235), (249, 1307), (251, 1316), (256, 1337), (266, 1373), (286, 1457), (288, 1463), (289, 1472), (290, 1475), (395, 1904), (398, 1913), (444, 2063), (453, 2087), (471, 2135), (489, 2201), (495, 2219), (526, 2285), (539, 2324), (543, 2336), (544, 2345), (576, 2435), (592, 2477), (594, 2489),

Gene: Piglet_002 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Piglet_002:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Pikmin_2 Start: 620, Stop: 2008, Start Num: 175
Candidate Starts for Pikmin_2:
(Start: 175 @620 has 21 MA's), (206, 728), (209, 740), (212, 755), (218, 776), (249, 917), (252, 929), (282, 1028), (291, 1079), (302, 1151), (312, 1217), (345, 1316), (368, 1406), (397, 1493), (424, 1592),

(427, 1604), (447, 1646), (458, 1676), (463, 1694), (485, 1769), (495, 1799), (529, 1871), (532, 1883), (542, 1898), (556, 1946), (574, 1997),

Gene: Pine5_01 Start: 15, Stop: 1676, Start Num: 95
Candidate Starts for Pine5_01:
(95, 15), (121, 75), (192, 222), (210, 282), (221, 327), (249, 459), (258, 495), (262, 513), (273, 564), (291, 678), (299, 735), (301, 741), (343, 933), (409, 1161), (419, 1194), (450, 1284), (479, 1353), (522, 1410), (537, 1464), (543, 1488), (545, 1500), (556, 1536), (597, 1647), (601, 1671),

Gene: PinheadLarry_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for PinheadLarry_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: PinkCoffee_5 Start: 1800, Stop: 3404, Start Num: 123
Candidate Starts for PinkCoffee_5:
(Start: 123 @1800 has 31 MA's), (Start: 144 @1848 has 1 MA's), (200, 1971), (219, 2043), (228, 2094), (235, 2115), (238, 2133), (254, 2202), (278, 2283), (281, 2298), (284, 2325), (290, 2352), (295, 2385), (299, 2418), (304, 2454), (307, 2463), (417, 2892), (426, 2934), (442, 2970), (455, 3003), (462, 3027), (492, 3096), (503, 3105), (509, 3117), (546, 3234), (557, 3270), (561, 3282), (580, 3330),

Gene: Pinkman_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Pinkman_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: PiperSansNom_4 Start: 1224, Stop: 2846, Start Num: 125
Candidate Starts for PiperSansNom_4:
(Start: 125 @1224 has 21 MA's), (Start: 134 @1242 has 8 MA's), (135, 1245), (Start: 180 @1320 has 1 MA's), (194, 1377), (221, 1488), (234, 1548), (249, 1620), (251, 1629), (256, 1650), (266, 1686), (286, 1770), (288, 1776), (289, 1785), (290, 1788), (395, 2217), (398, 2226), (444, 2376), (453, 2400), (462, 2427), (471, 2448), (489, 2514), (495, 2532), (526, 2598), (539, 2637), (543, 2649), (544, 2658), (576, 2748), (592, 2790), (594, 2802),

Gene: Piperis_3 Start: 911, Stop: 2533, Start Num: 124
Candidate Starts for Piperis_3:
(34, 686), (48, 749), (55, 773), (107, 890), (Start: 124 @911 has 19 MA's), (Start: 134 @929 has 8 MA's), (135, 932), (Start: 180 @1007 has 1 MA's), (194, 1064), (221, 1175), (234, 1235), (249, 1307), (251, 1316), (256, 1337), (266, 1373), (286, 1457), (288, 1463), (289, 1472), (290, 1475), (395, 1904), (398, 1913), (444, 2063), (453, 2087), (462, 2114), (471, 2135), (476, 2150), (489, 2201), (495, 2219), (526, 2285), (539, 2324), (543, 2336), (544, 2345), (576, 2435), (592, 2477), (594, 2489),

Gene: Pipsqueak_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Pipsqueak_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509),

(344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Placalicious_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Placalicious_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Plata_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Plata_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Plmatters_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Plmatters_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Pocket_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Pocket_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (239, 780), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (447, 1560), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Podrick_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Podrick_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Pops_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Pops_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: PorkBelly_1 Start: 1, Stop: 1509, Start Num: 156
Candidate Starts for PorkBelly_1:

(Start: 156 @1 has 9 MA's), (161, 7), (188, 64), (191, 85), (209, 148), (221, 193), (225, 223), (230, 241), (239, 277), (243, 301), (272, 403), (278, 424), (282, 451), (285, 472), (296, 538), (304, 595), (305, 598), (308, 619), (338, 721), (343, 754), (365, 832), (396, 937), (400, 952), (405, 973), (408, 979), (419, 1024), (420, 1027), (434, 1078), (448, 1108), (457, 1129), (467, 1162), (488, 1231), (505, 1282), (512, 1297), (513, 1300), (524, 1330), (532, 1354), (542, 1396),

Gene: Portcullis_5 Start: 1815, Stop: 3422, Start Num: 123
Candidate Starts for Portcullis_5:
(1, 1137), (6, 1260), (12, 1365), (13, 1368), (19, 1437), (Start: 119 @1809 has 1 MA's), (Start: 123 @1815 has 31 MA's), (Start: 144 @1863 has 1 MA's), (219, 2061), (225, 2100), (235, 2133), (242, 2172), (243, 2178), (254, 2220), (278, 2301), (284, 2343), (287, 2355), (299, 2436), (307, 2481), (332, 2586), (365, 2745), (394, 2844), (417, 2910), (426, 2952), (454, 3018), (455, 3021), (462, 3045), (492, 3114), (503, 3123), (509, 3135), (539, 3225), (546, 3252), (557, 3288), (561, 3300), (572, 3330), (580, 3348),

Gene: Poster_4 Start: 2364, Stop: 4109, Start Num: 69
Candidate Starts for Poster_4:
(Start: 69 @2364 has 4 MA's), (113, 2424), (165, 2514), (Start: 186 @2553 has 1 MA's), (191, 2583), (196, 2595), (205, 2631), (211, 2655), (220, 2688), (221, 2694), (226, 2730), (245, 2811), (264, 2886), (275, 2946), (283, 3003), (291, 3045), (292, 3048), (299, 3102), (309, 3171), (312, 3183), (316, 3201), (343, 3300), (344, 3303), (362, 3360), (380, 3450), (391, 3474), (394, 3483), (412, 3543), (425, 3597), (438, 3630), (450, 3660), (455, 3669), (465, 3699), (467, 3705), (468, 3708), (489, 3780), (522, 3855), (537, 3909), (541, 3927), (549, 3957), (566, 4014), (568, 4020), (574, 4035), (599, 4086),

Gene: Potter_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Potter_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Prickles_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Prickles_2:
(32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (465, 1914), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Prince_5 Start: 3458, Stop: 5206, Start Num: 80
Candidate Starts for Prince_5:
(Start: 80 @3458 has 25 MA's), (113, 3518), (165, 3608), (Start: 186 @3647 has 1 MA's), (191, 3677), (196, 3689), (205, 3725), (211, 3749), (220, 3782), (221, 3788), (230, 3836), (245, 3905), (264, 3980), (275, 4040), (283, 4097), (291, 4139), (292, 4142), (299, 4196), (309, 4265), (343, 4394), (362, 4454), (380, 4544), (391, 4568), (394, 4577), (412, 4637), (419, 4664), (425, 4691), (438, 4724), (450, 4754), (455, 4763), (465, 4793), (467, 4799), (468, 4802), (480, 4838), (489, 4874), (522, 4949), (537, 5003), (541, 5021), (549, 5051), (556, 5075), (566, 5108), (568, 5114), (574, 5129), (599, 5180),

Gene: PrinceCharming_7 Start: 4347, Stop: 6041, Start Num: 105
Candidate Starts for PrinceCharming_7:
(Start: 101 @4341 has 6 MA's), (Start: 105 @4347 has 31 MA's), (195, 4527), (216, 4608), (224, 4659), (226, 4668), (233, 4689), (257, 4797), (260, 4809), (291, 4983), (296, 5019), (298, 5031), (299, 5040),

(312, 5121), (343, 5238), (344, 5241), (365, 5316), (369, 5352), (391, 5409), (426, 5529), (438, 5559), (447, 5577), (455, 5598), (465, 5628), (467, 5634), (480, 5673), (489, 5709), (500, 5736), (522, 5778), (537, 5832), (541, 5850), (556, 5904), (585, 5976),

Gene: PrincePhergus_2 Start: 608, Stop: 2026, Start Num: 160
Candidate Starts for PrincePhergus_2:
(Start: 160 @608 has 12 MA's), (168, 620), (Start: 173 @629 has 7 MA's), (181, 644), (183, 650), (193, 698), (209, 758), (218, 794), (232, 860), (238, 884), (265, 986), (282, 1046), (291, 1097), (297, 1136), (299, 1154), (300, 1157), (302, 1169), (312, 1235), (313, 1238), (345, 1334), (368, 1424), (378, 1466), (384, 1481), (397, 1508), (402, 1529), (424, 1610), (443, 1655), (447, 1664), (458, 1694), (463, 1712), (476, 1748), (495, 1817), (514, 1856), (522, 1868), (532, 1901), (542, 1916), (556, 1964), (574, 2015),

Gene: ProfessorX_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for ProfessorX_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Puhltonio_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Puhltonio_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Pulchra_4 Start: 1141, Stop: 2763, Start Num: 125
Candidate Starts for Pulchra_4:
(57, 1003), (58, 1006), (85, 1072), (102, 1108), (Start: 125 @1141 has 21 MA's), (Start: 134 @1159 has 8 MA's), (135, 1162), (Start: 180 @1237 has 1 MA's), (194, 1294), (221, 1405), (234, 1465), (249, 1537), (251, 1546), (256, 1567), (266, 1603), (286, 1687), (288, 1693), (289, 1702), (290, 1705), (395, 2134), (398, 2143), (444, 2293), (453, 2317), (462, 2344), (471, 2365), (489, 2431), (495, 2449), (526, 2515), (539, 2554), (543, 2566), (544, 2575), (567, 2647), (576, 2665), (592, 2707), (594, 2719),

Gene: PullumCavea_5 Start: 1770, Stop: 3377, Start Num: 123
Candidate Starts for PullumCavea_5:
(68, 1671), (Start: 123 @1770 has 31 MA's), (Start: 144 @1818 has 1 MA's), (219, 2016), (225, 2055), (235, 2088), (242, 2127), (243, 2133), (254, 2175), (278, 2256), (284, 2298), (287, 2310), (299, 2391), (304, 2427), (307, 2436), (332, 2541), (365, 2700), (394, 2799), (417, 2865), (426, 2907), (455, 2976), (462, 3000), (492, 3069), (503, 3078), (509, 3090), (539, 3180), (546, 3207), (561, 3255), (580, 3303),

Gene: Pumpkiney_2 Start: 491, Stop: 2155, Start Num: 129
Candidate Starts for Pumpkiney_2:
(Start: 129 @491 has 4 MA's), (Start: 144 @530 has 1 MA's), (Start: 180 @581 has 1 MA's), (205, 677), (211, 701), (219, 728), (225, 767), (240, 824), (259, 908), (278, 968), (284, 1010), (295, 1070), (296, 1082), (299, 1103), (304, 1139), (305, 1142), (307, 1148), (321, 1220), (324, 1232), (332, 1253), (348, 1334), (361, 1415), (365, 1442), (425, 1655), (450, 1718), (454, 1724), (462, 1751), (475, 1787), (487, 1826), (504, 1856), (509, 1865), (519, 1886), (546, 1982), (561, 2030), (567, 2048),

Gene: PuppyEggo_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for PuppyEggo_2:

(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Purplicious_2 Start: 1096, Stop: 2841, Start Num: 120
Candidate Starts for Purplicious_2:
(Start: 120 @1096 has 7 MA's), (Start: 129 @1105 has 4 MA's), (131, 1108), (142, 1135), (165, 1168), (218, 1333), (219, 1336), (221, 1345), (225, 1375), (258, 1513), (262, 1531), (288, 1675), (291, 1696), (296, 1732), (303, 1786), (326, 1891), (343, 1957), (344, 1960), (364, 2023), (367, 2047), (395, 2137), (419, 2215), (420, 2218), (426, 2245), (438, 2275), (447, 2293), (467, 2350), (486, 2416), (540, 2563), (577, 2686), (583, 2698), (592, 2719), (595, 2743), (601, 2770), (605, 2806), (607, 2818),

Gene: QuadZero_2 Start: 512, Stop: 1960, Start Num: 147
Candidate Starts for QuadZero_2:
(30, 167), (35, 188), (43, 233), (44, 236), (78, 350), (122, 455), (126, 461), (Start: 147 @512 has 12 MA's), (155, 521), (193, 617), (209, 677), (215, 704), (218, 713), (220, 719), (228, 767), (237, 797), (246, 842), (265, 905), (279, 941), (282, 965), (291, 1016), (302, 1088), (319, 1187), (345, 1265), (377, 1394), (378, 1397), (384, 1412), (397, 1442), (424, 1544), (474, 1676), (481, 1709), (507, 1775), (522, 1802), (532, 1835), (542, 1850), (556, 1898), (574, 1949),

Gene: Quartz_2 Start: 624, Stop: 2069, Start Num: 173
Candidate Starts for Quartz_2:
(Start: 173 @624 has 7 MA's), (209, 747), (218, 783), (232, 849), (238, 873), (239, 876), (246, 912), (252, 936), (267, 981), (282, 1035), (285, 1056), (291, 1086), (297, 1125), (300, 1146), (302, 1158), (319, 1251), (340, 1317), (345, 1350), (368, 1440), (397, 1527), (402, 1548), (424, 1623), (427, 1635), (447, 1680), (458, 1710), (463, 1728), (476, 1764), (522, 1884), (532, 1917), (542, 1959), (544, 1971), (558, 2016), (574, 2058),

Gene: QueenBeane_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for QueenBeane_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Quesadilla_8 Start: 4606, Stop: 6360, Start Num: 82
Candidate Starts for Quesadilla_8:
(Start: 82 @4606 has 9 MA's), (99, 4642), (113, 4672), (122, 4690), (165, 4762), (182, 4789), (211, 4903), (219, 4933), (221, 4942), (249, 5074), (263, 5131), (275, 5194), (291, 5293), (292, 5296), (303, 5383), (312, 5431), (343, 5548), (391, 5722), (412, 5791), (467, 5956), (480, 5995), (522, 6106), (531, 6136), (537, 6160), (539, 6172), (541, 6178), (556, 6232), (566, 6265), (599, 6340),

Gene: Quhwah_4 Start: 1123, Stop: 2745, Start Num: 125
Candidate Starts for Quhwah_4:
(34, 871), (Start: 125 @1123 has 21 MA's), (Start: 134 @1141 has 8 MA's), (135, 1144), (Start: 180 @1219 has 1 MA's), (194, 1276), (221, 1387), (234, 1447), (249, 1519), (251, 1528), (256, 1549), (266, 1585), (286, 1669), (288, 1675), (289, 1684), (290, 1687), (395, 2116), (398, 2125), (444, 2275), (453, 2299), (462, 2326), (471, 2347), (476, 2362), (489, 2413), (495, 2431), (526, 2497), (539, 2536), (543, 2548), (544, 2557), (567, 2629), (594, 2701),

Gene: Quisquiliae_2 Start: 564, Stop: 2351, Start Num: 83

Candidate Starts for Quisquiliae_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Qyrzula_7 Start: 4314, Stop: 6014, Start Num: 101
Candidate Starts for Qyrzula_7:
(Start: 101 @4314 has 6 MA's), (Start: 105 @4320 has 31 MA's), (195, 4500), (216, 4581), (224, 4632), (226, 4641), (233, 4662), (257, 4770), (260, 4782), (291, 4956), (296, 4992), (298, 5004), (299, 5013), (312, 5094), (343, 5211), (344, 5214), (365, 5289), (369, 5325), (391, 5382), (426, 5502), (438, 5532), (447, 5550), (455, 5571), (465, 5601), (467, 5607), (480, 5646), (489, 5682), (500, 5709), (522, 5751), (537, 5805), (541, 5823), (556, 5877), (585, 5949),

Gene: Raccoon_2 Start: 522, Stop: 1928, Start Num: 166
Candidate Starts for Raccoon_2:
(Start: 166 @522 has 132 MA's), (195, 603), (209, 657), (218, 693), (239, 786), (252, 846), (282, 945), (291, 996), (302, 1068), (304, 1089), (312, 1134), (313, 1137), (333, 1197), (345, 1233), (362, 1278), (364, 1290), (398, 1413), (424, 1509), (427, 1521), (447, 1566), (458, 1596), (459, 1605), (463, 1614), (481, 1677), (482, 1680), (522, 1770), (532, 1803), (542, 1818), (562, 1887), (574, 1917),

Gene: RagingRooster_6 Start: 2714, Stop: 4474, Start Num: 70
Candidate Starts for RagingRooster_6:
(4, 2240), (7, 2273), (11, 2339), (19, 2435), (Start: 64 @2696 has 4 MA's), (Start: 70 @2714 has 34 MA's), (Start: 82 @2732 has 9 MA's), (122, 2813), (211, 3026), (220, 3056), (221, 3062), (224, 3089), (236, 3125), (253, 3209), (278, 3335), (291, 3413), (299, 3470), (303, 3503), (332, 3617), (343, 3671), (371, 3791), (379, 3812), (412, 3908), (426, 3959), (438, 3989), (439, 3992), (455, 4028), (467, 4064), (489, 4139), (500, 4166), (504, 4175), (528, 4226), (536, 4259), (539, 4274), (543, 4286), (559, 4346), (573, 4385), (574, 4388), (599, 4439),

Gene: Ramiel05_3 Start: 911, Stop: 2533, Start Num: 124
Candidate Starts for Ramiel05_3:
(34, 686), (48, 749), (55, 773), (107, 890), (Start: 124 @911 has 19 MA's), (Start: 134 @929 has 8 MA's), (135, 932), (Start: 180 @1007 has 1 MA's), (194, 1064), (221, 1175), (234, 1235), (249, 1307), (251, 1316), (256, 1337), (266, 1373), (286, 1457), (288, 1463), (289, 1472), (290, 1475), (395, 1904), (398, 1913), (444, 2063), (453, 2087), (462, 2114), (471, 2135), (476, 2150), (489, 2201), (495, 2219), (526, 2285), (539, 2324), (543, 2336), (544, 2345), (567, 2417), (576, 2435), (592, 2477), (594, 2489),

Gene: Rapheph_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Rapheph_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Raptor_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Raptor_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (246, 816), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Rasputia_5 Start: 2412, Stop: 4166, Start Num: 90
Candidate Starts for Rasputia_5:
(Start: 90 @2412 has 1 MA's), (93, 2418), (97, 2427), (108, 2448), (117, 2472), (183, 2589), (187, 2607), (211, 2703), (214, 2712), (239, 2832), (240, 2835), (277, 2976), (282, 3003), (286, 3027), (292, 3057), (307, 3156), (328, 3240), (359, 3384), (362, 3396), (365, 3420), (419, 3612), (453, 3705), (470, 3756), (471, 3759), (520, 3894), (539, 3948), (556, 4005), (600, 4140),

Gene: RawrgerThat_5 Start: 3455, Stop: 5203, Start Num: 80
Candidate Starts for RawrgerThat_5:
(Start: 80 @3455 has 25 MA's), (165, 3605), (Start: 186 @3644 has 1 MA's), (191, 3674), (196, 3686), (205, 3722), (220, 3779), (221, 3785), (230, 3833), (245, 3902), (264, 3977), (275, 4037), (283, 4094), (291, 4136), (292, 4139), (299, 4193), (312, 4274), (317, 4295), (343, 4391), (362, 4451), (391, 4565), (394, 4574), (412, 4634), (419, 4661), (425, 4688), (438, 4721), (450, 4751), (455, 4760), (465, 4790), (467, 4796), (468, 4799), (480, 4835), (489, 4871), (522, 4946), (537, 5000), (541, 5018), (549, 5048), (556, 5072), (566, 5105), (568, 5111), (574, 5126), (599, 5177),

Gene: Reccee_7 Start: 3581, Stop: 5347, Start Num: 83
Candidate Starts for Reccee_7:
(23, 3347), (24, 3356), (25, 3368), (39, 3440), (65, 3545), (Start: 83 @3581 has 309 MA's), (95, 3602), (99, 3608), (Start: 160 @3722 has 12 MA's), (165, 3731), (221, 3908), (251, 4049), (257, 4073), (260, 4085), (264, 4100), (291, 4259), (292, 4262), (300, 4319), (301, 4322), (302, 4331), (309, 4385), (312, 4397), (343, 4514), (349, 4535), (380, 4679), (447, 4871), (455, 4892), (475, 4952), (478, 4964), (485, 4991), (494, 5018), (531, 5108), (536, 5129), (539, 5144), (541, 5150), (556, 5204), (574, 5258),

Gene: RedMaple_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for RedMaple_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: RedRaider89_3 Start: 797, Stop: 2584, Start Num: 83
Candidate Starts for RedRaider89_3:
(Start: 83 @797 has 309 MA's), (165, 956), (Start: 186 @995 has 1 MA's), (211, 1097), (221, 1136), (226, 1172), (249, 1268), (257, 1301), (275, 1388), (279, 1412), (283, 1445), (286, 1460), (291, 1487), (292, 1490), (299, 1544), (305, 1583), (312, 1625), (343, 1742), (344, 1745), (394, 1928), (412, 1988), (420, 2021), (450, 2108), (468, 2156), (522, 2303), (528, 2321), (556, 2429), (561, 2447), (569, 2471), (574, 2483), (599, 2561),

Gene: Redfield_2 Start: 522, Stop: 1934, Start Num: 166
Candidate Starts for Redfield_2:
(Start: 166 @522 has 132 MA's), (195, 603), (209, 657), (218, 693), (239, 786), (252, 846), (282, 945), (291, 996), (302, 1068), (304, 1089), (312, 1134), (313, 1137), (333, 1197), (345, 1233), (362, 1278), (364, 1290), (398, 1422), (424, 1518), (427, 1530), (447, 1575), (458, 1605), (459, 1614), (463, 1623), (481, 1686), (522, 1779), (532, 1812), (542, 1827), (562, 1896),

Gene: RenegadeRaider_2 Start: 608, Stop: 2026, Start Num: 160
Candidate Starts for RenegadeRaider_2:
(Start: 160 @608 has 12 MA's), (168, 620), (Start: 173 @629 has 7 MA's), (181, 644), (205, 743), (209, 758), (218, 794), (232, 860), (238, 884), (265, 986), (282, 1046), (291, 1097), (297, 1136), (299, 1154), (300, 1157), (302, 1169), (304, 1190), (312, 1235), (345, 1334), (368, 1424), (378, 1466), (384, 1481), (397, 1508), (402, 1529), (424, 1610), (443, 1655), (447, 1664), (458, 1694), (463, 1712), (476, 1748),

(495, 1817), (514, 1856), (522, 1868), (532, 1901), (542, 1916), (556, 1964), (574, 2015),

Gene: Renkei_5 Start: 2364, Stop: 4109, Start Num: 69
Candidate Starts for Renkei_5:
(Start: 69 @2364 has 4 MA's), (113, 2424), (165, 2514), (Start: 186 @2553 has 1 MA's), (191, 2583), (196, 2595), (205, 2631), (211, 2655), (220, 2688), (221, 2694), (226, 2730), (230, 2742), (245, 2811), (264, 2886), (275, 2946), (283, 3003), (291, 3045), (292, 3048), (299, 3102), (309, 3171), (312, 3183), (343, 3300), (344, 3303), (362, 3360), (391, 3474), (394, 3483), (412, 3543), (425, 3597), (438, 3630), (450, 3660), (455, 3669), (465, 3699), (467, 3705), (468, 3708), (489, 3780), (522, 3855), (537, 3909), (541, 3927), (549, 3957), (556, 3981), (566, 4014), (568, 4020), (574, 4035), (599, 4086),

Gene: Renzie_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Renzie_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Reprobate_6 Start: 3859, Stop: 5622, Start Num: 83
Candidate Starts for Reprobate_6:
(Start: 83 @3859 has 309 MA's), (99, 3889), (141, 3979), (165, 4012), (213, 4156), (221, 4189), (226, 4225), (229, 4234), (253, 4336), (257, 4354), (264, 4381), (291, 4540), (292, 4543), (300, 4600), (309, 4666), (312, 4678), (326, 4729), (343, 4795), (349, 4816), (353, 4834), (371, 4936), (420, 5077), (438, 5134), (447, 5152), (455, 5173), (475, 5233), (478, 5245), (485, 5272), (489, 5284), (522, 5359), (531, 5389), (539, 5425), (541, 5431), (556, 5485), (574, 5539),

Gene: Rhinoforte_7 Start: 4347, Stop: 6041, Start Num: 105
Candidate Starts for Rhinoforte_7:
(Start: 101 @4341 has 6 MA's), (Start: 105 @4347 has 31 MA's), (Start: 186 @4485 has 1 MA's), (195, 4527), (216, 4608), (224, 4659), (226, 4668), (233, 4689), (257, 4797), (260, 4809), (291, 4983), (296, 5019), (298, 5031), (299, 5040), (312, 5121), (343, 5238), (344, 5241), (365, 5316), (369, 5352), (391, 5409), (426, 5529), (438, 5559), (447, 5577), (455, 5598), (465, 5628), (467, 5634), (480, 5673), (489, 5709), (500, 5736), (522, 5778), (537, 5832), (541, 5850), (556, 5904), (585, 5976),

Gene: Ribeye_2 Start: 512, Stop: 2104, Start Num: 139
Candidate Starts for Ribeye_2:
(Start: 139 @512 has 42 MA's), (143, 518), (Start: 160 @545 has 12 MA's), (191, 620), (200, 650), (205, 671), (211, 695), (219, 722), (226, 767), (233, 788), (243, 839), (249, 863), (252, 875), (284, 1004), (296, 1076), (299, 1097), (304, 1133), (306, 1139), (307, 1142), (324, 1226), (332, 1247), (361, 1379), (365, 1406), (367, 1418), (394, 1511), (421, 1604), (437, 1655), (454, 1694), (462, 1721), (466, 1730), (504, 1802), (509, 1811), (514, 1823), (519, 1832), (530, 1862), (534, 1877), (561, 1976), (599, 2084),

Gene: Rich_6 Start: 3584, Stop: 5350, Start Num: 83
Candidate Starts for Rich_6:
(23, 3350), (24, 3359), (25, 3371), (39, 3443), (65, 3548), (Start: 83 @3584 has 309 MA's), (99, 3611), (Start: 160 @3725 has 12 MA's), (165, 3734), (221, 3911), (251, 4052), (260, 4088), (262, 4097), (291, 4262), (292, 4265), (300, 4322), (301, 4325), (302, 4334), (309, 4388), (312, 4400), (343, 4517), (349, 4538), (380, 4682), (447, 4874), (455, 4895), (475, 4955), (478, 4967), (485, 4994), (494, 5021), (522, 5081), (531, 5111), (536, 5132), (539, 5147), (541, 5153), (556, 5207), (574, 5261),

Gene: Ricotta_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Ricotta_2:

(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Riggan_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Riggan_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Rimu_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Rimu_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Rinkes_9 Start: 5506, Stop: 7278, Start Num: 71
Candidate Starts for Rinkes_9:
(37, 5377), (Start: 71 @5506 has 2 MA's), (113, 5593), (122, 5611), (165, 5683), (172, 5695), (194, 5761), (211, 5824), (221, 5863), (226, 5899), (240, 5950), (245, 5980), (251, 6004), (257, 6028), (273, 6100), (275, 6115), (283, 6172), (286, 6187), (291, 6214), (296, 6250), (343, 6469), (344, 6472), (358, 6514), (362, 6529), (394, 6652), (397, 6661), (419, 6742), (455, 6841), (467, 6877), (468, 6880), (480, 6916), (487, 6943), (490, 6958), (522, 7027), (531, 7057), (539, 7093), (541, 7099), (545, 7117), (556, 7153), (565, 7183), (566, 7186), (574, 7207), (576, 7213), (599, 7258),

Gene: Rita130_6 Start: 3581, Stop: 5347, Start Num: 83
Candidate Starts for Rita130_6:
(23, 3347), (24, 3356), (25, 3368), (39, 3440), (65, 3545), (Start: 83 @3581 has 309 MA's), (95, 3602), (99, 3608), (Start: 160 @3722 has 12 MA's), (165, 3731), (221, 3908), (250, 4046), (251, 4049), (257, 4073), (260, 4085), (264, 4100), (291, 4259), (292, 4262), (300, 4319), (301, 4322), (302, 4331), (309, 4385), (312, 4397), (343, 4514), (349, 4535), (380, 4679), (447, 4871), (455, 4892), (475, 4952), (478, 4964), (485, 4991), (494, 5018), (522, 5078), (531, 5108), (536, 5129), (539, 5144), (541, 5150), (556, 5204), (574, 5258),

Gene: Rita1961_6 Start: 2714, Stop: 4474, Start Num: 70
Candidate Starts for Rita1961_6:
(4, 2240), (7, 2273), (11, 2339), (19, 2435), (Start: 64 @2696 has 4 MA's), (Start: 70 @2714 has 34 MA's), (Start: 82 @2732 has 9 MA's), (122, 2813), (211, 3026), (220, 3056), (221, 3062), (224, 3089), (236, 3125), (253, 3209), (278, 3335), (291, 3413), (299, 3470), (303, 3503), (332, 3617), (343, 3671), (371, 3791), (379, 3812), (412, 3908), (426, 3959), (438, 3989), (439, 3992), (467, 4064), (489, 4139), (500, 4166), (504, 4175), (528, 4226), (536, 4259), (539, 4274), (543, 4286), (559, 4346), (573, 4385), (574, 4388), (599, 4439),

Gene: RiverRaider_2 Start: 511, Stop: 2103, Start Num: 139
Candidate Starts for RiverRaider_2:
(Start: 139 @511 has 42 MA's), (143, 517), (200, 649), (205, 670), (218, 718), (219, 721), (222, 742), (225, 760), (226, 766), (249, 862), (259, 901), (284, 1003), (293, 1057), (299, 1096), (304, 1132), (306,

1138), (307, 1141), (332, 1246), (361, 1378), (365, 1405), (367, 1417), (369, 1441), (392, 1507), (421, 1603), (425, 1624), (437, 1654), (442, 1663), (454, 1693), (462, 1720), (464, 1723), (466, 1729), (509, 1810), (514, 1822), (519, 1831), (530, 1861), (534, 1876), (561, 1975), (567, 1993),

Gene: Riverton_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Riverton_2:
(32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Riyhil_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Riyhil_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: RoadKill_2 Start: 558, Stop: 2156, Start Num: 128
Candidate Starts for RoadKill_2:
(Start: 128 @558 has 7 MA's), (181, 642), (193, 690), (200, 714), (205, 735), (211, 759), (219, 786), (225, 825), (235, 858), (238, 876), (240, 882), (251, 936), (252, 939), (278, 1026), (284, 1068), (293, 1122), (296, 1140), (299, 1161), (307, 1206), (321, 1278), (324, 1290), (332, 1311), (346, 1386), (361, 1443), (363, 1452), (365, 1470), (367, 1482), (394, 1569), (425, 1683), (442, 1722), (462, 1779), (503, 1857), (561, 2034), (567, 2052), (581, 2085),

Gene: Robinson_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Robinson_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: RobsFeet_4 Start: 1051, Stop: 2664, Start Num: 132
Candidate Starts for RobsFeet_4:
(Start: 127 @1042 has 5 MA's), (Start: 132 @1051 has 1 MA's), (Start: 134 @1057 has 8 MA's), (Start: 144 @1084 has 1 MA's), (164, 1114), (Start: 180 @1135 has 1 MA's), (194, 1192), (214, 1267), (221, 1303), (249, 1435), (251, 1444), (256, 1465), (266, 1501), (286, 1585), (288, 1591), (289, 1600), (290, 1603), (369, 1969), (388, 2017), (398, 2041), (411, 2086), (428, 2158), (436, 2176), (471, 2263), (476, 2278), (481, 2305), (524, 2410), (526, 2413), (539, 2452), (544, 2473), (556, 2509), (567, 2545), (599, 2641),

Gene: Robyn_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Robyn_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Rockwell_3 Start: 911, Stop: 2533, Start Num: 124
Candidate Starts for Rockwell_3:

(34, 686), (48, 749), (55, 773), (107, 890), (Start: 124 @911 has 19 MA's), (Start: 134 @929 has 8 MA's), (135, 932), (Start: 180 @1007 has 1 MA's), (194, 1064), (221, 1175), (234, 1235), (249, 1307), (251, 1316), (256, 1337), (266, 1373), (286, 1457), (288, 1463), (289, 1472), (290, 1475), (395, 1904), (398, 1913), (444, 2063), (453, 2087), (462, 2114), (471, 2135), (476, 2150), (489, 2201), (495, 2219), (526, 2285), (539, 2324), (543, 2336), (544, 2345), (567, 2417), (594, 2489),

Gene: Rog141_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Rog141_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: RogerDodger_5 Start: 1815, Stop: 3422, Start Num: 123
Candidate Starts for RogerDodger_5:
(1, 1137), (6, 1260), (12, 1365), (13, 1368), (19, 1437), (Start: 119 @1809 has 1 MA's), (Start: 123 @1815 has 31 MA's), (Start: 144 @1863 has 1 MA's), (219, 2061), (225, 2100), (235, 2133), (242, 2172), (243, 2178), (254, 2220), (278, 2301), (284, 2343), (287, 2355), (299, 2436), (307, 2481), (332, 2586), (365, 2745), (367, 2757), (394, 2844), (417, 2910), (426, 2952), (455, 3021), (462, 3045), (492, 3114), (503, 3123), (509, 3135), (539, 3225), (546, 3252), (557, 3288), (561, 3300), (572, 3330), (580, 3348),

Gene: Roliet_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Roliet_2:
(32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (465, 1914), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Roscoe_3 Start: 797, Stop: 2584, Start Num: 83
Candidate Starts for Roscoe_3:
(Start: 83 @797 has 309 MA's), (165, 956), (Start: 186 @995 has 1 MA's), (211, 1097), (221, 1136), (226, 1172), (249, 1268), (257, 1301), (275, 1388), (279, 1412), (283, 1445), (286, 1460), (291, 1487), (292, 1490), (299, 1544), (305, 1583), (312, 1625), (343, 1742), (344, 1745), (394, 1928), (412, 1988), (420, 2021), (450, 2108), (468, 2156), (522, 2303), (528, 2321), (556, 2429), (561, 2447), (569, 2471), (574, 2483), (599, 2561),

Gene: Rosebush_7 Start: 4347, Stop: 6041, Start Num: 105
Candidate Starts for Rosebush_7:
(Start: 101 @4341 has 6 MA's), (Start: 105 @4347 has 31 MA's), (195, 4527), (216, 4608), (224, 4659), (226, 4668), (233, 4689), (257, 4797), (260, 4809), (291, 4983), (296, 5019), (298, 5031), (299, 5040), (312, 5121), (343, 5238), (344, 5241), (365, 5316), (369, 5352), (391, 5409), (426, 5529), (438, 5559), (447, 5577), (455, 5598), (465, 5628), (467, 5634), (480, 5673), (489, 5709), (500, 5736), (522, 5778), (537, 5832), (541, 5850), (556, 5904), (585, 5976),

Gene: RosieMae_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for RosieMae_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Roy17_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Roy17_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: SDcharge11_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for SDcharge11_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: SJay_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for SJay_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Sabella_7 Start: 4230, Stop: 5924, Start Num: 105
Candidate Starts for Sabella_7:
(Start: 101 @4224 has 6 MA's), (Start: 105 @4230 has 31 MA's), (195, 4410), (216, 4491), (224, 4542), (226, 4551), (233, 4572), (257, 4680), (260, 4692), (291, 4866), (296, 4902), (298, 4914), (299, 4923), (312, 5004), (343, 5121), (344, 5124), (365, 5199), (369, 5235), (391, 5292), (426, 5412), (438, 5442), (447, 5460), (455, 5481), (465, 5511), (467, 5517), (480, 5556), (489, 5592), (500, 5619), (522, 5661), (537, 5715), (541, 5733), (556, 5787), (585, 5859),

Gene: Saguaro_8 Start: 4765, Stop: 6495, Start Num: 92
Candidate Starts for Saguaro_8:
(Start: 92 @4765 has 2 MA's), (96, 4774), (99, 4780), (111, 4801), (113, 4810), (165, 4900), (182, 4927), (200, 4996), (211, 5041), (221, 5080), (226, 5116), (249, 5212), (257, 5245), (275, 5332), (291, 5431), (292, 5434), (299, 5488), (309, 5557), (312, 5569), (343, 5686), (357, 5728), (384, 5842), (391, 5860), (397, 5878), (412, 5929), (421, 5965), (438, 6019), (455, 6058), (468, 6097), (494, 6184), (522, 6244), (537, 6298), (541, 6316), (556, 6370), (566, 6403), (599, 6475),

Gene: Salazzle_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Salazzle_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: SallyH_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for SallyH_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556,

2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Salvador_5 Start: 1653, Stop: 3257, Start Num: 123
Candidate Starts for Salvador_5:
(5, 1077), (18, 1248), (26, 1350), (29, 1365), (36, 1392), (115, 1635), (Start: 123 @1653 has 31 MA's), (Start: 144 @1701 has 1 MA's), (200, 1824), (219, 1896), (228, 1947), (235, 1968), (238, 1986), (254, 2055), (278, 2136), (281, 2151), (284, 2178), (290, 2205), (295, 2238), (299, 2271), (304, 2307), (307, 2316), (369, 2616), (416, 2739), (417, 2745), (426, 2787), (442, 2823), (455, 2856), (462, 2880), (492, 2949), (503, 2958), (509, 2970), (546, 3087), (561, 3135), (580, 3183),

Gene: Samaymay_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Samaymay_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Sanjuju_2 Start: 514, Stop: 2106, Start Num: 139
Candidate Starts for Sanjuju_2:
(Start: 139 @514 has 42 MA's), (143, 520), (200, 652), (205, 673), (219, 724), (225, 763), (226, 769), (233, 790), (249, 865), (252, 877), (284, 1006), (293, 1060), (296, 1078), (299, 1099), (304, 1135), (307, 1144), (324, 1228), (332, 1249), (361, 1381), (365, 1408), (367, 1420), (429, 1639), (437, 1657), (462, 1723), (504, 1804), (514, 1825), (519, 1834), (530, 1864), (534, 1879), (561, 1978), (567, 1996), (579, 2026), (599, 2086),

Gene: Sansa_1 Start: 512, Stop: 1960, Start Num: 175
Candidate Starts for Sansa_1:
(Start: 145 @470 has 3 MA's), (148, 473), (Start: 175 @512 has 21 MA's), (Start: 180 @518 has 1 MA's), (195, 584), (205, 623), (218, 674), (252, 827), (282, 926), (285, 947), (291, 977), (292, 980), (299, 1034), (300, 1037), (302, 1049), (319, 1142), (362, 1286), (368, 1331), (377, 1370), (397, 1418), (404, 1445), (424, 1514), (427, 1526), (431, 1535), (442, 1559), (447, 1571), (458, 1601), (459, 1610), (463, 1619), (495, 1724), (520, 1772), (522, 1775), (532, 1808), (542, 1850), (558, 1907), (574, 1949),

Gene: Saratos_2 Start: 513, Stop: 1961, Start Num: 175
Candidate Starts for Saratos_2:
(Start: 175 @513 has 21 MA's), (195, 585), (205, 624), (218, 675), (252, 828), (282, 927), (285, 948), (291, 978), (292, 981), (299, 1035), (300, 1038), (302, 1050), (319, 1143), (345, 1242), (362, 1287), (377, 1371), (397, 1419), (424, 1515), (427, 1527), (431, 1536), (442, 1560), (447, 1572), (458, 1602), (459, 1611), (463, 1620), (495, 1725), (520, 1773), (522, 1776), (532, 1809), (542, 1851), (544, 1863), (558, 1908), (574, 1950),

Gene: Saronaya_2 Start: 512, Stop: 2104, Start Num: 139
Candidate Starts for Saronaya_2:
(Start: 139 @512 has 42 MA's), (Start: 160 @545 has 12 MA's), (191, 620), (200, 650), (205, 671), (211, 695), (219, 722), (226, 767), (233, 788), (243, 839), (249, 863), (252, 875), (284, 1004), (296, 1076), (299, 1097), (304, 1133), (307, 1142), (324, 1226), (332, 1247), (334, 1262), (361, 1379), (365, 1406), (367, 1418), (394, 1511), (421, 1604), (437, 1655), (454, 1694), (462, 1721), (466, 1730), (504, 1802), (509, 1811), (514, 1823), (519, 1832), (530, 1862), (534, 1877), (561, 1976), (599, 2084),

Gene: SassyCat97_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for SassyCat97_2:

(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Savannah_3 Start: 935, Stop: 2557, Start Num: 124
Candidate Starts for Savannah_3:
(Start: 124 @935 has 19 MA's), (Start: 134 @953 has 8 MA's), (135, 956), (Start: 180 @1031 has 1 MA's), (194, 1088), (221, 1199), (234, 1259), (249, 1331), (251, 1340), (256, 1361), (266, 1397), (286, 1481), (288, 1487), (289, 1496), (290, 1499), (395, 1928), (398, 1937), (444, 2087), (453, 2111), (462, 2138), (471, 2159), (489, 2225), (495, 2243), (526, 2309), (539, 2348), (543, 2360), (544, 2369), (567, 2441), (594, 2513),

Gene: Savbucketdawg_5 Start: 1785, Stop: 3392, Start Num: 123
Candidate Starts for Savbucketdawg_5:
(Start: 123 @1785 has 31 MA's), (Start: 144 @1833 has 1 MA's), (219, 2031), (225, 2070), (235, 2103), (242, 2142), (243, 2148), (254, 2190), (278, 2271), (284, 2313), (287, 2325), (299, 2406), (304, 2442), (307, 2451), (332, 2556), (365, 2715), (394, 2814), (417, 2880), (426, 2922), (454, 2988), (455, 2991), (462, 3015), (492, 3084), (503, 3093), (509, 3105), (546, 3222), (561, 3270), (580, 3318),

Gene: Schadenfreude_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Schadenfreude_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Schimmels22_2 Start: 525, Stop: 1949, Start Num: 171
Candidate Starts for Schimmels22_2:
(Start: 171 @525 has 5 MA's), (178, 534), (209, 654), (218, 690), (238, 780), (252, 843), (265, 882), (282, 942), (285, 963), (287, 969), (291, 993), (299, 1050), (300, 1053), (302, 1065), (312, 1131), (319, 1158), (340, 1197), (345, 1230), (377, 1359), (378, 1362), (397, 1404), (424, 1503), (427, 1515), (443, 1551), (447, 1560), (458, 1590), (459, 1599), (463, 1608), (474, 1638), (520, 1761), (532, 1797), (542, 1839), (558, 1896), (574, 1938),

Gene: Schnapsidee_2 Start: 522, Stop: 1925, Start Num: 166
Candidate Starts for Schnapsidee_2:
(Start: 166 @522 has 132 MA's), (195, 603), (209, 657), (218, 693), (239, 786), (252, 846), (282, 945), (291, 996), (302, 1068), (304, 1089), (312, 1134), (313, 1137), (333, 1197), (345, 1233), (362, 1278), (364, 1290), (398, 1413), (424, 1509), (427, 1521), (447, 1566), (458, 1596), (459, 1605), (463, 1614), (481, 1677), (522, 1770), (532, 1803), (542, 1818), (562, 1887),

Gene: SchottB_2 Start: 512, Stop: 2104, Start Num: 139
Candidate Starts for SchottB_2:
(Start: 139 @512 has 42 MA's), (143, 518), (Start: 160 @545 has 12 MA's), (191, 620), (200, 650), (205, 671), (211, 695), (219, 722), (225, 761), (226, 767), (233, 788), (243, 839), (249, 863), (252, 875), (284, 1004), (296, 1076), (299, 1097), (304, 1133), (306, 1139), (307, 1142), (324, 1226), (332, 1247), (361, 1379), (365, 1406), (367, 1418), (394, 1511), (421, 1604), (437, 1655), (454, 1694), (462, 1721), (466, 1730), (504, 1802), (509, 1811), (514, 1823), (519, 1832), (530, 1862), (534, 1877), (561, 1976), (567, 1994),

Gene: Schubert_2 Start: 608, Stop: 2005, Start Num: 173
Candidate Starts for Schubert_2:
(Start: 173 @608 has 7 MA's), (209, 737), (218, 773), (232, 839), (249, 914), (282, 1025), (291, 1076), (299, 1133), (302, 1148), (304, 1169), (312, 1214), (313, 1217), (345, 1313), (368, 1403), (384, 1460), (387, 1463), (397, 1487), (424, 1589), (463, 1691), (495, 1796), (522, 1847), (529, 1868), (542, 1895), (556, 1943), (558, 1952), (574, 1994),

Gene: Schueller_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Schueller_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Scissor2024_2 Start: 525, Stop: 1949, Start Num: 171
Candidate Starts for Scissor2024_2:
(Start: 171 @525 has 5 MA's), (178, 534), (209, 654), (218, 690), (238, 780), (239, 783), (252, 843), (282, 942), (285, 963), (287, 969), (291, 993), (299, 1050), (300, 1053), (302, 1065), (319, 1158), (340, 1197), (345, 1230), (377, 1359), (378, 1362), (397, 1404), (424, 1503), (427, 1515), (443, 1551), (459, 1599), (463, 1608), (474, 1638), (532, 1797), (535, 1809), (542, 1839), (558, 1896), (574, 1938),

Gene: Scoot17C_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Scoot17C_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Scrick_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Scrick_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Scumberland_4 Start: 1129, Stop: 2751, Start Num: 125
Candidate Starts for Scumberland_4:
(57, 1003), (58, 1006), (63, 1024), (85, 1072), (102, 1108), (Start: 125 @1129 has 21 MA's), (Start: 134 @1147 has 8 MA's), (135, 1150), (Start: 180 @1225 has 1 MA's), (194, 1282), (221, 1393), (234, 1453), (249, 1525), (251, 1534), (256, 1555), (266, 1591), (286, 1675), (288, 1681), (289, 1690), (290, 1693), (395, 2122), (398, 2131), (444, 2281), (453, 2305), (462, 2332), (471, 2353), (489, 2419), (495, 2437), (526, 2503), (539, 2542), (543, 2554), (544, 2563), (576, 2653), (592, 2695), (594, 2707),

Gene: Sedgewig_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Sedgewig_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Sejanus_2 Start: 207, Stop: 1727, Start Num: 150
Candidate Starts for Sejanus_2:
(Start: 150 @207 has 4 MA's), (165, 222), (172, 234), (201, 318), (211, 363), (219, 390), (233, 453), (234, 456), (241, 486), (249, 528), (253, 540), (276, 630), (286, 681), (289, 696), (300, 768), (305, 804), (306, 807), (307, 810), (312, 846), (313, 849), (332, 894), (340, 921), (342, 939), (343, 945), (344, 948), (346, 957), (359, 987), (365, 1023), (366, 1029), (367, 1035), (370, 1062), (375, 1077), (380, 1092), (391, 1116), (394, 1125), (395, 1128), (410, 1176), (417, 1203), (421, 1212), (426, 1236), (438, 1266), (447, 1284), (455, 1305), (467, 1341), (468, 1344), (472, 1356), (476, 1368), (483, 1401), (496, 1434), (502, 1446), (510, 1464), (516, 1476), (518, 1482), (525, 1497), (547, 1569), (550, 1578), (551, 1581), (556, 1602), (590, 1677), (594, 1689), (595, 1698),

Gene: Selr12_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Selr12_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Selwyn23_4 Start: 1141, Stop: 2763, Start Num: 125
Candidate Starts for Selwyn23_4:
(56, 1000), (57, 1003), (58, 1006), (85, 1072), (102, 1108), (Start: 125 @1141 has 21 MA's), (Start: 134 @1159 has 8 MA's), (135, 1162), (Start: 180 @1237 has 1 MA's), (194, 1294), (221, 1405), (234, 1465), (249, 1537), (251, 1546), (256, 1567), (266, 1603), (286, 1687), (288, 1693), (289, 1702), (290, 1705), (395, 2134), (398, 2143), (444, 2293), (453, 2317), (462, 2344), (471, 2365), (476, 2380), (489, 2431), (495, 2449), (526, 2515), (539, 2554), (543, 2566), (544, 2575), (567, 2647), (594, 2719),

Gene: Sendy_5 Start: 1770, Stop: 3377, Start Num: 123
Candidate Starts for Sendy_5:
(68, 1671), (Start: 123 @1770 has 31 MA's), (Start: 144 @1818 has 1 MA's), (219, 2016), (225, 2055), (235, 2088), (242, 2127), (243, 2133), (254, 2175), (278, 2256), (284, 2298), (287, 2310), (299, 2391), (304, 2427), (307, 2436), (332, 2541), (365, 2700), (367, 2712), (394, 2799), (417, 2865), (426, 2907), (455, 2976), (462, 3000), (492, 3069), (503, 3078), (509, 3090), (539, 3180), (546, 3207), (561, 3255), (580, 3303),

Gene: Septica_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Septica_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Serendipitous_6 Start: 3647, Stop: 5404, Start Num: 83
Candidate Starts for Serendipitous_6:
(23, 3413), (24, 3422), (25, 3434), (39, 3506), (Start: 83 @3647 has 309 MA's), (95, 3668), (99, 3674), (Start: 160 @3788 has 12 MA's), (165, 3797), (221, 3974), (251, 4115), (257, 4139), (260, 4151), (262, 4160), (264, 4166), (291, 4325), (292, 4328), (300, 4385), (301, 4388), (309, 4451), (312, 4463), (317, 4484), (343, 4580), (349, 4601), (350, 4607), (380, 4745), (447, 4937), (455, 4958), (475, 5018), (478, 5030), (485, 5057), (494, 5084), (522, 5144), (531, 5174), (536, 5195), (539, 5210), (541, 5216), (556, 5270), (574, 5324),

Gene: Serendipity_2 Start: 564, Stop: 2351, Start Num: 83

Candidate Starts for Serendipity_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Serpentine_002 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Serpentine_002:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: ShadowBud_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for ShadowBud_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: ShaiHulud_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for ShaiHulud_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (430, 1521), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Shamu_2 Start: 513, Stop: 1961, Start Num: 175
Candidate Starts for Shamu_2:
(Start: 175 @513 has 21 MA's), (195, 585), (205, 624), (218, 675), (252, 828), (282, 927), (285, 948), (291, 978), (292, 981), (299, 1035), (300, 1038), (302, 1050), (319, 1143), (345, 1242), (362, 1287), (397, 1419), (424, 1515), (427, 1527), (431, 1536), (442, 1560), (447, 1572), (458, 1602), (459, 1611), (461, 1617), (463, 1620), (495, 1725), (522, 1776), (532, 1809), (542, 1851), (544, 1863), (558, 1908), (574, 1950),

Gene: Shatter_4 Start: 2439, Stop: 4172, Start Num: 76
Candidate Starts for Shatter_4:
(Start: 76 @2439 has 10 MA's), (136, 2550), (172, 2607), (195, 2676), (197, 2679), (219, 2763), (221, 2772), (226, 2808), (230, 2820), (298, 3171), (301, 3186), (343, 3378), (357, 3420), (369, 3498), (391, 3552), (394, 3561), (412, 3621), (419, 3642), (420, 3645), (438, 3702), (467, 3777), (537, 3972), (539, 3984), (541, 3990), (543, 3996), (545, 4008), (548, 4017), (558, 4053), (591, 4131), (599, 4149),

Gene: Shee_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Shee_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (246, 816), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (447, 1560), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Sheila_2 Start: 564, Stop: 2351, Start Num: 83

Candidate Starts for Sheila_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Shenandoah_6 Start: 2714, Stop: 4474, Start Num: 70
Candidate Starts for Shenandoah_6:
(4, 2240), (7, 2273), (11, 2339), (19, 2435), (Start: 64 @2696 has 4 MA's), (Start: 70 @2714 has 34 MA's), (Start: 82 @2732 has 9 MA's), (122, 2813), (211, 3026), (220, 3056), (221, 3062), (224, 3089), (236, 3125), (253, 3209), (278, 3335), (291, 3413), (299, 3470), (303, 3503), (306, 3512), (309, 3539), (332, 3617), (343, 3671), (371, 3791), (379, 3812), (412, 3908), (426, 3959), (438, 3989), (439, 3992), (467, 4064), (489, 4139), (500, 4166), (504, 4175), (528, 4226), (536, 4259), (539, 4274), (543, 4286), (556, 4334), (559, 4346), (573, 4385), (574, 4388), (599, 4439),

Gene: Shenyu_6 Start: 3572, Stop: 5338, Start Num: 83
Candidate Starts for Shenyu_6:
(23, 3338), (24, 3347), (25, 3359), (39, 3431), (65, 3536), (Start: 83 @3572 has 309 MA's), (99, 3599), (Start: 160 @3713 has 12 MA's), (165, 3722), (221, 3899), (250, 4037), (251, 4040), (257, 4064), (260, 4076), (264, 4091), (285, 4220), (291, 4250), (292, 4253), (300, 4310), (301, 4313), (302, 4322), (309, 4376), (312, 4388), (343, 4505), (349, 4526), (380, 4670), (447, 4862), (455, 4883), (475, 4943), (478, 4955), (494, 5009), (522, 5069), (531, 5099), (536, 5120), (539, 5135), (541, 5141), (556, 5195), (574, 5249),

Gene: ShiVal_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for ShiVal_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Shinji_5 Start: 1791, Stop: 3395, Start Num: 123
Candidate Starts for Shinji_5:
(Start: 123 @1791 has 31 MA's), (Start: 144 @1839 has 1 MA's), (200, 1962), (219, 2034), (228, 2085), (235, 2106), (238, 2124), (254, 2193), (278, 2274), (281, 2289), (284, 2316), (290, 2343), (295, 2376), (299, 2409), (304, 2445), (307, 2454), (370, 2757), (416, 2877), (417, 2883), (426, 2925), (442, 2961), (455, 2994), (462, 3018), (492, 3087), (503, 3096), (509, 3108), (542, 3207), (546, 3225), (561, 3273), (572, 3303), (580, 3321),

Gene: Shivanishola_2 Start: 514, Stop: 2106, Start Num: 139
Candidate Starts for Shivanishola_2:
(Start: 139 @514 has 42 MA's), (200, 652), (205, 673), (219, 724), (225, 763), (226, 769), (233, 790), (243, 841), (252, 877), (284, 1006), (293, 1060), (296, 1078), (299, 1099), (304, 1135), (307, 1144), (324, 1228), (332, 1249), (361, 1381), (365, 1408), (367, 1420), (429, 1639), (437, 1657), (462, 1723), (466, 1732), (504, 1804), (514, 1825), (519, 1834), (530, 1864), (534, 1879), (561, 1978), (567, 1996),

Gene: Shotgun_3 Start: 911, Stop: 2533, Start Num: 124
Candidate Starts for Shotgun_3:
(34, 686), (48, 749), (55, 773), (107, 890), (Start: 124 @911 has 19 MA's), (Start: 134 @929 has 8 MA's), (135, 932), (Start: 180 @1007 has 1 MA's), (194, 1064), (221, 1175), (234, 1235), (249, 1307), (251, 1316), (256, 1337), (266, 1373), (286, 1457), (288, 1463), (289, 1472), (290, 1475), (395, 1904),

(398, 1913), (444, 2063), (453, 2087), (462, 2114), (471, 2135), (476, 2150), (489, 2201), (495, 2219), (526, 2285), (539, 2324), (543, 2336), (544, 2345), (567, 2417), (576, 2435), (592, 2477), (594, 2489),

Gene: Shrubaron_3 Start: 935, Stop: 2557, Start Num: 127
Candidate Starts for Shrubaron_3:
(Start: 127 @935 has 5 MA's), (Start: 132 @944 has 1 MA's), (Start: 134 @950 has 8 MA's), (164, 1007), (Start: 180 @1028 has 1 MA's), (194, 1085), (214, 1160), (221, 1196), (249, 1328), (251, 1337), (256, 1358), (266, 1394), (286, 1478), (288, 1484), (289, 1493), (290, 1496), (369, 1862), (388, 1910), (398, 1934), (411, 1979), (428, 2051), (436, 2069), (471, 2156), (476, 2171), (481, 2198), (524, 2303), (526, 2306), (539, 2345), (544, 2366), (556, 2402), (567, 2438), (599, 2534),

Gene: Sigman_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Sigman_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: SilverBell_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for SilverBell_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Simielle_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Simielle_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Sinatra_2 Start: 608, Stop: 2026, Start Num: 160
Candidate Starts for Sinatra_2:
(Start: 160 @608 has 12 MA's), (168, 620), (Start: 173 @629 has 7 MA's), (181, 644), (193, 698), (209, 758), (218, 794), (232, 860), (238, 884), (265, 986), (282, 1046), (291, 1097), (297, 1136), (299, 1154), (300, 1157), (302, 1169), (304, 1190), (312, 1235), (313, 1238), (345, 1334), (368, 1424), (378, 1466), (384, 1481), (397, 1508), (402, 1529), (424, 1610), (443, 1655), (447, 1664), (458, 1694), (463, 1712), (476, 1748), (495, 1817), (514, 1856), (532, 1901), (542, 1916), (556, 1964), (574, 2015),

Gene: SirBeauregard_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for SirBeauregard_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: SirFrank_3 Start: 962, Stop: 2584, Start Num: 125
Candidate Starts for SirFrank_3:

(51, 824), (52, 827), (77, 893), (Start: 98 @929 has 2 MA's), (Start: 125 @962 has 21 MA's), (Start: 134 @980 has 8 MA's), (135, 983), (Start: 180 @1058 has 1 MA's), (194, 1115), (214, 1190), (221, 1226), (249, 1358), (251, 1367), (256, 1388), (266, 1424), (286, 1508), (288, 1514), (289, 1523), (290, 1526), (347, 1778), (395, 1955), (398, 1964), (436, 2099), (444, 2114), (453, 2138), (462, 2165), (471, 2186), (476, 2201), (489, 2252), (495, 2270), (526, 2336), (539, 2375), (543, 2387), (556, 2432), (567, 2468), (576, 2486), (594, 2540),

Gene: SirJeffery_6 Start: 3581, Stop: 5347, Start Num: 83
Candidate Starts for SirJeffery_6:
(23, 3347), (24, 3356), (25, 3368), (39, 3440), (65, 3545), (Start: 83 @3581 has 309 MA's), (95, 3602), (99, 3608), (Start: 160 @3722 has 12 MA's), (165, 3731), (221, 3908), (250, 4046), (251, 4049), (257, 4073), (260, 4085), (264, 4100), (291, 4259), (292, 4262), (300, 4319), (301, 4322), (302, 4331), (309, 4385), (312, 4397), (343, 4514), (349, 4535), (380, 4679), (447, 4871), (455, 4892), (475, 4952), (478, 4964), (485, 4991), (494, 5018), (522, 5078), (531, 5108), (536, 5129), (539, 5144), (541, 5150), (556, 5204), (574, 5258),

Gene: SirVictor_2 Start: 608, Stop: 2020, Start Num: 160
Candidate Starts for SirVictor_2:
(Start: 160 @608 has 12 MA's), (183, 647), (193, 695), (209, 755), (218, 791), (238, 881), (265, 983), (282, 1043), (291, 1094), (297, 1133), (299, 1151), (300, 1154), (302, 1166), (313, 1235), (340, 1298), (345, 1331), (368, 1421), (384, 1478), (397, 1505), (413, 1562), (424, 1604), (458, 1688), (459, 1697), (461, 1703), (463, 1706), (476, 1742), (495, 1811), (514, 1850), (522, 1862), (529, 1883), (532, 1895), (542, 1910), (556, 1958), (574, 2009),

Gene: Sisko_4 Start: 2448, Stop: 4187, Start Num: 76
Candidate Starts for Sisko_4:
(Start: 76 @2448 has 10 MA's), (172, 2625), (195, 2694), (219, 2781), (221, 2790), (226, 2826), (230, 2838), (275, 3042), (298, 3189), (301, 3204), (329, 3336), (343, 3396), (357, 3438), (369, 3516), (384, 3555), (391, 3567), (395, 3579), (420, 3660), (425, 3684), (438, 3717), (467, 3792), (473, 3810), (531, 3963), (539, 3999), (548, 4032), (556, 4059), (558, 4068), (576, 4119),

Gene: Sitar_2 Start: 515, Stop: 2107, Start Num: 139
Candidate Starts for Sitar_2:
(Start: 139 @515 has 42 MA's), (143, 521), (191, 623), (200, 653), (205, 674), (212, 701), (219, 725), (225, 764), (226, 770), (233, 791), (243, 842), (249, 866), (252, 878), (284, 1007), (296, 1079), (299, 1100), (304, 1136), (307, 1145), (324, 1229), (332, 1250), (361, 1382), (365, 1409), (367, 1421), (429, 1640), (437, 1658), (462, 1724), (466, 1733), (504, 1805), (514, 1826), (519, 1835), (530, 1865), (534, 1880), (561, 1979), (567, 1997), (579, 2027), (599, 2087),

Gene: Sixsevenium_6 Start: 1904, Stop: 3508, Start Num: 123
Candidate Starts for Sixsevenium_6:
(3, 1301), (8, 1373), (13, 1457), (19, 1526), (Start: 123 @1904 has 31 MA's), (Start: 144 @1952 has 1 MA's), (200, 2075), (219, 2147), (228, 2198), (235, 2219), (238, 2237), (254, 2306), (278, 2387), (281, 2402), (284, 2429), (290, 2456), (295, 2489), (299, 2522), (304, 2558), (307, 2567), (417, 2996), (426, 3038), (442, 3074), (455, 3107), (462, 3131), (492, 3200), (503, 3209), (509, 3221), (546, 3338), (557, 3374), (561, 3386), (580, 3434),

Gene: Skippy_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Skippy_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556,

2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Skugga_3 Start: 917, Stop: 2539, Start Num: 125
Candidate Starts for Skugga_3:
(Start: 125 @917 has 21 MA's), (Start: 132 @929 has 1 MA's), (Start: 134 @935 has 8 MA's), (135, 938), (154, 977), (Start: 180 @1013 has 1 MA's), (194, 1070), (221, 1181), (249, 1313), (251, 1322), (256, 1343), (266, 1379), (286, 1463), (288, 1469), (289, 1478), (290, 1481), (325, 1655), (347, 1733), (388, 1895), (398, 1919), (428, 2036), (471, 2141), (476, 2156), (481, 2183), (495, 2225), (524, 2288), (526, 2291), (539, 2330), (544, 2351), (556, 2387), (565, 2417),

Gene: Slatt_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Slatt_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Smarties_5 Start: 1323, Stop: 2945, Start Num: 125
Candidate Starts for Smarties_5:
(Start: 125 @1323 has 21 MA's), (Start: 134 @1341 has 8 MA's), (135, 1344), (164, 1398), (Start: 180 @1419 has 1 MA's), (194, 1476), (221, 1587), (249, 1719), (251, 1728), (286, 1869), (288, 1875), (289, 1884), (290, 1887), (325, 2061), (347, 2139), (369, 2253), (388, 2301), (395, 2316), (398, 2325), (428, 2442), (471, 2547), (476, 2562), (481, 2589), (524, 2694), (526, 2697), (539, 2736), (556, 2793), (565, 2823), (567, 2829), (594, 2901),

Gene: SmokingBunny_5 Start: 1653, Stop: 3257, Start Num: 123
Candidate Starts for SmokingBunny_5:
(5, 1077), (18, 1248), (26, 1350), (29, 1365), (36, 1392), (115, 1635), (Start: 123 @1653 has 31 MA's), (Start: 144 @1701 has 1 MA's), (200, 1824), (219, 1896), (228, 1947), (235, 1968), (238, 1986), (254, 2055), (278, 2136), (281, 2151), (284, 2178), (290, 2205), (295, 2238), (299, 2271), (304, 2307), (307, 2316), (369, 2616), (416, 2739), (417, 2745), (426, 2787), (442, 2823), (455, 2856), (462, 2880), (492, 2949), (503, 2958), (509, 2970), (546, 3087), (561, 3135), (580, 3183),

Gene: SoilGremlin_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for SoilGremlin_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Soile_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Soile_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: SolidSnake_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for SolidSnake_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227),

(364, 1284), (424, 1503), (427, 1515), (443, 1551), (447, 1560), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Solosis_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Solosis_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: SonOfLevi_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for SonOfLevi_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Sonali_2 Start: 649, Stop: 2124, Start Num: 156
Candidate Starts for Sonali_2:
(Start: 156 @649 has 9 MA's), (161, 655), (181, 688), (227, 880), (240, 928), (278, 1075), (281, 1090), (305, 1249), (332, 1342), (408, 1618), (411, 1630), (420, 1666), (422, 1675), (441, 1729), (456, 1765), (500, 1909), (529, 1981), (539, 2026),

Gene: Soos_2 Start: 1099, Stop: 2844, Start Num: 120
Candidate Starts for Soos_2:
(Start: 101 @1063 has 6 MA's), (Start: 120 @1099 has 7 MA's), (Start: 129 @1108 has 4 MA's), (131, 1111), (142, 1138), (165, 1171), (218, 1336), (219, 1339), (221, 1348), (225, 1378), (258, 1516), (262, 1534), (288, 1678), (291, 1699), (296, 1735), (303, 1789), (326, 1894), (343, 1960), (344, 1963), (364, 2026), (367, 2050), (395, 2140), (419, 2218), (420, 2221), (426, 2248), (438, 2278), (447, 2296), (467, 2353), (486, 2419), (540, 2566), (577, 2689), (583, 2701), (592, 2722), (595, 2746), (601, 2773), (605, 2809), (607, 2821),

Gene: Sophia_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Sophia_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Soror1_2 Start: 522, Stop: 1928, Start Num: 166
Candidate Starts for Soror1_2:
(Start: 166 @522 has 132 MA's), (195, 603), (209, 657), (218, 693), (239, 786), (252, 846), (282, 945), (291, 996), (302, 1068), (304, 1089), (312, 1134), (313, 1137), (333, 1197), (345, 1233), (362, 1278), (364, 1290), (398, 1413), (424, 1509), (427, 1521), (447, 1566), (458, 1596), (459, 1605), (463, 1614), (481, 1677), (522, 1770), (532, 1803), (542, 1818), (562, 1887), (574, 1917),

Gene: Soto_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Soto_2:
(32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394,

1695), (412, 1755), (420, 1788), (450, 1875), (465, 1914), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Sour_8 Start: 4287, Stop: 6029, Start Num: 72
Candidate Starts for Sour_8:
(Start: 72 @4287 has 1 MA's), (Start: 127 @4386 has 5 MA's), (172, 4464), (195, 4533), (219, 4620), (221, 4629), (226, 4665), (230, 4677), (275, 4881), (282, 4929), (293, 4998), (298, 5028), (301, 5043), (343, 5235), (357, 5277), (369, 5355), (412, 5478), (419, 5499), (467, 5634), (504, 5742), (536, 5826), (541, 5847), (545, 5865), (556, 5901), (559, 5913), (585, 5973), (599, 6006),

Gene: Spartan300_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Spartan300_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Squid_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Squid_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Squiggle_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Squiggle_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: StAugustine_10 Start: 6095, Stop: 7816, Start Num: 98
Candidate Starts for StAugustine_10:
(Start: 98 @6095 has 2 MA's), (165, 6206), (219, 6374), (221, 6383), (249, 6515), (260, 6560), (275, 6635), (286, 6707), (291, 6734), (298, 6782), (332, 6938), (343, 6989), (382, 7127), (447, 7316), (455, 7337), (467, 7373), (480, 7412), (500, 7475), (566, 7682),

Gene: Stanktossa_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Stanktossa_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (485, 1683), (522, 1764), (542, 1812), (574, 1911),

Gene: Stichling_2 Start: 512, Stop: 2104, Start Num: 139
Candidate Starts for Stichling_2:
(Start: 139 @512 has 42 MA's), (143, 518), (Start: 160 @545 has 12 MA's), (191, 620), (200, 650), (205, 671), (211, 695), (219, 722), (226, 767), (233, 788), (243, 839), (249, 863), (252, 875), (284, 1004), (296, 1076), (299, 1097), (304, 1133), (306, 1139), (307, 1142), (324, 1226), (332, 1247), (361, 1379), (365, 1406), (367, 1418), (394, 1511), (421, 1604), (437, 1655), (454, 1694), (462, 1721), (466,

1730), (504, 1802), (509, 1811), (514, 1823), (519, 1832), (530, 1862), (534, 1877), (561, 1976), (599, 2084),

Gene: Stillion_2 Start: 1099, Stop: 2844, Start Num: 120
Candidate Starts for Stillion_2:
(Start: 101 @1063 has 6 MA's), (Start: 120 @1099 has 7 MA's), (Start: 129 @1108 has 4 MA's), (131, 1111), (142, 1138), (165, 1171), (218, 1336), (219, 1339), (221, 1348), (258, 1516), (262, 1534), (288, 1678), (290, 1690), (291, 1699), (296, 1735), (303, 1789), (326, 1894), (343, 1960), (344, 1963), (364, 2026), (367, 2050), (395, 2140), (419, 2218), (420, 2221), (426, 2248), (438, 2278), (447, 2296), (467, 2353), (486, 2419), (540, 2566), (569, 2665), (577, 2689), (592, 2722), (601, 2773), (603, 2797), (607, 2821), (608, 2824),

Gene: Sting_2 Start: 1096, Stop: 2841, Start Num: 120
Candidate Starts for Sting_2:
(Start: 120 @1096 has 7 MA's), (Start: 129 @1105 has 4 MA's), (131, 1108), (142, 1135), (165, 1168), (218, 1333), (219, 1336), (221, 1345), (225, 1375), (258, 1513), (262, 1531), (288, 1675), (291, 1696), (303, 1786), (326, 1891), (343, 1957), (364, 2023), (367, 2047), (395, 2137), (419, 2215), (420, 2218), (426, 2245), (438, 2275), (447, 2293), (467, 2350), (486, 2416), (577, 2686), (583, 2698), (592, 2719), (595, 2743), (601, 2770), (605, 2806), (607, 2818), (608, 2821),

Gene: StingRay_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for StingRay_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Stinger_4 Start: 2363, Stop: 4120, Start Num: 75
Candidate Starts for Stinger_4:
(59, 2324), (Start: 75 @2363 has 1 MA's), (Start: 80 @2369 has 25 MA's), (165, 2525), (167, 2528), (Start: 186 @2564 has 1 MA's), (191, 2594), (196, 2606), (205, 2642), (211, 2666), (220, 2699), (221, 2705), (226, 2741), (240, 2792), (245, 2822), (275, 2957), (283, 3014), (291, 3056), (292, 3059), (296, 3092), (299, 3113), (312, 3194), (317, 3215), (343, 3311), (344, 3314), (362, 3371), (380, 3461), (391, 3485), (394, 3494), (418, 3572), (419, 3581), (425, 3608), (438, 3641), (439, 3644), (450, 3671), (455, 3680), (465, 3710), (467, 3716), (468, 3719), (489, 3791), (522, 3866), (537, 3920), (549, 3968), (566, 4025), (568, 4031), (574, 4046), (599, 4097),

Gene: StinkyVeggy_6 Start: 3572, Stop: 5335, Start Num: 83
Candidate Starts for StinkyVeggy_6:
(24, 3347), (25, 3359), (39, 3431), (65, 3536), (Start: 83 @3572 has 309 MA's), (99, 3599), (Start: 160 @3713 has 12 MA's), (165, 3722), (221, 3899), (250, 4037), (251, 4040), (257, 4064), (260, 4076), (264, 4091), (291, 4250), (292, 4253), (300, 4310), (301, 4313), (302, 4322), (309, 4376), (312, 4388), (343, 4505), (349, 4526), (380, 4670), (447, 4862), (455, 4883), (475, 4943), (478, 4955), (494, 5009), (527, 5084), (528, 5087), (531, 5099), (536, 5120), (539, 5135), (541, 5141), (556, 5195), (574, 5249),

Gene: StirfryIV_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for StirfryIV_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Stormbreaker8_2 Start: 522, Stop: 1925, Start Num: 166

Candidate Starts for Stormbreaker8_2:
(Start: 166 @522 has 132 MA's), (195, 603), (209, 657), (218, 693), (239, 786), (252, 846), (282, 945), (291, 996), (302, 1068), (304, 1089), (312, 1134), (313, 1137), (333, 1197), (345, 1233), (362, 1278), (364, 1290), (398, 1413), (424, 1509), (427, 1521), (447, 1566), (458, 1596), (459, 1605), (463, 1614), (481, 1677), (522, 1770), (532, 1803), (542, 1818), (562, 1887),

Gene: StorminNorm_2 Start: 512, Stop: 2104, Start Num: 139
Candidate Starts for StorminNorm_2:
(Start: 139 @512 has 42 MA's), (143, 518), (Start: 160 @545 has 12 MA's), (191, 620), (200, 650), (205, 671), (211, 695), (219, 722), (226, 767), (233, 788), (249, 863), (252, 875), (284, 1004), (296, 1076), (299, 1097), (304, 1133), (307, 1142), (324, 1226), (332, 1247), (334, 1262), (361, 1379), (365, 1406), (367, 1418), (394, 1511), (421, 1604), (437, 1655), (454, 1694), (462, 1721), (466, 1730), (504, 1802), (509, 1811), (514, 1823), (519, 1832), (530, 1862), (534, 1877), (561, 1976), (599, 2084),

Gene: Strathdee_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Strathdee_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Struggle_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Struggle_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Stultus_2 Start: 514, Stop: 2106, Start Num: 139
Candidate Starts for Stultus_2:
(Start: 139 @514 has 42 MA's), (143, 520), (205, 673), (219, 724), (225, 763), (226, 769), (233, 790), (249, 865), (252, 877), (284, 1006), (293, 1060), (296, 1078), (299, 1099), (304, 1135), (307, 1144), (324, 1228), (332, 1249), (361, 1381), (365, 1408), (367, 1420), (429, 1639), (437, 1657), (462, 1723), (504, 1804), (514, 1825), (519, 1834), (530, 1864), (534, 1879), (561, 1978), (579, 2026), (599, 2086),

Gene: Suffolk_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Suffolk_2:
(32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Suigeneris_6 Start: 3581, Stop: 5347, Start Num: 83
Candidate Starts for Suigeneris_6:
(23, 3347), (24, 3356), (25, 3368), (39, 3440), (65, 3545), (Start: 83 @3581 has 309 MA's), (95, 3602), (99, 3608), (Start: 160 @3722 has 12 MA's), (165, 3731), (221, 3908), (250, 4046), (251, 4049), (257, 4073), (260, 4085), (264, 4100), (291, 4259), (292, 4262), (300, 4319), (301, 4322), (302, 4331), (309, 4385), (312, 4397), (343, 4514), (349, 4535), (380, 4679), (447, 4871), (455, 4892), (475, 4952), (478, 4964), (485, 4991), (494, 5018), (522, 5078), (531, 5108), (536, 5129), (539, 5144), (541, 5150), (556, 5204), (574, 5258),

Gene: Sunny_ Start: 1237, Stop: 2859, Start Num: 125
Candidate Starts for Sunny_:
(Start: 125 @1237 has 21 MA's), (Start: 134 @1255 has 8 MA's), (135, 1258), (Start: 180 @1333 has 1 MA's), (194, 1390), (214, 1465), (221, 1501), (251, 1642), (286, 1783), (288, 1789), (290, 1801), (312, 1948), (369, 2167), (395, 2230), (398, 2239), (428, 2356), (471, 2461), (476, 2476), (481, 2503), (495, 2545), (524, 2608), (526, 2611), (539, 2650), (544, 2671), (556, 2707), (563, 2731), (578, 2767),

Gene: Sunshine23_2 Start: 649, Stop: 2124, Start Num: 156
Candidate Starts for Sunshine23_2:
(Start: 156 @649 has 9 MA's), (161, 655), (181, 688), (227, 880), (240, 928), (278, 1075), (281, 1090), (332, 1342), (407, 1615), (408, 1618), (411, 1630), (420, 1666), (422, 1675), (441, 1729), (456, 1765), (500, 1909), (505, 1921), (529, 1981), (539, 2026),

Gene: Superfresh_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Superfresh_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Surely_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Surely_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: SwainyDoc_6 Start: 2714, Stop: 4471, Start Num: 70
Candidate Starts for SwainyDoc_6:
(Start: 64 @2696 has 4 MA's), (Start: 70 @2714 has 34 MA's), (Start: 82 @2732 has 9 MA's), (122, 2810), (211, 3023), (220, 3053), (221, 3059), (224, 3086), (236, 3122), (253, 3206), (278, 3332), (291, 3410), (299, 3467), (303, 3500), (332, 3614), (343, 3668), (371, 3788), (379, 3809), (412, 3905), (426, 3956), (438, 3986), (439, 3989), (467, 4061), (489, 4136), (500, 4163), (504, 4172), (528, 4223), (536, 4256), (539, 4271), (543, 4283), (559, 4343), (573, 4382), (574, 4385), (599, 4436),

Gene: Swiphy_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Swiphy_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Swish_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Swish_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Symere_2 Start: 522, Stop: 1922, Start Num: 166

Candidate Starts for Symere_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (246, 816), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: SynergyX_6 Start: 2714, Stop: 4474, Start Num: 70
Candidate Starts for SynergyX_6:
(4, 2240), (7, 2273), (11, 2339), (19, 2435), (Start: 64 @2696 has 4 MA's), (Start: 70 @2714 has 34 MA's), (Start: 82 @2732 has 9 MA's), (122, 2813), (211, 3026), (220, 3056), (221, 3062), (224, 3089), (236, 3125), (253, 3209), (278, 3335), (291, 3413), (299, 3470), (303, 3503), (332, 3617), (343, 3671), (371, 3791), (379, 3812), (412, 3908), (426, 3959), (438, 3989), (439, 3992), (455, 4028), (467, 4064), (489, 4139), (500, 4166), (504, 4175), (528, 4226), (536, 4259), (539, 4274), (543, 4286), (559, 4346), (573, 4385), (574, 4388), (599, 4439),

Gene: TA17A_7 Start: 4224, Stop: 5924, Start Num: 101
Candidate Starts for TA17A_7:
(Start: 101 @4224 has 6 MA's), (Start: 105 @4230 has 31 MA's), (167, 4332), (195, 4410), (216, 4491), (224, 4542), (226, 4551), (233, 4572), (257, 4680), (260, 4692), (291, 4866), (296, 4902), (298, 4914), (299, 4923), (312, 5004), (343, 5121), (344, 5124), (365, 5199), (369, 5235), (391, 5292), (426, 5412), (438, 5442), (447, 5460), (455, 5481), (465, 5511), (467, 5517), (480, 5556), (489, 5592), (500, 5619), (522, 5661), (537, 5715), (541, 5733), (556, 5787), (585, 5859),

Gene: TPA2_09 Start: 3353, Stop: 5014, Start Num: 135
Candidate Starts for TPA2_09:
(135, 3353), (141, 3368), (157, 3392), (165, 3404), (221, 3584), (230, 3632), (236, 3647), (240, 3671), (247, 3710), (273, 3821), (279, 3860), (286, 3908), (300, 3995), (304, 4028), (305, 4031), (311, 4070), (313, 4076), (343, 4190), (365, 4274), (380, 4343), (393, 4376), (394, 4382), (419, 4463), (426, 4493), (455, 4562), (523, 4751), (531, 4778), (535, 4793), (542, 4823), (556, 4874), (559, 4886), (595, 4982),

Gene: TallGrassMM_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for TallGrassMM_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Tangerine_2 Start: 512, Stop: 2104, Start Num: 139
Candidate Starts for Tangerine_2:
(Start: 139 @512 has 42 MA's), (143, 518), (Start: 160 @545 has 12 MA's), (191, 620), (200, 650), (205, 671), (211, 695), (219, 722), (226, 767), (233, 788), (243, 839), (249, 863), (252, 875), (284, 1004), (296, 1076), (299, 1097), (304, 1133), (307, 1142), (324, 1226), (332, 1247), (361, 1379), (365, 1406), (367, 1418), (394, 1511), (421, 1604), (437, 1655), (454, 1694), (462, 1721), (466, 1730), (504, 1802), (509, 1811), (514, 1823), (519, 1832), (530, 1862), (534, 1877), (561, 1976), (599, 2084),

Gene: Taptic_2 Start: 348, Stop: 1952, Start Num: 118
Candidate Starts for Taptic_2:
(Start: 118 @348 has 8 MA's), (165, 426), (167, 429), (172, 438), (219, 594), (221, 603), (229, 648), (239, 687), (240, 690), (258, 771), (278, 876), (291, 954), (295, 978), (296, 990), (332, 1158), (338, 1176), (362, 1263), (364, 1275), (382, 1359), (391, 1380), (394, 1389), (395, 1392), (397, 1398), (413, 1452), (419, 1470), (421, 1476), (426, 1500), (438, 1530), (467, 1605), (484, 1656), (510, 1719), (516, 1731), (547, 1824), (550, 1833), (553, 1839), (556, 1857), (570, 1902), (577, 1923), (582, 1932), (587,

1944), (589, 1947),

Gene: Taraxa_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Taraxa_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Tardus_2 Start: 491, Stop: 2155, Start Num: 129
Candidate Starts for Tardus_2:
(Start: 129 @491 has 4 MA's), (Start: 144 @530 has 1 MA's), (Start: 180 @581 has 1 MA's), (205, 677), (211, 701), (219, 728), (225, 767), (240, 824), (249, 869), (259, 908), (278, 968), (284, 1010), (295, 1070), (296, 1082), (299, 1103), (304, 1139), (307, 1148), (321, 1220), (324, 1232), (332, 1253), (348, 1334), (361, 1415), (365, 1442), (394, 1541), (425, 1655), (437, 1685), (450, 1718), (454, 1724), (462, 1751), (475, 1787), (487, 1826), (504, 1856), (509, 1865), (519, 1886), (521, 1889), (546, 1982), (561, 2030), (567, 2048),

Gene: TatarkaPM_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for TatarkaPM_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (447, 1560), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Teagan_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Teagan_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (447, 1560), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Teamocil_3 Start: 791, Stop: 2413, Start Num: 125
Candidate Starts for Teamocil_3:
(28, 506), (57, 650), (74, 698), (85, 719), (104, 761), (Start: 125 @791 has 21 MA's), (Start: 134 @809 has 8 MA's), (135, 812), (154, 851), (Start: 180 @887 has 1 MA's), (194, 944), (221, 1055), (251, 1196), (256, 1217), (266, 1253), (286, 1337), (288, 1343), (289, 1352), (290, 1355), (325, 1529), (369, 1721), (388, 1769), (398, 1793), (428, 1910), (471, 2015), (476, 2030), (481, 2057), (495, 2099), (524, 2162), (526, 2165), (539, 2204), (544, 2225), (556, 2261), (565, 2291), (600, 2402),

Gene: TeddyBear_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for TeddyBear_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (447, 1560), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Telesworld_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Telesworld_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509),

(344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Tenda_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Tenda_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (239, 780), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (447, 1560), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Terij_4 Start: 2152, Stop: 3804, Start Num: 114
Candidate Starts for Terij_4:
(10, 1639), (20, 1822), (54, 2014), (Start: 114 @2152 has 6 MA's), (138, 2209), (172, 2269), (214, 2407), (218, 2431), (221, 2443), (236, 2506), (249, 2575), (251, 2584), (286, 2725), (288, 2731), (289, 2740), (290, 2743), (339, 2971), (359, 3058), (394, 3196), (406, 3238), (411, 3253), (419, 3286), (420, 3289), (423, 3304), (476, 3430), (489, 3481), (526, 3565), (539, 3598), (556, 3655), (573, 3700), (586, 3739),

Gene: Theresita_2 Start: 558, Stop: 1928, Start Num: 186
Candidate Starts for Theresita_2:
(Start: 72 @315 has 1 MA's), (Start: 186 @558 has 1 MA's), (232, 762), (239, 789), (246, 825), (287, 975), (291, 999), (299, 1056), (302, 1071), (304, 1092), (305, 1095), (315, 1149), (364, 1326), (384, 1416), (398, 1446), (399, 1452), (424, 1512), (463, 1614), (501, 1728), (522, 1770), (529, 1791), (558, 1875), (574, 1917),

Gene: Thing3_2 Start: 514, Stop: 2106, Start Num: 139
Candidate Starts for Thing3_2:
(Start: 139 @514 has 42 MA's), (143, 520), (205, 673), (219, 724), (225, 763), (226, 769), (233, 790), (243, 841), (249, 865), (252, 877), (284, 1006), (293, 1060), (296, 1078), (299, 1099), (304, 1135), (307, 1144), (324, 1228), (332, 1249), (361, 1381), (365, 1408), (367, 1420), (386, 1489), (394, 1513), (429, 1639), (437, 1657), (462, 1723), (466, 1732), (504, 1804), (514, 1825), (519, 1834), (530, 1864), (534, 1879), (561, 1978), (579, 2026),

Gene: Thompsone_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Thompsone_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (543, 1815), (574, 1911),

Gene: Thonko_1 Start: 1, Stop: 1770, Start Num: 66
Candidate Starts for Thonko_1:
(Start: 66 @1 has 1 MA's), (95, 61), (99, 67), (165, 187), (211, 328), (219, 358), (221, 367), (278, 640), (291, 718), (300, 778), (302, 790), (312, 856), (320, 889), (343, 973), (385, 1132), (426, 1267), (446, 1312), (447, 1315), (467, 1372), (475, 1396), (499, 1471), (522, 1516), (541, 1588), (556, 1642), (590, 1732), (599, 1750),

Gene: Thora_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Thora_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556,

2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Thorongil_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Thorongil_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: ThreeOh3D2_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for ThreeOh3D2_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Thunderbird_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Thunderbird_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Tiamoceli_2 Start: 558, Stop: 2156, Start Num: 128
Candidate Starts for Tiamoceli_2:
(Start: 128 @558 has 7 MA's), (181, 642), (193, 690), (200, 714), (205, 735), (211, 759), (219, 786), (225, 825), (235, 858), (238, 876), (240, 882), (251, 936), (252, 939), (278, 1026), (284, 1068), (293, 1122), (296, 1140), (299, 1161), (307, 1206), (321, 1278), (324, 1290), (332, 1311), (346, 1386), (361, 1443), (363, 1452), (365, 1470), (367, 1482), (394, 1569), (425, 1683), (442, 1722), (462, 1779), (503, 1857), (561, 2034), (567, 2052), (581, 2085),

Gene: TillyBobJoe_5 Start: 1788, Stop: 3395, Start Num: 123
Candidate Starts for TillyBobJoe_5:
(Start: 123 @1788 has 31 MA's), (Start: 144 @1836 has 1 MA's), (219, 2034), (225, 2073), (235, 2106), (242, 2145), (243, 2151), (254, 2193), (278, 2274), (284, 2316), (287, 2328), (299, 2409), (304, 2445), (307, 2454), (332, 2559), (365, 2718), (394, 2817), (417, 2883), (426, 2925), (454, 2991), (455, 2994), (462, 3018), (492, 3087), (503, 3096), (509, 3108), (546, 3225), (561, 3273), (580, 3321),

Gene: Timmi_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Timmi_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: TinSulphur_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for TinSulphur_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (239, 780), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (447, 1560), (458, 1590), (459, 1599), (463, 1608),

(481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Tinciduntsolum_8 Start: 4340, Stop: 6040, Start Num: 101
Candidate Starts for Tinciduntsolum_8:
(Start: 101 @4340 has 6 MA's), (Start: 105 @4346 has 31 MA's), (195, 4526), (216, 4607), (224, 4658), (226, 4667), (233, 4688), (257, 4796), (260, 4808), (291, 4982), (296, 5018), (298, 5030), (299, 5039), (312, 5120), (343, 5237), (344, 5240), (365, 5315), (369, 5351), (391, 5408), (426, 5528), (438, 5558), (447, 5576), (455, 5597), (465, 5627), (467, 5633), (480, 5672), (489, 5708), (500, 5735), (522, 5777), (537, 5831), (541, 5849), (556, 5903), (585, 5975),

Gene: TinyTerror_6 Start: 2717, Stop: 4477, Start Num: 70
Candidate Starts for TinyTerror_6:
(4, 2243), (7, 2276), (11, 2342), (19, 2438), (Start: 64 @2699 has 4 MA's), (Start: 70 @2717 has 34 MA's), (Start: 82 @2735 has 9 MA's), (122, 2816), (211, 3029), (220, 3059), (221, 3065), (224, 3092), (236, 3128), (253, 3212), (278, 3338), (291, 3416), (299, 3473), (303, 3506), (332, 3620), (343, 3674), (371, 3794), (379, 3815), (412, 3911), (426, 3962), (438, 3992), (439, 3995), (467, 4067), (489, 4142), (500, 4169), (504, 4178), (528, 4229), (536, 4262), (539, 4277), (543, 4289), (559, 4349), (573, 4388), (574, 4391), (599, 4442),

Gene: Tinyman4_2 Start: 525, Stop: 1949, Start Num: 171
Candidate Starts for Tinyman4_2:
(Start: 171 @525 has 5 MA's), (209, 654), (218, 690), (238, 780), (239, 783), (252, 843), (265, 882), (282, 942), (285, 963), (287, 969), (291, 993), (299, 1050), (300, 1053), (302, 1065), (312, 1131), (319, 1158), (340, 1197), (345, 1230), (377, 1359), (378, 1362), (397, 1404), (424, 1503), (427, 1515), (443, 1551), (447, 1560), (458, 1590), (459, 1599), (463, 1608), (474, 1638), (532, 1797), (535, 1809), (542, 1839), (558, 1896), (574, 1938),

Gene: Togo_5 Start: 1653, Stop: 3257, Start Num: 123
Candidate Starts for Togo_5:
(5, 1077), (18, 1248), (26, 1350), (29, 1365), (36, 1392), (115, 1635), (Start: 123 @1653 has 31 MA's), (Start: 144 @1701 has 1 MA's), (200, 1824), (219, 1896), (228, 1947), (235, 1968), (238, 1986), (254, 2055), (278, 2136), (281, 2151), (284, 2178), (290, 2205), (295, 2238), (299, 2271), (304, 2307), (307, 2316), (369, 2616), (416, 2739), (417, 2745), (426, 2787), (442, 2823), (455, 2856), (462, 2880), (492, 2949), (503, 2958), (509, 2970), (546, 3087), (561, 3135), (580, 3183),

Gene: TomBombadil_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for TomBombadil_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Tomlarah_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Tomlarah_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Toni_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Toni_2:

(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Tonitrus_13 Start: 6376, Stop: 8133, Start Num: 129
Candidate Starts for Tonitrus_13:
(Start: 129 @6376 has 4 MA's), (Start: 186 @6484 has 1 MA's), (200, 6541), (210, 6577), (221, 6622), (225, 6652), (230, 6670), (238, 6703), (241, 6712), (269, 6832), (278, 6895), (290, 6964), (291, 6973), (295, 6997), (296, 7009), (303, 7063), (309, 7099), (326, 7159), (344, 7231), (391, 7399), (395, 7408), (410, 7456), (417, 7483), (426, 7516), (467, 7621), (486, 7687), (492, 7705), (510, 7747), (511, 7750), (540, 7840), (559, 7909), (577, 7963), (583, 7975), (595, 8020), (602, 8053),

Gene: TooFast2Furius_3 Start: 797, Stop: 2584, Start Num: 83
Candidate Starts for TooFast2Furius_3:
(Start: 83 @797 has 309 MA's), (165, 956), (Start: 186 @995 has 1 MA's), (211, 1097), (221, 1136), (226, 1172), (249, 1268), (257, 1301), (275, 1388), (279, 1412), (283, 1445), (286, 1460), (291, 1487), (292, 1490), (299, 1544), (305, 1583), (312, 1625), (343, 1742), (344, 1745), (394, 1928), (412, 1988), (420, 2021), (450, 2108), (468, 2156), (522, 2303), (528, 2321), (556, 2429), (561, 2447), (569, 2471), (574, 2483), (599, 2561),

Gene: Tooj_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Tooj_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: TraderJ_6 Start: 3928, Stop: 5649, Start Num: 82
Candidate Starts for TraderJ_6:
(47, 3826), (Start: 82 @3928 has 9 MA's), (Start: 91 @3946 has 1 MA's), (Start: 127 @4009 has 5 MA's), (172, 4087), (198, 4165), (204, 4186), (219, 4243), (221, 4252), (224, 4279), (226, 4288), (230, 4300), (247, 4378), (275, 4504), (282, 4552), (296, 4639), (298, 4651), (299, 4660), (301, 4666), (304, 4696), (318, 4768), (329, 4798), (343, 4858), (455, 5221), (467, 5257), (481, 5308), (497, 5350), (522, 5398), (545, 5488), (556, 5524), (591, 5611), (599, 5629),

Gene: Tres_7 Start: 4230, Stop: 5924, Start Num: 105
Candidate Starts for Tres_7:
(Start: 101 @4224 has 6 MA's), (Start: 105 @4230 has 31 MA's), (195, 4410), (216, 4491), (224, 4542), (226, 4551), (233, 4572), (257, 4680), (260, 4692), (291, 4866), (296, 4902), (298, 4914), (299, 4923), (312, 5004), (343, 5121), (344, 5124), (365, 5199), (369, 5235), (391, 5292), (426, 5412), (438, 5442), (447, 5460), (455, 5481), (465, 5511), (467, 5517), (480, 5556), (489, 5592), (500, 5619), (522, 5661), (537, 5715), (541, 5733), (556, 5787), (585, 5859),

Gene: Triad_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Triad_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (113, 633), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: TripleJ_1 Start: 1, Stop: 1506, Start Num: 156
Candidate Starts for TripleJ_1:
(Start: 156 @1 has 9 MA's), (164, 13), (Start: 180 @34 has 1 MA's), (191, 76), (199, 100), (200, 103), (210, 142), (221, 184), (243, 292), (270, 379), (280, 424), (282, 442), (285, 463), (286, 466), (304, 586), (343, 745), (344, 748), (369, 859), (398, 934), (407, 967), (422, 1027), (431, 1060), (433, 1066), (434, 1069), (441, 1081), (451, 1108), (456, 1117), (462, 1141), (476, 1180), (484, 1213), (504, 1270), (505, 1273), (512, 1288),

Gene: True_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for True_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Trypo_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Trypo_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Twister6_5 Start: 1703, Stop: 3307, Start Num: 123
Candidate Starts for Twister6_5:
(41, 1493), (Start: 123 @1703 has 31 MA's), (Start: 144 @1751 has 1 MA's), (162, 1775), (219, 1946), (228, 1997), (235, 2018), (238, 2036), (254, 2105), (278, 2186), (281, 2201), (284, 2228), (290, 2255), (295, 2288), (299, 2321), (304, 2357), (307, 2366), (417, 2795), (426, 2837), (442, 2873), (455, 2906), (462, 2930), (492, 2999), (503, 3008), (509, 3020), (546, 3137), (561, 3185), (580, 3233),

Gene: TwoBits_2 Start: 512, Stop: 1954, Start Num: 147
Candidate Starts for TwoBits_2:
(30, 167), (35, 188), (78, 350), (126, 461), (137, 485), (Start: 147 @512 has 12 MA's), (209, 671), (215, 698), (218, 707), (220, 713), (228, 761), (237, 791), (246, 836), (265, 899), (282, 959), (291, 1010), (302, 1082), (314, 1163), (319, 1181), (345, 1259), (377, 1388), (378, 1391), (384, 1406), (397, 1436), (424, 1538), (447, 1592), (481, 1703), (491, 1736), (495, 1745), (507, 1769), (522, 1796), (532, 1829), (542, 1844), (556, 1892), (573, 1940), (574, 1943),

Gene: Twonlo_2 Start: 558, Stop: 2156, Start Num: 128
Candidate Starts for Twonlo_2:
(Start: 128 @558 has 7 MA's), (181, 642), (193, 690), (200, 714), (205, 735), (211, 759), (219, 786), (225, 825), (235, 858), (238, 876), (240, 882), (251, 936), (252, 939), (278, 1026), (284, 1068), (295, 1128), (296, 1140), (299, 1161), (307, 1206), (321, 1278), (324, 1290), (332, 1311), (346, 1386), (361, 1443), (363, 1452), (365, 1470), (367, 1482), (394, 1569), (425, 1683), (442, 1722), (462, 1779), (503, 1857), (561, 2034), (567, 2052), (581, 2085),

Gene: Tycho_2 Start: 512, Stop: 2104, Start Num: 139
Candidate Starts for Tycho_2:
(Start: 139 @512 has 42 MA's), (143, 518), (Start: 160 @545 has 12 MA's), (191, 620), (200, 650), (205, 671), (211, 695), (219, 722), (226, 767), (233, 788), (249, 863), (252, 875), (284, 1004), (296, 1076), (299, 1097), (304, 1133), (307, 1142), (324, 1226), (332, 1247), (361, 1379), (365, 1406), (367,

1418), (394, 1511), (421, 1604), (437, 1655), (454, 1694), (462, 1721), (466, 1730), (504, 1802), (509, 1811), (514, 1823), (519, 1832), (530, 1862), (534, 1877), (561, 1976), (599, 2084),

Gene: TyrionL_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for TyrionL_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Tyrumbra_3 Start: 935, Stop: 2557, Start Num: 127
Candidate Starts for Tyrumbra_3:
(Start: 127 @935 has 5 MA's), (Start: 134 @950 has 8 MA's), (164, 1007), (Start: 180 @1028 has 1 MA's), (194, 1085), (214, 1160), (221, 1196), (251, 1337), (256, 1358), (266, 1394), (286, 1478), (288, 1484), (289, 1493), (290, 1496), (369, 1862), (388, 1910), (398, 1934), (411, 1979), (428, 2051), (436, 2069), (471, 2156), (476, 2171), (481, 2198), (524, 2303), (526, 2306), (539, 2345), (544, 2366), (556, 2402), (567, 2438), (599, 2534),

Gene: UAch1_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for UAch1_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: UncleHowie_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for UncleHowie_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Usavi_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Usavi_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Vafari_2 Start: 512, Stop: 1960, Start Num: 147
Candidate Starts for Vafari_2:
(43, 233), (78, 350), (122, 455), (126, 461), (Start: 147 @512 has 12 MA's), (155, 521), (193, 617), (209, 677), (215, 704), (218, 713), (220, 719), (228, 767), (237, 797), (246, 842), (265, 905), (282, 965), (291, 1016), (299, 1073), (302, 1088), (319, 1187), (336, 1223), (345, 1265), (377, 1394), (378, 1397), (384, 1412), (397, 1442), (424, 1544), (427, 1556), (474, 1676), (481, 1709), (522, 1802), (527, 1817), (532, 1835), (542, 1850), (556, 1898), (574, 1949),

Gene: Vaishali24_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Vaishali24_2:

(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Valary_5 Start: 1809, Stop: 3422, Start Num: 119
Candidate Starts for Valary_5:
(1, 1137), (6, 1260), (12, 1365), (13, 1368), (19, 1437), (Start: 119 @1809 has 1 MA's), (Start: 123 @1815 has 31 MA's), (Start: 144 @1863 has 1 MA's), (219, 2061), (225, 2100), (235, 2133), (242, 2172), (243, 2178), (254, 2220), (278, 2301), (284, 2343), (287, 2355), (299, 2436), (307, 2481), (332, 2586), (365, 2745), (367, 2757), (394, 2844), (417, 2910), (426, 2952), (455, 3021), (462, 3045), (492, 3114), (503, 3123), (509, 3135), (539, 3225), (546, 3252), (557, 3288), (561, 3300), (572, 3330), (580, 3348),

Gene: Valjean_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Valjean_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: VanDeWege_5 Start: 1740, Stop: 3344, Start Num: 123
Candidate Starts for VanDeWege_5:
(41, 1530), (Start: 123 @1740 has 31 MA's), (Start: 144 @1788 has 1 MA's), (162, 1812), (219, 1983), (228, 2034), (235, 2055), (238, 2073), (254, 2142), (278, 2223), (281, 2238), (284, 2265), (290, 2292), (295, 2325), (299, 2358), (304, 2394), (307, 2403), (417, 2832), (426, 2874), (442, 2910), (455, 2943), (462, 2967), (492, 3036), (503, 3045), (509, 3057), (546, 3174), (561, 3222), (580, 3270),

Gene: Vaticameos_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Vaticameos_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Vectra_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Vectra_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Velene_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Velene_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Veritas_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Veritas_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Vic9_00007 Start: 4673, Stop: 6367, Start Num: 105
Candidate Starts for Vic9_00007:
(Start: 101 @4667 has 6 MA's), (Start: 105 @4673 has 31 MA's), (195, 4853), (216, 4934), (224, 4985), (226, 4994), (233, 5015), (257, 5123), (260, 5135), (291, 5309), (296, 5345), (298, 5357), (299, 5366), (312, 5447), (343, 5564), (344, 5567), (365, 5642), (369, 5678), (391, 5735), (426, 5855), (438, 5885), (447, 5903), (455, 5924), (465, 5954), (467, 5960), (480, 5999), (489, 6035), (500, 6062), (522, 6104), (537, 6158), (541, 6176), (556, 6230), (585, 6302),

Gene: VioletZ_5 Start: 3458, Stop: 5206, Start Num: 80
Candidate Starts for VioletZ_5:
(Start: 80 @3458 has 25 MA's), (113, 3518), (165, 3608), (Start: 186 @3647 has 1 MA's), (191, 3677), (196, 3689), (205, 3725), (211, 3749), (220, 3782), (221, 3788), (230, 3836), (245, 3905), (264, 3980), (275, 4040), (283, 4097), (291, 4139), (292, 4142), (299, 4196), (309, 4265), (312, 4277), (343, 4394), (344, 4397), (362, 4454), (391, 4568), (394, 4577), (419, 4664), (425, 4691), (438, 4724), (450, 4754), (455, 4763), (465, 4793), (467, 4799), (468, 4802), (480, 4838), (489, 4874), (522, 4949), (537, 5003), (541, 5021), (549, 5051), (556, 5075), (566, 5108), (568, 5114), (574, 5129), (599, 5180),

Gene: Virapocalypse_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Virapocalypse_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Virgeve_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Virgeve_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Vispistious_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Vispistious_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Vista_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Vista_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344,

1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Vivaldi_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Vivaldi_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Vortex_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Vortex_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Waleliano_5 Start: 3458, Stop: 5206, Start Num: 80
Candidate Starts for Waleliano_5:
(Start: 80 @3458 has 25 MA's), (113, 3518), (165, 3608), (Start: 186 @3647 has 1 MA's), (191, 3677), (205, 3725), (211, 3749), (220, 3782), (221, 3788), (245, 3905), (264, 3980), (275, 4040), (283, 4097), (291, 4139), (292, 4142), (299, 4196), (309, 4265), (312, 4277), (343, 4394), (344, 4397), (362, 4454), (391, 4568), (394, 4577), (419, 4664), (425, 4691), (438, 4724), (450, 4754), (455, 4763), (465, 4793), (467, 4799), (468, 4802), (480, 4838), (489, 4874), (522, 4949), (537, 5003), (541, 5021), (549, 5051), (556, 5075), (566, 5108), (568, 5114), (574, 5129), (599, 5180),

Gene: Wallhey_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Wallhey_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Wardwill_2 Start: 512, Stop: 1960, Start Num: 147
Candidate Starts for Wardwill_2:
(30, 167), (35, 188), (43, 233), (78, 350), (122, 455), (126, 461), (Start: 147 @512 has 12 MA's), (155, 521), (193, 617), (209, 677), (215, 704), (218, 713), (220, 719), (228, 767), (237, 797), (246, 842), (265, 905), (279, 941), (282, 965), (291, 1016), (302, 1088), (319, 1187), (345, 1265), (377, 1394), (378, 1397), (384, 1412), (397, 1442), (424, 1544), (474, 1676), (481, 1709), (507, 1775), (522, 1802), (532, 1835), (542, 1850), (556, 1898), (574, 1949),

Gene: Waterdiva_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Waterdiva_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Weher20_2 Start: 564, Stop: 2351, Start Num: 83

Candidate Starts for Weher20_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: West99_7 Start: 4347, Stop: 6041, Start Num: 105
Candidate Starts for West99_7:
(Start: 101 @4341 has 6 MA's), (Start: 105 @4347 has 31 MA's), (195, 4527), (216, 4608), (224, 4659), (226, 4668), (233, 4689), (257, 4797), (260, 4809), (291, 4983), (296, 5019), (298, 5031), (299, 5040), (312, 5121), (343, 5238), (344, 5241), (365, 5316), (369, 5352), (391, 5409), (426, 5529), (438, 5559), (447, 5577), (455, 5598), (465, 5628), (467, 5634), (480, 5673), (489, 5709), (500, 5736), (522, 5778), (537, 5832), (541, 5850), (556, 5904), (585, 5976),

Gene: WestPM_2 Start: 525, Stop: 1949, Start Num: 171
Candidate Starts for WestPM_2:
(Start: 171 @525 has 5 MA's), (178, 534), (209, 654), (218, 690), (238, 780), (239, 783), (252, 843), (265, 882), (282, 942), (285, 963), (287, 969), (291, 993), (299, 1050), (300, 1053), (302, 1065), (312, 1131), (319, 1158), (340, 1197), (345, 1230), (377, 1359), (378, 1362), (397, 1404), (424, 1503), (427, 1515), (443, 1551), (447, 1560), (458, 1590), (459, 1599), (463, 1608), (474, 1638), (520, 1761), (532, 1797), (535, 1809), (542, 1839), (558, 1896), (574, 1938),

Gene: WildNOut_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for WildNOut_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: WilliamStrong_2 Start: 635, Stop: 2134, Start Num: 144
Candidate Starts for WilliamStrong_2:
(Start: 144 @635 has 1 MA's), (218, 839), (237, 923), (239, 932), (254, 998), (282, 1091), (291, 1142), (297, 1181), (302, 1214), (319, 1313), (331, 1346), (337, 1361), (345, 1412), (362, 1457), (364, 1469), (384, 1559), (397, 1589), (424, 1688), (427, 1700), (431, 1709), (440, 1730), (447, 1745), (458, 1775), (459, 1784), (461, 1790), (476, 1829), (484, 1865), (532, 1982), (542, 2024), (558, 2081), (574, 2123),

Gene: Windsor_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Windsor_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: Winzigespinne_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Winzigespinne_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Wizard_5 Start: 1770, Stop: 3377, Start Num: 123

Candidate Starts for Wizard_5:
(68, 1671), (Start: 123 @1770 has 31 MA's), (Start: 144 @1818 has 1 MA's), (219, 2016), (225, 2055), (235, 2088), (242, 2127), (243, 2133), (254, 2175), (278, 2256), (284, 2298), (287, 2310), (299, 2391), (304, 2427), (307, 2436), (332, 2541), (365, 2700), (394, 2799), (417, 2865), (426, 2907), (455, 2976), (462, 3000), (492, 3069), (503, 3078), (509, 3090), (539, 3180), (546, 3207), (561, 3255), (580, 3303),

Gene: Wooper_6 Start: 3931, Stop: 5652, Start Num: 82
Candidate Starts for Wooper_6:
(47, 3829), (Start: 82 @3931 has 9 MA's), (Start: 91 @3949 has 1 MA's), (Start: 127 @4012 has 5 MA's), (172, 4090), (198, 4168), (204, 4189), (219, 4246), (221, 4255), (224, 4282), (226, 4291), (230, 4303), (247, 4381), (275, 4507), (282, 4555), (296, 4642), (298, 4654), (299, 4663), (301, 4669), (304, 4699), (318, 4771), (329, 4801), (343, 4861), (455, 5224), (467, 5260), (481, 5311), (497, 5353), (522, 5401), (545, 5491), (556, 5527), (591, 5614), (599, 5632),

Gene: Xavier_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Xavier_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Xebius_1 Start: 513, Stop: 1961, Start Num: 175
Candidate Starts for Xebius_1:
(Start: 175 @513 has 21 MA's), (Start: 180 @519 has 1 MA's), (195, 585), (205, 624), (218, 675), (239, 768), (252, 828), (282, 927), (285, 948), (291, 978), (292, 981), (299, 1035), (300, 1038), (302, 1050), (319, 1143), (362, 1287), (368, 1332), (377, 1371), (397, 1419), (424, 1515), (427, 1527), (431, 1536), (442, 1560), (447, 1572), (458, 1602), (459, 1611), (463, 1620), (495, 1725), (520, 1773), (522, 1776), (532, 1809), (542, 1851), (544, 1863), (558, 1908), (574, 1950),

Gene: Xincheng_5 Start: 3458, Stop: 5203, Start Num: 80
Candidate Starts for Xincheng_5:
(Start: 80 @3458 has 25 MA's), (113, 3518), (165, 3608), (Start: 186 @3647 has 1 MA's), (191, 3677), (196, 3689), (205, 3725), (211, 3749), (220, 3782), (221, 3788), (226, 3824), (245, 3905), (264, 3980), (275, 4040), (283, 4097), (291, 4139), (292, 4142), (299, 4196), (312, 4277), (343, 4394), (362, 4454), (391, 4568), (394, 4577), (412, 4637), (419, 4664), (425, 4691), (438, 4724), (450, 4754), (455, 4763), (465, 4793), (468, 4802), (489, 4874), (522, 4949), (537, 5003), (541, 5021), (549, 5051), (556, 5075), (566, 5108), (568, 5114), (574, 5129), (599, 5180),

Gene: Yago84_4 Start: 2457, Stop: 4196, Start Num: 76
Candidate Starts for Yago84_4:
(Start: 76 @2457 has 10 MA's), (172, 2634), (195, 2703), (219, 2790), (221, 2799), (226, 2835), (230, 2847), (298, 3198), (301, 3213), (329, 3345), (343, 3405), (357, 3447), (369, 3525), (384, 3564), (391, 3576), (395, 3588), (420, 3669), (425, 3693), (438, 3726), (467, 3801), (473, 3819), (531, 3972), (539, 4008), (548, 4041), (556, 4068), (558, 4077), (576, 4128),

Gene: Yahalom_6 Start: 2714, Stop: 4474, Start Num: 70
Candidate Starts for Yahalom_6:
(4, 2240), (7, 2273), (11, 2339), (19, 2435), (Start: 64 @2696 has 4 MA's), (Start: 70 @2714 has 34 MA's), (Start: 82 @2732 has 9 MA's), (122, 2813), (211, 3026), (220, 3056), (221, 3062), (224, 3089), (236, 3125), (253, 3209), (278, 3335), (291, 3413), (299, 3470), (303, 3503), (332, 3617), (343, 3671), (371, 3791), (379, 3812), (412, 3908), (426, 3959), (438, 3989), (439, 3992), (467, 4064), (489, 4139), (500, 4166), (504, 4175), (528, 4226), (536, 4259), (539, 4274), (543, 4286), (559, 4346), (573, 4385),

(574, 4388), (599, 4439),

Gene: Yeshua_6 Start: 3929, Stop: 5656, Start Num: 81
Candidate Starts for Yeshua_6:
(53, 3860), (60, 3878), (67, 3899), (79, 3926), (Start: 81 @3929 has 1 MA's), (Start: 91 @3953 has 1 MA's), (Start: 127 @4016 has 5 MA's), (172, 4094), (198, 4172), (204, 4193), (219, 4250), (221, 4259), (224, 4286), (226, 4295), (247, 4385), (275, 4511), (282, 4559), (296, 4646), (298, 4658), (299, 4667), (301, 4673), (304, 4703), (318, 4775), (329, 4805), (343, 4865), (455, 5228), (467, 5264), (481, 5315), (487, 5330), (497, 5357), (522, 5405), (545, 5495), (556, 5531), (591, 5618), (599, 5636),

Gene: Yeti_3 Start: 911, Stop: 2533, Start Num: 124
Candidate Starts for Yeti_3:
(34, 686), (48, 749), (55, 773), (107, 890), (Start: 124 @911 has 19 MA's), (Start: 134 @929 has 8 MA's), (135, 932), (Start: 180 @1007 has 1 MA's), (194, 1064), (221, 1175), (234, 1235), (249, 1307), (251, 1316), (256, 1337), (266, 1373), (286, 1457), (288, 1463), (289, 1472), (290, 1475), (395, 1904), (398, 1913), (444, 2063), (453, 2087), (462, 2114), (471, 2135), (476, 2150), (489, 2201), (495, 2219), (526, 2285), (539, 2324), (543, 2336), (544, 2345), (576, 2435), (592, 2477), (594, 2489),

Gene: Yinz_6 Start: 2714, Stop: 4474, Start Num: 70
Candidate Starts for Yinz_6:
(4, 2240), (7, 2273), (11, 2339), (19, 2435), (Start: 64 @2696 has 4 MA's), (Start: 70 @2714 has 34 MA's), (Start: 82 @2732 has 9 MA's), (122, 2813), (211, 3026), (220, 3056), (221, 3062), (224, 3089), (236, 3125), (253, 3209), (278, 3335), (291, 3413), (299, 3470), (303, 3503), (332, 3617), (343, 3671), (371, 3791), (379, 3812), (412, 3908), (426, 3959), (438, 3989), (439, 3992), (467, 4064), (489, 4139), (500, 4166), (504, 4175), (528, 4226), (536, 4259), (539, 4274), (543, 4286), (559, 4346), (573, 4385), (574, 4388), (599, 4439),

Gene: YorkOnyx_2 Start: 513, Stop: 2105, Start Num: 139
Candidate Starts for YorkOnyx_2:
(17, 69), (Start: 139 @513 has 42 MA's), (143, 519), (Start: 160 @546 has 12 MA's), (191, 621), (200, 651), (205, 672), (211, 696), (219, 723), (226, 768), (233, 789), (249, 864), (252, 876), (284, 1005), (296, 1077), (299, 1098), (304, 1134), (307, 1143), (324, 1227), (332, 1248), (334, 1263), (361, 1380), (365, 1407), (367, 1419), (394, 1512), (421, 1605), (437, 1656), (454, 1695), (462, 1722), (466, 1731), (504, 1803), (509, 1812), (514, 1824), (519, 1833), (530, 1863), (534, 1878), (561, 1977), (599, 2085),

Gene: Yoshand_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Yoshand_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: YouGoGlencoco_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for YouGoGlencoco_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: YuuY_2 Start: 621, Stop: 2066, Start Num: 173
Candidate Starts for YuuY_2:

(Start: 173 @621 has 7 MA's), (Start: 186 @648 has 1 MA's), (209, 747), (218, 783), (238, 873), (239, 876), (252, 936), (260, 954), (267, 981), (282, 1035), (285, 1056), (291, 1086), (297, 1125), (299, 1143), (302, 1158), (319, 1251), (345, 1350), (372, 1464), (397, 1527), (402, 1548), (424, 1620), (427, 1632), (440, 1662), (447, 1677), (458, 1707), (463, 1725), (476, 1761), (495, 1830), (522, 1881), (532, 1914), (542, 1956), (544, 1968), (558, 2013), (574, 2055),

Gene: Zada_2 Start: 522, Stop: 1922, Start Num: 166
Candidate Starts for Zada_2:
(Start: 166 @522 has 132 MA's), (209, 651), (218, 687), (238, 777), (252, 840), (282, 939), (291, 990), (299, 1047), (300, 1050), (302, 1062), (305, 1086), (312, 1128), (313, 1131), (315, 1140), (345, 1227), (364, 1284), (424, 1503), (427, 1515), (443, 1551), (447, 1560), (458, 1590), (459, 1599), (463, 1608), (481, 1671), (522, 1764), (542, 1812), (574, 1911),

Gene: Zaider_3 Start: 797, Stop: 2584, Start Num: 83
Candidate Starts for Zaider_3:
(Start: 83 @797 has 309 MA's), (165, 956), (Start: 186 @995 has 1 MA's), (211, 1097), (221, 1136), (226, 1172), (249, 1268), (257, 1301), (275, 1388), (279, 1412), (283, 1445), (286, 1460), (291, 1487), (292, 1490), (299, 1544), (305, 1583), (312, 1625), (343, 1742), (344, 1745), (394, 1928), (412, 1988), (420, 2021), (450, 2108), (468, 2156), (522, 2303), (528, 2321), (556, 2429), (561, 2447), (569, 2471), (574, 2483), (599, 2561),

Gene: Zapato_3 Start: 926, Stop: 2542, Start Num: 127
Candidate Starts for Zapato_3:
(Start: 127 @926 has 5 MA's), (Start: 134 @935 has 8 MA's), (164, 992), (Start: 180 @1013 has 1 MA's), (194, 1070), (221, 1181), (251, 1322), (286, 1463), (288, 1469), (289, 1478), (290, 1481), (347, 1733), (369, 1847), (398, 1919), (428, 2036), (436, 2054), (476, 2156), (481, 2183), (524, 2288), (526, 2291), (539, 2330), (544, 2351), (567, 2423), (573, 2435),

Gene: Zayuliv_2 Start: 512, Stop: 1960, Start Num: 147
Candidate Starts for Zayuliv_2:
(30, 167), (35, 188), (43, 233), (78, 350), (122, 455), (126, 461), (Start: 147 @512 has 12 MA's), (155, 521), (193, 617), (209, 677), (215, 704), (218, 713), (220, 719), (228, 767), (237, 797), (246, 842), (265, 905), (279, 941), (282, 965), (291, 1016), (302, 1088), (314, 1169), (319, 1187), (345, 1265), (377, 1394), (378, 1397), (384, 1412), (397, 1442), (424, 1544), (460, 1640), (474, 1676), (481, 1709), (507, 1775), (522, 1802), (532, 1835), (542, 1850), (556, 1898), (574, 1949),

Gene: Zelda_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Zelda_2:
(26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (561, 2214), (569, 2238), (574, 2250), (599, 2328),

Gene: Zemanar_5 Start: 3458, Stop: 5206, Start Num: 80
Candidate Starts for Zemanar_5:
(Start: 80 @3458 has 25 MA's), (113, 3518), (165, 3608), (Start: 186 @3647 has 1 MA's), (191, 3677), (196, 3689), (205, 3725), (211, 3749), (220, 3782), (221, 3788), (230, 3836), (245, 3905), (264, 3980), (275, 4040), (283, 4097), (291, 4139), (292, 4142), (299, 4196), (309, 4265), (312, 4277), (343, 4394), (362, 4454), (391, 4568), (394, 4577), (419, 4664), (425, 4691), (438, 4724), (450, 4754), (455, 4763), (465, 4793), (467, 4799), (468, 4802), (480, 4838), (489, 4874), (522, 4949), (537, 5003), (541, 5021), (549, 5051), (556, 5075), (566, 5108), (568, 5114), (574, 5129), (599, 5180),

Gene: Zenitsu_2 Start: 513, Stop: 1961, Start Num: 175
Candidate Starts for Zenitsu_2:
(Start: 175 @513 has 21 MA's), (195, 585), (205, 624), (218, 675), (252, 828), (282, 927), (291, 978), (292, 981), (299, 1035), (300, 1038), (302, 1050), (319, 1143), (345, 1242), (362, 1287), (377, 1371), (397, 1419), (424, 1515), (427, 1527), (431, 1536), (442, 1560), (458, 1602), (459, 1611), (463, 1620), (495, 1725), (520, 1773), (522, 1776), (532, 1809), (542, 1851), (544, 1863), (558, 1908), (574, 1950),

Gene: Zenteno07_8 Start: 2057, Stop: 3829, Start Num: 73
Candidate Starts for Zenteno07_8:
(Start: 73 @2057 has 3 MA's), (Start: 160 @2213 has 12 MA's), (165, 2222), (167, 2225), (Start: 186 @2261 has 1 MA's), (221, 2402), (266, 2603), (274, 2645), (283, 2711), (305, 2849), (309, 2879), (343, 3008), (394, 3191), (412, 3251), (415, 3260), (416, 3263), (450, 3371), (480, 3455), (522, 3566), (537, 3620), (556, 3692), (566, 3725), (569, 3734), (574, 3746), (599, 3809),

Gene: Zepp_2 Start: 512, Stop: 1960, Start Num: 147
Candidate Starts for Zepp_2:
(30, 167), (35, 188), (43, 233), (44, 236), (78, 350), (122, 455), (126, 461), (Start: 147 @512 has 12 MA's), (155, 521), (193, 617), (209, 677), (215, 704), (218, 713), (220, 719), (228, 767), (237, 797), (246, 842), (265, 905), (279, 941), (282, 965), (291, 1016), (302, 1088), (319, 1187), (345, 1265), (377, 1394), (378, 1397), (384, 1412), (397, 1442), (399, 1451), (424, 1544), (474, 1676), (481, 1709), (507, 1775), (522, 1802), (532, 1835), (542, 1850), (556, 1898), (574, 1949),

Gene: Zitch_1 Start: 491, Stop: 2155, Start Num: 129
Candidate Starts for Zitch_1:
(Start: 129 @491 has 4 MA's), (Start: 144 @530 has 1 MA's), (Start: 180 @581 has 1 MA's), (205, 677), (211, 701), (219, 728), (225, 767), (240, 824), (249, 869), (259, 908), (278, 968), (284, 1010), (296, 1082), (299, 1103), (304, 1139), (307, 1148), (321, 1220), (324, 1232), (332, 1253), (348, 1334), (361, 1415), (365, 1442), (394, 1541), (425, 1655), (437, 1685), (450, 1718), (462, 1751), (475, 1787), (487, 1826), (504, 1856), (509, 1865), (519, 1886), (546, 1982), (567, 2048),

Gene: Zonia_2 Start: 564, Stop: 2351, Start Num: 83
Candidate Starts for Zonia_2:
(16, 252), (26, 360), (32, 387), (42, 435), (Start: 83 @564 has 309 MA's), (165, 723), (Start: 186 @762 has 1 MA's), (211, 864), (221, 903), (226, 939), (249, 1035), (257, 1068), (275, 1155), (279, 1179), (283, 1212), (286, 1227), (291, 1254), (292, 1257), (299, 1311), (305, 1350), (312, 1392), (343, 1509), (344, 1512), (394, 1695), (412, 1755), (420, 1788), (450, 1875), (468, 1923), (522, 2070), (528, 2088), (556, 2196), (569, 2238), (574, 2250), (599, 2328),

Gene: pZL12_67c Start: 56094, Stop: 54634, Start Num: 164
Candidate Starts for pZL12_67c:
(Start: 112 @56199 has 1 MA's), (164, 56094), (184, 56061), (Start: 186 @56055 has 1 MA's), (205, 55983), (209, 55971), (217, 55941), (219, 55932), (239, 55839), (278, 55674), (462, 54966), (493, 54897), (505, 54885), (544, 54774), (554, 54753), (561, 54723),