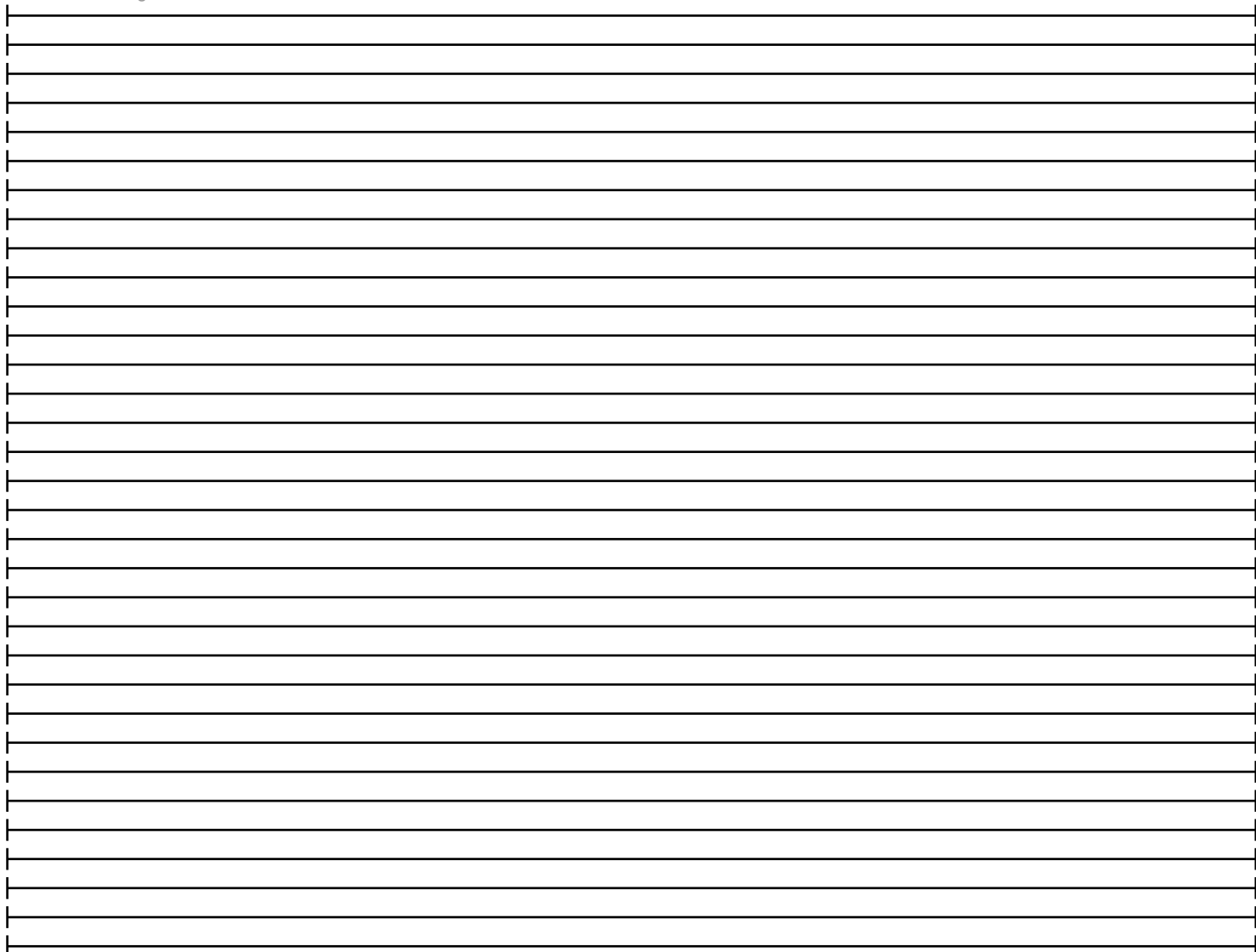
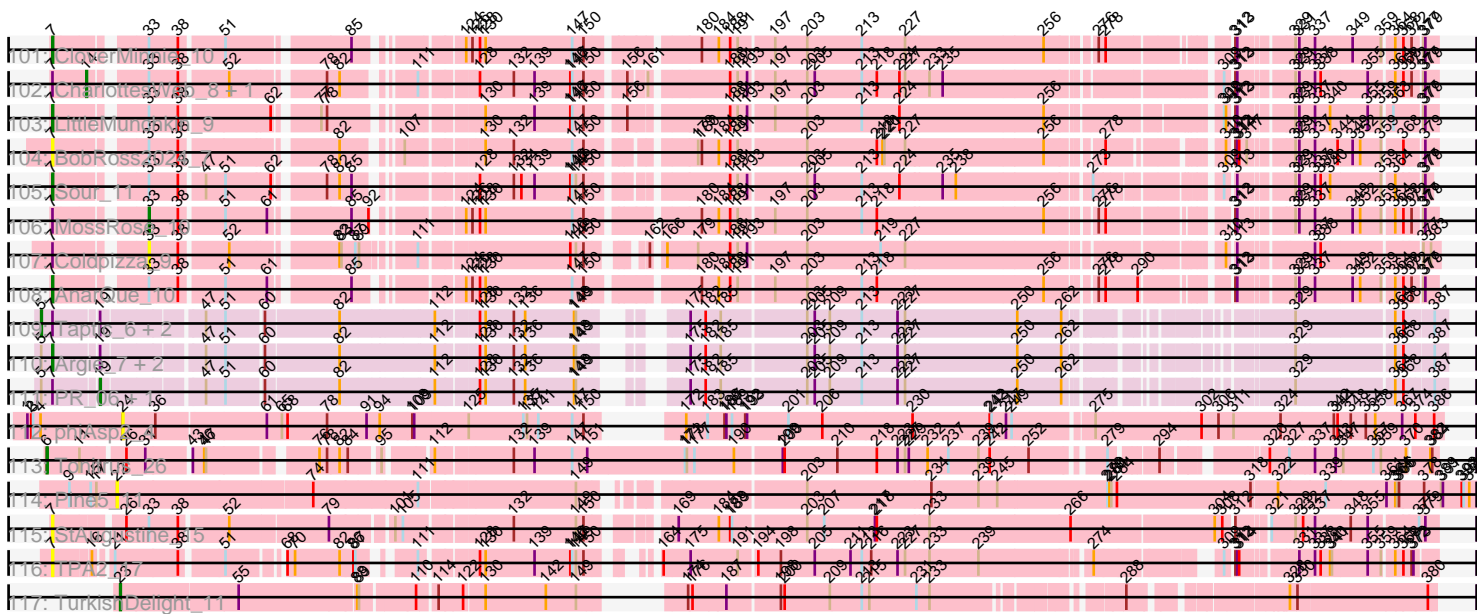


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51: 2:Amil_9	51	72	82	109	132	148	167	191	198	203	301	306	321	336	351	365
52: 2:Amshvivi_6	51	72	82	109	132	148	167	191	198	203	301	306	321	336	351	365
53: 2:Amelano_6	51	72	82	109	132	148	167	191	198	203	301	306	321	336	351	365
54: 2:Amstete_6	51	72	82	109	132	148	167	191	198	203	301	306	321	336	351	365
55: 2:Amwiger_6	51	72	82	109	132	148	167	191	198	203	301	306	321	336	351	365
56: 2:Amaw_9	53	59	73	110	130	149	161	194	201	210	238	290	304	314	328	348
57: 2:AmDog_10	53	73	83	110	130	149	161	194	201	210	238	290	304	314	328	348
58: 2:Amasumaf_6 (+)	53	73	83	110	130	149	161	194	201	210	238	290	304	314	328	348
59: 2:Amch_150	53	73	83	110	130	149	161	194	201	210	238	290	304	314	328	348
60: 2:AmJefery_6	58	88	88	114	134	139	149	188	199	201	211	239	291	305	319	339
61: 2:AmIemich_6	58	88	88	114	134	139	149	188	199	201	211	239	291	305	319	339
62: 2:AmheShah_6	58	88	88	114	134	139	149	188	199	201	211	239	291	305	319	339
63: 2:AmAdrian_10	58	88	88	114	134	139	149	188	199	201	211	239	291	305	319	339
64: 2:AmAee_10	58	88	88	114	134	139	149	188	199	201	211	239	291	305	319	339
65: 2:Amrendipitous_6	58	88	88	114	134	139	149	188	199	201	211	239	291	305	319	339
66: 2:AmstView_50	58	88	88	114	134	139	149	188	199	201	211	239	291	305	319	339
67: 2:AmBC_10	58	88	88	114	134	139	149	188	199	201	211	239	291	305	319	339
68: 2:AmyaCh_6	58	88	88	114	134	139	149	188	199	201	211	239	291	305	319	339
69: 2:Amasp_10	58	88	88	114	134	139	149	188	199	201	211	239	291	305	319	339
70: 2:AmDie_107	51	58	90	103	104	109	116	130	133	139	149	159	161	161	161	161
71: 2:AmZagu_6	51	58	90	103	104	109	116	130	133	139	149	159	161	161	161	161
72: 2:Amonito_7	51	58	90	103	104	109	116	130	133	139	149	159	161	161	161	161
73: 2:AmGuim_16	51	58	90	103	104	109	116	130	133	139	149	159	161	161	161	161
74: 2:AmKnocker_6	51	58	90	103	104	109	116	130	133	139	149	159	161	161	161	161
75: 2:AmQuesada_1	51	58	90	103	104	109	116	130	133	139	149	159	161	161	161	161
76: 2:AmUnized_6	51	58	90	103	104	109	116	130	133	139	149	159	161	161	161	161
77: 2:AmRB2_11	41	51	68	76	97	110	123	130	132	139	149	159	161	161	161	161
78: 2:AmRinkes_6	41	51	68	76	97	110	123	130	132	139	149	159	161	161	161	161
79: 2:AmMain_10_2	41	51	68	76	97	110	123	130	132	139	149	159	161	161	161	161
80: 2:AmTP1604_60	41	51	68	76	97	110	123	130	132	139	149	159	161	161	161	161
81: 2:AmMischer_6	41	51	68	76	97	110	123	130	132	139	149	159	161	161	161	161
82: 2:AmAsis_10	41	51	68	76	97	110	123	130	132	139	149	159	161	161	161	161
83: 2:AmXkcd42_61	41	51	68	76	97	110	123	130	132	139	149	159	161	161	161	161
84: 2:AmAbt2gracsatex2_6	41	51	68	76	97	110	123	130	132	139	149	159	161	161	161	161
85: 2:AmYDNT2_65	41	51	68	76	97	110	123	130	132	139	149	159	161	161	161	161
86: 2:AmRainyPolsa_10	41	51	68	76	97	110	123	130	132	139	149	159	161	161	161	161
87: 2:AmBateGmMac_10	41	51	68	76	97	110	123	130	132	139	149	159	161	161	161	161
88: 2:AmBilomon_142 (+)	41	51	68	76	97	110	123	130	132	139	149	159	161	161	161	161
89: 2:AmGiacz_6	41	51	68	76	97	110	123	130	132	139	149	159	161	161	161	161
90: 2:AmGill_6	41	51	68	76	97	110	123	130	132	139	149	159	161	161	161	161
91: 2:AmGoss_37	41	51	68	76	97	110	123	130	132	139	149	159	161	161	161	161
92: 2:AmWopper_11	41	51	68	76	97	110	123	130	132	139	149	159	161	161	161	161
93: 2:AmZhafer_8	41	51	68	76	97	110	123	130	132	139	149	159	161	161	161	161
94: 2:AmIvaai_9	41	51	68	76	97	110	123	130	132	139	149	159	161	161	161	161
95: 2:AmDais_10	41	51	68	76	97	110	123	130	132	139	149	159	161	161	161	161
96: 2:AmDigma_8	41	51	68	76	97	110	123	130	132	139	149	159	161	161	161	161
97: 2:AmJago84_7	41	51	68	76	97	110	123	130	132	139	149	159	161	161	161	161
98: 2:AmIakovian_10	41	51	68	76	97	110	123	130	132	139	149	159	161	161	161	161
99: 2:AmNagos_6	41	51	68	76	97	110	123	130	132	139	149	159	161	161	161	161
100: 2:AmBigglyBass_7	41	51	68	76	97	110	123	130	132	139	149	159	161	161	161	161

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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 190932 Report

This analysis was run 11/02/24 on database version 579.

Pham number 190932 has 488 members, 54 are drafts.

Phages represented in each track:

- Track 1 : Mao1_6, Mask_7
- Track 2 : Sejanus_7, Dori_7
- Track 3 : Struggle_8, MelsMeow_8, Mag7_8, Veritas_8, MichaelPhcott_8, PhrankReynolds_8, Wallhey_8, Labeouficaum_8, Phleuron_8, Oline_8, Derpp_8, PhenghisKhan_8, DuchessDung_8, Ashraf_8, BatteryCK_8, ImtiyazSitla_8, CharlieGBrown_8, Pinkman_8, Maskar_8, TyrionL_8, Kailash_8, Kwksand96_8, Phergie_8
- Track 4 : Virgeve_8, Selr12_8, Morty_8, Orion_8, HenryJackson_8, Weher20_8, Colbert_8, Vaishali24_8, Eugenia_8, Childish_8, Yoshand_8, Skippy_8, Adriana_8, Kloppinator_8, Robyn_8, EmpTee_8, LemonSlice_8, Legolas_8, Puhltonio_8, Buckeye_8, Pops_8, DoesntMatter_8, ThreeOh3D2_8, ProfessorX_8, DonSanchon_8, PhrodoBaggins_8, Riggan_8, ShiVal_8, Matalotodo_8, Serendipity_8, Craff_8, Newman_8, Grand2040_8, True_8, Timmi_8, Surely_8, Kimbrough_8, Haimas_8, Oosterbaan_8, Spartan300_8, Megatron_8, Aelin_8, Iridoclysis_8, Burr_8, DirtJuice_8, Mana_8, Valjean_8, Usavi_8, Thora_8, SilverBell_8, Suffolk_8, Hetaeria_8, TomBombadil_8, Zaider_9, Inchworm_8, Cobra_8, Boehler_8, Placalicious_8, KingTut_8, Hamish_8, FluffyNinja_8, Lulwa_8, Badfish_8, Gyarad_008, Xavier_8, TallGrassMM_8, RedMaple_8, Prickles_8, Pipsqueak_8, Lopsy_8, UncleHowie_8, Simielle_8, Squiggle_8, Vista_8, BlackStallion_8, Cosmolli16_8, Solosis_8, Potter_8, Fang_8, Sigman_8, AbsoluteMadLad_8, HSavage_8, LeeLot_8, Tooj_8, Altwerkus_8, Emiris_8, Freya_8, OliverWalter_8, Hartsy_8, Eremos_8, KlimbOn_8, Nicole21_8, Andre_8, ABU_8, LasagnaCat_8, Kahve_8, YouGoGlencoco_8, MRabcd_8, IsaacEli_8, Toni_8, QueenBeane_8, Mutante_8, Omniscient_8, CampRoach_8, Frankicide_8, Apizium_8, Virapocalypse_8, SassyCat97_8, FugateOSU_8, Piglet_008, Charles1_8, Nacho_008, Mesh1_8, JangoPhett_8, Olak_8, Banjo_8, Nyala_8, Antonia_8, Dice_8, Scoot17C_8, FriarPreacher_8, LostAndPhound_8, Kikipoo_8, Lego3393_8, HighStump_8, PG1_8, Vortex_8, Mulan_8, PinheadLarry_8, Mecca_8, Mosaic_8, Pherdinand_8, Chorkpop_8, JacAttac_8, Phunky_8, Bluephacebaby_8, Gareth_8, Hertubise_8, Serpentine_008, Phamished_8, Samaymay_8, CamL_8, Phareon_8, Telesworld_8, Maru_8, Jillium_8, Magic8_8, Cannibal_8, Vaticameos_8, Fringe_8, Podrick_8, Ricotta_8, Dati_8, UAch1_8, Quisquilliae_8, Waterdiva_8, Manad_8, Murdoc_8, Lasso_8, Daka_8, Cher_8, Cornobble_8, Morgushi_8, Zelda_8, Kwadwo_8, Squid_8, PhatCats2014_8, Slatt_8, Beaglebox_8, Chah_8, Vivaldi_8, Mcshane_8, Numberten_8, Tomlarah_8
- Track 5 : Fozzie_8, Brilliant_8, Plmatters_8, Chunky_8, DaddyDaniels_8, KingVeVeVe_8, Lumine_8, Roliet_8, Melc17_8, Lulumae_8, MitKao_8, Roy17_8,

Held_8, Crownjwl_9, Phipps_8, Longacauda_8, JakeO_8, Etaye_8, Soile_8, Durga_8, Soto_8, Jiminy_8, Daffy_8, JDog_8, AltPhacts_8, Dione_8, Roscoe_9, KLucky39_8, GeneCoco_8, Pacifista_8, DelRivs_8, Doddsville_8, Zonia_8, Haleema_8, Scrick_8, OSmaximus_8, Duggie_8, Giraffe_8, SDcharge11_8, Harvey_8, Sheila_8, Dingo_8, MiniBoss_8, PhatLouie_8, Mikota_8, Orfeu_8, LuckyMarjie_8, Horchata_8, BlueHusk_8

- Track 6 : Swish_8, Sophia_8
- Track 7 : Windsor_8, Trypo_8, Chaelin_8
- Track 8 : LeiMonet_8, Basato_9, MrPhizzler_8, Swiphy_8, Coletti_8, Jiraiya_8, Thunderbird_8, Chute_8
- Track 9 : Inverness_8, Orwigg_9, Bishoperium_8, Olive_8, Megamind20_9, Anderson_8
- Track 10 : Gophee_8, Katniss_8, CheetO_8, Schueller_8
- Track 11 : Schadenfreude_8
- Track 12 : Hocus_8
- Track 13 : Carthage_8
- Track 14 : Keitherie_8
- Track 15 : Gwilliam_9
- Track 16 : Rimu_8
- Track 17 : Imvubu_5
- Track 18 : Indlovu_9
- Track 19 : LilMcDreamy_10
- Track 20 : Zenteno07_13
- Track 21 : BirdsNest_12
- Track 22 : Hashim76_13
- Track 23 : Boyle_12, Glass_12
- Track 24 : Arbiter_12
- Track 25 : Kheth_12, Ares_12, Eaglehorse_12, Lephleur_12, FrenchFry_12, Calamitous_12, Blocker23_12, LizLemon_12, Rhinoforte_12, Faze9_12, Lars_12, Kaleb_12, Brownie5_12, Rosebush_12, Tinciduntolum_13, West99_12, Qyrzula_12, Opia_12, Sabella_12, MasterPo_12, Bananafish_12, Hedgerow_12, Coffee_12
- Track 26 : ItsyBitsy1_12, Phantasmagoria_12, Tres_12, Godines_12, Allegro_12, Holeinone_12
- Track 27 : TA17A_12
- Track 28 : Laurie_12
- Track 29 : Vic9_13
- Track 30 : Chandler_11, Yinz_11, Jackstina_10, Compostia_11, Neos5_11, Corofin_11, Baloo_11, Halfpint_10, Daisy_11, Athena_12, RomaT_11, Nozo_11, ChaChing_11, Philly_10, Yahalom_11, Casbah_10, Kamiyu_11, OrangeOswald_11, Tydolla_11, Abinghost_11, Gadget_12, Devonte_11, MmasiCarm_11
- Track 31 : SynergyX_11, RagingRooster_11, Deenasa_11
- Track 32 : GlenHope_12, Audrey_11, HarveySr_11, Ben11_10, Briakila_11, Gervas_11, Rita1961_11, Phaedrus_10, Morty007_11, Heathcliff_11, Marley1013_11, Phlyer_11, SlippinJimmy_11, Phayeta_11
- Track 33 : Pipefish_11, Bernardo_11, Kronus_10, Mortcellus_10, Akoma_11, LestyG_11, Obutu_11
- Track 34 : JAMaL_8
- Track 35 : Apex_8, Mudslide_9, Prince_9
- Track 36 : Fortunato_9
- Track 37 : VioletZ_9, Heath_9
- Track 38 : Antihero_8, Lambano_8, Epah_8, Poster_8, Hally898_8, Nanao_8
- Track 39 : Cooper_9
- Track 40 : Ahwei_8

- Track 41 : Stinger_7
- Track 42 : Nigel_7
- Track 43 : Zemanar_10, Lolalove_9, BobbyK_9, Hangman_9, Hydro_9
- Track 44 : AlanGrant_10, Vincenzo_10
- Track 45 : Magpie_9
- Track 46 : QueenPie_9
- Track 47 : Xincheng_9
- Track 48 : GinPorsche_8
- Track 49 : JaguarMi_10
- Track 50 : Frederick_9
- Track 51 : Mithril_9
- Track 52 : ChrisnMich_8
- Track 53 : Waleliano_9, BrownCNA_10
- Track 54 : Austelle_9
- Track 55 : RawrgerThat_9
- Track 56 : Fanaw_9
- Track 57 : DigitDog_10, Shenyu_10, Nangang_10
- Track 58 : KarasumaRum_11, StinkyVeggy_11
- Track 59 : Rich_10
- Track 60 : SirJeffery_10, Donny_10, Suigeneris_10
- Track 61 : Phelemich_10, Reprobate_10
- Track 62 : Nehemiah_9, Mysterious_10
- Track 63 : Acadian_10
- Track 64 : Bae_10
- Track 65 : Serendipitous_10
- Track 66 : EastView9101_10
- Track 67 : 40BC_07, 39HC_07
- Track 68 : KayaCho_7
- Track 69 : Hosp_05
- Track 70 : Jolie1_07
- Track 71 : Saguaro_11
- Track 72 : Thonko_7
- Track 73 : PenguinLover67_12
- Track 74 : Knocker_14
- Track 75 : Quesadilla_11
- Track 76 : Funsized_14
- Track 77 : CRB2_11
- Track 78 : Rinkes_13
- Track 79 : Maih_10, Salete_10, BayC_10
- Track 80 : TP1604_10
- Track 81 : Mischief19_11
- Track 82 : Asis_10
- Track 83 : Xkcd426_11
- Track 84 : Abt2graduatex2_10
- Track 85 : YDN12_11
- Track 86 : RainyPolka_10
- Track 87 : BabyGotBac_10
- Track 88 : Jollymon_42, ColdSoup_42
- Track 89 : Clawz_41
- Track 90 : Sting_40, KingstonB_41
- Track 91 : Soos_37, DonTron_41
- Track 92 : Wooper_10
- Track 93 : Shatter_8, Fresco_8, Axumite_8

- Track 94 : Evaa_9
- Track 95 : CaiB_10
- Track 96 : Ligma_8
- Track 97 : Yago84_7, Sisko_7, AnClar_7
- Track 98 : MakoManhole_10
- Track 99 : NHagos_8
- Track 100 : BiggityBass_7
- Track 101 : CloverMinnie_10
- Track 102 : CharlottesWeb_8, Mariokart_8
- Track 103 : LittleMunchkin_9
- Track 104 : BobRoss2024_7
- Track 105 : Sour_11
- Track 106 : MossRose_10
- Track 107 : Coldpizza_9
- Track 108 : AnarQue_10
- Track 109 : Taptic_6, Jeon_6, Megabear_6
- Track 110 : Argie_7, GodPhather_7, Cepens_6
- Track 111 : PR_06, D12_06
- Track 112 : phiAsp2_4
- Track 113 : Tonitrus_26
- Track 114 : Pine5_11
- Track 115 : StAugustine_15
- Track 116 : TPA2_17
- Track 117 : TurkishDelight_11

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

The start number called the most often in the published annotations is 7, it was called in 396 of the 434 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- 39HC_07, 40BC_07, ABU_8, Abinghost_11, AbsoluteMadLad_8, Acadian_10, Adriana_8, Aelin_8, Ahwei_8, Akoma_11, AlanGrant_10, Allegro_12, AltPhacts_8, Altwerkus_8, AnClar_7, AnarQue_10, Andre_8, Antihero_8, Antonia_8, Apex_8, Apizium_8, Arbiter_12, Ares_12, Argie_7, Ashraf_8, Athena_12, Audrey_11, Austelle_9, Axumite_8, Badfish_8, Bae_10, Baloo_11, Bananafish_12, Banjo_8, BatteryCK_8, Beaglebox_8, Ben11_10, Bernardo_11, BiggityBass_7, BirdsNest_12, BlackStallion_8, Blocker23_12, BlueHusk_8, Bluephacebaby_8, BobRoss2024_7, BobbyK_9, Bohler_8, Boyle_12, Briakila_11, Brilliant_8, BrownCNA_10, Brownie5_12, Buckeye_8, Burr_8, CRB2_11, Calamitous_12, CamL_8, CampRoach_8, Cannibal_8, Carthage_8, Casbah_10, Cepens_6, ChaChing_11, Chaelin_8, Chah_8, Chandler_11, Charles1_8, CharlieGBrown_8, Cher_8, Childish_8, Chorkpop_8, ChrisnMich_8, Chunky_8, CloverMinnie_10, Cobra_8, Coffee_12, Colbert_8, Compostia_11, Cooper_9, Cornobble_8, Corofin_11, Cosmolli16_8, Craff_8, Crownjwl_9, DaddyDaniels_8, Daffy_8, Daisy_11, Daka_8, Dati_8, Deenasa_11, DeRivs_8, Derpp_8, Devonte_11, Dice_8, DigitDog_10, Dingo_8, Dione_8, DirtJuice_8, Doddsville_8, DoesntMatter_8, DonSanchon_8, Donny_10, DuchessDung_8, Duggie_8, Durga_8, Eaglehorse_12, EastView9101_10, Emiris_8, EmpTee_8, Epah_8, Eremos_8, Etaye_8, Eugenia_8, Evaa_9, Fang_8, Faze9_12, FluffyNinja_8, Fortunato_9, Fozzie_8, Frankicide_8, Frederick_9,

FrenchFry_12, Fresco_8, Freya_8, FriarPreacher_8, Fringe_8, FugateOSU_8, Funsized_14, Gadget_12, Gareth_8, GeneCoco_8, Gervas_11, GinPorsche_8, Giraffe_8, Glass_12, GlenHope_12, GodPhather_7, Godines_12, Grand2040_8, Gyarad_008, HSavage_8, Haimas_8, Haleema_8, Halfpint_10, Hally898_8, Hamish_8, Hangman_9, Hartsy_8, HarveySr_11, Harvey_8, Hashim76_13, Heath_9, Heathcliff_11, Hedgerow_12, Held_8, HenryJackson_8, Hertubise_8, Hetaeria_8, HighStump_8, Hocus_8, Holeinone_12, Horchata_8, Hosp_05, Hydro_9, ImtiyazSitla_8, Imvubu_5, Inchworm_8, Indlovu_9, Iridoclysis_8, IsaacEli_8, ItsyBitsy1_12, JAMaL_8, JDog_8, JacAttac_8, Jackstina_10, JaguarMi_10, JakeO_8, JangoPhett_8, Jillium_8, Jiminy_8, Jolie1_07, KLUcky39_8, Kahve_8, Kailash_8, Kaleb_12, Kamiyu_11, KarasumaRum_11, KayaCho_7, Keitherie_8, Kheth_12, Kikipoo_8, Kimbrough_8, KingTut_8, KingVeVeVe_8, KlimbOn_8, Kloppinator_8, Knocker_14, Kronus_10, Kwadwo_8, Kwksand96_8, Labeouficaum_8, Lambano_8, Lars_12, LasagnaCat_8, Lasso_8, Laurie_12, LeeLot_8, Lego3393_8, Legolas_8, LemonSlice_8, Lephleur_12, LestyG_11, LilMcDreamy_10, LittleMunchkin_9, LizLemon_12, Lolalove_9, Longacauda_8, Lopsy_8, LostAndPhound_8, LuckyMarjie_8, Lulumae_8, Lulwa_8, Lumine_8, MRabcd_8, Mag7_8, Magic8_8, Magpie_9, MakoManhole_10, Mana_8, Manad_8, Marley1013_11, Maru_8, Maskar_8, MasterPo_12, Matalotodo_8, Mcshane_8, Mecca_8, Megatron_8, Melc17_8, MelsMeow_8, Mesh1_8, MichaelPhcott_8, Mikota_8, MiniBoss_8, MitKao_8, Mithril_9, MmasiCarm_11, Morgushi_8, Mortcellus_10, Morty007_11, Morty_8, Mosaic_8, Mudslide_9, Mulan_8, Murdoc_8, Mutante_8, Mysterious_10, NHagos_8, Nacho_008, Nanao_8, Nangang_10, Nehemiah_9, Neos5_11, Newman_8, Nicole21_8, Nigel_7, Nozo_11, Numberten_8, Nyala_8, OSmaximus_8, Obutu_11, Olak_8, Oline_8, OliverWalter_8, Omniscient_8, Oosterbaan_8, Opia_12, OrangeOswald_11, Orfeu_8, Orion_8, PG1_8, Pacifista_8, PenguinLover67_12, Phaedrus_10, Phamished_8, Phantasmagoria_12, Phareon_8, PhatCats2014_8, PhatLouie_8, Phayeta_11, Phelemich_10, PhenghisKhan_8, Pherdinand_8, Phergie_8, Philly_10, Phipps_8, Phleuron_8, Phiyer_11, PhrankReynolds_8, PhrodoBaggins_8, Phunky_8, Piglet_008, PinheadLarry_8, Pinkman_8, Pipefish_11, Pipsqueak_8, Placalicious_8, Plmatters_8, Podrick_8, Pops_8, Poster_8, Potter_8, Prickles_8, Prince_9, ProfessorX_8, Puhltonio_8, QueenBeane_8, QueenPie_9, Quesadilla_11, Quisquilliae_8, Qyrzula_12, RagingRooster_11, RedMaple_8, Reprobate_10, Rhinoforte_12, Rich_10, Ricotta_8, Riggan_8, Rinkes_13, Rita1961_11, Robyn_8, Roliet_8, RomaT_11, Roscoe_9, Rosebush_12, Roy17_8, SDcharge11_8, Sabella_12, Saguaro_11, Samaymay_8, SassyCat97_8, Schadenfreude_8, Scoot17C_8, Scrick_8, Selr12_8, Serendipitous_10, Serendipity_8, Serpentine_008, Shatter_8, Sheila_8, Shenyu_10, ShiVal_8, Sigman_8, SilverBell_8, Simielle_8, SirJeffery_10, Sisko_7, Skippy_8, Slatt_8, SlippinJimmy_11, Soile_8, Solosis_8, Sophia_8, Soto_8, Sour_11, Spartan300_8, Squid_8, Squiggle_8, StAugustine_15, Stinger_7, StinkyVeggy_11, Struggle_8, Suffolk_8, Suigeneris_10, Surely_8, Swish_8, SynergyX_11, TA17A_12, TPA2_17, TallGrassMM_8, Telesworld_8, Thonko_7, Thora_8, ThreeOh3D2_8, Timmi_8, Tinciduntolum_13, TomBombadil_8, Tomlarah_8, Toni_8, Tooj_8, Tres_12, True_8, Trypo_8, Tydolla_11, TyrionL_8, UAch1_8, UncleHowie_8, Usavi_8, Vaishali24_8, Valjean_8, Vaticameos_8, Veritas_8, Vic9_13, Vincenzo_10, VioletZ_9, Virapocalypse_8, Virgeve_8, Vista_8, Vivaldi_8, Vortex_8, Waleliano_9, Wallhey_8, Waterdiva_8, Weher20_8, West99_12, Windsor_8, Wooper_10, Xavier_8, Yago84_7, Yahalom_11, Yinz_11, Yoshand_8, YouGoGlencoco_8, Zaider_9, Zelda_8, Zemanar_10, Zenteno07_13, Zonia_8,

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

- Anderson_8, Basato_9, Bishoperium_8, CaiB_10, CharlottesWeb_8, CheetO_8, Chute_8, Coldpizza_9, Coletti_8, D12_06, Dori_7, Fanaw_9, Gophee_8, Gwilliam_9, Inverness_8, Jeon_6, Jiraiya_8, Katniss_8, LeiMonet_8, Ligma_8, Mao1_6, Mariokart_8, Mask_7, Megabear_6, Megamind20_9, MossRose_10, MrPhizzler_8, Olive_8, Orwigg_9, PR_06, RawrgerThat_9, Rimu_8, Schueller_8, Sejanus_7, Swiphy_8, Taptic_6, Thunderbird_8, Xincheng_9,

Genes that do not have the "Most Annotated" start:

- Abt2graduatex2_10, Asis_10, BabyGotBac_10, BayC_10, Clawz_41, ColdSoup_42, DonTron_41, Jollymon_42, KingstonB_41, Maih_10, Mischief19_11, Pine5_11, RainyPolka_10, Salete_10, Soos_37, Sting_40, TP1604_10, Tonitrus_26, TurkishDelight_11, Xkcd426_11, YDN12_11, phiAsp2_4,

Summary by start number:

Start 5:

- Found in 12 of 488 (2.5%) of genes in pham
- Manual Annotations of this start: 7 of 434
- Called 58.3% of time when present
- Phage (with cluster) where this start called: Dori_7 (AD), Jeon_6 (W), Mao1_6 (AD), Mask_7 (AD), Megabear_6 (W), Sejanus_7 (AD), Taptic_6 (W),

Start 6:

- Found in 8 of 488 (1.6%) of genes in pham
- Manual Annotations of this start: 4 of 434
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Clawz_41 (CP), ColdSoup_42 (CP), DonTron_41 (CP), Jollymon_42 (CP), KingstonB_41 (CP), Soos_37 (CP), Sting_40 (CP), Tonitrus_26 (singleton),

Start 7:

- Found in 466 of 488 (95.5%) of genes in pham
- Manual Annotations of this start: 396 of 434
- Called 91.8% of time when present
- Phage (with cluster) where this start called: 39HC_07 (B6), 40BC_07 (B6), ABU_8 (B1), Abinghost_11 (B3), AbsoluteMadLad_8 (B1), Acadian_10 (B5), Adriana_8 (B1), Aelin_8 (B1), Ahwei_8 (B4), Akoma_11 (B3), AlanGrant_10 (B4), Allegro_12 (B2), AltPhacts_8 (B1), Altwerkus_8 (B1), AnClar_7 (DR), AnarQue_10 (DR), Andre_8 (B1), Antihero_8 (B4), Antonia_8 (B1), Apex_8 (B4), Apizium_8 (B1), Arbitr_12 (B2), Ares_12 (B2), Argie_7 (W), Ashraf_8 (B1), Athena_12 (B3), Audrey_11 (B3), Austelle_9 (B4), Axumite_8 (DR), Badfish_8 (B1), Bae_10 (B5), Baloo_11 (B3), Bananafish_12 (B2), Banjo_8 (B1), BatteryCK_8 (B1), Beaglebox_8 (B1), Ben11_10 (B3), Bernardo_11 (B3), BiggityBass_7 (DR), BirdsNest_12 (B13), BlackStallion_8 (B1), Blocker23_12 (B2), BlueHusk_8 (B1), Bluephacebaby_8 (B1), BobRoss2024_7 (DR), BobbyK_9 (B4), Boehler_8 (B1), Boyle_12 (B2), Briakila_11 (B3), Brilliant_8 (B1), BrownCNA_10 (B4), Brownie5_12 (B2), Buckeye_8 (B1), Burr_8 (B1), CRB2_11 (B9), Calamitous_12 (B2), CamL_8 (B1), CampRoach_8 (B1), Cannibal_8 (B1), Carthage_8 (B1), Casbah_10 (B3), Cepens_6 (W), ChaChing_11 (B3), Chaelin_8 (B1), Chah_8 (B1), Chandler_11 (B3), Charles1_8 (B1), CharlieGBrown_8 (B1), Cher_8 (B1), Childish_8 (B1), Chorkpop_8 (B1), ChrisnMich_8 (B4), Chunky_8 (B1), CloverMinnie_10 (DR), Cobra_8 (B1), Coffee_12 (B2), Colbert_8 (B1), Compostia_11 (B3), Cooper_9 (B4), Cornobble_8 (B1), Corofin_11 (B3), Cosmolli16_8 (B1), Craff_8 (B1), Crownjwl_9 (B1), DaddyDaniels_8 (B1), Daffy_8

(B1), Daisy_11 (B3), Daka_8 (B1), Dati_8 (B1), Deenasa_11 (B3), DelRivs_8 (B1), Derpp_8 (B1), Devonte_11 (B3), Dice_8 (B1), DigitDog_10 (B5), Dingo_8 (B1), Dione_8 (B1), DirtJuice_8 (B1), Doddsville_8 (B1), DoesntMatter_8 (B1), DonSanchon_8 (B1), Donny_10 (B5), DuchessDung_8 (B1), Duggie_8 (B1), Durga_8 (B1), Eaglehorse_12 (B2), EastView9101_10 (B5), Emiris_8 (B1), EmpTee_8 (B1), Epah_8 (B4), Eremos_8 (B1), Etaye_8 (B1), Eugenia_8 (B1), Evaa_9 (DR), Fang_8 (B1), Faze9_12 (B2), FluffyNinja_8 (B1), Fortunato_9 (B4), Fozzie_8 (B1), Frankicide_8 (B1), Frederick_9 (B4), FrenchFry_12 (B2), Fresco_8 (DR), Freya_8 (B1), FriarPreacher_8 (B1), Fringe_8 (B1), FugateOSU_8 (B1), Funsized_14 (B9), Gadget_12 (B3), Gareth_8 (B1), GeneCoco_8 (B1), Gervas_11 (B3), GinPorsche_8 (B4), Giraffe_8 (B1), Glass_12 (B2), GlenHope_12 (B3), GodPhather_7 (W), Godines_12 (B2), Grand2040_8 (B1), Gyarad_008 (B1), HSavage_8 (B1), Haimas_8 (B1), Haleema_8 (B1), Halfpint_10 (B3), Hally898_8 (B4), Hamish_8 (B1), Hangman_9 (B4), Hartsy_8 (B1), HarveySr_11 (B3), Harvey_8 (B1), Hashim76_13 (B13), Heath_9 (B4), Heathcliff_11 (B3), Hedgerow_12 (B2), Held_8 (B1), HenryJackson_8 (B1), Hertubise_8 (B1), Hetaeria_8 (B1), HighStump_8 (B1), Hocus_8 (B1), Holeinone_12 (B2), Horchata_8 (B1), Hosp_05 (B6), Hydro_9 (B4), ImtiyazSitla_8 (B1), Imvubu_5 (B10), Inchworm_8 (B1), Indlovu_9 (B11), Iridoclysis_8 (B1), IsaacEli_8 (B1), ItsyBitsy1_12 (B2), JAMaL_8 (B4), JDog_8 (B1), JacAttac_8 (B1), Jackstina_10 (B3), JaguarMi_10 (B4), JakeO_8 (B1), JangoPhett_8 (B1), Jillium_8 (B1), Jiminy_8 (B1), Jolie1_07 (B6), KLucky39_8 (B1), Kahve_8 (B1), Kailash_8 (B1), Kaleb_12 (B2), Kamiyu_11 (B3), KarasumaRum_11 (B5), KayaCho_7 (B6), Keitherie_8 (B1), Kheth_12 (B2), Kikipoo_8 (B1), Kimbrough_8 (B1), KingTut_8 (B1), KingVeVeVe_8 (B1), KlimbOn_8 (B1), Kloppinator_8 (B1), Knocker_14 (B9), Kronus_10 (B3), Kwadwo_8 (B1), Kwksand96_8 (B1), Labeouficaum_8 (B1), Lambano_8 (B4), Lars_12 (B2), LasagnaCat_8 (B1), Lasso_8 (B1), Laurie_12 (B2), LeeLot_8 (B1), Lego3393_8 (B1), Legolas_8 (B1), LemonSlice_8 (B1), Lephleur_12 (B2), LestyG_11 (B3), LilMcDreamy_10 (B12), LittleMunchkin_9 (DR), LizLemon_12 (B2), Lolalove_9 (B4), Longacauda_8 (B1), Lopsy_8 (B1), LostAndPhound_8 (B1), LuckyMarjie_8 (B1), Lulumae_8 (B1), Lulwa_8 (B1), Lumine_8 (B1), MRabcd_8 (B1), Mag7_8 (B1), Magic8_8 (B1), Magpie_9 (B4), MakoManhole_10 (DR), Mana_8 (B1), Manad_8 (B1), Marley1013_11 (B3), Maru_8 (B1), Maskar_8 (B1), MasterPo_12 (B2), Matalotodo_8 (B1), Mcshane_8 (B1), Mecca_8 (B1), Megatron_8 (B1), Melc17_8 (B1), MelsMeow_8 (B1), Mesh1_8 (B1), MichaelPhcott_8 (B1), Mikota_8 (B1), MiniBoss_8 (B1), MitKao_8 (B1), Mithril_9 (B4), MmasiCarm_11 (B3), Morgushi_8 (B1), Mortcellus_10 (B3), Morty007_11 (B3), Morty_8 (B1), Mosaic_8 (B1), Mudslide_9 (B4), Mulan_8 (B1), Murdoc_8 (B1), Mutante_8 (B1), Mysterious_10 (B5), NHagos_8 (DR), Nacho_008 (B1), Nanao_8 (B4), Nangang_10 (B5), Nehemiah_9 (B5), Neos5_11 (B3), Newman_8 (B1), Nicole21_8 (B1), Nigel_7 (B4), Nozo_11 (B3), Numberten_8 (B1), Nyala_8 (B1), OSmaximus_8 (B1), Obutu_11 (B3), Olak_8 (B1), Oline_8 (B1), OliverWalter_8 (B1), Omniscient_8 (B1), Oosterbaan_8 (B1), Opia_12 (B2), OrangeOswald_11 (B3), Orfeu_8 (B1), Orion_8 (B1), PG1_8 (B1), Pacifista_8 (B1), PenguinLover67_12 (B9), Phaedrus_10 (B3), Phamished_8 (B1), Phantasmagoria_12 (B2), Phareon_8 (B1), PhatCats2014_8 (B1), PhatLouie_8 (B1), Phayeta_11 (B3), Phelemich_10 (B5), PhenghisKhan_8 (B1), Pherdinand_8 (B1), Phergie_8 (B1), Philly_10 (B3), Phipps_8 (B1), Phleuron_8 (B1), Phlyer_11 (B3), PhrankReynolds_8 (B1), PhrodoBaggins_8 (B1), Phunky_8 (B1), Piglet_008 (B1), PinheadLarry_8 (B1), Pinkman_8 (B1), Pipefish_11 (B3), Pipsqueak_8 (B1), Placalicious_8 (B1), Plmatters_8 (B1), Podrick_8 (B1), Pops_8 (B1), Poster_8 (B4), Potter_8 (B1), Prickles_8 (B1), Prince_9 (B4), ProfessorX_8 (B1), Puhltonio_8 (B1), QueenBeane_8 (B1), QueenPie_9 (B4), Quesadilla_11 (B9), Quisquiliae_8 (B1), Qyrzula_12 (B2), RagingRooster_11 (B3), RedMaple_8 (B1), Reprobate_10 (B5),

Rhinoforte_12 (B2), Rich_10 (B5), Ricotta_8 (B1), Riggan_8 (B1), Rinkes_13 (B9), Rita1961_11 (B3), Robyn_8 (B1), Roliet_8 (B1), RomaT_11 (B3), Roscoe_9 (B1), Rosebush_12 (B2), Roy17_8 (B1), SDcharge11_8 (B1), Sabella_12 (B2), Saguaro_11 (B7), Samaymay_8 (B1), SassyCat97_8 (B1), Schadenfreude_8 (B1), Scoot17C_8 (B1), Scrick_8 (B1), Selr12_8 (B1), Serendipitous_10 (B5), Serendipity_8 (B1), Serpentine_008 (B1), Shatter_8 (DR), Sheila_8 (B1), Shenyu_10 (B5), ShiVal_8 (B1), Sigman_8 (B1), SilverBell_8 (B1), Simielle_8 (B1), SirJeffery_10 (B5), Sisko_7 (DR), Skippy_8 (B1), Slatt_8 (B1), SlippinJimmy_11 (B3), Soile_8 (B1), Solosis_8 (B1), Sophia_8 (B1), Soto_8 (B1), Sour_11 (DR), Spartan300_8 (B1), Squid_8 (B1), Squiggle_8 (B1), StAugustine_15 (singleton), Stinger_7 (B4), StinkyVeggy_11 (B5), Struggle_8 (B1), Suffolk_8 (B1), Suigeneris_10 (B5), Surely_8 (B1), Swish_8 (B1), SynergyX_11 (B3), TA17A_12 (B2), TPA2_17 (singleton), TallGrassMM_8 (B1), Telesworld_8 (B1), Thonko_7 (B8), Thora_8 (B1), ThreeOh3D2_8 (B1), Timmi_8 (B1), Tinciduntolum_13 (B2), TomBombadil_8 (B1), Tomlarah_8 (B1), Toni_8 (B1), Tooj_8 (B1), Tres_12 (B2), True_8 (B1), Trypo_8 (B1), Tydolla_11 (B3), TyrionL_8 (B1), UAch1_8 (B1), UncleHowie_8 (B1), Usavi_8 (B1), Vaishali24_8 (B1), Valjean_8 (B1), Vaticameos_8 (B1), Veritas_8 (B1), Vic9_13 (B2), Vincenzo_10 (B4), VioletZ_9 (B4), Virapocalypse_8 (B1), Virgeve_8 (B1), Vista_8 (B1), Vivaldi_8 (B1), Vortex_8 (B1), Waleliano_9 (B4), Wallhey_8 (B1), Waterdiva_8 (B1), Weher20_8 (B1), West99_12 (B2), Windsor_8 (B1), Wooper_10 (DR), Xavier_8 (B1), Yago84_7 (DR), Yahalom_11 (B3), Yinz_11 (B3), Yoshand_8 (B1), YouGoGlencoco_8 (B1), Zaider_9 (B1), Zelda_8 (B1), Zemanar_10 (B4), Zenteno07_13 (B13), Zonia_8 (B1),

Start 8:

- Found in 230 of 488 (47.1%) of genes in pham
- Manual Annotations of this start: 5 of 434
- Called 3.9% of time when present
- Phage (with cluster) where this start called: Anderson_8 (B1), Bishoperium_8 (B1), Fanaw_9 (B4), Inverness_8 (B1), Megamind20_9 (B1), Olive_8 (B1), Orwigg_9 (B1), RawrgerThat_9 (B4), Xincheng_9 (B4),

Start 14:

- Found in 6 of 488 (1.2%) of genes in pham
- Manual Annotations of this start: 2 of 434
- Called 50.0% of time when present
- Phage (with cluster) where this start called: CharlottesWeb_8 (DR), Ligma_8 (DR), Mariokart_8 (DR),

Start 19:

- Found in 43 of 488 (8.8%) of genes in pham
- Manual Annotations of this start: 2 of 434
- Called 4.7% of time when present
- Phage (with cluster) where this start called: D12_06 (W), PR_06 (W),

Start 22:

- Found in 1 of 488 (0.2%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Pine5_11 (singleton),

Start 23:

- Found in 1 of 488 (0.2%) of genes in pham

- Manual Annotations of this start: 1 of 434
- Called 100.0% of time when present
- Phage (with cluster) where this start called: TurkishDelight_11 (singleton),

Start 24:

- Found in 1 of 488 (0.2%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: phiAsp2_4 (singleton),

Start 26:

- Found in 59 of 488 (12.1%) of genes in pham
- Manual Annotations of this start: 10 of 434
- Called 18.6% of time when present
- Phage (with cluster) where this start called: Abt2graduatex2_10 (BG), Asis_10 (BG), BabyGotBac_10 (BG), BayC_10 (BG), Maih_10 (BG), Mischief19_11 (BG), RainyPolka_10 (BG), Salete_10 (BG), TP1604_10 (BG), Xkcd426_11 (BG), YDN12_11 (BG),

Start 30:

- Found in 280 of 488 (57.4%) of genes in pham
- Manual Annotations of this start: 5 of 434
- Called 4.3% of time when present
- Phage (with cluster) where this start called: Basato_9 (B1), CheetO_8 (B1), Chute_8 (B1), Coletti_8 (B1), Gophee_8 (B1), Jiraiya_8 (B1), Katniss_8 (B1), LeiMonet_8 (B1), MrPhizzler_8 (B1), Schueller_8 (B1), Swiphy_8 (B1), Thunderbird_8 (B1),

Start 33:

- Found in 63 of 488 (12.9%) of genes in pham
- Manual Annotations of this start: 2 of 434
- Called 4.8% of time when present
- Phage (with cluster) where this start called: CaiB_10 (DR), Coldpizza_9 (DR), MossRose_10 (DR),

Start 34:

- Found in 275 of 488 (56.4%) of genes in pham
- No Manual Annotations of this start.
- Called 0.7% of time when present
- Phage (with cluster) where this start called: Gwilliam_9 (B1), Rimu_8 (B1),

Summary by clusters:

There are 19 clusters represented in this pham: singleton, BG, B2, B10, B8, B11, B4, B5, B6, B7, B12, B1, W, B3, AD, CP, DR, B9, B13,

Info for manual annotations of cluster AD:

- Start number 5 was manually annotated 4 times for cluster AD.

Info for manual annotations of cluster B1:

- Start number 7 was manually annotated 254 times for cluster B1.
- Start number 8 was manually annotated 4 times for cluster B1.
- Start number 30 was manually annotated 5 times for cluster B1.

Info for manual annotations of cluster B10:

- Start number 7 was manually annotated 1 time for cluster B10.

Info for manual annotations of cluster B11:

- Start number 7 was manually annotated 1 time for cluster B11.

Info for manual annotations of cluster B12:

- Start number 7 was manually annotated 1 time for cluster B12.

Info for manual annotations of cluster B13:

- Start number 7 was manually annotated 2 times for cluster B13.

Info for manual annotations of cluster B2:

- Start number 7 was manually annotated 32 times for cluster B2.

Info for manual annotations of cluster B3:

- Start number 7 was manually annotated 45 times for cluster B3.

Info for manual annotations of cluster B4:

- Start number 7 was manually annotated 24 times for cluster B4.
- Start number 8 was manually annotated 1 time for cluster B4.

Info for manual annotations of cluster B5:

- Start number 7 was manually annotated 9 times for cluster B5.

Info for manual annotations of cluster B6:

- Start number 7 was manually annotated 1 time for cluster B6.

Info for manual annotations of cluster B7:

- Start number 7 was manually annotated 1 time for cluster B7.

Info for manual annotations of cluster B8:

- Start number 7 was manually annotated 1 time for cluster B8.

Info for manual annotations of cluster B9:

- Start number 7 was manually annotated 6 times for cluster B9.

Info for manual annotations of cluster BG:

- Start number 26 was manually annotated 10 times for cluster BG.

Info for manual annotations of cluster CP:

- Start number 6 was manually annotated 3 times for cluster CP.

Info for manual annotations of cluster DR:

- Start number 7 was manually annotated 15 times for cluster DR.
- Start number 14 was manually annotated 2 times for cluster DR.
- Start number 33 was manually annotated 2 times for cluster DR.

Info for manual annotations of cluster W:

- Start number 5 was manually annotated 3 times for cluster W.
- Start number 7 was manually annotated 3 times for cluster W.
- Start number 19 was manually annotated 2 times for cluster W.

Gene Information:

Gene: 39HC_07 Start: 5208, Stop: 7124, Start Num: 7

Candidate Starts for 39HC_07:

(Start: 7 @5208 has 396 MA's), (Start: 8 @5223 has 5 MA's), (25, 5286), (Start: 30 @5310 has 5 MA's), (37, 5352), (38, 5367), (39, 5370), (42, 5379), (68, 5529), (82, 5610), (90, 5640), (102, 5688), (127, 5781), (128, 5784), (130, 5793), (132, 5838), (133, 5847), (146, 5928), (147, 5931), (150, 5949), (162, 6012), (167, 6030), (181, 6078), (191, 6132), (198, 6192), (203, 6234), (212, 6306), (213, 6321), (217, 6342), (223, 6378), (227, 6390), (233, 6426), (251, 6573), (264, 6639), (281, 6705), (307, 6828), (316, 6858), (318, 6867), (319, 6885), (352, 7017), (353, 7020), (375, 7098),

Gene: 40BC_07 Start: 5208, Stop: 7124, Start Num: 7

Candidate Starts for 40BC_07:

(Start: 7 @5208 has 396 MA's), (Start: 8 @5223 has 5 MA's), (25, 5286), (Start: 30 @5310 has 5 MA's), (37, 5352), (38, 5367), (39, 5370), (42, 5379), (68, 5529), (82, 5610), (90, 5640), (102, 5688), (127, 5781), (128, 5784), (130, 5793), (132, 5838), (133, 5847), (146, 5928), (147, 5931), (150, 5949), (162, 6012), (167, 6030), (181, 6078), (191, 6132), (198, 6192), (203, 6234), (212, 6306), (213, 6321), (217, 6342), (223, 6378), (227, 6390), (233, 6426), (251, 6573), (264, 6639), (281, 6705), (307, 6828), (316, 6858), (318, 6867), (319, 6885), (352, 7017), (353, 7020), (375, 7098),

Gene: ABU_8 Start: 4439, Stop: 6358, Start Num: 7

Candidate Starts for ABU_8:

(Start: 7 @4439 has 396 MA's), (Start: 8 @4454 has 5 MA's), (Start: 30 @4550 has 5 MA's), (34, 4565), (52, 4676), (76, 4808), (81, 4832), (82, 4838), (84, 4850), (87, 4862), (129, 5027), (144, 5153), (145, 5156), (146, 5168), (149, 5177), (150, 5189), (162, 5252), (165, 5261), (175, 5297), (180, 5315), (183, 5324), (191, 5372), (202, 5468), (203, 5474), (209, 5510), (213, 5558), (218, 5582), (246, 5777), (262, 5870), (321, 6122), (353, 6257), (364, 6299), (368, 6311),

Gene: Abinghost_11 Start: 6314, Stop: 8218, Start Num: 7

Candidate Starts for Abinghost_11:

(Start: 7 @6314 has 396 MA's), (9, 6341), (29, 6422), (39, 6485), (52, 6551), (58, 6584), (78, 6692), (97, 6782), (115, 6860), (130, 6917), (133, 6971), (146, 7052), (150, 7073), (154, 7100), (169, 7151), (170, 7160), (175, 7169), (203, 7346), (205, 7358), (213, 7433), (218, 7457), (222, 7478), (236, 7562), (253, 7700), (256, 7718), (262, 7745), (270, 7769), (310, 7934), (313, 7943), (337, 8048), (338, 8057), (344, 8084), (368, 8174), (377, 8198), (383, 8210),

Gene: AbsoluteMadLad_8 Start: 4437, Stop: 6356, Start Num: 7

Candidate Starts for AbsoluteMadLad_8:

(Start: 7 @4437 has 396 MA's), (Start: 8 @4452 has 5 MA's), (Start: 30 @4548 has 5 MA's), (34, 4563), (52, 4674), (76, 4806), (81, 4830), (82, 4836), (84, 4848), (87, 4860), (129, 5025), (144, 5151), (145, 5154), (146, 5166), (149, 5175), (150, 5187), (162, 5250), (165, 5259), (175, 5295), (180, 5313), (183, 5322), (191, 5370), (202, 5466), (203, 5472), (209, 5508), (213, 5556), (218, 5580), (246, 5775), (262, 5868), (321, 6120), (353, 6255), (364, 6297), (368, 6309),

Gene: Abt2graduatex2_10 Start: 8030, Stop: 9832, Start Num: 26

Candidate Starts for Abt2graduatex2_10:

(Start: 26 @8030 has 10 MA's), (49, 8156), (55, 8189), (62, 8237), (70, 8276), (82, 8345), (96, 8414), (103, 8435), (129, 8543), (130, 8549), (142, 8645), (178, 8771), (187, 8816), (189, 8825), (194, 8858), (196, 8867), (198, 8894), (214, 9026), (270, 9320), (284, 9359), (289, 9383), (295, 9431), (301, 9479), (303, 9491), (317, 9542), (330, 9611), (351, 9701), (377, 9803), (388, 9821),

Gene: Acadian_10 Start: 6693, Stop: 8558, Start Num: 7

Candidate Starts for Acadian_10:

(Start: 7 @6693 has 396 MA's), (Start: 8 @6708 has 5 MA's), (18, 6750), (38, 6846), (43, 6858), (77, 7044), (79, 7056), (81, 7065), (116, 7182), (118, 7197), (147, 7374), (150, 7392), (164, 7452), (194, 7590), (198, 7626), (203, 7668), (205, 7680), (213, 7755), (218, 7779), (223, 7812), (227, 7824), (230, 7836), (233, 7860), (256, 8040), (259, 8058), (298, 8238), (307, 8259), (314, 8280), (336, 8382), (349, 8442), (385, 8550), (387, 8553),

Gene: Adriana_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Adriana_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Aelin_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Aelin_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Ahwei_8 Start: 5643, Stop: 7532, Start Num: 7

Candidate Starts for Ahwei_8:

(Start: 7 @5643 has 396 MA's), (28, 5739), (32, 5754), (39, 5805), (43, 5814), (51, 5865), (53, 5874), (72, 5970), (82, 6030), (109, 6126), (128, 6207), (132, 6261), (146, 6351), (147, 6354), (164, 6432), (167, 6444), (191, 6546), (198, 6606), (203, 6648), (205, 6660), (213, 6735), (218, 6759), (219, 6765), (223, 6792), (225, 6798), (233, 6840), (237, 6870), (306, 7221), (307, 7224), (319, 7281), (336, 7347), (337, 7350), (338, 7359), (364, 7473), (381, 7518), (385, 7524),

Gene: Akoma_11 Start: 6314, Stop: 8218, Start Num: 7

Candidate Starts for Akoma_11:

(Start: 7 @6314 has 396 MA's), (9, 6341), (29, 6422), (39, 6485), (52, 6551), (58, 6584), (78, 6692), (97, 6782), (115, 6860), (130, 6917), (133, 6971), (146, 7052), (150, 7073), (154, 7100), (169, 7151), (170, 7160), (175, 7169), (203, 7346), (205, 7358), (213, 7433), (218, 7457), (222, 7478), (236, 7562), (253, 7700), (256, 7718), (262, 7745), (270, 7769), (310, 7934), (313, 7943), (337, 8048), (338, 8057), (344, 8084), (353, 8120), (368, 8174), (369, 8177), (377, 8198), (383, 8210),

Gene: AlanGrant_10 Start: 7459, Stop: 9357, Start Num: 7

Candidate Starts for AlanGrant_10:

(Start: 7 @7459 has 396 MA's), (Start: 26 @7540 has 10 MA's), (39, 7621), (40, 7627), (51, 7681), (69, 7768), (72, 7786), (82, 7846), (86, 7867), (107, 7927), (128, 8023), (132, 8077), (146, 8167), (152, 8194), (162, 8245), (183, 8317), (191, 8365), (193, 8380), (198, 8425), (203, 8467), (218, 8578), (219, 8584), (223, 8611), (233, 8659), (257, 8842), (281, 8917), (301, 9037), (306, 9046), (307, 9049), (319, 9106), (321, 9112), (337, 9175), (338, 9184), (374, 9328), (385, 9349),

Gene: Allegro_12 Start: 7728, Stop: 9617, Start Num: 7

Candidate Starts for Allegro_12:

(Start: 7 @7728 has 396 MA's), (13, 7776), (Start: 19 @7800 has 2 MA's), (Start: 26 @7818 has 10 MA's), (Start: 33 @7851 has 2 MA's), (51, 7959), (66, 8043), (78, 8106), (85, 8142), (100, 8193), (109, 8226), (128, 8304), (130, 8313), (132, 8358), (146, 8448), (147, 8451), (149, 8457), (150, 8469), (153,

8484), (154, 8496), (179, 8580), (184, 8613), (188, 8631), (196, 8676), (203, 8745), (205, 8757), (213, 8832), (218, 8856), (219, 8862), (223, 8889), (227, 8901), (229, 8907), (233, 8937), (234, 8940), (237, 8967), (242, 9033), (244, 9042), (256, 9117), (265, 9153), (282, 9198), (309, 9336), (310, 9339), (314, 9351), (335, 9438), (337, 9447), (338, 9456), (340, 9471), (348, 9501), (353, 9519), (356, 9534), (364, 9561), (368, 9573), (385, 9609),

Gene: AltPhacts_8 Start: 4442, Stop: 6361, Start Num: 7

Candidate Starts for AltPhacts_8:

(Start: 7 @4442 has 396 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: Altwerkus_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Altwerkus_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: AnClar_7 Start: 5605, Stop: 7446, Start Num: 7

Candidate Starts for AnClar_7:

(Start: 7 @5605 has 396 MA's), (Start: 33 @5719 has 2 MA's), (38, 5761), (51, 5824), (78, 5956), (82, 5974), (104, 6028), (109, 6049), (132, 6181), (139, 6214), (146, 6271), (147, 6274), (150, 6292), (157, 6343), (162, 6364), (188, 6472), (191, 6484), (203, 6586), (224, 6733), (227, 6742), (235, 6799), (292, 7078), (310, 7165), (312, 7171), (329, 7246), (331, 7252), (337, 7273), (355, 7354), (364, 7387), (368, 7399), (377, 7423), (379, 7426),

Gene: AnarQue_10 Start: 6780, Stop: 8627, Start Num: 7

Candidate Starts for AnarQue_10:

(Start: 7 @6780 has 396 MA's), (Start: 33 @6894 has 2 MA's), (38, 6936), (51, 6999), (61, 7065), (85, 7170), (124, 7293), (126, 7299), (128, 7308), (130, 7317), (147, 7455), (150, 7473), (180, 7614), (184, 7641), (188, 7659), (191, 7671), (197, 7722), (203, 7773), (213, 7860), (218, 7884), (256, 8142), (276, 8202), (278, 8211), (290, 8259), (312, 8352), (313, 8355), (329, 8427), (331, 8433), (337, 8454), (349, 8511), (352, 8523), (359, 8556), (364, 8568), (368, 8580), (372, 8592), (377, 8604), (379, 8607),

Gene: Anderson_8 Start: 4456, Stop: 6360, Start Num: 8

Candidate Starts for Anderson_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Andre_8 Start: 4442, Stop: 6361, Start Num: 7

Candidate Starts for Andre_8:

(Start: 7 @4442 has 396 MA's), (Start: 8 @4457 has 5 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: Antihero_8 Start: 5643, Stop: 7532, Start Num: 7

Candidate Starts for Antihero_8:

(Start: 7 @5643 has 396 MA's), (28, 5739), (32, 5754), (39, 5805), (43, 5814), (51, 5865), (53, 5874), (72, 5970), (82, 6030), (109, 6126), (128, 6207), (132, 6261), (146, 6351), (147, 6354), (164, 6432), (167, 6444), (191, 6546), (198, 6606), (203, 6648), (205, 6660), (213, 6735), (218, 6759), (219, 6765), (223, 6792), (225, 6798), (233, 6840), (237, 6870), (301, 7212), (306, 7221), (307, 7224), (319, 7281), (336, 7347), (337, 7350), (338, 7359), (364, 7473), (381, 7518), (385, 7524),

Gene: Antonia_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Antonia_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Apex_8 Start: 6292, Stop: 8181, Start Num: 7

Candidate Starts for Apex_8:

(Start: 7 @6292 has 396 MA's), (Start: 8 @6307 has 5 MA's), (28, 6388), (32, 6403), (39, 6454), (43, 6463), (51, 6514), (72, 6619), (82, 6679), (109, 6775), (127, 6853), (128, 6856), (130, 6865), (132, 6910), (146, 7000), (147, 7003), (164, 7081), (167, 7093), (191, 7195), (198, 7255), (203, 7297), (205, 7309), (218, 7408), (219, 7414), (223, 7441), (225, 7447), (228, 7456), (233, 7489), (245, 7597), (301, 7861), (306, 7870), (307, 7873), (321, 7936), (336, 7996), (337, 7999), (338, 8008), (364, 8122), (381, 8167), (385, 8173),

Gene: Apizium_8 Start: 4439, Stop: 6358, Start Num: 7

Candidate Starts for Apizium_8:

(Start: 7 @4439 has 396 MA's), (Start: 8 @4454 has 5 MA's), (Start: 30 @4550 has 5 MA's), (34, 4565), (52, 4676), (76, 4808), (81, 4832), (82, 4838), (84, 4850), (87, 4862), (129, 5027), (144, 5153), (145, 5156), (146, 5168), (149, 5177), (150, 5189), (162, 5252), (165, 5261), (175, 5297), (180, 5315), (183, 5324), (191, 5372), (202, 5468), (203, 5474), (209, 5510), (213, 5558), (218, 5582), (246, 5777), (262, 5870), (321, 6122), (353, 6257), (364, 6299), (368, 6311),

Gene: Arbiter_12 Start: 7818, Stop: 9707, Start Num: 7

Candidate Starts for Arbiter_12:

(Start: 7 @7818 has 396 MA's), (13, 7866), (Start: 19 @7890 has 2 MA's), (Start: 26 @7908 has 10 MA's), (Start: 33 @7941 has 2 MA's), (51, 8049), (66, 8133), (78, 8196), (85, 8232), (100, 8283), (104, 8295), (109, 8316), (128, 8394), (130, 8403), (132, 8448), (146, 8538), (147, 8541), (149, 8547), (150, 8559), (153, 8574), (154, 8586), (179, 8670), (184, 8703), (188, 8721), (196, 8766), (203, 8835), (205, 8847), (213, 8922), (218, 8946), (219, 8952), (223, 8979), (227, 8991), (229, 8997), (233, 9027), (234, 9030), (237, 9057), (242, 9123), (244, 9132), (256, 9207), (265, 9243), (309, 9426), (310, 9429), (314, 9441), (335, 9528), (337, 9537), (338, 9546), (340, 9561), (348, 9591), (353, 9609), (356, 9624), (364, 9651), (368, 9663), (385, 9699),

Gene: Ares_12 Start: 7728, Stop: 9617, Start Num: 7

Candidate Starts for Ares_12:

(Start: 7 @7728 has 396 MA's), (13, 7776), (Start: 19 @7800 has 2 MA's), (Start: 26 @7818 has 10 MA's), (Start: 33 @7851 has 2 MA's), (51, 7959), (66, 8043), (78, 8106), (85, 8142), (100, 8193), (104, 8205), (109, 8226), (128, 8304), (130, 8313), (132, 8358), (146, 8448), (147, 8451), (149, 8457), (150, 8469), (153, 8484), (154, 8496), (179, 8580), (184, 8613), (188, 8631), (196, 8676), (203, 8745), (205, 8757), (213, 8832), (218, 8856), (219, 8862), (223, 8889), (227, 8901), (229, 8907), (233, 8937), (234, 8940), (237, 8967), (242, 9033), (244, 9042), (256, 9117), (265, 9153), (282, 9198), (309, 9336), (310,

9339), (314, 9351), (335, 9438), (337, 9447), (338, 9456), (340, 9471), (348, 9501), (353, 9519), (356, 9534), (364, 9561), (368, 9573), (385, 9609),

Gene: Argie_7 Start: 3607, Stop: 5463, Start Num: 7

Candidate Starts for Argie_7:

(Start: 5 @3589 has 7 MA's), (Start: 7 @3607 has 396 MA's), (Start: 19 @3664 has 2 MA's), (47, 3802), (51, 3832), (60, 3886), (82, 3997), (112, 4126), (128, 4183), (130, 4192), (132, 4237), (136, 4255), (148, 4333), (149, 4336), (175, 4420), (182, 4444), (185, 4468), (203, 4597), (205, 4609), (209, 4633), (213, 4684), (223, 4741), (227, 4753), (250, 4927), (262, 4996), (329, 5248), (364, 5389), (368, 5401), (387, 5443),

Gene: Ashraf_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Ashraf_8:

(Start: 7 @4438 has 396 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (87, 4861), (115, 4975), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (336, 6181), (353, 6256), (364, 6298), (368, 6310),

Gene: Asis_10 Start: 8087, Stop: 9889, Start Num: 26

Candidate Starts for Asis_10:

(Start: 26 @8087 has 10 MA's), (49, 8213), (53, 8234), (55, 8246), (62, 8294), (70, 8333), (77, 8375), (82, 8402), (96, 8471), (103, 8492), (109, 8513), (127, 8591), (129, 8597), (130, 8603), (142, 8699), (149, 8747), (178, 8825), (187, 8870), (189, 8879), (194, 8912), (198, 8948), (214, 9080), (270, 9377), (283, 9413), (291, 9458), (296, 9503), (301, 9536), (303, 9548), (317, 9599), (326, 9650), (330, 9668), (340, 9716), (342, 9722), (360, 9803), (371, 9833), (377, 9860), (388, 9878),

Gene: Athena_12 Start: 7077, Stop: 8981, Start Num: 7

Candidate Starts for Athena_12:

(Start: 7 @7077 has 396 MA's), (9, 7104), (29, 7185), (39, 7248), (52, 7314), (58, 7347), (78, 7455), (97, 7545), (115, 7623), (130, 7680), (133, 7734), (146, 7815), (150, 7836), (154, 7863), (169, 7914), (170, 7923), (175, 7932), (203, 8109), (205, 8121), (213, 8196), (218, 8220), (222, 8241), (236, 8325), (253, 8463), (256, 8481), (262, 8508), (270, 8532), (310, 8697), (313, 8706), (337, 8811), (338, 8820), (344, 8847), (368, 8937), (377, 8961), (383, 8973),

Gene: Audrey_11 Start: 6314, Stop: 8218, Start Num: 7

Candidate Starts for Audrey_11:

(Start: 7 @6314 has 396 MA's), (9, 6341), (29, 6422), (39, 6485), (52, 6551), (58, 6584), (78, 6692), (97, 6782), (115, 6860), (130, 6917), (133, 6971), (146, 7052), (150, 7073), (154, 7100), (169, 7151), (170, 7160), (175, 7169), (203, 7346), (205, 7358), (213, 7433), (218, 7457), (222, 7478), (236, 7562), (253, 7700), (256, 7718), (262, 7745), (270, 7769), (310, 7934), (313, 7943), (337, 8048), (338, 8057), (344, 8084), (368, 8174), (369, 8177), (377, 8198), (383, 8210),

Gene: Austelle_9 Start: 6748, Stop: 8637, Start Num: 7

Candidate Starts for Austelle_9:

(Start: 7 @6748 has 396 MA's), (Start: 8 @6763 has 5 MA's), (28, 6844), (32, 6859), (39, 6910), (43, 6919), (51, 6970), (72, 7075), (82, 7135), (109, 7231), (127, 7309), (128, 7312), (130, 7321), (132, 7366), (146, 7456), (147, 7459), (164, 7537), (167, 7549), (191, 7651), (198, 7711), (203, 7753), (205, 7765), (213, 7840), (218, 7864), (219, 7870), (220, 7873), (223, 7897), (225, 7903), (228, 7912), (233, 7945), (237, 7975), (301, 8317), (306, 8326), (307, 8329), (321, 8392), (337, 8455), (338, 8464), (364, 8578), (381, 8623), (385, 8629),

Gene: Axumite_8 Start: 5303, Stop: 7141, Start Num: 7

Candidate Starts for Axumite_8:

(Start: 7 @5303 has 396 MA's), (Start: 14 @5351 has 2 MA's), (Start: 33 @5417 has 2 MA's), (38, 5459), (62, 5591), (78, 5654), (82, 5672), (128, 5825), (130, 5834), (132, 5879), (139, 5912), (146, 5969), (147, 5972), (150, 5990), (155, 6023), (161, 6050), (188, 6161), (191, 6173), (193, 6188), (203, 6275), (205, 6287), (213, 6362), (218, 6386), (224, 6422), (226, 6428), (227, 6431), (228, 6434), (233, 6467), (312, 6866), (313, 6869), (314, 6872), (329, 6941), (331, 6947), (337, 6968), (344, 7004), (355, 7049), (359, 7070), (368, 7094), (372, 7106), (377, 7118), (379, 7121),

Gene: BabyGotBac_10 Start: 8087, Stop: 9889, Start Num: 26

Candidate Starts for BabyGotBac_10:

(Start: 26 @8087 has 10 MA's), (49, 8213), (53, 8234), (55, 8246), (62, 8294), (70, 8333), (77, 8375), (82, 8402), (96, 8471), (103, 8492), (109, 8513), (127, 8591), (129, 8597), (130, 8603), (142, 8699), (149, 8747), (178, 8825), (187, 8870), (189, 8879), (194, 8912), (198, 8948), (214, 9080), (270, 9377), (283, 9413), (291, 9458), (296, 9503), (303, 9548), (317, 9599), (326, 9650), (330, 9668), (340, 9716), (360, 9803), (371, 9833), (377, 9860), (388, 9878),

Gene: Badfish_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Badfish_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Bae_10 Start: 6699, Stop: 8567, Start Num: 7

Candidate Starts for Bae_10:

(Start: 7 @6699 has 396 MA's), (9, 6723), (36, 6819), (38, 6855), (43, 6867), (77, 7053), (81, 7074), (82, 7080), (116, 7191), (118, 7206), (130, 7245), (147, 7383), (150, 7401), (164, 7461), (194, 7599), (203, 7677), (205, 7689), (218, 7788), (223, 7821), (227, 7833), (230, 7845), (233, 7869), (259, 8067), (298, 8247), (307, 8268), (308, 8271), (314, 8289), (336, 8391), (349, 8451), (385, 8559), (387, 8562),

Gene: Baloo_11 Start: 6314, Stop: 8218, Start Num: 7

Candidate Starts for Baloo_11:

(Start: 7 @6314 has 396 MA's), (9, 6341), (29, 6422), (39, 6485), (52, 6551), (58, 6584), (78, 6692), (97, 6782), (115, 6860), (130, 6917), (133, 6971), (146, 7052), (150, 7073), (154, 7100), (169, 7151), (170, 7160), (175, 7169), (203, 7346), (205, 7358), (213, 7433), (218, 7457), (222, 7478), (236, 7562), (253, 7700), (256, 7718), (262, 7745), (270, 7769), (310, 7934), (313, 7943), (337, 8048), (338, 8057), (344, 8084), (368, 8174), (377, 8198), (383, 8210),

Gene: Bananafish_12 Start: 7728, Stop: 9617, Start Num: 7

Candidate Starts for Bananafish_12:

(Start: 7 @7728 has 396 MA's), (13, 7776), (Start: 19 @7800 has 2 MA's), (Start: 26 @7818 has 10 MA's), (Start: 33 @7851 has 2 MA's), (51, 7959), (66, 8043), (78, 8106), (85, 8142), (100, 8193), (104, 8205), (109, 8226), (128, 8304), (130, 8313), (132, 8358), (146, 8448), (147, 8451), (149, 8457), (150, 8469), (153, 8484), (154, 8496), (179, 8580), (184, 8613), (188, 8631), (196, 8676), (203, 8745), (205, 8757), (213, 8832), (218, 8856), (219, 8862), (223, 8889), (227, 8901), (229, 8907), (233, 8937), (234, 8940), (237, 8967), (242, 9033), (244, 9042), (256, 9117), (265, 9153), (282, 9198), (309, 9336), (310, 9339), (314, 9351), (335, 9438), (337, 9447), (338, 9456), (340, 9471), (348, 9501), (353, 9519), (356, 9534), (364, 9561), (368, 9573), (385, 9609),

Gene: Banjo_8 Start: 4442, Stop: 6361, Start Num: 7

Candidate Starts for Banjo_8:

(Start: 7 @4442 has 396 MA's), (Start: 8 @4457 has 5 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: Basato_9 Start: 4786, Stop: 6594, Start Num: 30

Candidate Starts for Basato_9:

(Start: 7 @4675 has 396 MA's), (Start: 30 @4786 has 5 MA's), (34, 4801), (52, 4912), (76, 5044), (81, 5068), (82, 5074), (84, 5086), (87, 5098), (129, 5263), (144, 5389), (145, 5392), (146, 5404), (149, 5413), (150, 5425), (162, 5488), (165, 5497), (175, 5533), (180, 5551), (183, 5560), (191, 5608), (202, 5704), (203, 5710), (209, 5746), (213, 5794), (218, 5818), (246, 6013), (262, 6106), (321, 6358), (353, 6493), (364, 6535), (368, 6547),

Gene: BatteryCK_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for BatteryCK_8:

(Start: 7 @4438 has 396 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (87, 4861), (115, 4975), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (336, 6181), (353, 6256), (364, 6298), (368, 6310),

Gene: BayC_10 Start: 8087, Stop: 9889, Start Num: 26

Candidate Starts for BayC_10:

(Start: 26 @8087 has 10 MA's), (49, 8213), (53, 8234), (55, 8246), (62, 8294), (70, 8333), (77, 8375), (82, 8402), (96, 8471), (103, 8492), (109, 8513), (127, 8591), (129, 8597), (130, 8603), (142, 8699), (149, 8747), (178, 8825), (187, 8870), (189, 8879), (194, 8912), (198, 8948), (214, 9080), (270, 9377), (283, 9413), (296, 9503), (301, 9536), (303, 9548), (317, 9599), (326, 9650), (330, 9668), (340, 9716), (342, 9722), (360, 9803), (371, 9833), (377, 9860), (388, 9878),

Gene: Beaglebox_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Beaglebox_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Ben11_10 Start: 6162, Stop: 8066, Start Num: 7

Candidate Starts for Ben11_10:

(Start: 7 @6162 has 396 MA's), (9, 6189), (29, 6270), (39, 6333), (52, 6399), (58, 6432), (78, 6540), (97, 6630), (115, 6708), (130, 6765), (133, 6819), (146, 6900), (150, 6921), (154, 6948), (169, 6999), (170, 7008), (175, 7017), (203, 7194), (205, 7206), (213, 7281), (218, 7305), (222, 7326), (236, 7410), (253, 7548), (256, 7566), (262, 7593), (270, 7617), (310, 7782), (313, 7791), (337, 7896), (338, 7905), (344, 7932), (368, 8022), (369, 8025), (377, 8046), (383, 8058),

Gene: Bernardo_11 Start: 6342, Stop: 8240, Start Num: 7

Candidate Starts for Bernardo_11:

(Start: 7 @6342 has 396 MA's), (9, 6369), (29, 6450), (39, 6513), (52, 6579), (58, 6612), (78, 6720), (97, 6810), (115, 6888), (130, 6945), (133, 6999), (146, 7080), (150, 7101), (154, 7128), (169, 7179), (170, 7188), (175, 7197), (203, 7374), (205, 7386), (213, 7461), (218, 7485), (222, 7506), (236, 7590), (253, 7728), (256, 7746), (262, 7773), (270, 7797), (310, 7956), (313, 7965), (337, 8070), (338, 8079), (344, 8106), (353, 8142), (368, 8196), (369, 8199), (377, 8220), (383, 8232),

Gene: BiggityBass_7 Start: 5116, Stop: 6957, Start Num: 7

Candidate Starts for BiggityBass_7:

(Start: 7 @5116 has 396 MA's), (Start: 33 @5230 has 2 MA's), (38, 5272), (51, 5335), (78, 5467), (82, 5485), (109, 5560), (132, 5692), (139, 5725), (146, 5782), (147, 5785), (150, 5803), (157, 5854), (188, 5983), (191, 5995), (193, 6010), (203, 6097), (224, 6244), (227, 6253), (229, 6259), (235, 6310), (292, 6589), (310, 6676), (312, 6682), (329, 6757), (331, 6763), (337, 6784), (355, 6865), (364, 6898), (368, 6910), (377, 6934), (379, 6937),

Gene: BirdsNest_12 Start: 5147, Stop: 7066, Start Num: 7

Candidate Starts for BirdsNest_12:

(Start: 7 @5147 has 396 MA's), (77, 5522), (79, 5534), (87, 5573), (101, 5624), (107, 5639), (131, 5750), (132, 5789), (144, 5864), (145, 5867), (150, 5900), (159, 5948), (165, 5972), (167, 5981), (170, 5999), (183, 6035), (197, 6134), (203, 6185), (209, 6221), (218, 6293), (253, 6536), (256, 6554), (308, 6770), (312, 6782), (337, 6893), (338, 6902), (340, 6917), (353, 6965), (381, 7052),

Gene: Bishoperium_8 Start: 4457, Stop: 6361, Start Num: 8

Candidate Starts for Bishoperium_8:

(Start: 7 @4442 has 396 MA's), (Start: 8 @4457 has 5 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: BlackStallion_8 Start: 4439, Stop: 6358, Start Num: 7

Candidate Starts for BlackStallion_8:

(Start: 7 @4439 has 396 MA's), (Start: 8 @4454 has 5 MA's), (Start: 30 @4550 has 5 MA's), (34, 4565), (52, 4676), (76, 4808), (81, 4832), (82, 4838), (84, 4850), (87, 4862), (129, 5027), (144, 5153), (145, 5156), (146, 5168), (149, 5177), (150, 5189), (162, 5252), (165, 5261), (175, 5297), (180, 5315), (183, 5324), (191, 5372), (202, 5468), (203, 5474), (209, 5510), (213, 5558), (218, 5582), (246, 5777), (262, 5870), (321, 6122), (353, 6257), (364, 6299), (368, 6311),

Gene: Blocker23_12 Start: 7845, Stop: 9734, Start Num: 7

Candidate Starts for Blocker23_12:

(Start: 7 @7845 has 396 MA's), (13, 7893), (Start: 19 @7917 has 2 MA's), (Start: 26 @7935 has 10 MA's), (Start: 33 @7968 has 2 MA's), (51, 8076), (66, 8160), (78, 8223), (85, 8259), (100, 8310), (104, 8322), (109, 8343), (128, 8421), (130, 8430), (132, 8475), (146, 8565), (147, 8568), (149, 8574), (150, 8586), (153, 8601), (154, 8613), (179, 8697), (184, 8730), (188, 8748), (196, 8793), (203, 8862), (205, 8874), (213, 8949), (218, 8973), (219, 8979), (223, 9006), (227, 9018), (229, 9024), (233, 9054), (234, 9057), (237, 9084), (242, 9150), (244, 9159), (256, 9234), (265, 9270), (282, 9315), (309, 9453), (310, 9456), (314, 9468), (335, 9555), (337, 9564), (338, 9573), (340, 9588), (348, 9618), (353, 9636), (356, 9651), (364, 9678), (368, 9690), (385, 9726),

Gene: BlueHusk_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for BlueHusk_8:

(Start: 7 @4438 has 396 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: Bluephacebaby_8 Start: 4442, Stop: 6361, Start Num: 7

Candidate Starts for Bluephacebaby_8:

(Start: 7 @4442 has 396 MA's), (Start: 8 @4457 has 5 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: BobRoss2024_7 Start: 5144, Stop: 6973, Start Num: 7

Candidate Starts for BobRoss2024_7:

(Start: 7 @5144 has 396 MA's), (Start: 33 @5258 has 2 MA's), (38, 5300), (82, 5513), (107, 5573), (130, 5675), (132, 5720), (147, 5813), (150, 5831), (179, 5960), (180, 5966), (184, 5993), (188, 6011), (191, 6023), (203, 6125), (218, 6236), (220, 6245), (221, 6248), (227, 6281), (256, 6494), (278, 6563), (310, 6692), (312, 6698), (313, 6701), (314, 6704), (317, 6716), (329, 6773), (331, 6779), (337, 6800), (344, 6836), (349, 6857), (352, 6869), (359, 6902), (368, 6926), (379, 6953),

Gene: BobbyK_9 Start: 6745, Stop: 8634, Start Num: 7

Candidate Starts for BobbyK_9:

(Start: 7 @6745 has 396 MA's), (Start: 8 @6760 has 5 MA's), (28, 6841), (32, 6856), (39, 6907), (43, 6916), (51, 6967), (72, 7072), (82, 7132), (109, 7228), (127, 7306), (128, 7309), (130, 7318), (132, 7363), (146, 7453), (147, 7456), (164, 7534), (167, 7546), (191, 7648), (198, 7708), (203, 7750), (205, 7762), (213, 7837), (218, 7861), (219, 7867), (223, 7894), (225, 7900), (228, 7909), (233, 7942), (237, 7972), (301, 8314), (306, 8323), (307, 8326), (321, 8389), (336, 8449), (337, 8452), (338, 8461), (364, 8575), (372, 8599), (385, 8626),

Gene: Boehler_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Boehler_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Boyle_12 Start: 7845, Stop: 9734, Start Num: 7

Candidate Starts for Boyle_12:

(Start: 7 @7845 has 396 MA's), (13, 7893), (Start: 19 @7917 has 2 MA's), (Start: 26 @7935 has 10 MA's), (Start: 33 @7968 has 2 MA's), (66, 8160), (78, 8223), (85, 8259), (100, 8310), (104, 8322), (109, 8343), (128, 8421), (130, 8430), (132, 8475), (146, 8565), (147, 8568), (149, 8574), (150, 8586), (153, 8601), (154, 8613), (179, 8697), (184, 8730), (188, 8748), (196, 8793), (203, 8862), (205, 8874), (213, 8949), (218, 8973), (219, 8979), (223, 9006), (227, 9018), (229, 9024), (233, 9054), (234, 9057), (237, 9084), (242, 9150), (244, 9159), (256, 9234), (265, 9270), (282, 9315), (309, 9453), (310, 9456), (314, 9468), (335, 9555), (337, 9564), (338, 9573), (340, 9588), (348, 9618), (353, 9636), (356, 9651), (364, 9678), (368, 9690), (385, 9726),

Gene: Briakila_11 Start: 7103, Stop: 9007, Start Num: 7

Candidate Starts for Briakila_11:

(Start: 7 @7103 has 396 MA's), (9, 7130), (29, 7211), (39, 7274), (52, 7340), (58, 7373), (78, 7481), (97, 7571), (115, 7649), (130, 7706), (133, 7760), (146, 7841), (150, 7862), (154, 7889), (169, 7940), (170, 7949), (175, 7958), (203, 8135), (205, 8147), (213, 8222), (218, 8246), (222, 8267), (236, 8351), (253, 8489), (256, 8507), (262, 8534), (270, 8558), (310, 8723), (313, 8732), (337, 8837), (338, 8846), (344, 8873), (368, 8963), (369, 8966), (377, 8987), (383, 8999),

Gene: Brilliant_8 Start: 4440, Stop: 6359, Start Num: 7

Candidate Starts for Brilliant_8:

(Start: 7 @4440 has 396 MA's), (Start: 30 @4551 has 5 MA's), (34, 4566), (52, 4677), (76, 4809), (81, 4833), (82, 4839), (84, 4851), (87, 4863), (129, 5028), (144, 5154), (145, 5157), (146, 5169), (149, 5178), (150, 5190), (162, 5253), (165, 5262), (175, 5298), (180, 5316), (183, 5325), (191, 5373), (202, 5469), (203, 5475), (209, 5511), (213, 5559), (218, 5583), (246, 5778), (262, 5871), (321, 6123), (353, 6258), (364, 6300), (368, 6312),

Gene: BrownCNA_10 Start: 6999, Stop: 8888, Start Num: 7

Candidate Starts for BrownCNA_10:

(Start: 7 @6999 has 396 MA's), (Start: 8 @7014 has 5 MA's), (28, 7095), (32, 7110), (39, 7161), (43, 7170), (51, 7221), (72, 7326), (82, 7386), (109, 7482), (127, 7560), (128, 7563), (130, 7572), (132, 7617), (146, 7707), (147, 7710), (164, 7788), (167, 7800), (188, 7890), (191, 7902), (198, 7962), (203, 8004), (205, 8016), (218, 8115), (219, 8121), (223, 8148), (225, 8154), (228, 8163), (233, 8196), (301, 8568), (306, 8577), (307, 8580), (321, 8643), (336, 8703), (337, 8706), (338, 8715), (364, 8829), (372, 8853), (385, 8880),

Gene: Brownie5_12 Start: 7845, Stop: 9734, Start Num: 7

Candidate Starts for Brownie5_12:

(Start: 7 @7845 has 396 MA's), (13, 7893), (Start: 19 @7917 has 2 MA's), (Start: 26 @7935 has 10 MA's), (Start: 33 @7968 has 2 MA's), (51, 8076), (66, 8160), (78, 8223), (85, 8259), (100, 8310), (104, 8322), (109, 8343), (128, 8421), (130, 8430), (132, 8475), (146, 8565), (147, 8568), (149, 8574), (150, 8586), (153, 8601), (154, 8613), (179, 8697), (184, 8730), (188, 8748), (196, 8793), (203, 8862), (205, 8874), (213, 8949), (218, 8973), (219, 8979), (223, 9006), (227, 9018), (229, 9024), (233, 9054), (234, 9057), (237, 9084), (242, 9150), (244, 9159), (256, 9234), (265, 9270), (282, 9315), (309, 9453), (310, 9456), (314, 9468), (335, 9555), (337, 9564), (338, 9573), (340, 9588), (348, 9618), (353, 9636), (356, 9651), (364, 9678), (368, 9690), (385, 9726),

Gene: Buckeye_8 Start: 4443, Stop: 6362, Start Num: 7

Candidate Starts for Buckeye_8:

(Start: 7 @4443 has 396 MA's), (Start: 8 @4458 has 5 MA's), (Start: 30 @4554 has 5 MA's), (34, 4569), (52, 4680), (76, 4812), (81, 4836), (82, 4842), (84, 4854), (87, 4866), (129, 5031), (144, 5157), (145, 5160), (146, 5172), (149, 5181), (150, 5193), (162, 5256), (165, 5265), (175, 5301), (180, 5319), (183, 5328), (191, 5376), (202, 5472), (203, 5478), (209, 5514), (213, 5562), (218, 5586), (246, 5781), (262, 5874), (321, 6126), (353, 6261), (364, 6303), (368, 6315),

Gene: Burr_8 Start: 4442, Stop: 6361, Start Num: 7

Candidate Starts for Burr_8:

(Start: 7 @4442 has 396 MA's), (Start: 8 @4457 has 5 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: CRB2_11 Start: 7447, Stop: 9324, Start Num: 7

Candidate Starts for CRB2_11:

(Start: 7 @7447 has 396 MA's), (Start: 33 @7561 has 2 MA's), (59, 7723), (67, 7747), (68, 7753), (76, 7804), (82, 7834), (84, 7846), (109, 7909), (116, 7945), (118, 7960), (139, 8077), (146, 8134), (150, 8155), (154, 8182), (159, 8203), (164, 8224), (167, 8236), (179, 8275), (181, 8284), (189, 8329), (191, 8338), (197, 8389), (203, 8440), (218, 8551), (223, 8584), (227, 8596), (237, 8662), (253, 8794), (256, 8812), (258, 8818), (300, 9016), (306, 9028), (312, 9046), (313, 9049), (336, 9148), (338, 9160), (354, 9229),

Gene: CaiB_10 Start: 6894, Stop: 8627, Start Num: 33

Candidate Starts for CaiB_10:

(Start: 7 @6780 has 396 MA's), (Start: 33 @6894 has 2 MA's), (38, 6936), (51, 6999), (61, 7065), (85, 7170), (124, 7293), (126, 7299), (128, 7308), (130, 7317), (147, 7455), (150, 7473), (180, 7614), (184, 7641), (188, 7659), (191, 7671), (197, 7722), (203, 7773), (213, 7860), (256, 8142), (276, 8202), (278, 8211), (312, 8352), (313, 8355), (329, 8427), (331, 8433), (337, 8454), (349, 8511), (352, 8523), (359, 8556), (364, 8568), (368, 8580), (372, 8592), (377, 8604), (379, 8607),

Gene: Calamitous_12 Start: 7728, Stop: 9617, Start Num: 7

Candidate Starts for Calamitous_12:

(Start: 7 @7728 has 396 MA's), (13, 7776), (Start: 19 @7800 has 2 MA's), (Start: 26 @7818 has 10 MA's), (Start: 33 @7851 has 2 MA's), (51, 7959), (66, 8043), (78, 8106), (85, 8142), (100, 8193), (104, 8205), (109, 8226), (128, 8304), (130, 8313), (132, 8358), (146, 8448), (147, 8451), (149, 8457), (150, 8469), (153, 8484), (154, 8496), (179, 8580), (184, 8613), (188, 8631), (196, 8676), (203, 8745), (205, 8757), (213, 8832), (218, 8856), (219, 8862), (223, 8889), (227, 8901), (229, 8907), (233, 8937), (234, 8940), (237, 8967), (242, 9033), (244, 9042), (256, 9117), (265, 9153), (282, 9198), (309, 9336), (310, 9339), (314, 9351), (335, 9438), (337, 9447), (338, 9456), (340, 9471), (348, 9501), (353, 9519), (356, 9534), (364, 9561), (368, 9573), (385, 9609),

Gene: CamL_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for CamL_8:

(Start: 7 @4438 has 396 MA's), (Start: 8 @4453 has 5 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: CampRoach_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for CampRoach_8:

(Start: 7 @4438 has 396 MA's), (Start: 8 @4453 has 5 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: Cannibal_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Cannibal_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Carthage_8 Start: 4442, Stop: 6361, Start Num: 7

Candidate Starts for Carthage_8:

(Start: 7 @4442 has 396 MA's), (Start: 8 @4457 has 5 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: Casbah_10 Start: 6163, Stop: 8070, Start Num: 7

Candidate Starts for Casbah_10:

(Start: 7 @6163 has 396 MA's), (9, 6190), (29, 6271), (39, 6334), (52, 6400), (58, 6433), (78, 6541), (97, 6631), (115, 6709), (130, 6766), (133, 6820), (146, 6901), (150, 6922), (154, 6949), (169, 7000),

(170, 7009), (175, 7018), (203, 7195), (205, 7207), (213, 7282), (218, 7306), (222, 7327), (236, 7411), (253, 7549), (256, 7567), (262, 7594), (270, 7618), (310, 7786), (313, 7795), (337, 7900), (338, 7909), (344, 7936), (368, 8026), (377, 8050), (383, 8062),

Gene: Cepens_6 Start: 3346, Stop: 5202, Start Num: 7

Candidate Starts for Cepens_6:

(Start: 5 @3328 has 7 MA's), (Start: 7 @3346 has 396 MA's), (Start: 19 @3403 has 2 MA's), (47, 3541), (51, 3571), (60, 3625), (82, 3736), (112, 3865), (128, 3922), (130, 3931), (132, 3976), (136, 3994), (148, 4072), (149, 4075), (175, 4159), (182, 4183), (185, 4207), (203, 4336), (205, 4348), (209, 4372), (213, 4423), (223, 4480), (227, 4492), (250, 4666), (262, 4735), (329, 4987), (364, 5128), (368, 5140), (387, 5182),

Gene: ChaChing_11 Start: 6329, Stop: 8233, Start Num: 7

Candidate Starts for ChaChing_11:

(Start: 7 @6329 has 396 MA's), (9, 6356), (29, 6437), (39, 6500), (52, 6566), (58, 6599), (78, 6707), (97, 6797), (115, 6875), (130, 6932), (133, 6986), (146, 7067), (150, 7088), (154, 7115), (169, 7166), (170, 7175), (175, 7184), (203, 7361), (205, 7373), (213, 7448), (218, 7472), (222, 7493), (236, 7577), (253, 7715), (256, 7733), (262, 7760), (270, 7784), (310, 7949), (313, 7958), (337, 8063), (338, 8072), (344, 8099), (368, 8189), (377, 8213), (383, 8225),

Gene: Chaelin_8 Start: 4439, Stop: 6358, Start Num: 7

Candidate Starts for Chaelin_8:

(Start: 7 @4439 has 396 MA's), (Start: 30 @4550 has 5 MA's), (34, 4565), (52, 4676), (76, 4808), (81, 4832), (82, 4838), (87, 4862), (115, 4976), (129, 5027), (144, 5153), (145, 5156), (146, 5168), (149, 5177), (150, 5189), (162, 5252), (165, 5261), (175, 5297), (180, 5315), (183, 5324), (191, 5372), (202, 5468), (203, 5474), (209, 5510), (213, 5558), (218, 5582), (246, 5777), (262, 5870), (321, 6122), (353, 6257), (364, 6299), (368, 6311),

Gene: Chah_8 Start: 4439, Stop: 6358, Start Num: 7

Candidate Starts for Chah_8:

(Start: 7 @4439 has 396 MA's), (Start: 8 @4454 has 5 MA's), (Start: 30 @4550 has 5 MA's), (34, 4565), (52, 4676), (76, 4808), (81, 4832), (82, 4838), (84, 4850), (87, 4862), (129, 5027), (144, 5153), (145, 5156), (146, 5168), (149, 5177), (150, 5189), (162, 5252), (165, 5261), (175, 5297), (180, 5315), (183, 5324), (191, 5372), (202, 5468), (203, 5474), (209, 5510), (213, 5558), (218, 5582), (246, 5777), (262, 5870), (321, 6122), (353, 6257), (364, 6299), (368, 6311),

Gene: Chandler_11 Start: 7077, Stop: 8981, Start Num: 7

Candidate Starts for Chandler_11:

(Start: 7 @7077 has 396 MA's), (9, 7104), (29, 7185), (39, 7248), (52, 7314), (58, 7347), (78, 7455), (97, 7545), (115, 7623), (130, 7680), (133, 7734), (146, 7815), (150, 7836), (154, 7863), (169, 7914), (170, 7923), (175, 7932), (203, 8109), (205, 8121), (213, 8196), (218, 8220), (222, 8241), (236, 8325), (253, 8463), (256, 8481), (262, 8508), (270, 8532), (310, 8697), (313, 8706), (337, 8811), (338, 8820), (344, 8847), (368, 8937), (377, 8961), (383, 8973),

Gene: Charles1_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Charles1_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: CharlieGBrown_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for CharlieGBrown_8:

(Start: 7 @4438 has 396 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (87, 4861), (115, 4975), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (336, 6181), (353, 6256), (364, 6298), (368, 6310),

Gene: CharlottesWeb_8 Start: 5358, Stop: 7151, Start Num: 14

Candidate Starts for CharlottesWeb_8:

(Start: 7 @5310 has 396 MA's), (Start: 14 @5358 has 2 MA's), (Start: 33 @5424 has 2 MA's), (38, 5466), (52, 5535), (78, 5661), (82, 5679), (111, 5760), (128, 5832), (132, 5886), (139, 5919), (146, 5976), (147, 5979), (150, 5997), (156, 6042), (161, 6063), (188, 6174), (191, 6186), (193, 6201), (197, 6237), (203, 6288), (205, 6300), (213, 6375), (218, 6399), (224, 6435), (227, 6444), (233, 6480), (235, 6501), (309, 6867), (312, 6876), (313, 6879), (329, 6951), (331, 6957), (337, 6978), (338, 6987), (355, 7059), (364, 7092), (368, 7104), (372, 7116), (377, 7128), (379, 7131),

Gene: CheetO_8 Start: 4552, Stop: 6360, Start Num: 30

Candidate Starts for CheetO_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Cher_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Cher_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Childish_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Childish_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Chorkpop_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Chorkpop_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: ChrisnMich_8 Start: 5643, Stop: 7532, Start Num: 7

Candidate Starts for ChrisnMich_8:

(Start: 7 @5643 has 396 MA's), (28, 5739), (32, 5754), (39, 5805), (43, 5814), (51, 5865), (53, 5874), (72, 5970), (82, 6030), (109, 6126), (128, 6207), (132, 6261), (146, 6351), (147, 6354), (164, 6432), (167, 6444), (191, 6546), (198, 6606), (203, 6648), (205, 6660), (213, 6735), (214, 6741), (218, 6759),

(219, 6765), (223, 6792), (225, 6798), (233, 6840), (237, 6870), (301, 7212), (306, 7221), (307, 7224), (319, 7281), (321, 7287), (336, 7347), (337, 7350), (338, 7359), (364, 7473), (381, 7518), (385, 7524),

Gene: Chunky_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Chunky_8:

(Start: 7 @4441 has 396 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Chute_8 Start: 4549, Stop: 6357, Start Num: 30

Candidate Starts for Chute_8:

(Start: 7 @4438 has 396 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: Clawz_41 Start: 18090, Stop: 20060, Start Num: 6

Candidate Starts for Clawz_41:

(Start: 6 @18090 has 4 MA's), (10, 18135), (21, 18186), (50, 18330), (62, 18402), (82, 18489), (109, 18564), (115, 18600), (130, 18657), (138, 18732), (150, 18813), (157, 18885), (158, 18888), (165, 18918), (173, 18951), (190, 19026), (194, 19056), (199, 19095), (205, 19146), (210, 19179), (220, 19251), (232, 19323), (233, 19326), (237, 19356), (245, 19434), (250, 19464), (257, 19509), (286, 19602), (297, 19710), (306, 19725), (316, 19767), (333, 19845), (346, 19896), (350, 19914), (390, 20052),

Gene: CloverMinnie_10 Start: 6780, Stop: 8627, Start Num: 7

Candidate Starts for CloverMinnie_10:

(Start: 7 @6780 has 396 MA's), (Start: 33 @6894 has 2 MA's), (38, 6936), (51, 6999), (85, 7170), (124, 7293), (126, 7299), (128, 7308), (130, 7317), (147, 7455), (150, 7473), (180, 7614), (184, 7641), (188, 7659), (191, 7671), (197, 7722), (203, 7773), (213, 7860), (227, 7929), (256, 8142), (276, 8202), (278, 8211), (312, 8352), (313, 8355), (329, 8427), (331, 8433), (337, 8454), (349, 8511), (359, 8556), (364, 8568), (368, 8580), (372, 8592), (377, 8604), (379, 8607),

Gene: Cobra_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Cobra_8:

(Start: 7 @4438 has 396 MA's), (Start: 8 @4453 has 5 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: Coffee_12 Start: 7845, Stop: 9734, Start Num: 7

Candidate Starts for Coffee_12:

(Start: 7 @7845 has 396 MA's), (13, 7893), (Start: 19 @7917 has 2 MA's), (Start: 26 @7935 has 10 MA's), (Start: 33 @7968 has 2 MA's), (51, 8076), (66, 8160), (78, 8223), (85, 8259), (100, 8310), (104, 8322), (109, 8343), (128, 8421), (130, 8430), (132, 8475), (146, 8565), (147, 8568), (149, 8574), (150, 8586), (153, 8601), (154, 8613), (179, 8697), (184, 8730), (188, 8748), (196, 8793), (203, 8862), (205, 8874), (213, 8949), (218, 8973), (219, 8979), (223, 9006), (227, 9018), (229, 9024), (233, 9054), (234, 9057), (237, 9084), (242, 9150), (244, 9159), (256, 9234), (265, 9270), (282, 9315), (309, 9453), (310, 9456), (314, 9468), (335, 9555), (337, 9564), (338, 9573), (340, 9588), (348, 9618), (353, 9636), (356,

9651), (364, 9678), (368, 9690), (385, 9726),

Gene: Colbert_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Colbert_8:

(Start: 7 @4438 has 396 MA's), (Start: 8 @4453 has 5 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: ColdSoup_42 Start: 18192, Stop: 20150, Start Num: 6

Candidate Starts for ColdSoup_42:

(Start: 6 @18192 has 4 MA's), (10, 18237), (21, 18288), (27, 18315), (63, 18504), (109, 18663), (130, 18756), (138, 18831), (149, 18900), (150, 18912), (151, 18918), (165, 19020), (173, 19053), (189, 19125), (190, 19128), (194, 19158), (199, 19197), (205, 19248), (210, 19281), (232, 19425), (233, 19428), (237, 19458), (250, 19566), (255, 19602), (257, 19611), (293, 19746), (316, 19860), (337, 19950), (374, 20103), (390, 20142),

Gene: Coldpizza_9 Start: 7349, Stop: 9073, Start Num: 33

Candidate Starts for Coldpizza_9:

(Start: 7 @7235 has 396 MA's), (Start: 33 @7349 has 2 MA's), (38, 7391), (52, 7460), (82, 7604), (83, 7607), (87, 7628), (89, 7631), (111, 7694), (146, 7910), (149, 7919), (150, 7931), (162, 7985), (166, 7997), (179, 8042), (188, 8093), (191, 8105), (193, 8120), (203, 8207), (219, 8324), (227, 8363), (310, 8789), (313, 8798), (337, 8897), (338, 8906), (377, 9047), (383, 9059),

Gene: Coletti_8 Start: 4549, Stop: 6357, Start Num: 30

Candidate Starts for Coletti_8:

(Start: 7 @4438 has 396 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: Compostia_11 Start: 6322, Stop: 8226, Start Num: 7

Candidate Starts for Compostia_11:

(Start: 7 @6322 has 396 MA's), (9, 6349), (29, 6430), (39, 6493), (52, 6559), (58, 6592), (78, 6700), (97, 6790), (115, 6868), (130, 6925), (133, 6979), (146, 7060), (150, 7081), (154, 7108), (169, 7159), (170, 7168), (175, 7177), (203, 7354), (205, 7366), (213, 7441), (218, 7465), (222, 7486), (236, 7570), (253, 7708), (256, 7726), (262, 7753), (270, 7777), (310, 7942), (313, 7951), (337, 8056), (338, 8065), (344, 8092), (368, 8182), (377, 8206), (383, 8218),

Gene: Cooper_9 Start: 5704, Stop: 7593, Start Num: 7

Candidate Starts for Cooper_9:

(Start: 7 @5704 has 396 MA's), (Start: 26 @5785 has 10 MA's), (32, 5815), (39, 5866), (43, 5875), (72, 6031), (82, 6091), (99, 6151), (127, 6265), (128, 6268), (132, 6322), (146, 6412), (147, 6415), (154, 6460), (162, 6487), (167, 6505), (191, 6607), (193, 6622), (198, 6667), (203, 6709), (205, 6721), (213, 6796), (218, 6820), (219, 6826), (223, 6853), (225, 6859), (233, 6901), (257, 7084), (262, 7108), (306, 7282), (307, 7285), (315, 7309), (319, 7342), (336, 7408), (337, 7411), (338, 7420), (356, 7498), (374, 7564), (385, 7585),

Gene: Cornobble_8 Start: 4439, Stop: 6358, Start Num: 7

Candidate Starts for Cornobble_8:

(Start: 7 @4439 has 396 MA's), (Start: 8 @4454 has 5 MA's), (Start: 30 @4550 has 5 MA's), (34, 4565), (52, 4676), (76, 4808), (81, 4832), (82, 4838), (84, 4850), (87, 4862), (129, 5027), (144, 5153), (145, 5156), (146, 5168), (149, 5177), (150, 5189), (162, 5252), (165, 5261), (175, 5297), (180, 5315), (183, 5324), (191, 5372), (202, 5468), (203, 5474), (209, 5510), (213, 5558), (218, 5582), (246, 5777), (262, 5870), (321, 6122), (353, 6257), (364, 6299), (368, 6311),

Gene: Corofin_11 Start: 6339, Stop: 8243, Start Num: 7

Candidate Starts for Corofin_11:

(Start: 7 @6339 has 396 MA's), (9, 6366), (29, 6447), (39, 6510), (52, 6576), (58, 6609), (78, 6717), (97, 6807), (115, 6885), (130, 6942), (133, 6996), (146, 7077), (150, 7098), (154, 7125), (169, 7176), (170, 7185), (175, 7194), (203, 7371), (205, 7383), (213, 7458), (218, 7482), (222, 7503), (236, 7587), (253, 7725), (256, 7743), (262, 7770), (270, 7794), (310, 7959), (313, 7968), (337, 8073), (338, 8082), (344, 8109), (368, 8199), (377, 8223), (383, 8235),

Gene: Cosmolli16_8 Start: 4439, Stop: 6358, Start Num: 7

Candidate Starts for Cosmolli16_8:

(Start: 7 @4439 has 396 MA's), (Start: 8 @4454 has 5 MA's), (Start: 30 @4550 has 5 MA's), (34, 4565), (52, 4676), (76, 4808), (81, 4832), (82, 4838), (84, 4850), (87, 4862), (129, 5027), (144, 5153), (145, 5156), (146, 5168), (149, 5177), (150, 5189), (162, 5252), (165, 5261), (175, 5297), (180, 5315), (183, 5324), (191, 5372), (202, 5468), (203, 5474), (209, 5510), (213, 5558), (218, 5582), (246, 5777), (262, 5870), (321, 6122), (353, 6257), (364, 6299), (368, 6311),

Gene: Craff_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Craff_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Crownjwl_9 Start: 4676, Stop: 6595, Start Num: 7

Candidate Starts for Crownjwl_9:

(Start: 7 @4676 has 396 MA's), (Start: 30 @4787 has 5 MA's), (34, 4802), (52, 4913), (76, 5045), (81, 5069), (82, 5075), (84, 5087), (87, 5099), (129, 5264), (144, 5390), (145, 5393), (146, 5405), (149, 5414), (150, 5426), (162, 5489), (165, 5498), (175, 5534), (180, 5552), (183, 5561), (191, 5609), (202, 5705), (203, 5711), (209, 5747), (213, 5795), (218, 5819), (246, 6014), (262, 6107), (321, 6359), (353, 6494), (364, 6536), (368, 6548),

Gene: D12_06 Start: 3403, Stop: 5202, Start Num: 19

Candidate Starts for D12_06:

(Start: 5 @3328 has 7 MA's), (Start: 7 @3346 has 396 MA's), (Start: 19 @3403 has 2 MA's), (47, 3541), (51, 3571), (60, 3625), (82, 3736), (112, 3865), (128, 3922), (130, 3931), (132, 3976), (136, 3994), (148, 4072), (149, 4075), (175, 4159), (182, 4183), (185, 4207), (203, 4336), (205, 4348), (209, 4372), (213, 4423), (223, 4480), (227, 4492), (250, 4666), (262, 4735), (329, 4987), (364, 5128), (368, 5140), (387, 5182),

Gene: DaddyDaniels_8 Start: 4440, Stop: 6359, Start Num: 7

Candidate Starts for DaddyDaniels_8:

(Start: 7 @4440 has 396 MA's), (Start: 30 @4551 has 5 MA's), (34, 4566), (52, 4677), (76, 4809), (81, 4833), (82, 4839), (84, 4851), (87, 4863), (129, 5028), (144, 5154), (145, 5157), (146, 5169), (149, 5178), (150, 5190), (162, 5253), (165, 5262), (175, 5298), (180, 5316), (183, 5325), (191, 5373), (202, 5469), (203, 5475), (209, 5511), (213, 5559), (218, 5583), (246, 5778), (262, 5871), (321, 6123), (353, 6258), (364, 6300), (368, 6312),

Gene: Daffy_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Daffy_8:

(Start: 7 @4441 has 396 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Daisy_11 Start: 6317, Stop: 8221, Start Num: 7

Candidate Starts for Daisy_11:

(Start: 7 @6317 has 396 MA's), (9, 6344), (29, 6425), (39, 6488), (52, 6554), (58, 6587), (78, 6695), (97, 6785), (115, 6863), (130, 6920), (133, 6974), (146, 7055), (150, 7076), (154, 7103), (169, 7154), (170, 7163), (175, 7172), (203, 7349), (205, 7361), (213, 7436), (218, 7460), (222, 7481), (236, 7565), (253, 7703), (256, 7721), (262, 7748), (270, 7772), (310, 7937), (313, 7946), (337, 8051), (338, 8060), (344, 8087), (368, 8177), (377, 8201), (383, 8213),

Gene: Daka_8 Start: 4444, Stop: 6363, Start Num: 7

Candidate Starts for Daka_8:

(Start: 7 @4444 has 396 MA's), (Start: 8 @4459 has 5 MA's), (Start: 30 @4555 has 5 MA's), (34, 4570), (52, 4681), (76, 4813), (81, 4837), (82, 4843), (84, 4855), (87, 4867), (129, 5032), (144, 5158), (145, 5161), (146, 5173), (149, 5182), (150, 5194), (162, 5257), (165, 5266), (175, 5302), (180, 5320), (183, 5329), (191, 5377), (202, 5473), (203, 5479), (209, 5515), (213, 5563), (218, 5587), (246, 5782), (262, 5875), (321, 6127), (353, 6262), (364, 6304), (368, 6316),

Gene: Dati_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Dati_8:

(Start: 7 @4438 has 396 MA's), (Start: 8 @4453 has 5 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: Deenasa_11 Start: 7077, Stop: 8981, Start Num: 7

Candidate Starts for Deenasa_11:

(Start: 7 @7077 has 396 MA's), (9, 7104), (29, 7185), (39, 7248), (52, 7314), (58, 7347), (78, 7455), (97, 7545), (115, 7623), (130, 7680), (133, 7734), (146, 7815), (150, 7836), (154, 7863), (169, 7914), (170, 7923), (175, 7932), (203, 8109), (205, 8121), (213, 8196), (218, 8220), (222, 8241), (236, 8325), (253, 8463), (256, 8481), (262, 8508), (270, 8532), (313, 8706), (337, 8811), (338, 8820), (344, 8847), (368, 8937), (377, 8961), (383, 8973),

Gene: DelRivs_8 Start: 4440, Stop: 6359, Start Num: 7

Candidate Starts for DelRivs_8:

(Start: 7 @4440 has 396 MA's), (Start: 30 @4551 has 5 MA's), (34, 4566), (52, 4677), (76, 4809), (81, 4833), (82, 4839), (84, 4851), (87, 4863), (129, 5028), (144, 5154), (145, 5157), (146, 5169), (149, 5178), (150, 5190), (162, 5253), (165, 5262), (175, 5298), (180, 5316), (183, 5325), (191, 5373), (202, 5469), (203, 5475), (209, 5511), (213, 5559), (218, 5583), (246, 5778), (262, 5871), (321, 6123), (353, 6258), (364, 6300), (368, 6312),

Gene: Derpp_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Derpp_8:

(Start: 7 @4438 has 396 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (87, 4861), (115, 4975), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149,

5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (336, 6181), (353, 6256), (364, 6298), (368, 6310),

Gene: Devonte_11 Start: 6314, Stop: 8218, Start Num: 7

Candidate Starts for Devonte_11:

(Start: 7 @6314 has 396 MA's), (9, 6341), (29, 6422), (39, 6485), (52, 6551), (58, 6584), (78, 6692), (97, 6782), (115, 6860), (130, 6917), (133, 6971), (146, 7052), (150, 7073), (154, 7100), (169, 7151), (170, 7160), (175, 7169), (203, 7346), (205, 7358), (213, 7433), (218, 7457), (222, 7478), (236, 7562), (253, 7700), (256, 7718), (262, 7745), (270, 7769), (310, 7934), (313, 7943), (337, 8048), (338, 8057), (344, 8084), (368, 8174), (377, 8198), (383, 8210),

Gene: Dice_8 Start: 4440, Stop: 6359, Start Num: 7

Candidate Starts for Dice_8:

(Start: 7 @4440 has 396 MA's), (Start: 8 @4455 has 5 MA's), (Start: 30 @4551 has 5 MA's), (34, 4566), (52, 4677), (76, 4809), (81, 4833), (82, 4839), (84, 4851), (87, 4863), (129, 5028), (144, 5154), (145, 5157), (146, 5169), (149, 5178), (150, 5190), (162, 5253), (165, 5262), (175, 5298), (180, 5316), (183, 5325), (191, 5373), (202, 5469), (203, 5475), (209, 5511), (213, 5559), (218, 5583), (246, 5778), (262, 5871), (321, 6123), (353, 6258), (364, 6300), (368, 6312),

Gene: DigitDog_10 Start: 6702, Stop: 8567, Start Num: 7

Candidate Starts for DigitDog_10:

(Start: 7 @6702 has 396 MA's), (Start: 8 @6717 has 5 MA's), (38, 6855), (43, 6867), (53, 6927), (59, 6969), (77, 7053), (79, 7065), (81, 7074), (116, 7191), (118, 7206), (130, 7245), (147, 7383), (150, 7401), (162, 7455), (194, 7599), (198, 7635), (203, 7677), (213, 7764), (218, 7788), (223, 7821), (227, 7833), (230, 7845), (233, 7869), (256, 8049), (259, 8067), (298, 8247), (307, 8268), (314, 8289), (336, 8391), (349, 8451), (385, 8559), (387, 8562),

Gene: Dingo_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Dingo_8:

(Start: 7 @4438 has 396 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: Dione_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Dione_8:

(Start: 7 @4441 has 396 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: DirtJuice_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for DirtJuice_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Doddsville_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Doddsville_8:

(Start: 7 @4438 has 396 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: DoesntMatter_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for DoesntMatter_8:

(Start: 7 @4438 has 396 MA's), (Start: 8 @4453 has 5 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: DonSanchon_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for DonSanchon_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: DonTron_41 Start: 18262, Stop: 20220, Start Num: 6

Candidate Starts for DonTron_41:

(Start: 6 @18262 has 4 MA's), (10, 18307), (21, 18358), (27, 18385), (63, 18574), (109, 18733), (130, 18826), (138, 18901), (149, 18970), (150, 18982), (151, 18988), (165, 19090), (173, 19123), (189, 19195), (190, 19198), (194, 19228), (199, 19267), (210, 19351), (232, 19495), (233, 19498), (237, 19528), (250, 19636), (255, 19672), (257, 19681), (293, 19816), (309, 19897), (316, 19930), (337, 20020), (374, 20173), (390, 20212),

Gene: Donny_10 Start: 6695, Stop: 8560, Start Num: 7

Candidate Starts for Donny_10:

(Start: 7 @6695 has 396 MA's), (Start: 8 @6710 has 5 MA's), (18, 6752), (38, 6848), (43, 6860), (77, 7046), (79, 7058), (81, 7067), (116, 7184), (118, 7199), (130, 7238), (147, 7376), (150, 7394), (164, 7454), (194, 7592), (198, 7628), (203, 7670), (205, 7682), (213, 7757), (218, 7781), (223, 7814), (227, 7826), (230, 7838), (233, 7862), (256, 8042), (259, 8060), (298, 8240), (307, 8261), (314, 8282), (336, 8384), (349, 8444), (385, 8552), (387, 8555),

Gene: Dori_7 Start: 3691, Stop: 5658, Start Num: 5

Candidate Starts for Dori_7:

(Start: 5 @3691 has 7 MA's), (Start: 7 @3709 has 396 MA's), (20, 3787), (Start: 26 @3817 has 10 MA's), (29, 3835), (51, 3958), (70, 4054), (72, 4063), (80, 4114), (105, 4213), (112, 4258), (128, 4318), (130, 4327), (132, 4372), (137, 4393), (145, 4450), (148, 4468), (163, 4549), (168, 4570), (171, 4582), (175, 4591), (179, 4603), (188, 4654), (189, 4657), (194, 4690), (203, 4768), (205, 4780), (209, 4804), (217, 4876), (218, 4879), (233, 4960), (243, 5059), (248, 5089), (256, 5140), (309, 5374), (325, 5440), (327, 5449), (337, 5485), (340, 5509), (359, 5587), (364, 5599), (385, 5650), (387, 5653),

Gene: DuchessDung_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for DuchessDung_8:

(Start: 7 @4438 has 396 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (87, 4861), (115, 4975), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202,

5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (336, 6181), (353, 6256), (364, 6298), (368, 6310),

Gene: Duggie_8 Start: 4440, Stop: 6359, Start Num: 7

Candidate Starts for Duggie_8:

(Start: 7 @4440 has 396 MA's), (Start: 30 @4551 has 5 MA's), (34, 4566), (52, 4677), (76, 4809), (81, 4833), (82, 4839), (84, 4851), (87, 4863), (129, 5028), (144, 5154), (145, 5157), (146, 5169), (149, 5178), (150, 5190), (162, 5253), (165, 5262), (175, 5298), (180, 5316), (183, 5325), (191, 5373), (202, 5469), (203, 5475), (209, 5511), (213, 5559), (218, 5583), (246, 5778), (262, 5871), (321, 6123), (353, 6258), (364, 6300), (368, 6312),

Gene: Durga_8 Start: 4437, Stop: 6356, Start Num: 7

Candidate Starts for Durga_8:

(Start: 7 @4437 has 396 MA's), (Start: 30 @4548 has 5 MA's), (34, 4563), (52, 4674), (76, 4806), (81, 4830), (82, 4836), (84, 4848), (87, 4860), (129, 5025), (144, 5151), (145, 5154), (146, 5166), (149, 5175), (150, 5187), (162, 5250), (165, 5259), (175, 5295), (180, 5313), (183, 5322), (191, 5370), (202, 5466), (203, 5472), (209, 5508), (213, 5556), (218, 5580), (246, 5775), (262, 5868), (321, 6120), (353, 6255), (364, 6297), (368, 6309),

Gene: Eaglehorse_12 Start: 7746, Stop: 9635, Start Num: 7

Candidate Starts for Eaglehorse_12:

(Start: 7 @7746 has 396 MA's), (13, 7794), (Start: 19 @7818 has 2 MA's), (Start: 26 @7836 has 10 MA's), (Start: 33 @7869 has 2 MA's), (51, 7977), (66, 8061), (78, 8124), (85, 8160), (100, 8211), (104, 8223), (109, 8244), (128, 8322), (130, 8331), (132, 8376), (146, 8466), (147, 8469), (149, 8475), (150, 8487), (153, 8502), (154, 8514), (179, 8598), (184, 8631), (188, 8649), (196, 8694), (203, 8763), (205, 8775), (213, 8850), (218, 8874), (219, 8880), (223, 8907), (227, 8919), (229, 8925), (233, 8955), (234, 8958), (237, 8985), (242, 9051), (244, 9060), (256, 9135), (265, 9171), (282, 9216), (309, 9354), (310, 9357), (314, 9369), (335, 9456), (337, 9465), (338, 9474), (340, 9489), (348, 9519), (353, 9537), (356, 9552), (364, 9579), (368, 9591), (385, 9627),

Gene: EastView9101_10 Start: 6695, Stop: 8563, Start Num: 7

Candidate Starts for EastView9101_10:

(Start: 7 @6695 has 396 MA's), (Start: 8 @6710 has 5 MA's), (9, 6719), (38, 6851), (43, 6863), (44, 6872), (77, 7049), (79, 7061), (81, 7070), (82, 7076), (116, 7187), (118, 7202), (130, 7241), (147, 7379), (150, 7397), (164, 7457), (194, 7595), (198, 7631), (203, 7673), (205, 7685), (213, 7760), (218, 7784), (223, 7817), (227, 7829), (230, 7841), (233, 7865), (256, 8045), (259, 8063), (298, 8243), (307, 8264), (314, 8285), (336, 8387), (349, 8447), (385, 8555), (387, 8558),

Gene: Emiris_8 Start: 4442, Stop: 6361, Start Num: 7

Candidate Starts for Emiris_8:

(Start: 7 @4442 has 396 MA's), (Start: 8 @4457 has 5 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: EmpTee_8 Start: 4442, Stop: 6361, Start Num: 7

Candidate Starts for EmpTee_8:

(Start: 7 @4442 has 396 MA's), (Start: 8 @4457 has 5 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: Epah_8 Start: 5643, Stop: 7532, Start Num: 7

Candidate Starts for Epah_8:

(Start: 7 @5643 has 396 MA's), (28, 5739), (32, 5754), (39, 5805), (43, 5814), (51, 5865), (53, 5874), (72, 5970), (82, 6030), (109, 6126), (128, 6207), (132, 6261), (146, 6351), (147, 6354), (164, 6432), (167, 6444), (191, 6546), (198, 6606), (203, 6648), (205, 6660), (213, 6735), (218, 6759), (219, 6765), (223, 6792), (225, 6798), (233, 6840), (237, 6870), (301, 7212), (306, 7221), (307, 7224), (319, 7281), (336, 7347), (337, 7350), (338, 7359), (364, 7473), (381, 7518), (385, 7524),

Gene: Eremos_8 Start: 4441, Stop: 6354, Start Num: 7

Candidate Starts for Eremos_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6118), (353, 6253), (364, 6295), (368, 6307),

Gene: Etaye_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Etaye_8:

(Start: 7 @4438 has 396 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: Eugenia_8 Start: 4442, Stop: 6361, Start Num: 7

Candidate Starts for Eugenia_8:

(Start: 7 @4442 has 396 MA's), (Start: 8 @4457 has 5 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: Evaa_9 Start: 6619, Stop: 8448, Start Num: 7

Candidate Starts for Evaa_9:

(Start: 7 @6619 has 396 MA's), (12, 6664), (Start: 33 @6733 has 2 MA's), (38, 6775), (51, 6838), (62, 6907), (71, 6925), (87, 7012), (120, 7132), (134, 7222), (139, 7243), (146, 7300), (149, 7309), (150, 7321), (179, 7432), (188, 7483), (191, 7495), (193, 7510), (203, 7597), (205, 7609), (213, 7684), (218, 7708), (227, 7753), (233, 7789), (256, 7966), (309, 8173), (312, 8182), (313, 8185), (329, 8257), (337, 8284), (338, 8293), (364, 8398), (377, 8434), (379, 8437),

Gene: Fanaw_9 Start: 6763, Stop: 8637, Start Num: 8

Candidate Starts for Fanaw_9:

(Start: 7 @6748 has 396 MA's), (Start: 8 @6763 has 5 MA's), (28, 6844), (32, 6859), (39, 6910), (43, 6919), (51, 6970), (72, 7075), (82, 7135), (109, 7231), (127, 7309), (128, 7312), (132, 7366), (146, 7456), (147, 7459), (164, 7537), (167, 7549), (191, 7651), (198, 7711), (203, 7753), (205, 7765), (218, 7864), (219, 7870), (223, 7897), (225, 7903), (228, 7912), (233, 7945), (237, 7975), (301, 8317), (306, 8326), (318, 8368), (321, 8392), (336, 8452), (337, 8455), (338, 8464), (364, 8578), (381, 8623), (385, 8629),

Gene: Fang_8 Start: 4442, Stop: 6361, Start Num: 7

Candidate Starts for Fang_8:

(Start: 7 @4442 has 396 MA's), (Start: 8 @4457 has 5 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: Faze9_12 Start: 7845, Stop: 9734, Start Num: 7

Candidate Starts for Faze9_12:

(Start: 7 @7845 has 396 MA's), (13, 7893), (Start: 19 @7917 has 2 MA's), (Start: 26 @7935 has 10 MA's), (Start: 33 @7968 has 2 MA's), (51, 8076), (66, 8160), (78, 8223), (85, 8259), (100, 8310), (104, 8322), (109, 8343), (128, 8421), (130, 8430), (132, 8475), (146, 8565), (147, 8568), (149, 8574), (150, 8586), (153, 8601), (154, 8613), (179, 8697), (184, 8730), (188, 8748), (196, 8793), (203, 8862), (205, 8874), (213, 8949), (218, 8973), (219, 8979), (223, 9006), (227, 9018), (229, 9024), (233, 9054), (234, 9057), (237, 9084), (242, 9150), (244, 9159), (256, 9234), (265, 9270), (282, 9315), (309, 9453), (310, 9456), (314, 9468), (335, 9555), (337, 9564), (338, 9573), (340, 9588), (348, 9618), (353, 9636), (356, 9651), (364, 9678), (368, 9690), (385, 9726),

Gene: FluffyNinja_8 Start: 4439, Stop: 6358, Start Num: 7

Candidate Starts for FluffyNinja_8:

(Start: 7 @4439 has 396 MA's), (Start: 8 @4454 has 5 MA's), (Start: 30 @4550 has 5 MA's), (34, 4565), (52, 4676), (76, 4808), (81, 4832), (82, 4838), (84, 4850), (87, 4862), (129, 5027), (144, 5153), (145, 5156), (146, 5168), (149, 5177), (150, 5189), (162, 5252), (165, 5261), (175, 5297), (180, 5315), (183, 5324), (191, 5372), (202, 5468), (203, 5474), (209, 5510), (213, 5558), (218, 5582), (246, 5777), (262, 5870), (321, 6122), (353, 6257), (364, 6299), (368, 6311),

Gene: Fortunato_9 Start: 6742, Stop: 8628, Start Num: 7

Candidate Starts for Fortunato_9:

(Start: 7 @6742 has 396 MA's), (Start: 8 @6757 has 5 MA's), (28, 6838), (32, 6853), (39, 6904), (43, 6913), (51, 6964), (72, 7069), (82, 7129), (109, 7225), (127, 7303), (128, 7306), (132, 7360), (146, 7450), (147, 7453), (164, 7531), (167, 7543), (191, 7645), (198, 7705), (203, 7747), (205, 7759), (218, 7858), (219, 7864), (223, 7891), (225, 7897), (233, 7939), (237, 7969), (301, 8308), (306, 8317), (307, 8320), (318, 8359), (321, 8383), (336, 8443), (337, 8446), (338, 8455), (364, 8569), (381, 8614), (385, 8620),

Gene: Fozzie_8 Start: 4439, Stop: 6358, Start Num: 7

Candidate Starts for Fozzie_8:

(Start: 7 @4439 has 396 MA's), (Start: 30 @4550 has 5 MA's), (34, 4565), (52, 4676), (76, 4808), (81, 4832), (82, 4838), (84, 4850), (87, 4862), (129, 5027), (144, 5153), (145, 5156), (146, 5168), (149, 5177), (150, 5189), (162, 5252), (165, 5261), (175, 5297), (180, 5315), (183, 5324), (191, 5372), (202, 5468), (203, 5474), (209, 5510), (213, 5558), (218, 5582), (246, 5777), (262, 5870), (321, 6122), (353, 6257), (364, 6299), (368, 6311),

Gene: Frankicide_8 Start: 4443, Stop: 6362, Start Num: 7

Candidate Starts for Frankicide_8:

(Start: 7 @4443 has 396 MA's), (Start: 8 @4458 has 5 MA's), (Start: 30 @4554 has 5 MA's), (34, 4569), (52, 4680), (76, 4812), (81, 4836), (82, 4842), (84, 4854), (87, 4866), (129, 5031), (144, 5157), (145, 5160), (146, 5172), (149, 5181), (150, 5193), (162, 5256), (165, 5265), (175, 5301), (180, 5319), (183, 5328), (191, 5376), (202, 5472), (203, 5478), (209, 5514), (213, 5562), (218, 5586), (246, 5781), (262, 5874), (321, 6126), (353, 6261), (364, 6303), (368, 6315),

Gene: Frederick_9 Start: 6748, Stop: 8637, Start Num: 7

Candidate Starts for Frederick_9:

(Start: 7 @6748 has 396 MA's), (Start: 8 @6763 has 5 MA's), (28, 6844), (32, 6859), (39, 6910), (43, 6919), (51, 6970), (72, 7075), (82, 7135), (109, 7231), (127, 7309), (128, 7312), (130, 7321), (132, 7366), (146, 7456), (147, 7459), (164, 7537), (167, 7549), (191, 7651), (198, 7711), (203, 7753), (205, 7765), (218, 7864), (219, 7870), (223, 7897), (225, 7903), (228, 7912), (233, 7945), (237, 7975), (301, 8317), (306, 8326), (307, 8329), (321, 8392), (336, 8452), (337, 8455), (338, 8464), (364, 8578), (372, 8602), (385, 8629),

Gene: FrenchFry_12 Start: 7845, Stop: 9734, Start Num: 7

Candidate Starts for FrenchFry_12:

(Start: 7 @7845 has 396 MA's), (13, 7893), (Start: 19 @7917 has 2 MA's), (Start: 26 @7935 has 10 MA's), (Start: 33 @7968 has 2 MA's), (51, 8076), (66, 8160), (78, 8223), (85, 8259), (100, 8310), (104, 8322), (109, 8343), (128, 8421), (130, 8430), (132, 8475), (146, 8565), (147, 8568), (149, 8574), (150, 8586), (153, 8601), (154, 8613), (179, 8697), (184, 8730), (188, 8748), (196, 8793), (203, 8862), (205, 8874), (213, 8949), (218, 8973), (219, 8979), (223, 9006), (227, 9018), (229, 9024), (233, 9054), (234, 9057), (237, 9084), (242, 9150), (244, 9159), (256, 9234), (265, 9270), (282, 9315), (309, 9453), (310, 9456), (314, 9468), (335, 9555), (337, 9564), (338, 9573), (340, 9588), (348, 9618), (353, 9636), (356, 9651), (364, 9678), (368, 9690), (385, 9726),

Gene: Fresco_8 Start: 5303, Stop: 7141, Start Num: 7

Candidate Starts for Fresco_8:

(Start: 7 @5303 has 396 MA's), (Start: 14 @5351 has 2 MA's), (Start: 33 @5417 has 2 MA's), (38, 5459), (62, 5591), (78, 5654), (82, 5672), (128, 5825), (130, 5834), (132, 5879), (139, 5912), (146, 5969), (147, 5972), (150, 5990), (155, 6023), (161, 6050), (188, 6161), (191, 6173), (193, 6188), (203, 6275), (205, 6287), (213, 6362), (218, 6386), (224, 6422), (226, 6428), (227, 6431), (228, 6434), (233, 6467), (312, 6866), (313, 6869), (314, 6872), (329, 6941), (331, 6947), (337, 6968), (344, 7004), (355, 7049), (359, 7070), (368, 7094), (372, 7106), (377, 7118), (379, 7121),

Gene: Freya_8 Start: 4442, Stop: 6361, Start Num: 7

Candidate Starts for Freya_8:

(Start: 7 @4442 has 396 MA's), (Start: 8 @4457 has 5 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: FriarPreacher_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for FriarPreacher_8:

(Start: 7 @4438 has 396 MA's), (Start: 8 @4453 has 5 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: Fringe_8 Start: 4439, Stop: 6358, Start Num: 7

Candidate Starts for Fringe_8:

(Start: 7 @4439 has 396 MA's), (Start: 8 @4454 has 5 MA's), (Start: 30 @4550 has 5 MA's), (34, 4565), (52, 4676), (76, 4808), (81, 4832), (82, 4838), (84, 4850), (87, 4862), (129, 5027), (144, 5153), (145, 5156), (146, 5168), (149, 5177), (150, 5189), (162, 5252), (165, 5261), (175, 5297), (180, 5315), (183, 5324), (191, 5372), (202, 5468), (203, 5474), (209, 5510), (213, 5558), (218, 5582), (246, 5777), (262, 5870), (321, 6122), (353, 6257), (364, 6299), (368, 6311),

Gene: FugateOSU_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for FugateOSU_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Funsized_14 Start: 8736, Stop: 10637, Start Num: 7

Candidate Starts for Funsized_14:

(Start: 7 @8736 has 396 MA's), (Start: 26 @8817 has 10 MA's), (46, 8931), (68, 9063), (97, 9207), (123, 9303), (130, 9330), (132, 9375), (143, 9432), (146, 9465), (147, 9468), (150, 9486), (165, 9549), (167, 9558), (170, 9576), (187, 9642), (188, 9648), (198, 9720), (203, 9762), (204, 9768), (223, 9903), (224, 9906), (227, 9915), (236, 9975), (251, 10098), (257, 10134), (263, 10161), (285, 10221), (306, 10335), (338, 10473), (354, 10542), (356, 10551),

Gene: Gadget_12 Start: 6318, Stop: 8222, Start Num: 7

Candidate Starts for Gadget_12:

(Start: 7 @6318 has 396 MA's), (9, 6345), (29, 6426), (39, 6489), (52, 6555), (58, 6588), (78, 6696), (97, 6786), (115, 6864), (130, 6921), (133, 6975), (146, 7056), (150, 7077), (154, 7104), (169, 7155), (170, 7164), (175, 7173), (203, 7350), (205, 7362), (213, 7437), (218, 7461), (222, 7482), (236, 7566), (253, 7704), (256, 7722), (262, 7749), (270, 7773), (310, 7938), (313, 7947), (337, 8052), (338, 8061), (344, 8088), (368, 8178), (377, 8202), (383, 8214),

Gene: Gareth_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Gareth_8:

(Start: 7 @4438 has 396 MA's), (Start: 8 @4453 has 5 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: GeneCoco_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for GeneCoco_8:

(Start: 7 @4441 has 396 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Gervas_11 Start: 6309, Stop: 8207, Start Num: 7

Candidate Starts for Gervas_11:

(Start: 7 @6309 has 396 MA's), (9, 6336), (29, 6417), (39, 6480), (52, 6546), (58, 6579), (78, 6687), (97, 6777), (115, 6855), (130, 6912), (133, 6966), (146, 7047), (150, 7068), (154, 7095), (169, 7146), (170, 7155), (175, 7164), (203, 7341), (205, 7353), (213, 7428), (218, 7452), (222, 7473), (236, 7557), (253, 7695), (256, 7713), (262, 7740), (270, 7764), (310, 7923), (313, 7932), (337, 8037), (338, 8046), (344, 8073), (368, 8163), (369, 8166), (377, 8187), (383, 8199),

Gene: GinPorsche_8 Start: 5643, Stop: 7532, Start Num: 7

Candidate Starts for GinPorsche_8:

(Start: 7 @5643 has 396 MA's), (28, 5739), (32, 5754), (39, 5805), (43, 5814), (51, 5865), (53, 5874), (72, 5970), (82, 6030), (99, 6090), (109, 6126), (128, 6207), (132, 6261), (146, 6351), (147, 6354), (164, 6432), (167, 6444), (191, 6546), (198, 6606), (203, 6648), (205, 6660), (209, 6684), (213, 6735), (218, 6759), (219, 6765), (223, 6792), (225, 6798), (233, 6840), (237, 6870), (306, 7221), (307, 7224), (319, 7281), (336, 7347), (337, 7350), (338, 7359), (364, 7473), (381, 7518), (385, 7524),

Gene: Giraffe_8 Start: 4442, Stop: 6361, Start Num: 7

Candidate Starts for Giraffe_8:

(Start: 7 @4442 has 396 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: Glass_12 Start: 7845, Stop: 9734, Start Num: 7

Candidate Starts for Glass_12:

(Start: 7 @7845 has 396 MA's), (13, 7893), (Start: 19 @7917 has 2 MA's), (Start: 26 @7935 has 10 MA's), (Start: 33 @7968 has 2 MA's), (66, 8160), (78, 8223), (85, 8259), (100, 8310), (104, 8322), (109, 8343), (128, 8421), (130, 8430), (132, 8475), (146, 8565), (147, 8568), (149, 8574), (150, 8586), (153, 8601), (154, 8613), (179, 8697), (184, 8730), (188, 8748), (196, 8793), (203, 8862), (205, 8874), (213, 8949), (218, 8973), (219, 8979), (223, 9006), (227, 9018), (229, 9024), (233, 9054), (234, 9057), (237, 9084), (242, 9150), (244, 9159), (256, 9234), (265, 9270), (282, 9315), (309, 9453), (310, 9456), (314, 9468), (335, 9555), (337, 9564), (338, 9573), (340, 9588), (348, 9618), (353, 9636), (356, 9651), (364, 9678), (368, 9690), (385, 9726),

Gene: GlenHope_12 Start: 6328, Stop: 8232, Start Num: 7

Candidate Starts for GlenHope_12:

(Start: 7 @6328 has 396 MA's), (9, 6355), (29, 6436), (39, 6499), (52, 6565), (58, 6598), (78, 6706), (97, 6796), (115, 6874), (130, 6931), (133, 6985), (146, 7066), (150, 7087), (154, 7114), (169, 7165), (170, 7174), (175, 7183), (203, 7360), (205, 7372), (213, 7447), (218, 7471), (222, 7492), (236, 7576), (253, 7714), (256, 7732), (262, 7759), (270, 7783), (310, 7948), (313, 7957), (337, 8062), (338, 8071), (344, 8098), (368, 8188), (369, 8191), (377, 8212), (383, 8224),

Gene: GodPhather_7 Start: 3607, Stop: 5463, Start Num: 7

Candidate Starts for GodPhather_7:

(Start: 5 @3589 has 7 MA's), (Start: 7 @3607 has 396 MA's), (Start: 19 @3664 has 2 MA's), (47, 3802), (51, 3832), (60, 3886), (82, 3997), (112, 4126), (128, 4183), (130, 4192), (132, 4237), (136, 4255), (148, 4333), (149, 4336), (175, 4420), (182, 4444), (185, 4468), (203, 4597), (205, 4609), (209, 4633), (213, 4684), (223, 4741), (227, 4753), (250, 4927), (262, 4996), (329, 5248), (364, 5389), (368, 5401), (387, 5443),

Gene: Godines_12 Start: 7728, Stop: 9617, Start Num: 7

Candidate Starts for Godines_12:

(Start: 7 @7728 has 396 MA's), (13, 7776), (Start: 19 @7800 has 2 MA's), (Start: 26 @7818 has 10 MA's), (Start: 33 @7851 has 2 MA's), (51, 7959), (66, 8043), (78, 8106), (85, 8142), (100, 8193), (109, 8226), (128, 8304), (130, 8313), (132, 8358), (146, 8448), (147, 8451), (149, 8457), (150, 8469), (153, 8484), (154, 8496), (179, 8580), (184, 8613), (188, 8631), (196, 8676), (203, 8745), (205, 8757), (213, 8832), (218, 8856), (219, 8862), (223, 8889), (227, 8901), (229, 8907), (233, 8937), (234, 8940), (237, 8967), (242, 9033), (244, 9042), (256, 9117), (265, 9153), (282, 9198), (309, 9336), (310, 9339), (314, 9351), (335, 9438), (337, 9447), (338, 9456), (340, 9471), (348, 9501), (353, 9519), (356, 9534), (364, 9561), (368, 9573), (385, 9609),

Gene: Gophee_8 Start: 4552, Stop: 6360, Start Num: 30

Candidate Starts for Gophee_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779),

(262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Grand2040_8 Start: 4439, Stop: 6358, Start Num: 7

Candidate Starts for Grand2040_8:

(Start: 7 @4439 has 396 MA's), (Start: 8 @4454 has 5 MA's), (Start: 30 @4550 has 5 MA's), (34, 4565), (52, 4676), (76, 4808), (81, 4832), (82, 4838), (84, 4850), (87, 4862), (129, 5027), (144, 5153), (145, 5156), (146, 5168), (149, 5177), (150, 5189), (162, 5252), (165, 5261), (175, 5297), (180, 5315), (183, 5324), (191, 5372), (202, 5468), (203, 5474), (209, 5510), (213, 5558), (218, 5582), (246, 5777), (262, 5870), (321, 6122), (353, 6257), (364, 6299), (368, 6311),

Gene: Gwilliam_9 Start: 4564, Stop: 6357, Start Num: 34

Candidate Starts for Gwilliam_9:

(Start: 7 @4438 has 396 MA's), (Start: 8 @4453 has 5 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: Gyarad_008 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Gyarad_008:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: HSavage_8 Start: 4443, Stop: 6362, Start Num: 7

Candidate Starts for HSavage_8:

(Start: 7 @4443 has 396 MA's), (Start: 8 @4458 has 5 MA's), (Start: 30 @4554 has 5 MA's), (34, 4569), (52, 4680), (76, 4812), (81, 4836), (82, 4842), (84, 4854), (87, 4866), (129, 5031), (144, 5157), (145, 5160), (146, 5172), (149, 5181), (150, 5193), (162, 5256), (165, 5265), (175, 5301), (180, 5319), (183, 5328), (191, 5376), (202, 5472), (203, 5478), (209, 5514), (213, 5562), (218, 5586), (246, 5781), (262, 5874), (321, 6126), (353, 6261), (364, 6303), (368, 6315),

Gene: Haimas_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Haimas_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Haleema_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Haleema_8:

(Start: 7 @4441 has 396 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Halfpint_10 Start: 6163, Stop: 8067, Start Num: 7

Candidate Starts for Halfpint_10:

(Start: 7 @6163 has 396 MA's), (9, 6190), (29, 6271), (39, 6334), (52, 6400), (58, 6433), (78, 6541), (97, 6631), (115, 6709), (130, 6766), (133, 6820), (146, 6901), (150, 6922), (154, 6949), (169, 7000), (170, 7009), (175, 7018), (203, 7195), (205, 7207), (213, 7282), (218, 7306), (222, 7327), (236, 7411), (253, 7549), (256, 7567), (262, 7594), (270, 7618), (310, 7783), (313, 7792), (337, 7897), (338, 7906), (344, 7933), (368, 8023), (377, 8047), (383, 8059),

Gene: Hally898_8 Start: 5643, Stop: 7532, Start Num: 7

Candidate Starts for Hally898_8:

(Start: 7 @5643 has 396 MA's), (28, 5739), (32, 5754), (39, 5805), (43, 5814), (51, 5865), (53, 5874), (72, 5970), (82, 6030), (109, 6126), (128, 6207), (132, 6261), (146, 6351), (147, 6354), (164, 6432), (167, 6444), (191, 6546), (198, 6606), (203, 6648), (205, 6660), (213, 6735), (218, 6759), (219, 6765), (223, 6792), (225, 6798), (233, 6840), (237, 6870), (301, 7212), (306, 7221), (307, 7224), (319, 7281), (336, 7347), (337, 7350), (338, 7359), (364, 7473), (381, 7518), (385, 7524),

Gene: Hamish_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Hamish_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Hangman_9 Start: 6748, Stop: 8637, Start Num: 7

Candidate Starts for Hangman_9:

(Start: 7 @6748 has 396 MA's), (Start: 8 @6763 has 5 MA's), (28, 6844), (32, 6859), (39, 6910), (43, 6919), (51, 6970), (72, 7075), (82, 7135), (109, 7231), (127, 7309), (128, 7312), (130, 7321), (132, 7366), (146, 7456), (147, 7459), (164, 7537), (167, 7549), (191, 7651), (198, 7711), (203, 7753), (205, 7765), (213, 7840), (218, 7864), (219, 7870), (223, 7897), (225, 7903), (228, 7912), (233, 7945), (237, 7975), (301, 8317), (306, 8326), (307, 8329), (321, 8392), (336, 8452), (337, 8455), (338, 8464), (364, 8578), (372, 8602), (385, 8629),

Gene: Hartsy_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Hartsy_8:

(Start: 7 @4438 has 396 MA's), (Start: 8 @4453 has 5 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: Harvey_8 Start: 4442, Stop: 6361, Start Num: 7

Candidate Starts for Harvey_8:

(Start: 7 @4442 has 396 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: HarveySr_11 Start: 6315, Stop: 8219, Start Num: 7

Candidate Starts for HarveySr_11:

(Start: 7 @6315 has 396 MA's), (9, 6342), (29, 6423), (39, 6486), (52, 6552), (58, 6585), (78, 6693), (97, 6783), (115, 6861), (130, 6918), (133, 6972), (146, 7053), (150, 7074), (154, 7101), (169, 7152), (170, 7161), (175, 7170), (203, 7347), (205, 7359), (213, 7434), (218, 7458), (222, 7479), (236, 7563), (253, 7701), (256, 7719), (262, 7746), (270, 7770), (310, 7935), (313, 7944), (337, 8049), (338, 8058),

(344, 8085), (368, 8175), (369, 8178), (377, 8199), (383, 8211),

Gene: Hashim76_13 Start: 5567, Stop: 7492, Start Num: 7

Candidate Starts for Hashim76_13:

(Start: 7 @5567 has 396 MA's), (77, 5942), (79, 5954), (87, 5993), (101, 6044), (107, 6059), (131, 6170), (132, 6209), (137, 6230), (144, 6284), (145, 6287), (150, 6320), (159, 6368), (165, 6392), (167, 6401), (170, 6419), (183, 6455), (197, 6554), (203, 6605), (209, 6641), (218, 6713), (253, 6956), (256, 6974), (312, 7208), (337, 7319), (338, 7328), (340, 7343), (353, 7391), (381, 7478),

Gene: Heath_9 Start: 6748, Stop: 8637, Start Num: 7

Candidate Starts for Heath_9:

(Start: 7 @6748 has 396 MA's), (Start: 8 @6763 has 5 MA's), (28, 6844), (32, 6859), (39, 6910), (43, 6919), (51, 6970), (72, 7075), (82, 7135), (109, 7231), (127, 7309), (128, 7312), (130, 7321), (132, 7366), (146, 7456), (147, 7459), (164, 7537), (167, 7549), (191, 7651), (198, 7711), (203, 7753), (205, 7765), (213, 7840), (218, 7864), (219, 7870), (223, 7897), (225, 7903), (228, 7912), (233, 7945), (237, 7975), (301, 8317), (306, 8326), (307, 8329), (321, 8392), (336, 8452), (337, 8455), (338, 8464), (364, 8578), (381, 8623), (385, 8629),

Gene: Heathcliff_11 Start: 6309, Stop: 8204, Start Num: 7

Candidate Starts for Heathcliff_11:

(Start: 7 @6309 has 396 MA's), (9, 6336), (29, 6417), (39, 6480), (52, 6546), (58, 6579), (78, 6687), (97, 6777), (115, 6855), (130, 6912), (133, 6966), (146, 7047), (150, 7068), (154, 7095), (169, 7146), (170, 7155), (175, 7164), (203, 7341), (205, 7353), (213, 7428), (218, 7452), (222, 7473), (236, 7557), (253, 7695), (256, 7713), (262, 7740), (270, 7764), (310, 7920), (313, 7929), (337, 8034), (338, 8043), (344, 8070), (368, 8160), (369, 8163), (377, 8184), (383, 8196),

Gene: Hedgerow_12 Start: 7827, Stop: 9716, Start Num: 7

Candidate Starts for Hedgerow_12:

(Start: 7 @7827 has 396 MA's), (13, 7875), (Start: 19 @7899 has 2 MA's), (Start: 26 @7917 has 10 MA's), (Start: 33 @7950 has 2 MA's), (51, 8058), (66, 8142), (78, 8205), (85, 8241), (100, 8292), (104, 8304), (109, 8325), (128, 8403), (130, 8412), (132, 8457), (146, 8547), (147, 8550), (149, 8556), (150, 8568), (153, 8583), (154, 8595), (179, 8679), (184, 8712), (188, 8730), (196, 8775), (203, 8844), (205, 8856), (213, 8931), (218, 8955), (219, 8961), (223, 8988), (227, 9000), (229, 9006), (233, 9036), (234, 9039), (237, 9066), (242, 9132), (244, 9141), (256, 9216), (265, 9252), (282, 9297), (309, 9435), (310, 9438), (314, 9450), (335, 9537), (337, 9546), (338, 9555), (340, 9570), (348, 9600), (353, 9618), (356, 9633), (364, 9660), (368, 9672), (385, 9708),

Gene: Held_8 Start: 4442, Stop: 6361, Start Num: 7

Candidate Starts for Held_8:

(Start: 7 @4442 has 396 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: HenryJackson_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for HenryJackson_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Hertubise_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Hertubise_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Hetaeria_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Hetaeria_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: HighStump_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for HighStump_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Hocus_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Hocus_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Holeinone_12 Start: 7727, Stop: 9616, Start Num: 7

Candidate Starts for Holeinone_12:

(Start: 7 @7727 has 396 MA's), (13, 7775), (Start: 19 @7799 has 2 MA's), (Start: 26 @7817 has 10 MA's), (Start: 33 @7850 has 2 MA's), (51, 7958), (66, 8042), (78, 8105), (85, 8141), (100, 8192), (109, 8225), (128, 8303), (130, 8312), (132, 8357), (146, 8447), (147, 8450), (149, 8456), (150, 8468), (153, 8483), (154, 8495), (179, 8579), (184, 8612), (188, 8630), (196, 8675), (203, 8744), (205, 8756), (213, 8831), (218, 8855), (219, 8861), (223, 8888), (227, 8900), (229, 8906), (233, 8936), (234, 8939), (237, 8966), (242, 9032), (244, 9041), (256, 9116), (265, 9152), (282, 9197), (309, 9335), (310, 9338), (314, 9350), (335, 9437), (337, 9446), (338, 9455), (340, 9470), (348, 9500), (353, 9518), (356, 9533), (364, 9560), (368, 9572), (385, 9608),

Gene: Horchata_8 Start: 4440, Stop: 6359, Start Num: 7

Candidate Starts for Horchata_8:

(Start: 7 @4440 has 396 MA's), (Start: 30 @4551 has 5 MA's), (34, 4566), (52, 4677), (76, 4809), (81, 4833), (82, 4839), (84, 4851), (87, 4863), (129, 5028), (144, 5154), (145, 5157), (146, 5169), (149, 5178), (150, 5190), (162, 5253), (165, 5262), (175, 5298), (180, 5316), (183, 5325), (191, 5373), (202, 5469), (203, 5475), (209, 5511), (213, 5559), (218, 5583), (246, 5778), (262, 5871), (321, 6123), (353, 6258), (364, 6300), (368, 6312),

Gene: Hosp_05 Start: 3410, Stop: 5326, Start Num: 7

Candidate Starts for Hosp_05:

(Start: 7 @3410 has 396 MA's), (Start: 8 @3425 has 5 MA's), (25, 3488), (Start: 30 @3512 has 5 MA's), (37, 3554), (38, 3569), (39, 3572), (42, 3581), (68, 3731), (82, 3812), (90, 3842), (102, 3890), (127, 3983), (128, 3986), (130, 3995), (133, 4049), (134, 4052), (146, 4130), (147, 4133), (150, 4151), (162, 4214), (167, 4232), (181, 4280), (191, 4334), (198, 4394), (203, 4436), (212, 4508), (213, 4523), (217, 4544), (223, 4580), (227, 4592), (233, 4628), (251, 4775), (264, 4841), (281, 4907), (307, 5030), (316, 5060), (318, 5069), (319, 5087), (352, 5219), (353, 5222), (375, 5300),

Gene: Hydro_9 Start: 6745, Stop: 8634, Start Num: 7

Candidate Starts for Hydro_9:

(Start: 7 @6745 has 396 MA's), (Start: 8 @6760 has 5 MA's), (28, 6841), (32, 6856), (39, 6907), (43, 6916), (51, 6967), (72, 7072), (82, 7132), (109, 7228), (127, 7306), (128, 7309), (130, 7318), (132, 7363), (146, 7453), (147, 7456), (164, 7534), (167, 7546), (191, 7648), (198, 7708), (203, 7750), (205, 7762), (213, 7837), (218, 7861), (219, 7867), (223, 7894), (225, 7900), (228, 7909), (233, 7942), (237, 7972), (301, 8314), (306, 8323), (307, 8326), (321, 8389), (336, 8449), (337, 8452), (338, 8461), (364, 8575), (372, 8599), (385, 8626),

Gene: ImtiyazSitla_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for ImtiyazSitla_8:

(Start: 7 @4438 has 396 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (87, 4861), (115, 4975), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (336, 6181), (353, 6256), (364, 6298), (368, 6310),

Gene: Imvubu_5 Start: 3537, Stop: 5456, Start Num: 7

Candidate Starts for Imvubu_5:

(Start: 7 @3537 has 396 MA's), (Start: 26 @3618 has 10 MA's), (42, 3708), (58, 3798), (68, 3858), (70, 3870), (76, 3909), (97, 4002), (112, 4071), (114, 4077), (121, 4107), (123, 4110), (130, 4137), (132, 4182), (146, 4272), (147, 4275), (150, 4293), (180, 4410), (183, 4419), (187, 4449), (191, 4467), (203, 4569), (209, 4605), (221, 4689), (226, 4719), (227, 4722), (241, 4851), (244, 4863), (285, 5028), (299, 5133), (337, 5283), (340, 5307), (354, 5361), (356, 5370), (368, 5409), (381, 5442),

Gene: Inchworm_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Inchworm_8:

(Start: 7 @4438 has 396 MA's), (Start: 8 @4453 has 5 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: Indlovu_9 Start: 6386, Stop: 8284, Start Num: 7

Candidate Starts for Indlovu_9:

(Start: 7 @6386 has 396 MA's), (47, 6608), (51, 6638), (56, 6668), (64, 6716), (68, 6737), (82, 6818), (116, 6929), (123, 6956), (130, 6983), (132, 7028), (167, 7211), (189, 7304), (191, 7313), (197, 7364), (203, 7415), (205, 7427), (213, 7502), (218, 7526), (223, 7559), (256, 7787), (263, 7817), (305, 7988), (314, 8012), (336, 8108), (338, 8120), (356, 8198), (359, 8213), (385, 8276),

Gene: Inverness_8 Start: 4458, Stop: 6362, Start Num: 8

Candidate Starts for Inverness_8:

(Start: 7 @4443 has 396 MA's), (Start: 8 @4458 has 5 MA's), (Start: 30 @4554 has 5 MA's), (34, 4569), (52, 4680), (76, 4812), (81, 4836), (82, 4842), (84, 4854), (87, 4866), (129, 5031), (144, 5157), (145, 5160), (146, 5172), (149, 5181), (150, 5193), (162, 5256), (165, 5265), (175, 5301), (180, 5319), (183, 5328), (191, 5376), (202, 5472), (203, 5478), (209, 5514), (213, 5562), (218, 5586), (246, 5781),

(262, 5874), (321, 6126), (353, 6261), (364, 6303), (368, 6315),

Gene: Iridoclysis_8 Start: 4445, Stop: 6364, Start Num: 7

Candidate Starts for Iridoclysis_8:

(Start: 7 @4445 has 396 MA's), (Start: 8 @4460 has 5 MA's), (Start: 30 @4556 has 5 MA's), (34, 4571), (52, 4682), (76, 4814), (81, 4838), (82, 4844), (84, 4856), (87, 4868), (129, 5033), (144, 5159), (145, 5162), (146, 5174), (149, 5183), (150, 5195), (162, 5258), (165, 5267), (175, 5303), (180, 5321), (183, 5330), (191, 5378), (202, 5474), (203, 5480), (209, 5516), (213, 5564), (218, 5588), (246, 5783), (262, 5876), (321, 6128), (353, 6263), (364, 6305), (368, 6317),

Gene: IsaacEli_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for IsaacEli_8:

(Start: 7 @4438 has 396 MA's), (Start: 8 @4453 has 5 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: ItsyBitsy1_12 Start: 7719, Stop: 9608, Start Num: 7

Candidate Starts for ItsyBitsy1_12:

(Start: 7 @7719 has 396 MA's), (13, 7767), (Start: 19 @7791 has 2 MA's), (Start: 26 @7809 has 10 MA's), (Start: 33 @7842 has 2 MA's), (51, 7950), (66, 8034), (78, 8097), (85, 8133), (100, 8184), (109, 8217), (128, 8295), (130, 8304), (132, 8349), (146, 8439), (147, 8442), (149, 8448), (150, 8460), (153, 8475), (154, 8487), (179, 8571), (184, 8604), (188, 8622), (196, 8667), (203, 8736), (205, 8748), (213, 8823), (218, 8847), (219, 8853), (223, 8880), (227, 8892), (229, 8898), (233, 8928), (234, 8931), (237, 8958), (242, 9024), (244, 9033), (256, 9108), (265, 9144), (282, 9189), (309, 9327), (310, 9330), (314, 9342), (335, 9429), (337, 9438), (338, 9447), (340, 9462), (348, 9492), (353, 9510), (356, 9525), (364, 9552), (368, 9564), (385, 9600),

Gene: JAMaL_8 Start: 6274, Stop: 8166, Start Num: 7

Candidate Starts for JAMaL_8:

(Start: 7 @6274 has 396 MA's), (Start: 26 @6355 has 10 MA's), (32, 6385), (35, 6394), (39, 6436), (43, 6445), (53, 6505), (70, 6592), (72, 6601), (82, 6661), (86, 6682), (99, 6721), (109, 6757), (127, 6835), (128, 6838), (130, 6847), (132, 6892), (146, 6982), (147, 6985), (162, 7057), (164, 7063), (165, 7066), (167, 7075), (183, 7129), (188, 7165), (191, 7177), (193, 7192), (198, 7237), (203, 7279), (205, 7291), (217, 7387), (218, 7390), (219, 7396), (223, 7423), (225, 7429), (237, 7501), (257, 7654), (287, 7744), (301, 7846), (306, 7855), (307, 7858), (319, 7915), (321, 7921), (337, 7984), (338, 7993), (364, 8107), (374, 8137), (385, 8158),

Gene: JDog_8 Start: 4440, Stop: 6359, Start Num: 7

Candidate Starts for JDog_8:

(Start: 7 @4440 has 396 MA's), (Start: 30 @4551 has 5 MA's), (34, 4566), (52, 4677), (76, 4809), (81, 4833), (82, 4839), (84, 4851), (87, 4863), (129, 5028), (144, 5154), (145, 5157), (146, 5169), (149, 5178), (150, 5190), (162, 5253), (165, 5262), (175, 5298), (180, 5316), (183, 5325), (191, 5373), (202, 5469), (203, 5475), (209, 5511), (213, 5559), (218, 5583), (246, 5778), (262, 5871), (321, 6123), (353, 6258), (364, 6300), (368, 6312),

Gene: JacAttac_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for JacAttac_8:

(Start: 7 @4438 has 396 MA's), (Start: 8 @4453 has 5 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776),

(262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: Jackstina_10 Start: 6231, Stop: 8135, Start Num: 7

Candidate Starts for Jackstina_10:

(Start: 7 @6231 has 396 MA's), (9, 6258), (29, 6339), (39, 6402), (52, 6468), (58, 6501), (78, 6609), (97, 6699), (115, 6777), (130, 6834), (133, 6888), (146, 6969), (150, 6990), (154, 7017), (169, 7068), (170, 7077), (175, 7086), (203, 7263), (205, 7275), (213, 7350), (218, 7374), (222, 7395), (236, 7479), (253, 7617), (256, 7635), (262, 7662), (270, 7686), (310, 7851), (313, 7860), (337, 7965), (338, 7974), (344, 8001), (368, 8091), (377, 8115), (383, 8127),

Gene: JaguarMi_10 Start: 6572, Stop: 8458, Start Num: 7

Candidate Starts for JaguarMi_10:

(Start: 7 @6572 has 396 MA's), (Start: 8 @6587 has 5 MA's), (28, 6668), (32, 6683), (39, 6734), (43, 6743), (51, 6794), (72, 6899), (82, 6959), (109, 7055), (127, 7133), (128, 7136), (130, 7145), (132, 7190), (146, 7280), (147, 7283), (164, 7361), (167, 7373), (175, 7400), (191, 7475), (198, 7535), (203, 7577), (205, 7589), (207, 7604), (218, 7688), (219, 7694), (223, 7721), (225, 7727), (228, 7736), (233, 7769), (301, 8138), (306, 8147), (307, 8150), (312, 8165), (321, 8213), (337, 8276), (338, 8285), (364, 8399), (381, 8444), (385, 8450),

Gene: JakeO_8 Start: 4440, Stop: 6359, Start Num: 7

Candidate Starts for JakeO_8:

(Start: 7 @4440 has 396 MA's), (Start: 30 @4551 has 5 MA's), (34, 4566), (52, 4677), (76, 4809), (81, 4833), (82, 4839), (84, 4851), (87, 4863), (129, 5028), (144, 5154), (145, 5157), (146, 5169), (149, 5178), (150, 5190), (162, 5253), (165, 5262), (175, 5298), (180, 5316), (183, 5325), (191, 5373), (202, 5469), (203, 5475), (209, 5511), (213, 5559), (218, 5583), (246, 5778), (262, 5871), (321, 6123), (353, 6258), (364, 6300), (368, 6312),

Gene: JangoPhett_8 Start: 4439, Stop: 6358, Start Num: 7

Candidate Starts for JangoPhett_8:

(Start: 7 @4439 has 396 MA's), (Start: 8 @4454 has 5 MA's), (Start: 30 @4550 has 5 MA's), (34, 4565), (52, 4676), (76, 4808), (81, 4832), (82, 4838), (84, 4850), (87, 4862), (129, 5027), (144, 5153), (145, 5156), (146, 5168), (149, 5177), (150, 5189), (162, 5252), (165, 5261), (175, 5297), (180, 5315), (183, 5324), (191, 5372), (202, 5468), (203, 5474), (209, 5510), (213, 5558), (218, 5582), (246, 5777), (262, 5870), (321, 6122), (353, 6257), (364, 6299), (368, 6311),

Gene: Jeon_6 Start: 3322, Stop: 5196, Start Num: 5

Candidate Starts for Jeon_6:

(Start: 5 @3322 has 7 MA's), (Start: 7 @3340 has 396 MA's), (Start: 19 @3397 has 2 MA's), (47, 3535), (51, 3565), (60, 3619), (82, 3730), (112, 3859), (128, 3916), (130, 3925), (132, 3970), (136, 3988), (148, 4066), (149, 4069), (175, 4153), (182, 4177), (185, 4201), (203, 4330), (205, 4342), (209, 4366), (213, 4417), (223, 4474), (227, 4486), (250, 4660), (262, 4729), (329, 4981), (364, 5122), (368, 5134), (387, 5176),

Gene: Jillium_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Jillium_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Jiminy_8 Start: 4440, Stop: 6359, Start Num: 7

Candidate Starts for Jiminy_8:

(Start: 7 @4440 has 396 MA's), (Start: 30 @4551 has 5 MA's), (34, 4566), (52, 4677), (76, 4809), (81, 4833), (82, 4839), (84, 4851), (87, 4863), (129, 5028), (144, 5154), (145, 5157), (146, 5169), (149, 5178), (150, 5190), (162, 5253), (165, 5262), (175, 5298), (180, 5316), (183, 5325), (191, 5373), (202, 5469), (203, 5475), (209, 5511), (213, 5559), (218, 5583), (246, 5778), (262, 5871), (321, 6123), (353, 6258), (364, 6300), (368, 6312),

Gene: Jiraiya_8 Start: 4551, Stop: 6359, Start Num: 30

Candidate Starts for Jiraiya_8:

(Start: 7 @4440 has 396 MA's), (Start: 30 @4551 has 5 MA's), (34, 4566), (52, 4677), (76, 4809), (81, 4833), (82, 4839), (84, 4851), (87, 4863), (129, 5028), (144, 5154), (145, 5157), (146, 5169), (149, 5178), (150, 5190), (162, 5253), (165, 5262), (175, 5298), (180, 5316), (183, 5325), (191, 5373), (202, 5469), (203, 5475), (209, 5511), (213, 5559), (218, 5583), (246, 5778), (262, 5871), (321, 6123), (353, 6258), (364, 6300), (368, 6312),

Gene: Jolie1_07 Start: 5208, Stop: 7124, Start Num: 7

Candidate Starts for Jolie1_07:

(Start: 7 @5208 has 396 MA's), (Start: 8 @5223 has 5 MA's), (Start: 30 @5310 has 5 MA's), (37, 5352), (38, 5367), (39, 5370), (42, 5379), (68, 5529), (82, 5610), (90, 5640), (102, 5688), (127, 5781), (128, 5784), (130, 5793), (132, 5838), (133, 5847), (146, 5928), (147, 5931), (150, 5949), (162, 6012), (167, 6030), (181, 6078), (191, 6132), (198, 6192), (203, 6234), (212, 6306), (213, 6321), (217, 6342), (223, 6378), (227, 6390), (233, 6426), (251, 6573), (254, 6594), (264, 6639), (281, 6705), (307, 6828), (318, 6867), (352, 7017), (353, 7020), (375, 7098),

Gene: Jollymon_42 Start: 18192, Stop: 20150, Start Num: 6

Candidate Starts for Jollymon_42:

(Start: 6 @18192 has 4 MA's), (10, 18237), (21, 18288), (27, 18315), (63, 18504), (109, 18663), (130, 18756), (138, 18831), (149, 18900), (150, 18912), (151, 18918), (165, 19020), (173, 19053), (189, 19125), (190, 19128), (194, 19158), (199, 19197), (205, 19248), (210, 19281), (232, 19425), (233, 19428), (237, 19458), (250, 19566), (255, 19602), (257, 19611), (293, 19746), (316, 19860), (337, 19950), (374, 20103), (390, 20142),

Gene: KLucky39_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for KLucky39_8:

(Start: 7 @4441 has 396 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Kahve_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Kahve_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Kailash_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Kailash_8:

(Start: 7 @4438 has 396 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (87, 4861), (115, 4975), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (336,

6181), (353, 6256), (364, 6298), (368, 6310),

Gene: Kaleb_12 Start: 7845, Stop: 9734, Start Num: 7

Candidate Starts for Kaleb_12:

(Start: 7 @7845 has 396 MA's), (13, 7893), (Start: 19 @7917 has 2 MA's), (Start: 26 @7935 has 10 MA's), (Start: 33 @7968 has 2 MA's), (51, 8076), (66, 8160), (78, 8223), (85, 8259), (100, 8310), (104, 8322), (109, 8343), (128, 8421), (130, 8430), (132, 8475), (146, 8565), (147, 8568), (149, 8574), (150, 8586), (153, 8601), (154, 8613), (179, 8697), (184, 8730), (188, 8748), (196, 8793), (203, 8862), (205, 8874), (213, 8949), (218, 8973), (219, 8979), (223, 9006), (227, 9018), (229, 9024), (233, 9054), (234, 9057), (237, 9084), (242, 9150), (244, 9159), (256, 9234), (265, 9270), (282, 9315), (309, 9453), (310, 9456), (314, 9468), (335, 9555), (337, 9564), (338, 9573), (340, 9588), (348, 9618), (353, 9636), (356, 9651), (364, 9678), (368, 9690), (385, 9726),

Gene: Kamiyu_11 Start: 6309, Stop: 8213, Start Num: 7

Candidate Starts for Kamiyu_11:

(Start: 7 @6309 has 396 MA's), (9, 6336), (29, 6417), (39, 6480), (52, 6546), (58, 6579), (78, 6687), (97, 6777), (115, 6855), (130, 6912), (133, 6966), (146, 7047), (150, 7068), (154, 7095), (169, 7146), (170, 7155), (175, 7164), (203, 7341), (205, 7353), (213, 7428), (218, 7452), (222, 7473), (236, 7557), (253, 7695), (256, 7713), (262, 7740), (270, 7764), (310, 7929), (313, 7938), (337, 8043), (338, 8052), (344, 8079), (368, 8169), (377, 8193), (383, 8205),

Gene: KarasumaRum_11 Start: 6863, Stop: 8728, Start Num: 7

Candidate Starts for KarasumaRum_11:

(Start: 7 @6863 has 396 MA's), (Start: 8 @6878 has 5 MA's), (38, 7016), (77, 7214), (79, 7226), (81, 7235), (116, 7352), (118, 7367), (130, 7406), (147, 7544), (150, 7562), (194, 7760), (198, 7796), (203, 7838), (213, 7925), (218, 7949), (223, 7982), (227, 7994), (230, 8006), (233, 8030), (256, 8210), (259, 8228), (298, 8408), (307, 8429), (314, 8450), (336, 8552), (349, 8612), (385, 8720), (387, 8723),

Gene: Katniss_8 Start: 4553, Stop: 6361, Start Num: 30

Candidate Starts for Katniss_8:

(Start: 7 @4442 has 396 MA's), (Start: 8 @4457 has 5 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: KayaCho_7 Start: 5211, Stop: 7142, Start Num: 7

Candidate Starts for KayaCho_7:

(Start: 7 @5211 has 396 MA's), (Start: 8 @5226 has 5 MA's), (Start: 30 @5313 has 5 MA's), (38, 5370), (39, 5373), (68, 5532), (86, 5634), (90, 5643), (102, 5691), (128, 5787), (132, 5841), (133, 5850), (146, 5931), (147, 5934), (150, 5952), (162, 6015), (167, 6033), (181, 6081), (198, 6195), (203, 6237), (212, 6309), (213, 6324), (217, 6345), (223, 6381), (227, 6393), (233, 6429), (251, 6576), (264, 6642), (281, 6708), (307, 6846), (316, 6876), (318, 6885), (319, 6903), (352, 7035), (353, 7038), (375, 7116),

Gene: Keitherie_8 Start: 4437, Stop: 6356, Start Num: 7

Candidate Starts for Keitherie_8:

(Start: 7 @4437 has 396 MA's), (Start: 8 @4452 has 5 MA's), (Start: 30 @4548 has 5 MA's), (34, 4563), (52, 4674), (76, 4806), (81, 4830), (82, 4836), (84, 4848), (87, 4860), (115, 4974), (129, 5025), (144, 5151), (145, 5154), (146, 5166), (149, 5175), (150, 5187), (162, 5250), (165, 5259), (175, 5295), (180, 5313), (183, 5322), (191, 5370), (202, 5466), (203, 5472), (209, 5508), (213, 5556), (218, 5580), (246, 5775), (262, 5868), (321, 6120), (353, 6255), (364, 6297), (368, 6309),

Gene: Kheth_12 Start: 7728, Stop: 9617, Start Num: 7

Candidate Starts for Kheth_12:

(Start: 7 @7728 has 396 MA's), (13, 7776), (Start: 19 @7800 has 2 MA's), (Start: 26 @7818 has 10 MA's), (Start: 33 @7851 has 2 MA's), (51, 7959), (66, 8043), (78, 8106), (85, 8142), (100, 8193), (104, 8205), (109, 8226), (128, 8304), (130, 8313), (132, 8358), (146, 8448), (147, 8451), (149, 8457), (150, 8469), (153, 8484), (154, 8496), (179, 8580), (184, 8613), (188, 8631), (196, 8676), (203, 8745), (205, 8757), (213, 8832), (218, 8856), (219, 8862), (223, 8889), (227, 8901), (229, 8907), (233, 8937), (234, 8940), (237, 8967), (242, 9033), (244, 9042), (256, 9117), (265, 9153), (282, 9198), (309, 9336), (310, 9339), (314, 9351), (335, 9438), (337, 9447), (338, 9456), (340, 9471), (348, 9501), (353, 9519), (356, 9534), (364, 9561), (368, 9573), (385, 9609),

Gene: Kikipoo_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Kikipoo_8:

(Start: 7 @4438 has 396 MA's), (Start: 8 @4453 has 5 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: Kimbrough_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Kimbrough_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: KingTut_8 Start: 4442, Stop: 6361, Start Num: 7

Candidate Starts for KingTut_8:

(Start: 7 @4442 has 396 MA's), (Start: 8 @4457 has 5 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: KingVeVeVe_8 Start: 4442, Stop: 6361, Start Num: 7

Candidate Starts for KingVeVeVe_8:

(Start: 7 @4442 has 396 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: KingstonB_41 Start: 17700, Stop: 19658, Start Num: 6

Candidate Starts for KingstonB_41:

(Start: 6 @17700 has 4 MA's), (10, 17745), (21, 17796), (27, 17823), (63, 18012), (109, 18171), (130, 18264), (138, 18339), (149, 18408), (150, 18420), (151, 18426), (165, 18528), (173, 18561), (189, 18633), (190, 18636), (194, 18666), (199, 18705), (210, 18789), (232, 18933), (233, 18936), (237, 18966), (250, 19074), (255, 19110), (257, 19119), (293, 19254), (316, 19368), (331, 19437), (337, 19458), (374, 19611), (390, 19650),

Gene: KlimbOn_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for KlimbOn_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Kloppinator_8 Start: 4439, Stop: 6358, Start Num: 7

Candidate Starts for Kloppinator_8:

(Start: 7 @4439 has 396 MA's), (Start: 8 @4454 has 5 MA's), (Start: 30 @4550 has 5 MA's), (34, 4565), (52, 4676), (76, 4808), (81, 4832), (82, 4838), (84, 4850), (87, 4862), (129, 5027), (144, 5153), (145, 5156), (146, 5168), (149, 5177), (150, 5189), (162, 5252), (165, 5261), (175, 5297), (180, 5315), (183, 5324), (191, 5372), (202, 5468), (203, 5474), (209, 5510), (213, 5558), (218, 5582), (246, 5777), (262, 5870), (321, 6122), (353, 6257), (364, 6299), (368, 6311),

Gene: Knocker_14 Start: 9188, Stop: 11104, Start Num: 7

Candidate Starts for Knocker_14:

(Start: 7 @9188 has 396 MA's), (9, 9212), (Start: 26 @9269 has 10 MA's), (35, 9305), (42, 9356), (44, 9365), (50, 9398), (52, 9413), (59, 9461), (68, 9506), (73, 9542), (97, 9650), (103, 9668), (112, 9707), (130, 9773), (132, 9818), (137, 9839), (143, 9875), (146, 9908), (147, 9911), (150, 9929), (152, 9935), (162, 9983), (164, 9989), (165, 9992), (167, 10001), (170, 10019), (186, 10082), (187, 10085), (188, 10091), (200, 10169), (203, 10205), (204, 10211), (209, 10241), (213, 10289), (227, 10358), (244, 10499), (251, 10541), (263, 10604), (267, 10613), (272, 10631), (306, 10796), (313, 10817), (327, 10889), (336, 10922), (337, 10925), (338, 10934), (340, 10949), (343, 10958), (354, 11003), (355, 11006), (356, 11012), (359, 11027), (365, 11042), (368, 11051), (372, 11063), (375, 11075), (377, 11081),

Gene: Kronus_10 Start: 6924, Stop: 8825, Start Num: 7

Candidate Starts for Kronus_10:

(Start: 7 @6924 has 396 MA's), (9, 6951), (29, 7032), (39, 7095), (52, 7161), (58, 7194), (78, 7302), (97, 7392), (115, 7470), (130, 7527), (133, 7581), (146, 7662), (150, 7683), (154, 7710), (169, 7761), (170, 7770), (175, 7779), (203, 7956), (205, 7968), (213, 8043), (218, 8067), (222, 8088), (236, 8172), (253, 8310), (256, 8328), (262, 8355), (270, 8379), (310, 8541), (313, 8550), (337, 8655), (338, 8664), (344, 8691), (353, 8727), (368, 8781), (369, 8784), (377, 8805), (383, 8817),

Gene: Kwadwo_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Kwadwo_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Kwksand96_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Kwksand96_8:

(Start: 7 @4438 has 396 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (87, 4861), (115, 4975), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (336, 6181), (353, 6256), (364, 6298), (368, 6310),

Gene: Labeouficaum_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Labeouficaum_8:

(Start: 7 @4438 has 396 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (87, 4861), (115, 4975), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (336, 6181), (353, 6256), (364, 6298), (368, 6310),

Gene: Lambano_8 Start: 5643, Stop: 7532, Start Num: 7

Candidate Starts for Lambano_8:

(Start: 7 @5643 has 396 MA's), (28, 5739), (32, 5754), (39, 5805), (43, 5814), (51, 5865), (53, 5874), (72, 5970), (82, 6030), (109, 6126), (128, 6207), (132, 6261), (146, 6351), (147, 6354), (164, 6432), (167, 6444), (191, 6546), (198, 6606), (203, 6648), (205, 6660), (213, 6735), (218, 6759), (219, 6765), (223, 6792), (225, 6798), (233, 6840), (237, 6870), (301, 7212), (306, 7221), (307, 7224), (319, 7281), (336, 7347), (337, 7350), (338, 7359), (364, 7473), (381, 7518), (385, 7524),

Gene: Lars_12 Start: 7845, Stop: 9734, Start Num: 7

Candidate Starts for Lars_12:

(Start: 7 @7845 has 396 MA's), (13, 7893), (Start: 19 @7917 has 2 MA's), (Start: 26 @7935 has 10 MA's), (Start: 33 @7968 has 2 MA's), (51, 8076), (66, 8160), (78, 8223), (85, 8259), (100, 8310), (104, 8322), (109, 8343), (128, 8421), (130, 8430), (132, 8475), (146, 8565), (147, 8568), (149, 8574), (150, 8586), (153, 8601), (154, 8613), (179, 8697), (184, 8730), (188, 8748), (196, 8793), (203, 8862), (205, 8874), (213, 8949), (218, 8973), (219, 8979), (223, 9006), (227, 9018), (229, 9024), (233, 9054), (234, 9057), (237, 9084), (242, 9150), (244, 9159), (256, 9234), (265, 9270), (282, 9315), (309, 9453), (310, 9456), (314, 9468), (335, 9555), (337, 9564), (338, 9573), (340, 9588), (348, 9618), (353, 9636), (356, 9651), (364, 9678), (368, 9690), (385, 9726),

Gene: LasagnaCat_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for LasagnaCat_8:

(Start: 7 @4438 has 396 MA's), (Start: 8 @4453 has 5 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: Lasso_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Lasso_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Laurie_12 Start: 7729, Stop: 9618, Start Num: 7

Candidate Starts for Laurie_12:

(Start: 7 @7729 has 396 MA's), (13, 7777), (Start: 19 @7801 has 2 MA's), (Start: 26 @7819 has 10 MA's), (Start: 33 @7852 has 2 MA's), (51, 7960), (76, 8095), (78, 8107), (85, 8143), (100, 8194), (128, 8305), (130, 8314), (132, 8359), (146, 8449), (147, 8452), (149, 8458), (150, 8470), (153, 8485), (154, 8497), (179, 8581), (184, 8614), (188, 8632), (196, 8677), (203, 8746), (205, 8758), (213, 8833), (218, 8857), (219, 8863), (223, 8890), (227, 8902), (229, 8908), (233, 8938), (234, 8941), (237, 8968), (242, 9034), (244, 9043), (256, 9118), (265, 9154), (282, 9199), (309, 9337), (310, 9340), (314, 9352), (335, 9439), (337, 9448), (338, 9457), (340, 9472), (348, 9502), (353, 9520), (356, 9535), (364, 9562), (368, 9574), (385, 9610),

Gene: LeeLot_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for LeeLot_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Lego3393_8 Start: 4439, Stop: 6358, Start Num: 7

Candidate Starts for Lego3393_8:

(Start: 7 @4439 has 396 MA's), (Start: 8 @4454 has 5 MA's), (Start: 30 @4550 has 5 MA's), (34, 4565), (52, 4676), (76, 4808), (81, 4832), (82, 4838), (84, 4850), (87, 4862), (129, 5027), (144, 5153), (145, 5156), (146, 5168), (149, 5177), (150, 5189), (162, 5252), (165, 5261), (175, 5297), (180, 5315), (183, 5324), (191, 5372), (202, 5468), (203, 5474), (209, 5510), (213, 5558), (218, 5582), (246, 5777), (262, 5870), (321, 6122), (353, 6257), (364, 6299), (368, 6311),

Gene: Legolas_8 Start: 4442, Stop: 6361, Start Num: 7

Candidate Starts for Legolas_8:

(Start: 7 @4442 has 396 MA's), (Start: 8 @4457 has 5 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: LeiMonet_8 Start: 4548, Stop: 6356, Start Num: 30

Candidate Starts for LeiMonet_8:

(Start: 7 @4437 has 396 MA's), (Start: 30 @4548 has 5 MA's), (34, 4563), (52, 4674), (76, 4806), (81, 4830), (82, 4836), (84, 4848), (87, 4860), (129, 5025), (144, 5151), (145, 5154), (146, 5166), (149, 5175), (150, 5187), (162, 5250), (165, 5259), (175, 5295), (180, 5313), (183, 5322), (191, 5370), (202, 5466), (203, 5472), (209, 5508), (213, 5556), (218, 5580), (246, 5775), (262, 5868), (321, 6120), (353, 6255), (364, 6297), (368, 6309),

Gene: LemonSlice_8 Start: 4442, Stop: 6361, Start Num: 7

Candidate Starts for LemonSlice_8:

(Start: 7 @4442 has 396 MA's), (Start: 8 @4457 has 5 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: Lephleur_12 Start: 7728, Stop: 9617, Start Num: 7

Candidate Starts for Lephleur_12:

(Start: 7 @7728 has 396 MA's), (13, 7776), (Start: 19 @7800 has 2 MA's), (Start: 26 @7818 has 10 MA's), (Start: 33 @7851 has 2 MA's), (51, 7959), (66, 8043), (78, 8106), (85, 8142), (100, 8193), (104, 8205), (109, 8226), (128, 8304), (130, 8313), (132, 8358), (146, 8448), (147, 8451), (149, 8457), (150, 8469), (153, 8484), (154, 8496), (179, 8580), (184, 8613), (188, 8631), (196, 8676), (203, 8745), (205, 8757), (213, 8832), (218, 8856), (219, 8862), (223, 8889), (227, 8901), (229, 8907), (233, 8937), (234, 8940), (237, 8967), (242, 9033), (244, 9042), (256, 9117), (265, 9153), (282, 9198), (309, 9336), (310, 9339), (314, 9351), (335, 9438), (337, 9447), (338, 9456), (340, 9471), (348, 9501), (353, 9519), (356, 9534), (364, 9561), (368, 9573), (385, 9609),

Gene: LestyG_11 Start: 6318, Stop: 8222, Start Num: 7

Candidate Starts for LestyG_11:

(Start: 7 @6318 has 396 MA's), (9, 6345), (29, 6426), (39, 6489), (52, 6555), (58, 6588), (78, 6696), (97, 6786), (115, 6864), (130, 6921), (133, 6975), (146, 7056), (150, 7077), (154, 7104), (169, 7155), (170, 7164), (175, 7173), (203, 7350), (205, 7362), (213, 7437), (218, 7461), (222, 7482), (236, 7566), (253, 7704), (256, 7722), (262, 7749), (270, 7773), (310, 7938), (313, 7947), (337, 8052), (338, 8061), (344, 8088), (353, 8124), (368, 8178), (369, 8181), (377, 8202), (383, 8214),

Gene: Ligma_8 Start: 5351, Stop: 7141, Start Num: 14

Candidate Starts for Ligma_8:

(Start: 7 @5303 has 396 MA's), (Start: 14 @5351 has 2 MA's), (Start: 33 @5417 has 2 MA's), (38, 5459), (62, 5591), (78, 5654), (82, 5672), (128, 5825), (130, 5834), (132, 5879), (139, 5912), (146, 5969), (147, 5972), (150, 5990), (155, 6023), (161, 6050), (188, 6161), (191, 6173), (193, 6188), (203, 6275), (205, 6287), (213, 6362), (218, 6386), (224, 6422), (226, 6428), (227, 6431), (228, 6434), (233, 6467), (312, 6866), (313, 6869), (314, 6872), (329, 6941), (331, 6947), (337, 6968), (344, 7004), (355, 7049), (359, 7070), (368, 7094), (372, 7106), (377, 7118), (379, 7121),

Gene: LilMcDreamy_10 Start: 7470, Stop: 9329, Start Num: 7

Candidate Starts for LilMcDreamy_10:

(Start: 7 @7470 has 396 MA's), (38, 7614), (54, 7689), (58, 7713), (82, 7839), (116, 7950), (123, 7977), (130, 8004), (132, 8049), (139, 8082), (150, 8160), (162, 8214), (164, 8220), (191, 8334), (195, 8361), (203, 8436), (205, 8448), (213, 8523), (218, 8547), (223, 8580), (233, 8628), (253, 8790), (256, 8808), (259, 8826), (271, 8859), (308, 9033), (312, 9045), (319, 9087), (336, 9153), (343, 9189), (364, 9270),

Gene: LittleMunchkin_9 Start: 6586, Stop: 8433, Start Num: 7

Candidate Starts for LittleMunchkin_9:

(Start: 7 @6586 has 396 MA's), (Start: 33 @6700 has 2 MA's), (38, 6742), (62, 6874), (77, 6928), (78, 6937), (130, 7120), (139, 7198), (146, 7255), (147, 7258), (150, 7276), (156, 7321), (188, 7459), (191, 7471), (193, 7486), (197, 7522), (203, 7573), (213, 7660), (224, 7720), (256, 7942), (309, 8149), (310, 8152), (312, 8158), (313, 8161), (329, 8233), (331, 8239), (337, 8260), (340, 8284), (355, 8341), (359, 8362), (363, 8371), (377, 8410), (379, 8413),

Gene: LizLemon_12 Start: 7845, Stop: 9734, Start Num: 7

Candidate Starts for LizLemon_12:

(Start: 7 @7845 has 396 MA's), (13, 7893), (Start: 19 @7917 has 2 MA's), (Start: 26 @7935 has 10 MA's), (Start: 33 @7968 has 2 MA's), (51, 8076), (66, 8160), (78, 8223), (85, 8259), (100, 8310), (104, 8322), (109, 8343), (128, 8421), (130, 8430), (132, 8475), (146, 8565), (147, 8568), (149, 8574), (150, 8586), (153, 8601), (154, 8613), (179, 8697), (184, 8730), (188, 8748), (196, 8793), (203, 8862), (205, 8874), (213, 8949), (218, 8973), (219, 8979), (223, 9006), (227, 9018), (229, 9024), (233, 9054), (234, 9057), (237, 9084), (242, 9150), (244, 9159), (256, 9234), (265, 9270), (282, 9315), (309, 9453), (310, 9456), (314, 9468), (335, 9555), (337, 9564), (338, 9573), (340, 9588), (348, 9618), (353, 9636), (356, 9651), (364, 9678), (368, 9690), (385, 9726),

Gene: Lolalove_9 Start: 6745, Stop: 8634, Start Num: 7

Candidate Starts for Lolalove_9:

(Start: 7 @6745 has 396 MA's), (Start: 8 @6760 has 5 MA's), (28, 6841), (32, 6856), (39, 6907), (43, 6916), (51, 6967), (72, 7072), (82, 7132), (109, 7228), (127, 7306), (128, 7309), (130, 7318), (132, 7363), (146, 7453), (147, 7456), (164, 7534), (167, 7546), (191, 7648), (198, 7708), (203, 7750), (205, 7762), (213, 7837), (218, 7861), (219, 7867), (223, 7894), (225, 7900), (228, 7909), (233, 7942), (237, 7972), (301, 8314), (306, 8323), (307, 8326), (321, 8389), (336, 8449), (337, 8452), (338, 8461), (364, 8575), (372, 8599), (385, 8626),

Gene: Longacauda_8 Start: 4440, Stop: 6359, Start Num: 7

Candidate Starts for Longacauda_8:

(Start: 7 @4440 has 396 MA's), (Start: 30 @4551 has 5 MA's), (34, 4566), (52, 4677), (76, 4809), (81, 4833), (82, 4839), (84, 4851), (87, 4863), (129, 5028), (144, 5154), (145, 5157), (146, 5169), (149, 5178), (150, 5190), (162, 5253), (165, 5262), (175, 5298), (180, 5316), (183, 5325), (191, 5373), (202, 5469), (203, 5475), (209, 5511), (213, 5559), (218, 5583), (246, 5778), (262, 5871), (321, 6123), (353, 6258), (364, 6300), (368, 6312),

Gene: Lopsy_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Lopsy_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: LostAndPhound_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for LostAndPhound_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: LuckyMarjie_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for LuckyMarjie_8:

(Start: 7 @4441 has 396 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Lulumae_8 Start: 4442, Stop: 6361, Start Num: 7

Candidate Starts for Lulumae_8:

(Start: 7 @4442 has 396 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: Lulwa_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Lulwa_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Lumine_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Lumine_8:

(Start: 7 @4441 has 396 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: MRabcd_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for MRabcd_8:

(Start: 7 @4438 has 396 MA's), (Start: 8 @4453 has 5 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: Mag7_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Mag7_8:

(Start: 7 @4438 has 396 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (87, 4861), (115, 4975), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (336, 6181), (353, 6256), (364, 6298), (368, 6310),

Gene: Magic8_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Magic8_8:

(Start: 7 @4438 has 396 MA's), (Start: 8 @4453 has 5 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: Magpie_9 Start: 6903, Stop: 8792, Start Num: 7

Candidate Starts for Magpie_9:

(Start: 7 @6903 has 396 MA's), (Start: 8 @6918 has 5 MA's), (28, 6999), (32, 7014), (39, 7065), (43, 7074), (51, 7125), (72, 7230), (82, 7290), (109, 7386), (127, 7464), (128, 7467), (130, 7476), (132, 7521), (146, 7611), (147, 7614), (164, 7692), (167, 7704), (191, 7806), (198, 7866), (203, 7908), (205, 7920), (218, 8019), (219, 8025), (223, 8052), (225, 8058), (228, 8067), (233, 8100), (237, 8130), (301, 8472), (306, 8481), (318, 8523), (321, 8547), (336, 8607), (337, 8610), (338, 8619), (364, 8733), (381, 8778), (385, 8784),

Gene: Maih_10 Start: 8086, Stop: 9888, Start Num: 26

Candidate Starts for Maih_10:

(Start: 26 @8086 has 10 MA's), (49, 8212), (53, 8233), (55, 8245), (62, 8293), (70, 8332), (77, 8374), (82, 8401), (96, 8470), (103, 8491), (109, 8512), (127, 8590), (129, 8596), (130, 8602), (142, 8698), (149, 8746), (178, 8824), (187, 8869), (189, 8878), (194, 8911), (198, 8947), (214, 9079), (270, 9376), (283, 9412), (296, 9502), (301, 9535), (303, 9547), (317, 9598), (326, 9649), (330, 9667), (340, 9715), (342, 9721), (360, 9802), (371, 9832), (377, 9859), (388, 9877),

Gene: MakoManhole_10 Start: 6780, Stop: 8627, Start Num: 7

Candidate Starts for MakoManhole_10:

(Start: 7 @6780 has 396 MA's), (Start: 33 @6894 has 2 MA's), (38, 6936), (51, 6999), (61, 7065), (85, 7170), (124, 7293), (126, 7299), (128, 7308), (130, 7317), (147, 7455), (150, 7473), (180, 7614), (184, 7641), (188, 7659), (191, 7671), (197, 7722), (203, 7773), (213, 7860), (227, 7929), (256, 8142), (276, 8202), (278, 8211), (312, 8352), (313, 8355), (329, 8427), (331, 8433), (337, 8454), (349, 8511), (359, 8556), (364, 8568), (368, 8580), (372, 8592), (377, 8604), (379, 8607),

Gene: Mana_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Mana_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Manad_8 Start: 4442, Stop: 6361, Start Num: 7

Candidate Starts for Manad_8:

(Start: 7 @4442 has 396 MA's), (Start: 8 @4457 has 5 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: Mao1_6 Start: 4087, Stop: 6054, Start Num: 5

Candidate Starts for Mao1_6:

(Start: 5 @4087 has 7 MA's), (Start: 7 @4105 has 396 MA's), (20, 4183), (29, 4231), (51, 4354), (70, 4450), (72, 4459), (80, 4510), (105, 4609), (112, 4654), (128, 4714), (130, 4723), (132, 4768), (137, 4789), (145, 4846), (148, 4864), (163, 4945), (168, 4966), (171, 4978), (175, 4987), (179, 4999), (188, 5050), (189, 5053), (194, 5086), (203, 5164), (205, 5176), (209, 5200), (217, 5272), (218, 5275), (233, 5356), (243, 5455), (248, 5485), (256, 5536), (309, 5770), (325, 5836), (327, 5845), (337, 5881), (340, 5905), (359, 5983), (364, 5995), (385, 6046), (387, 6049),

Gene: Mariokart_8 Start: 5358, Stop: 7151, Start Num: 14

Candidate Starts for Mariokart_8:

(Start: 7 @5310 has 396 MA's), (Start: 14 @5358 has 2 MA's), (Start: 33 @5424 has 2 MA's), (38, 5466), (52, 5535), (78, 5661), (82, 5679), (111, 5760), (128, 5832), (132, 5886), (139, 5919), (146, 5976), (147, 5979), (150, 5997), (156, 6042), (161, 6063), (188, 6174), (191, 6186), (193, 6201), (197, 6237), (203, 6288), (205, 6300), (213, 6375), (218, 6399), (224, 6435), (227, 6444), (233, 6480), (235, 6501), (309, 6867), (312, 6876), (313, 6879), (329, 6951), (331, 6957), (337, 6978), (338, 6987), (355, 7059), (364, 7092), (368, 7104), (372, 7116), (377, 7128), (379, 7131),

Gene: Marley1013_11 Start: 7104, Stop: 9008, Start Num: 7

Candidate Starts for Marley1013_11:

(Start: 7 @7104 has 396 MA's), (9, 7131), (29, 7212), (39, 7275), (52, 7341), (58, 7374), (78, 7482), (97, 7572), (115, 7650), (130, 7707), (133, 7761), (146, 7842), (150, 7863), (154, 7890), (169, 7941), (170, 7950), (175, 7959), (203, 8136), (205, 8148), (213, 8223), (218, 8247), (222, 8268), (236, 8352), (253, 8490), (256, 8508), (262, 8535), (270, 8559), (310, 8724), (313, 8733), (337, 8838), (338, 8847), (344, 8874), (368, 8964), (369, 8967), (377, 8988), (383, 9000),

Gene: Maru_8 Start: 4439, Stop: 6358, Start Num: 7

Candidate Starts for Maru_8:

(Start: 7 @4439 has 396 MA's), (Start: 8 @4454 has 5 MA's), (Start: 30 @4550 has 5 MA's), (34, 4565), (52, 4676), (76, 4808), (81, 4832), (82, 4838), (84, 4850), (87, 4862), (129, 5027), (144, 5153), (145, 5156), (146, 5168), (149, 5177), (150, 5189), (162, 5252), (165, 5261), (175, 5297), (180, 5315), (183, 5324), (191, 5372), (202, 5468), (203, 5474), (209, 5510), (213, 5558), (218, 5582), (246, 5777), (262, 5870), (321, 6122), (353, 6257), (364, 6299), (368, 6311),

Gene: Mask_7 Start: 4088, Stop: 6055, Start Num: 5

Candidate Starts for Mask_7:

(Start: 5 @4088 has 7 MA's), (Start: 7 @4106 has 396 MA's), (20, 4184), (29, 4232), (51, 4355), (70, 4451), (72, 4460), (80, 4511), (105, 4610), (112, 4655), (128, 4715), (130, 4724), (132, 4769), (137, 4790), (145, 4847), (148, 4865), (163, 4946), (168, 4967), (171, 4979), (175, 4988), (179, 5000), (188,

5051), (189, 5054), (194, 5087), (203, 5165), (205, 5177), (209, 5201), (217, 5273), (218, 5276), (233, 5357), (243, 5456), (248, 5486), (256, 5537), (309, 5771), (325, 5837), (327, 5846), (337, 5882), (340, 5906), (359, 5984), (364, 5996), (385, 6047), (387, 6050),

Gene: Maskar_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Maskar_8:

(Start: 7 @4438 has 396 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (87, 4861), (115, 4975), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (336, 6181), (353, 6256), (364, 6298), (368, 6310),

Gene: MasterPo_12 Start: 7728, Stop: 9617, Start Num: 7

Candidate Starts for MasterPo_12:

(Start: 7 @7728 has 396 MA's), (13, 7776), (Start: 19 @7800 has 2 MA's), (Start: 26 @7818 has 10 MA's), (Start: 33 @7851 has 2 MA's), (51, 7959), (66, 8043), (78, 8106), (85, 8142), (100, 8193), (104, 8205), (109, 8226), (128, 8304), (130, 8313), (132, 8358), (146, 8448), (147, 8451), (149, 8457), (150, 8469), (153, 8484), (154, 8496), (179, 8580), (184, 8613), (188, 8631), (196, 8676), (203, 8745), (205, 8757), (213, 8832), (218, 8856), (219, 8862), (223, 8889), (227, 8901), (229, 8907), (233, 8937), (234, 8940), (237, 8967), (242, 9033), (244, 9042), (256, 9117), (265, 9153), (282, 9198), (309, 9336), (310, 9339), (314, 9351), (335, 9438), (337, 9447), (338, 9456), (340, 9471), (348, 9501), (353, 9519), (356, 9534), (364, 9561), (368, 9573), (385, 9609),

Gene: Matalotodo_8 Start: 4442, Stop: 6361, Start Num: 7

Candidate Starts for Matalotodo_8:

(Start: 7 @4442 has 396 MA's), (Start: 8 @4457 has 5 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: Mcshane_8 Start: 4442, Stop: 6361, Start Num: 7

Candidate Starts for Mcshane_8:

(Start: 7 @4442 has 396 MA's), (Start: 8 @4457 has 5 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: Mecca_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Mecca_8:

(Start: 7 @4438 has 396 MA's), (Start: 8 @4453 has 5 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: Megabear_6 Start: 3328, Stop: 5202, Start Num: 5

Candidate Starts for Megabear_6:

(Start: 5 @3328 has 7 MA's), (Start: 7 @3346 has 396 MA's), (Start: 19 @3403 has 2 MA's), (47, 3541), (51, 3571), (60, 3625), (82, 3736), (112, 3865), (128, 3922), (130, 3931), (132, 3976), (136, 3994), (148, 4072), (149, 4075), (175, 4159), (182, 4183), (185, 4207), (203, 4336), (205, 4348), (209, 4372), (213, 4423), (223, 4480), (227, 4492), (250, 4666), (262, 4735), (329, 4987), (364, 5128), (368,

5140), (387, 5182),

Gene: Megamind20_9 Start: 4457, Stop: 6361, Start Num: 8

Candidate Starts for Megamind20_9:

(Start: 7 @4442 has 396 MA's), (Start: 8 @4457 has 5 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: Megatron_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Megatron_8:

(Start: 7 @4438 has 396 MA's), (Start: 8 @4453 has 5 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: Melc17_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Melc17_8:

(Start: 7 @4438 has 396 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: MelsMeow_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for MelsMeow_8:

(Start: 7 @4438 has 396 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (87, 4861), (115, 4975), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (336, 6181), (353, 6256), (364, 6298), (368, 6310),

Gene: Mesh1_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Mesh1_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: MichaelPhcott_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for MichaelPhcott_8:

(Start: 7 @4438 has 396 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (87, 4861), (115, 4975), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (336, 6181), (353, 6256), (364, 6298), (368, 6310),

Gene: Mikota_8 Start: 4439, Stop: 6358, Start Num: 7

Candidate Starts for Mikota_8:

(Start: 7 @4439 has 396 MA's), (Start: 30 @4550 has 5 MA's), (34, 4565), (52, 4676), (76, 4808), (81, 4832), (82, 4838), (84, 4850), (87, 4862), (129, 5027), (144, 5153), (145, 5156), (146, 5168), (149, 5177), (150, 5189), (162, 5252), (165, 5261), (175, 5297), (180, 5315), (183, 5324), (191, 5372), (202, 5468), (203, 5474), (209, 5510), (213, 5558), (218, 5582), (246, 5777), (262, 5870), (321, 6122), (353, 6257), (364, 6299), (368, 6311),

Gene: MiniBoss_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for MiniBoss_8:

(Start: 7 @4441 has 396 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Mischief19_11 Start: 9640, Stop: 11433, Start Num: 26

Candidate Starts for Mischief19_11:

(Start: 26 @9640 has 10 MA's), (41, 9733), (53, 9796), (55, 9808), (57, 9823), (70, 9895), (75, 9931), (98, 10036), (106, 10060), (129, 10159), (132, 10210), (140, 10246), (149, 10309), (182, 10402), (187, 10432), (189, 10441), (192, 10462), (205, 10564), (206, 10576), (234, 10747), (270, 10948), (303, 11107), (317, 11158), (326, 11209), (328, 11218), (342, 11284), (371, 11395), (376, 11416),

Gene: MitKao_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for MitKao_8:

(Start: 7 @4441 has 396 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Mithril_9 Start: 6748, Stop: 8637, Start Num: 7

Candidate Starts for Mithril_9:

(Start: 7 @6748 has 396 MA's), (Start: 8 @6763 has 5 MA's), (28, 6844), (32, 6859), (39, 6910), (43, 6919), (51, 6970), (72, 7075), (82, 7135), (109, 7231), (127, 7309), (128, 7312), (130, 7321), (132, 7366), (146, 7456), (147, 7459), (164, 7537), (167, 7549), (191, 7651), (198, 7711), (203, 7753), (205, 7765), (218, 7864), (219, 7870), (223, 7897), (225, 7903), (228, 7912), (233, 7945), (301, 8317), (306, 8326), (307, 8329), (321, 8392), (336, 8452), (337, 8455), (338, 8464), (364, 8578), (372, 8602), (385, 8629),

Gene: MmasiCarm_11 Start: 6314, Stop: 8218, Start Num: 7

Candidate Starts for MmasiCarm_11:

(Start: 7 @6314 has 396 MA's), (9, 6341), (29, 6422), (39, 6485), (52, 6551), (58, 6584), (78, 6692), (97, 6782), (115, 6860), (130, 6917), (133, 6971), (146, 7052), (150, 7073), (154, 7100), (169, 7151), (170, 7160), (175, 7169), (203, 7346), (205, 7358), (213, 7433), (218, 7457), (222, 7478), (236, 7562), (253, 7700), (256, 7718), (262, 7745), (270, 7769), (310, 7934), (313, 7943), (337, 8048), (338, 8057), (344, 8084), (368, 8174), (377, 8198), (383, 8210),

Gene: Morgushi_8 Start: 4439, Stop: 6358, Start Num: 7

Candidate Starts for Morgushi_8:

(Start: 7 @4439 has 396 MA's), (Start: 8 @4454 has 5 MA's), (Start: 30 @4550 has 5 MA's), (34, 4565), (52, 4676), (76, 4808), (81, 4832), (82, 4838), (84, 4850), (87, 4862), (129, 5027), (144, 5153), (145, 5156), (146, 5168), (149, 5177), (150, 5189), (162, 5252), (165, 5261), (175, 5297), (180, 5315), (183, 5324), (191, 5372), (202, 5468), (203, 5474), (209, 5510), (213, 5558), (218, 5582), (246, 5777), (262, 5870), (321, 6122), (353, 6257), (364, 6299), (368, 6311),

Gene: Mortcellus_10 Start: 6952, Stop: 8856, Start Num: 7

Candidate Starts for Mortcellus_10:

(Start: 7 @6952 has 396 MA's), (9, 6979), (29, 7060), (39, 7123), (52, 7189), (58, 7222), (78, 7330), (97, 7420), (115, 7498), (130, 7555), (133, 7609), (146, 7690), (150, 7711), (154, 7738), (169, 7789), (170, 7798), (175, 7807), (203, 7984), (205, 7996), (213, 8071), (218, 8095), (222, 8116), (236, 8200), (253, 8338), (256, 8356), (262, 8383), (270, 8407), (310, 8572), (313, 8581), (337, 8686), (338, 8695), (344, 8722), (353, 8758), (368, 8812), (369, 8815), (377, 8836), (383, 8848),

Gene: Morty_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Morty_8:

(Start: 7 @4438 has 396 MA's), (Start: 8 @4453 has 5 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: Morty007_11 Start: 7104, Stop: 9008, Start Num: 7

Candidate Starts for Morty007_11:

(Start: 7 @7104 has 396 MA's), (9, 7131), (29, 7212), (39, 7275), (52, 7341), (58, 7374), (78, 7482), (97, 7572), (115, 7650), (130, 7707), (133, 7761), (146, 7842), (150, 7863), (154, 7890), (169, 7941), (170, 7950), (175, 7959), (203, 8136), (205, 8148), (213, 8223), (218, 8247), (222, 8268), (236, 8352), (253, 8490), (256, 8508), (262, 8535), (270, 8559), (310, 8724), (313, 8733), (337, 8838), (338, 8847), (344, 8874), (368, 8964), (369, 8967), (377, 8988), (383, 9000),

Gene: Mosaic_8 Start: 4442, Stop: 6361, Start Num: 7

Candidate Starts for Mosaic_8:

(Start: 7 @4442 has 396 MA's), (Start: 8 @4457 has 5 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: MossRose_10 Start: 6894, Stop: 8627, Start Num: 33

Candidate Starts for MossRose_10:

(Start: 7 @6780 has 396 MA's), (Start: 33 @6894 has 2 MA's), (38, 6936), (51, 6999), (61, 7065), (85, 7170), (92, 7194), (124, 7293), (126, 7299), (128, 7308), (130, 7317), (147, 7455), (150, 7473), (180, 7614), (184, 7641), (188, 7659), (191, 7671), (197, 7722), (203, 7773), (213, 7860), (218, 7884), (256, 8142), (276, 8202), (278, 8211), (312, 8352), (313, 8355), (329, 8427), (331, 8433), (337, 8454), (349, 8511), (352, 8523), (359, 8556), (364, 8568), (368, 8580), (372, 8592), (377, 8604), (379, 8607),

Gene: MrPhizzler_8 Start: 4548, Stop: 6356, Start Num: 30

Candidate Starts for MrPhizzler_8:

(Start: 7 @4437 has 396 MA's), (Start: 30 @4548 has 5 MA's), (34, 4563), (52, 4674), (76, 4806), (81, 4830), (82, 4836), (84, 4848), (87, 4860), (129, 5025), (144, 5151), (145, 5154), (146, 5166), (149, 5175), (150, 5187), (162, 5250), (165, 5259), (175, 5295), (180, 5313), (183, 5322), (191, 5370), (202, 5466), (203, 5472), (209, 5508), (213, 5556), (218, 5580), (246, 5775), (262, 5868), (321, 6120), (353, 6255), (364, 6297), (368, 6309),

Gene: Mudslide_9 Start: 6996, Stop: 8885, Start Num: 7

Candidate Starts for Mudslide_9:

(Start: 7 @6996 has 396 MA's), (Start: 8 @7011 has 5 MA's), (28, 7092), (32, 7107), (39, 7158), (43, 7167), (51, 7218), (72, 7323), (82, 7383), (109, 7479), (127, 7557), (128, 7560), (130, 7569), (132,

7614), (146, 7704), (147, 7707), (164, 7785), (167, 7797), (191, 7899), (198, 7959), (203, 8001), (205, 8013), (218, 8112), (219, 8118), (223, 8145), (225, 8151), (228, 8160), (233, 8193), (245, 8301), (301, 8565), (306, 8574), (307, 8577), (321, 8640), (336, 8700), (337, 8703), (338, 8712), (364, 8826), (381, 8871), (385, 8877),

Gene: Mulan_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Mulan_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Murdoc_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Murdoc_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Mutante_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Mutante_8:

(Start: 7 @4438 has 396 MA's), (Start: 8 @4453 has 5 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: Mysterious_10 Start: 6968, Stop: 8833, Start Num: 7

Candidate Starts for Mysterious_10:

(Start: 7 @6968 has 396 MA's), (36, 7088), (38, 7124), (43, 7136), (44, 7145), (58, 7223), (66, 7268), (81, 7343), (82, 7349), (112, 7448), (116, 7460), (118, 7475), (130, 7514), (132, 7559), (147, 7652), (150, 7670), (183, 7796), (191, 7844), (194, 7868), (198, 7904), (203, 7946), (207, 7973), (213, 8033), (218, 8057), (223, 8090), (227, 8102), (230, 8114), (233, 8138), (253, 8300), (256, 8318), (259, 8336), (308, 8537), (314, 8555), (317, 8567), (319, 8591), (336, 8657), (359, 8762), (385, 8825), (387, 8828),

Gene: NHagos_8 Start: 5267, Stop: 7105, Start Num: 7

Candidate Starts for NHagos_8:

(Start: 7 @5267 has 396 MA's), (Start: 33 @5381 has 2 MA's), (38, 5423), (62, 5558), (82, 5639), (85, 5657), (112, 5735), (113, 5738), (114, 5741), (123, 5774), (146, 5936), (147, 5939), (150, 5957), (152, 5963), (179, 6083), (180, 6089), (184, 6116), (188, 6134), (191, 6146), (203, 6248), (205, 6260), (213, 6335), (218, 6359), (223, 6392), (260, 6638), (268, 6659), (269, 6665), (309, 6821), (312, 6830), (313, 6833), (337, 6932), (349, 6989), (352, 7001), (359, 7034), (364, 7046), (377, 7082), (379, 7085), (385, 7097),

Gene: Nacho_008 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Nacho_008:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Nanao_8 Start: 5643, Stop: 7532, Start Num: 7

Candidate Starts for Nanao_8:

(Start: 7 @5643 has 396 MA's), (28, 5739), (32, 5754), (39, 5805), (43, 5814), (51, 5865), (53, 5874), (72, 5970), (82, 6030), (109, 6126), (128, 6207), (132, 6261), (146, 6351), (147, 6354), (164, 6432), (167, 6444), (191, 6546), (198, 6606), (203, 6648), (205, 6660), (213, 6735), (218, 6759), (219, 6765), (223, 6792), (225, 6798), (233, 6840), (237, 6870), (301, 7212), (306, 7221), (307, 7224), (319, 7281), (336, 7347), (337, 7350), (338, 7359), (364, 7473), (381, 7518), (385, 7524),

Gene: Nangang_10 Start: 6702, Stop: 8567, Start Num: 7

Candidate Starts for Nangang_10:

(Start: 7 @6702 has 396 MA's), (Start: 8 @6717 has 5 MA's), (38, 6855), (43, 6867), (53, 6927), (59, 6969), (77, 7053), (79, 7065), (81, 7074), (116, 7191), (118, 7206), (130, 7245), (147, 7383), (150, 7401), (162, 7455), (194, 7599), (198, 7635), (203, 7677), (213, 7764), (218, 7788), (223, 7821), (227, 7833), (230, 7845), (233, 7869), (256, 8049), (259, 8067), (298, 8247), (307, 8268), (314, 8289), (336, 8391), (349, 8451), (385, 8559), (387, 8562),

Gene: Nehemiah_9 Start: 6968, Stop: 8833, Start Num: 7

Candidate Starts for Nehemiah_9:

(Start: 7 @6968 has 396 MA's), (36, 7088), (38, 7124), (43, 7136), (44, 7145), (58, 7223), (66, 7268), (81, 7343), (82, 7349), (112, 7448), (116, 7460), (118, 7475), (130, 7514), (132, 7559), (147, 7652), (150, 7670), (183, 7796), (191, 7844), (194, 7868), (198, 7904), (203, 7946), (207, 7973), (213, 8033), (218, 8057), (223, 8090), (227, 8102), (230, 8114), (233, 8138), (253, 8300), (256, 8318), (259, 8336), (308, 8537), (314, 8555), (317, 8567), (319, 8591), (336, 8657), (359, 8762), (385, 8825), (387, 8828),

Gene: Neos5_11 Start: 7104, Stop: 9008, Start Num: 7

Candidate Starts for Neos5_11:

(Start: 7 @7104 has 396 MA's), (9, 7131), (29, 7212), (39, 7275), (52, 7341), (58, 7374), (78, 7482), (97, 7572), (115, 7650), (130, 7707), (133, 7761), (146, 7842), (150, 7863), (154, 7890), (169, 7941), (170, 7950), (175, 7959), (203, 8136), (205, 8148), (213, 8223), (218, 8247), (222, 8268), (236, 8352), (253, 8490), (256, 8508), (262, 8535), (270, 8559), (310, 8724), (313, 8733), (337, 8838), (338, 8847), (344, 8874), (368, 8964), (377, 8988), (383, 9000),

Gene: Newman_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Newman_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Nicole21_8 Start: 4439, Stop: 6358, Start Num: 7

Candidate Starts for Nicole21_8:

(Start: 7 @4439 has 396 MA's), (Start: 8 @4454 has 5 MA's), (Start: 30 @4550 has 5 MA's), (34, 4565), (52, 4676), (76, 4808), (81, 4832), (82, 4838), (84, 4850), (87, 4862), (129, 5027), (144, 5153), (145, 5156), (146, 5168), (149, 5177), (150, 5189), (162, 5252), (165, 5261), (175, 5297), (180, 5315), (183, 5324), (191, 5372), (202, 5468), (203, 5474), (209, 5510), (213, 5558), (218, 5582), (246, 5777), (262, 5870), (321, 6122), (353, 6257), (364, 6299), (368, 6311),

Gene: Nigel_7 Start: 5552, Stop: 7444, Start Num: 7

Candidate Starts for Nigel_7:

(Start: 7 @5552 has 396 MA's), (Start: 26 @5633 has 10 MA's), (32, 5663), (35, 5672), (39, 5714), (43, 5723), (53, 5783), (70, 5870), (72, 5879), (82, 5939), (86, 5960), (127, 6113), (128, 6116), (130,

6125), (132, 6170), (146, 6260), (147, 6263), (162, 6335), (164, 6341), (165, 6344), (167, 6353), (183, 6407), (188, 6443), (191, 6455), (193, 6470), (198, 6515), (203, 6557), (217, 6665), (218, 6668), (219, 6674), (223, 6701), (225, 6707), (227, 6713), (257, 6932), (263, 6959), (287, 7022), (301, 7124), (306, 7133), (307, 7136), (319, 7193), (321, 7199), (336, 7259), (337, 7262), (338, 7271), (364, 7385), (374, 7415), (385, 7436),

Gene: Nozo_11 Start: 7076, Stop: 8983, Start Num: 7

Candidate Starts for Nozo_11:

(Start: 7 @7076 has 396 MA's), (9, 7103), (29, 7184), (39, 7247), (52, 7313), (58, 7346), (78, 7454), (97, 7544), (115, 7622), (130, 7679), (133, 7733), (146, 7814), (150, 7835), (154, 7862), (169, 7913), (170, 7922), (175, 7931), (203, 8108), (205, 8120), (213, 8195), (218, 8219), (222, 8240), (236, 8324), (253, 8462), (256, 8480), (262, 8507), (270, 8531), (310, 8699), (313, 8708), (337, 8813), (338, 8822), (344, 8849), (368, 8939), (377, 8963), (383, 8975),

Gene: Numberten_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Numberten_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Nyala_8 Start: 4442, Stop: 6361, Start Num: 7

Candidate Starts for Nyala_8:

(Start: 7 @4442 has 396 MA's), (Start: 8 @4457 has 5 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: OSmaximus_8 Start: 4439, Stop: 6358, Start Num: 7

Candidate Starts for OSmaximus_8:

(Start: 7 @4439 has 396 MA's), (Start: 30 @4550 has 5 MA's), (34, 4565), (52, 4676), (76, 4808), (81, 4832), (82, 4838), (84, 4850), (87, 4862), (129, 5027), (144, 5153), (145, 5156), (146, 5168), (149, 5177), (150, 5189), (162, 5252), (165, 5261), (175, 5297), (180, 5315), (183, 5324), (191, 5372), (202, 5468), (203, 5474), (209, 5510), (213, 5558), (218, 5582), (246, 5777), (262, 5870), (321, 6122), (353, 6257), (364, 6299), (368, 6311),

Gene: Obutu_11 Start: 6315, Stop: 8219, Start Num: 7

Candidate Starts for Obutu_11:

(Start: 7 @6315 has 396 MA's), (9, 6342), (29, 6423), (39, 6486), (52, 6552), (58, 6585), (78, 6693), (97, 6783), (115, 6861), (130, 6918), (133, 6972), (146, 7053), (150, 7074), (154, 7101), (169, 7152), (170, 7161), (175, 7170), (203, 7347), (205, 7359), (213, 7434), (218, 7458), (222, 7479), (236, 7563), (253, 7701), (256, 7719), (262, 7746), (270, 7770), (310, 7935), (313, 7944), (337, 8049), (338, 8058), (344, 8085), (353, 8121), (368, 8175), (369, 8178), (377, 8199), (383, 8211),

Gene: Olak_8 Start: 4439, Stop: 6358, Start Num: 7

Candidate Starts for Olak_8:

(Start: 7 @4439 has 396 MA's), (Start: 8 @4454 has 5 MA's), (Start: 30 @4550 has 5 MA's), (34, 4565), (52, 4676), (76, 4808), (81, 4832), (82, 4838), (84, 4850), (87, 4862), (129, 5027), (144, 5153), (145, 5156), (146, 5168), (149, 5177), (150, 5189), (162, 5252), (165, 5261), (175, 5297), (180, 5315), (183, 5324), (191, 5372), (202, 5468), (203, 5474), (209, 5510), (213, 5558), (218, 5582), (246, 5777), (262, 5870), (321, 6122), (353, 6257), (364, 6299), (368, 6311),

Gene: Oline_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Oline_8:

(Start: 7 @4438 has 396 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (87, 4861), (115, 4975), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (336, 6181), (353, 6256), (364, 6298), (368, 6310),

Gene: Olive_8 Start: 4453, Stop: 6357, Start Num: 8

Candidate Starts for Olive_8:

(Start: 7 @4438 has 396 MA's), (Start: 8 @4453 has 5 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: OliverWalter_8 Start: 4437, Stop: 6356, Start Num: 7

Candidate Starts for OliverWalter_8:

(Start: 7 @4437 has 396 MA's), (Start: 8 @4452 has 5 MA's), (Start: 30 @4548 has 5 MA's), (34, 4563), (52, 4674), (76, 4806), (81, 4830), (82, 4836), (84, 4848), (87, 4860), (129, 5025), (144, 5151), (145, 5154), (146, 5166), (149, 5175), (150, 5187), (162, 5250), (165, 5259), (175, 5295), (180, 5313), (183, 5322), (191, 5370), (202, 5466), (203, 5472), (209, 5508), (213, 5556), (218, 5580), (246, 5775), (262, 5868), (321, 6120), (353, 6255), (364, 6297), (368, 6309),

Gene: Omniscient_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Omniscient_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Oosterbaan_8 Start: 4442, Stop: 6361, Start Num: 7

Candidate Starts for Oosterbaan_8:

(Start: 7 @4442 has 396 MA's), (Start: 8 @4457 has 5 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: Opia_12 Start: 7728, Stop: 9617, Start Num: 7

Candidate Starts for Opia_12:

(Start: 7 @7728 has 396 MA's), (13, 7776), (Start: 19 @7800 has 2 MA's), (Start: 26 @7818 has 10 MA's), (Start: 33 @7851 has 2 MA's), (51, 7959), (66, 8043), (78, 8106), (85, 8142), (100, 8193), (104, 8205), (109, 8226), (128, 8304), (130, 8313), (132, 8358), (146, 8448), (147, 8451), (149, 8457), (150, 8469), (153, 8484), (154, 8496), (179, 8580), (184, 8613), (188, 8631), (196, 8676), (203, 8745), (205, 8757), (213, 8832), (218, 8856), (219, 8862), (223, 8889), (227, 8901), (229, 8907), (233, 8937), (234, 8940), (237, 8967), (242, 9033), (244, 9042), (256, 9117), (265, 9153), (282, 9198), (309, 9336), (310, 9339), (314, 9351), (335, 9438), (337, 9447), (338, 9456), (340, 9471), (348, 9501), (353, 9519), (356, 9534), (364, 9561), (368, 9573), (385, 9609),

Gene: OrangeOswald_11 Start: 6314, Stop: 8218, Start Num: 7

Candidate Starts for OrangeOswald_11:

(Start: 7 @6314 has 396 MA's), (9, 6341), (29, 6422), (39, 6485), (52, 6551), (58, 6584), (78, 6692), (97, 6782), (115, 6860), (130, 6917), (133, 6971), (146, 7052), (150, 7073), (154, 7100), (169, 7151), (170, 7160), (175, 7169), (203, 7346), (205, 7358), (213, 7433), (218, 7457), (222, 7478), (236, 7562), (253, 7700), (256, 7718), (262, 7745), (270, 7769), (310, 7934), (313, 7943), (337, 8048), (338, 8057), (344, 8084), (368, 8174), (377, 8198), (383, 8210),

Gene: Orfeu_8 Start: 4440, Stop: 6359, Start Num: 7

Candidate Starts for Orfeu_8:

(Start: 7 @4440 has 396 MA's), (Start: 30 @4551 has 5 MA's), (34, 4566), (52, 4677), (76, 4809), (81, 4833), (82, 4839), (84, 4851), (87, 4863), (129, 5028), (144, 5154), (145, 5157), (146, 5169), (149, 5178), (150, 5190), (162, 5253), (165, 5262), (175, 5298), (180, 5316), (183, 5325), (191, 5373), (202, 5469), (203, 5475), (209, 5511), (213, 5559), (218, 5583), (246, 5778), (262, 5871), (321, 6123), (353, 6258), (364, 6300), (368, 6312),

Gene: Orion_8 Start: 4439, Stop: 6358, Start Num: 7

Candidate Starts for Orion_8:

(Start: 7 @4439 has 396 MA's), (Start: 8 @4454 has 5 MA's), (Start: 30 @4550 has 5 MA's), (34, 4565), (52, 4676), (76, 4808), (81, 4832), (82, 4838), (84, 4850), (87, 4862), (129, 5027), (144, 5153), (145, 5156), (146, 5168), (149, 5177), (150, 5189), (162, 5252), (165, 5261), (175, 5297), (180, 5315), (183, 5324), (191, 5372), (202, 5468), (203, 5474), (209, 5510), (213, 5558), (218, 5582), (246, 5777), (262, 5870), (321, 6122), (353, 6257), (364, 6299), (368, 6311),

Gene: Orwigg_9 Start: 4457, Stop: 6361, Start Num: 8

Candidate Starts for Orwigg_9:

(Start: 7 @4442 has 396 MA's), (Start: 8 @4457 has 5 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: PG1_8 Start: 4439, Stop: 6358, Start Num: 7

Candidate Starts for PG1_8:

(Start: 7 @4439 has 396 MA's), (Start: 8 @4454 has 5 MA's), (Start: 30 @4550 has 5 MA's), (34, 4565), (52, 4676), (76, 4808), (81, 4832), (82, 4838), (84, 4850), (87, 4862), (129, 5027), (144, 5153), (145, 5156), (146, 5168), (149, 5177), (150, 5189), (162, 5252), (165, 5261), (175, 5297), (180, 5315), (183, 5324), (191, 5372), (202, 5468), (203, 5474), (209, 5510), (213, 5558), (218, 5582), (246, 5777), (262, 5870), (321, 6122), (353, 6257), (364, 6299), (368, 6311),

Gene: PR_06 Start: 3403, Stop: 5202, Start Num: 19

Candidate Starts for PR_06:

(Start: 5 @3328 has 7 MA's), (Start: 7 @3346 has 396 MA's), (Start: 19 @3403 has 2 MA's), (47, 3541), (51, 3571), (60, 3625), (82, 3736), (112, 3865), (128, 3922), (130, 3931), (132, 3976), (136, 3994), (148, 4072), (149, 4075), (175, 4159), (182, 4183), (185, 4207), (203, 4336), (205, 4348), (209, 4372), (213, 4423), (223, 4480), (227, 4492), (250, 4666), (262, 4735), (329, 4987), (364, 5128), (368, 5140), (387, 5182),

Gene: Pacifista_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Pacifista_8:

(Start: 7 @4438 has 396 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353,

6256), (364, 6298), (368, 6310),

Gene: PenguinLover67_12 Start: 7600, Stop: 9486, Start Num: 7

Candidate Starts for PenguinLover67_12:

(Start: 7 @7600 has 396 MA's), (Start: 33 @7714 has 2 MA's), (51, 7822), (67, 7900), (68, 7906), (76, 7957), (82, 7987), (107, 8047), (109, 8062), (116, 8098), (118, 8113), (132, 8197), (139, 8230), (146, 8287), (150, 8308), (154, 8335), (159, 8356), (164, 8377), (167, 8389), (189, 8482), (191, 8491), (197, 8542), (203, 8593), (218, 8704), (223, 8737), (227, 8749), (237, 8815), (256, 8965), (258, 8971), (263, 8995), (279, 9046), (300, 9178), (306, 9190), (312, 9208), (336, 9310), (338, 9322), (354, 9391), (355, 9394),

Gene: Phaedrus_10 Start: 6231, Stop: 8135, Start Num: 7

Candidate Starts for Phaedrus_10:

(Start: 7 @6231 has 396 MA's), (9, 6258), (29, 6339), (39, 6402), (52, 6468), (58, 6501), (78, 6609), (97, 6699), (115, 6777), (130, 6834), (133, 6888), (146, 6969), (150, 6990), (154, 7017), (169, 7068), (170, 7077), (175, 7086), (203, 7263), (205, 7275), (213, 7350), (218, 7374), (222, 7395), (236, 7479), (253, 7617), (256, 7635), (262, 7662), (270, 7686), (310, 7851), (313, 7860), (337, 7965), (338, 7974), (344, 8001), (368, 8091), (369, 8094), (377, 8115), (383, 8127),

Gene: Phamished_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Phamished_8:

(Start: 7 @4438 has 396 MA's), (Start: 8 @4453 has 5 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: Phantasmagoria_12 Start: 7728, Stop: 9617, Start Num: 7

Candidate Starts for Phantasmagoria_12:

(Start: 7 @7728 has 396 MA's), (13, 7776), (Start: 19 @7800 has 2 MA's), (Start: 26 @7818 has 10 MA's), (Start: 33 @7851 has 2 MA's), (51, 7959), (66, 8043), (78, 8106), (85, 8142), (100, 8193), (109, 8226), (128, 8304), (130, 8313), (132, 8358), (146, 8448), (147, 8451), (149, 8457), (150, 8469), (153, 8484), (154, 8496), (179, 8580), (184, 8613), (188, 8631), (196, 8676), (203, 8745), (205, 8757), (213, 8832), (218, 8856), (219, 8862), (223, 8889), (227, 8901), (229, 8907), (233, 8937), (234, 8940), (237, 8967), (242, 9033), (244, 9042), (256, 9117), (265, 9153), (282, 9198), (309, 9336), (310, 9339), (314, 9351), (335, 9438), (337, 9447), (338, 9456), (340, 9471), (348, 9501), (353, 9519), (356, 9534), (364, 9561), (368, 9573), (385, 9609),

Gene: Phareon_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Phareon_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: PhatCats2014_8 Start: 4442, Stop: 6361, Start Num: 7

Candidate Starts for PhatCats2014_8:

(Start: 7 @4442 has 396 MA's), (Start: 8 @4457 has 5 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: PhatLouie_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for PhatLouie_8:

(Start: 7 @4441 has 396 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Phayeta_11 Start: 6190, Stop: 8094, Start Num: 7

Candidate Starts for Phayeta_11:

(Start: 7 @6190 has 396 MA's), (9, 6217), (29, 6298), (39, 6361), (52, 6427), (58, 6460), (78, 6568), (97, 6658), (115, 6736), (130, 6793), (133, 6847), (146, 6928), (150, 6949), (154, 6976), (169, 7027), (170, 7036), (175, 7045), (203, 7222), (205, 7234), (213, 7309), (218, 7333), (222, 7354), (236, 7438), (253, 7576), (256, 7594), (262, 7621), (270, 7645), (310, 7810), (313, 7819), (337, 7924), (338, 7933), (344, 7960), (368, 8050), (369, 8053), (377, 8074), (383, 8086),

Gene: Phelemich_10 Start: 6971, Stop: 8836, Start Num: 7

Candidate Starts for Phelemich_10:

(Start: 7 @6971 has 396 MA's), (Start: 8 @6986 has 5 MA's), (36, 7091), (38, 7127), (43, 7139), (44, 7148), (58, 7226), (66, 7271), (81, 7346), (82, 7352), (112, 7451), (116, 7463), (118, 7478), (130, 7517), (132, 7562), (139, 7595), (147, 7655), (150, 7673), (183, 7799), (191, 7847), (194, 7871), (198, 7907), (203, 7949), (213, 8036), (218, 8060), (223, 8093), (227, 8105), (230, 8117), (233, 8141), (256, 8321), (271, 8372), (308, 8540), (314, 8558), (317, 8570), (319, 8594), (336, 8660), (359, 8765), (385, 8828), (387, 8831),

Gene: PhenghisKhan_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for PhenghisKhan_8:

(Start: 7 @4438 has 396 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (87, 4861), (115, 4975), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (336, 6181), (353, 6256), (364, 6298), (368, 6310),

Gene: Pherdinand_8 Start: 4439, Stop: 6358, Start Num: 7

Candidate Starts for Pherdinand_8:

(Start: 7 @4439 has 396 MA's), (Start: 8 @4454 has 5 MA's), (Start: 30 @4550 has 5 MA's), (34, 4565), (52, 4676), (76, 4808), (81, 4832), (82, 4838), (84, 4850), (87, 4862), (129, 5027), (144, 5153), (145, 5156), (146, 5168), (149, 5177), (150, 5189), (162, 5252), (165, 5261), (175, 5297), (180, 5315), (183, 5324), (191, 5372), (202, 5468), (203, 5474), (209, 5510), (213, 5558), (218, 5582), (246, 5777), (262, 5870), (321, 6122), (353, 6257), (364, 6299), (368, 6311),

Gene: Phergie_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Phergie_8:

(Start: 7 @4438 has 396 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (87, 4861), (115, 4975), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (336, 6181), (353, 6256), (364, 6298), (368, 6310),

Gene: Philly_10 Start: 6204, Stop: 8108, Start Num: 7

Candidate Starts for Philly_10:

(Start: 7 @6204 has 396 MA's), (9, 6231), (29, 6312), (39, 6375), (52, 6441), (58, 6474), (78, 6582), (97, 6672), (115, 6750), (130, 6807), (133, 6861), (146, 6942), (150, 6963), (154, 6990), (169, 7041), (170, 7050), (175, 7059), (203, 7236), (205, 7248), (213, 7323), (218, 7347), (222, 7368), (236, 7452), (253, 7590), (256, 7608), (262, 7635), (270, 7659), (310, 7824), (313, 7833), (337, 7938), (338, 7947), (344, 7974), (368, 8064), (377, 8088), (383, 8100),

Gene: Phipps_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Phipps_8:

(Start: 7 @4441 has 396 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Phleuron_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Phleuron_8:

(Start: 7 @4438 has 396 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (87, 4861), (115, 4975), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (336, 6181), (353, 6256), (364, 6298), (368, 6310),

Gene: Phlyer_11 Start: 7071, Stop: 8975, Start Num: 7

Candidate Starts for Phlyer_11:

(Start: 7 @7071 has 396 MA's), (9, 7098), (29, 7179), (39, 7242), (52, 7308), (58, 7341), (78, 7449), (97, 7539), (115, 7617), (130, 7674), (133, 7728), (146, 7809), (150, 7830), (154, 7857), (169, 7908), (170, 7917), (175, 7926), (203, 8103), (205, 8115), (213, 8190), (218, 8214), (222, 8235), (236, 8319), (253, 8457), (256, 8475), (262, 8502), (270, 8526), (310, 8691), (313, 8700), (337, 8805), (338, 8814), (344, 8841), (368, 8931), (369, 8934), (377, 8955), (383, 8967),

Gene: PhrankReynolds_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for PhrankReynolds_8:

(Start: 7 @4438 has 396 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (87, 4861), (115, 4975), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (336, 6181), (353, 6256), (364, 6298), (368, 6310),

Gene: PhrodoBaggins_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for PhrodoBaggins_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Phunky_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Phunky_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Piglet_008 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Piglet_008:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Pine5_11 Start: 6413, Stop: 8443, Start Num: 22

Candidate Starts for Pine5_11:

(9, 6338), (15, 6371), (17, 6380), (22, 6413), (74, 6716), (111, 6875), (149, 7112), (203, 7397), (234, 7592), (239, 7667), (245, 7697), (279, 7868), (280, 7871), (281, 7874), (284, 7883), (318, 8096), (322, 8135), (339, 8207), (361, 8303), (364, 8315), (365, 8318), (366, 8321), (378, 8360), (389, 8387), (391, 8390), (392, 8420), (393, 8423), (394, 8432),

Gene: PinheadLarry_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for PinheadLarry_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Pinkman_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Pinkman_8:

(Start: 7 @4438 has 396 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (87, 4861), (115, 4975), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (336, 6181), (353, 6256), (364, 6298), (368, 6310),

Gene: Pipefish_11 Start: 7209, Stop: 9104, Start Num: 7

Candidate Starts for Pipefish_11:

(Start: 7 @7209 has 396 MA's), (9, 7236), (29, 7317), (39, 7380), (52, 7446), (58, 7479), (78, 7587), (97, 7677), (115, 7755), (130, 7812), (133, 7866), (146, 7947), (150, 7968), (154, 7995), (169, 8046), (170, 8055), (175, 8064), (203, 8241), (205, 8253), (213, 8328), (218, 8352), (222, 8373), (236, 8457), (253, 8595), (256, 8613), (262, 8640), (270, 8664), (310, 8820), (313, 8829), (337, 8934), (338, 8943), (344, 8970), (353, 9006), (368, 9060), (369, 9063), (377, 9084), (383, 9096),

Gene: Pipsqueak_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Pipsqueak_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Placalicious_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Placalicious_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317),

(183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Plmatters_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Plmatters_8:

(Start: 7 @4441 has 396 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Podrick_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Podrick_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Pops_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Pops_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Poster_8 Start: 5643, Stop: 7532, Start Num: 7

Candidate Starts for Poster_8:

(Start: 7 @5643 has 396 MA's), (28, 5739), (32, 5754), (39, 5805), (43, 5814), (51, 5865), (53, 5874), (72, 5970), (82, 6030), (109, 6126), (128, 6207), (132, 6261), (146, 6351), (147, 6354), (164, 6432), (167, 6444), (191, 6546), (198, 6606), (203, 6648), (205, 6660), (213, 6735), (218, 6759), (219, 6765), (223, 6792), (225, 6798), (233, 6840), (237, 6870), (301, 7212), (306, 7221), (307, 7224), (319, 7281), (336, 7347), (337, 7350), (338, 7359), (364, 7473), (381, 7518), (385, 7524),

Gene: Potter_8 Start: 4442, Stop: 6361, Start Num: 7

Candidate Starts for Potter_8:

(Start: 7 @4442 has 396 MA's), (Start: 8 @4457 has 5 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: Prickles_8 Start: 4447, Stop: 6366, Start Num: 7

Candidate Starts for Prickles_8:

(Start: 7 @4447 has 396 MA's), (Start: 8 @4462 has 5 MA's), (Start: 30 @4558 has 5 MA's), (34, 4573), (52, 4684), (76, 4816), (81, 4840), (82, 4846), (84, 4858), (87, 4870), (129, 5035), (144, 5161), (145, 5164), (146, 5176), (149, 5185), (150, 5197), (162, 5260), (165, 5269), (175, 5305), (180, 5323), (183, 5332), (191, 5380), (202, 5476), (203, 5482), (209, 5518), (213, 5566), (218, 5590), (246, 5785), (262, 5878), (321, 6130), (353, 6265), (364, 6307), (368, 6319),

Gene: Prince_9 Start: 6908, Stop: 8797, Start Num: 7

Candidate Starts for Prince_9:

(Start: 7 @6908 has 396 MA's), (Start: 8 @6923 has 5 MA's), (28, 7004), (32, 7019), (39, 7070), (43, 7079), (51, 7130), (72, 7235), (82, 7295), (109, 7391), (127, 7469), (128, 7472), (130, 7481), (132, 7526), (146, 7616), (147, 7619), (164, 7697), (167, 7709), (191, 7811), (198, 7871), (203, 7913), (205, 7925), (218, 8024), (219, 8030), (223, 8057), (225, 8063), (228, 8072), (233, 8105), (245, 8213), (301, 8477), (306, 8486), (307, 8489), (321, 8552), (336, 8612), (337, 8615), (338, 8624), (364, 8738), (381, 8783), (385, 8789),

Gene: ProfessorX_8 Start: 4439, Stop: 6358, Start Num: 7

Candidate Starts for ProfessorX_8:

(Start: 7 @4439 has 396 MA's), (Start: 8 @4454 has 5 MA's), (Start: 30 @4550 has 5 MA's), (34, 4565), (52, 4676), (76, 4808), (81, 4832), (82, 4838), (84, 4850), (87, 4862), (129, 5027), (144, 5153), (145, 5156), (146, 5168), (149, 5177), (150, 5189), (162, 5252), (165, 5261), (175, 5297), (180, 5315), (183, 5324), (191, 5372), (202, 5468), (203, 5474), (209, 5510), (213, 5558), (218, 5582), (246, 5777), (262, 5870), (321, 6122), (353, 6257), (364, 6299), (368, 6311),

Gene: Puhltonio_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Puhltonio_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: QueenBeane_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for QueenBeane_8:

(Start: 7 @4438 has 396 MA's), (Start: 8 @4453 has 5 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: QueenPie_9 Start: 6601, Stop: 8490, Start Num: 7

Candidate Starts for QueenPie_9:

(Start: 7 @6601 has 396 MA's), (28, 6697), (32, 6712), (39, 6763), (43, 6772), (51, 6823), (53, 6832), (72, 6928), (82, 6988), (109, 7084), (128, 7165), (132, 7219), (146, 7309), (147, 7312), (164, 7390), (167, 7402), (191, 7504), (198, 7564), (203, 7606), (205, 7618), (213, 7693), (218, 7717), (219, 7723), (223, 7750), (225, 7756), (233, 7798), (301, 8170), (306, 8179), (307, 8182), (321, 8245), (336, 8305), (337, 8308), (338, 8317), (364, 8431), (381, 8476), (385, 8482),

Gene: Quesadilla_11 Start: 7419, Stop: 9299, Start Num: 7

Candidate Starts for Quesadilla_11:

(Start: 7 @7419 has 396 MA's), (Start: 33 @7533 has 2 MA's), (38, 7578), (68, 7725), (70, 7737), (76, 7776), (90, 7836), (109, 7881), (116, 7917), (118, 7932), (132, 8016), (139, 8049), (145, 8094), (146, 8106), (150, 8127), (164, 8196), (167, 8208), (197, 8361), (203, 8412), (223, 8556), (224, 8559), (227, 8568), (237, 8634), (256, 8784), (261, 8808), (300, 8991), (306, 9003), (312, 9021), (336, 9123), (338, 9135), (354, 9204), (377, 9276),

Gene: Quisquilliae_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Quisquilliae_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779),

(262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Qyrzula_12 Start: 7818, Stop: 9707, Start Num: 7

Candidate Starts for Qyrzula_12:

(Start: 7 @7818 has 396 MA's), (13, 7866), (Start: 19 @7890 has 2 MA's), (Start: 26 @7908 has 10 MA's), (Start: 33 @7941 has 2 MA's), (51, 8049), (66, 8133), (78, 8196), (85, 8232), (100, 8283), (104, 8295), (109, 8316), (128, 8394), (130, 8403), (132, 8448), (146, 8538), (147, 8541), (149, 8547), (150, 8559), (153, 8574), (154, 8586), (179, 8670), (184, 8703), (188, 8721), (196, 8766), (203, 8835), (205, 8847), (213, 8922), (218, 8946), (219, 8952), (223, 8979), (227, 8991), (229, 8997), (233, 9027), (234, 9030), (237, 9057), (242, 9123), (244, 9132), (256, 9207), (265, 9243), (282, 9288), (309, 9426), (310, 9429), (314, 9441), (335, 9528), (337, 9537), (338, 9546), (340, 9561), (348, 9591), (353, 9609), (356, 9624), (364, 9651), (368, 9663), (385, 9699),

Gene: RagingRooster_11 Start: 6315, Stop: 8219, Start Num: 7

Candidate Starts for RagingRooster_11:

(Start: 7 @6315 has 396 MA's), (9, 6342), (29, 6423), (39, 6486), (52, 6552), (58, 6585), (78, 6693), (97, 6783), (115, 6861), (130, 6918), (133, 6972), (146, 7053), (150, 7074), (154, 7101), (169, 7152), (170, 7161), (175, 7170), (203, 7347), (205, 7359), (213, 7434), (218, 7458), (222, 7479), (236, 7563), (253, 7701), (256, 7719), (262, 7746), (270, 7770), (313, 7944), (337, 8049), (338, 8058), (344, 8085), (368, 8175), (377, 8199), (383, 8211),

Gene: RainyPolka_10 Start: 8039, Stop: 9838, Start Num: 26

Candidate Starts for RainyPolka_10:

(Start: 26 @8039 has 10 MA's), (48, 8156), (49, 8165), (55, 8198), (62, 8246), (70, 8285), (82, 8354), (96, 8423), (98, 8426), (103, 8444), (109, 8465), (114, 8492), (127, 8546), (129, 8552), (130, 8558), (132, 8603), (142, 8654), (149, 8702), (178, 8780), (180, 8789), (189, 8834), (194, 8867), (196, 8876), (198, 8903), (214, 9035), (270, 9326), (283, 9362), (289, 9389), (295, 9437), (301, 9485), (303, 9497), (312, 9530), (317, 9548), (330, 9617), (377, 9809), (388, 9827),

Gene: RawrgerThat_9 Start: 6757, Stop: 8628, Start Num: 8

Candidate Starts for RawrgerThat_9:

(Start: 7 @6742 has 396 MA's), (Start: 8 @6757 has 5 MA's), (28, 6838), (32, 6853), (39, 6904), (43, 6913), (51, 6964), (72, 7069), (82, 7129), (109, 7225), (127, 7303), (128, 7306), (132, 7360), (146, 7450), (147, 7453), (164, 7531), (167, 7543), (191, 7645), (198, 7705), (203, 7747), (205, 7759), (218, 7858), (219, 7864), (223, 7891), (225, 7897), (233, 7939), (237, 7969), (301, 8308), (306, 8317), (307, 8320), (318, 8359), (321, 8383), (336, 8443), (337, 8446), (338, 8455), (364, 8569), (381, 8614), (385, 8620),

Gene: RedMaple_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for RedMaple_8:

(Start: 7 @4438 has 396 MA's), (Start: 8 @4453 has 5 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: Reprobate_10 Start: 6968, Stop: 8833, Start Num: 7

Candidate Starts for Reprobate_10:

(Start: 7 @6968 has 396 MA's), (Start: 8 @6983 has 5 MA's), (36, 7088), (38, 7124), (43, 7136), (44, 7145), (58, 7223), (66, 7268), (81, 7343), (82, 7349), (112, 7448), (116, 7460), (118, 7475), (130, 7514), (132, 7559), (139, 7592), (147, 7652), (150, 7670), (183, 7796), (191, 7844), (194, 7868), (198, 7904), (203, 7946), (213, 8033), (218, 8057), (223, 8090), (227, 8102), (230, 8114), (233, 8138), (256, 8318), (271, 8369), (308, 8537), (314, 8555), (317, 8567), (319, 8591), (336, 8657), (359, 8762), (385,

8825), (387, 8828),

Gene: Rhinoforte_12 Start: 7845, Stop: 9734, Start Num: 7

Candidate Starts for Rhinoforte_12:

(Start: 7 @7845 has 396 MA's), (13, 7893), (Start: 19 @7917 has 2 MA's), (Start: 26 @7935 has 10 MA's), (Start: 33 @7968 has 2 MA's), (51, 8076), (66, 8160), (78, 8223), (85, 8259), (100, 8310), (104, 8322), (109, 8343), (128, 8421), (130, 8430), (132, 8475), (146, 8565), (147, 8568), (149, 8574), (150, 8586), (153, 8601), (154, 8613), (179, 8697), (184, 8730), (188, 8748), (196, 8793), (203, 8862), (205, 8874), (213, 8949), (218, 8973), (219, 8979), (223, 9006), (227, 9018), (229, 9024), (233, 9054), (234, 9057), (237, 9084), (242, 9150), (244, 9159), (256, 9234), (265, 9270), (282, 9315), (309, 9453), (310, 9456), (314, 9468), (335, 9555), (337, 9564), (338, 9573), (340, 9588), (348, 9618), (353, 9636), (356, 9651), (364, 9678), (368, 9690), (385, 9726),

Gene: Rich_10 Start: 6696, Stop: 8564, Start Num: 7

Candidate Starts for Rich_10:

(Start: 7 @6696 has 396 MA's), (9, 6720), (36, 6816), (38, 6852), (43, 6864), (77, 7050), (81, 7071), (82, 7077), (116, 7188), (118, 7203), (130, 7242), (147, 7380), (150, 7398), (164, 7458), (194, 7596), (203, 7674), (205, 7686), (208, 7704), (218, 7785), (223, 7818), (227, 7830), (230, 7842), (233, 7866), (259, 8064), (267, 8085), (298, 8244), (307, 8265), (308, 8268), (314, 8286), (336, 8388), (349, 8448), (385, 8556), (387, 8559),

Gene: Ricotta_8 Start: 4440, Stop: 6359, Start Num: 7

Candidate Starts for Ricotta_8:

(Start: 7 @4440 has 396 MA's), (Start: 8 @4455 has 5 MA's), (Start: 30 @4551 has 5 MA's), (34, 4566), (52, 4677), (76, 4809), (81, 4833), (82, 4839), (84, 4851), (87, 4863), (129, 5028), (144, 5154), (145, 5157), (146, 5169), (149, 5178), (150, 5190), (162, 5253), (165, 5262), (175, 5298), (180, 5316), (183, 5325), (191, 5373), (202, 5469), (203, 5475), (209, 5511), (213, 5559), (218, 5583), (246, 5778), (262, 5871), (321, 6123), (353, 6258), (364, 6300), (368, 6312),

Gene: Riggan_8 Start: 4445, Stop: 6364, Start Num: 7

Candidate Starts for Riggan_8:

(Start: 7 @4445 has 396 MA's), (Start: 8 @4460 has 5 MA's), (Start: 30 @4556 has 5 MA's), (34, 4571), (52, 4682), (76, 4814), (81, 4838), (82, 4844), (84, 4856), (87, 4868), (129, 5033), (144, 5159), (145, 5162), (146, 5174), (149, 5183), (150, 5195), (162, 5258), (165, 5267), (175, 5303), (180, 5321), (183, 5330), (191, 5378), (202, 5474), (203, 5480), (209, 5516), (213, 5564), (218, 5588), (246, 5783), (262, 5876), (321, 6128), (353, 6263), (364, 6305), (368, 6317),

Gene: Rimu_8 Start: 4563, Stop: 6356, Start Num: 34

Candidate Starts for Rimu_8:

(Start: 7 @4437 has 396 MA's), (Start: 30 @4548 has 5 MA's), (34, 4563), (52, 4674), (76, 4806), (81, 4830), (82, 4836), (84, 4848), (87, 4860), (129, 5025), (144, 5151), (145, 5154), (146, 5166), (149, 5175), (150, 5187), (162, 5250), (165, 5259), (175, 5295), (180, 5313), (183, 5322), (191, 5370), (202, 5466), (203, 5472), (209, 5508), (213, 5556), (218, 5580), (246, 5775), (262, 5868), (321, 6120), (353, 6255), (364, 6297), (368, 6309),

Gene: Rinkes_13 Start: 8554, Stop: 10458, Start Num: 7

Candidate Starts for Rinkes_13:

(Start: 7 @8554 has 396 MA's), (47, 8749), (51, 8779), (68, 8878), (76, 8929), (97, 9022), (137, 9211), (143, 9247), (146, 9280), (147, 9283), (150, 9301), (152, 9307), (162, 9355), (165, 9364), (170, 9391), (186, 9454), (187, 9457), (188, 9463), (191, 9475), (198, 9535), (203, 9577), (204, 9583), (217, 9682), (220, 9694), (223, 9718), (224, 9721), (227, 9730), (236, 9790), (240, 9847), (241, 9859), (244, 9871), (285, 10036), (299, 10141), (306, 10156), (314, 10180), (323, 10234), (336, 10282), (337, 10285), (338, 10294), (354, 10363), (356, 10372), (368, 10411), (372, 10423), (387, 10453),

Gene: Rita1961_11 Start: 6315, Stop: 8219, Start Num: 7

Candidate Starts for Rita1961_11:

(Start: 7 @6315 has 396 MA's), (9, 6342), (29, 6423), (39, 6486), (52, 6552), (58, 6585), (78, 6693), (97, 6783), (115, 6861), (130, 6918), (133, 6972), (146, 7053), (150, 7074), (154, 7101), (169, 7152), (170, 7161), (175, 7170), (203, 7347), (205, 7359), (213, 7434), (218, 7458), (222, 7479), (236, 7563), (253, 7701), (256, 7719), (262, 7746), (270, 7770), (310, 7935), (313, 7944), (337, 8049), (338, 8058), (344, 8085), (368, 8175), (369, 8178), (377, 8199), (383, 8211),

Gene: Robyn_8 Start: 4443, Stop: 6362, Start Num: 7

Candidate Starts for Robyn_8:

(Start: 7 @4443 has 396 MA's), (Start: 8 @4458 has 5 MA's), (Start: 30 @4554 has 5 MA's), (34, 4569), (52, 4680), (76, 4812), (81, 4836), (82, 4842), (84, 4854), (87, 4866), (129, 5031), (144, 5157), (145, 5160), (146, 5172), (149, 5181), (150, 5193), (162, 5256), (165, 5265), (175, 5301), (180, 5319), (183, 5328), (191, 5376), (202, 5472), (203, 5478), (209, 5514), (213, 5562), (218, 5586), (246, 5781), (262, 5874), (321, 6126), (353, 6261), (364, 6303), (368, 6315),

Gene: Roliet_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Roliet_8:

(Start: 7 @4441 has 396 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: RomaT_11 Start: 7077, Stop: 8981, Start Num: 7

Candidate Starts for RomaT_11:

(Start: 7 @7077 has 396 MA's), (9, 7104), (29, 7185), (39, 7248), (52, 7314), (58, 7347), (78, 7455), (97, 7545), (115, 7623), (130, 7680), (133, 7734), (146, 7815), (150, 7836), (154, 7863), (169, 7914), (170, 7923), (175, 7932), (203, 8109), (205, 8121), (213, 8196), (218, 8220), (222, 8241), (236, 8325), (253, 8463), (256, 8481), (262, 8508), (270, 8532), (310, 8697), (313, 8706), (337, 8811), (338, 8820), (344, 8847), (368, 8937), (377, 8961), (383, 8973),

Gene: Roscoe_9 Start: 4676, Stop: 6595, Start Num: 7

Candidate Starts for Roscoe_9:

(Start: 7 @4676 has 396 MA's), (Start: 30 @4787 has 5 MA's), (34, 4802), (52, 4913), (76, 5045), (81, 5069), (82, 5075), (84, 5087), (87, 5099), (129, 5264), (144, 5390), (145, 5393), (146, 5405), (149, 5414), (150, 5426), (162, 5489), (165, 5498), (175, 5534), (180, 5552), (183, 5561), (191, 5609), (202, 5705), (203, 5711), (209, 5747), (213, 5795), (218, 5819), (246, 6014), (262, 6107), (321, 6359), (353, 6494), (364, 6536), (368, 6548),

Gene: Rosebush_12 Start: 7845, Stop: 9734, Start Num: 7

Candidate Starts for Rosebush_12:

(Start: 7 @7845 has 396 MA's), (13, 7893), (Start: 19 @7917 has 2 MA's), (Start: 26 @7935 has 10 MA's), (Start: 33 @7968 has 2 MA's), (51, 8076), (66, 8160), (78, 8223), (85, 8259), (100, 8310), (104, 8322), (109, 8343), (128, 8421), (130, 8430), (132, 8475), (146, 8565), (147, 8568), (149, 8574), (150, 8586), (153, 8601), (154, 8613), (179, 8697), (184, 8730), (188, 8748), (196, 8793), (203, 8862), (205, 8874), (213, 8949), (218, 8973), (219, 8979), (223, 9006), (227, 9018), (229, 9024), (233, 9054), (234, 9057), (237, 9084), (242, 9150), (244, 9159), (256, 9234), (265, 9270), (282, 9315), (309, 9453), (310, 9456), (314, 9468), (335, 9555), (337, 9564), (338, 9573), (340, 9588), (348, 9618), (353, 9636), (356, 9651), (364, 9678), (368, 9690), (385, 9726),

Gene: Roy17_8 Start: 4442, Stop: 6361, Start Num: 7

Candidate Starts for Roy17_8:

(Start: 7 @4442 has 396 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: SDcharge11_8 Start: 4440, Stop: 6353, Start Num: 7

Candidate Starts for SDcharge11_8:

(Start: 7 @4440 has 396 MA's), (Start: 30 @4551 has 5 MA's), (34, 4566), (52, 4677), (76, 4809), (81, 4833), (82, 4839), (84, 4851), (87, 4863), (129, 5028), (144, 5154), (145, 5157), (146, 5169), (149, 5178), (150, 5190), (162, 5253), (165, 5262), (175, 5298), (180, 5316), (183, 5325), (191, 5373), (202, 5469), (203, 5475), (209, 5511), (213, 5559), (218, 5583), (246, 5778), (262, 5871), (321, 6117), (353, 6252), (364, 6294), (368, 6306),

Gene: Sabella_12 Start: 7728, Stop: 9617, Start Num: 7

Candidate Starts for Sabella_12:

(Start: 7 @7728 has 396 MA's), (13, 7776), (Start: 19 @7800 has 2 MA's), (Start: 26 @7818 has 10 MA's), (Start: 33 @7851 has 2 MA's), (51, 7959), (66, 8043), (78, 8106), (85, 8142), (100, 8193), (104, 8205), (109, 8226), (128, 8304), (130, 8313), (132, 8358), (146, 8448), (147, 8451), (149, 8457), (150, 8469), (153, 8484), (154, 8496), (179, 8580), (184, 8613), (188, 8631), (196, 8676), (203, 8745), (205, 8757), (213, 8832), (218, 8856), (219, 8862), (223, 8889), (227, 8901), (229, 8907), (233, 8937), (234, 8940), (237, 8967), (242, 9033), (244, 9042), (256, 9117), (265, 9153), (282, 9198), (309, 9336), (310, 9339), (314, 9351), (335, 9438), (337, 9447), (338, 9456), (340, 9471), (348, 9501), (353, 9519), (356, 9534), (364, 9561), (368, 9573), (385, 9609),

Gene: Saguaro_11 Start: 7627, Stop: 9525, Start Num: 7

Candidate Starts for Saguaro_11:

(Start: 7 @7627 has 396 MA's), (Start: 33 @7741 has 2 MA's), (43, 7798), (51, 7849), (58, 7888), (68, 7948), (70, 7960), (73, 7984), (84, 8041), (109, 8104), (116, 8140), (130, 8194), (132, 8239), (137, 8260), (139, 8272), (146, 8329), (150, 8350), (154, 8377), (159, 8398), (164, 8419), (167, 8431), (179, 8470), (181, 8479), (189, 8524), (191, 8533), (194, 8557), (203, 8635), (205, 8647), (213, 8722), (218, 8746), (227, 8791), (233, 8827), (236, 8851), (251, 8974), (256, 9007), (260, 9028), (356, 9439), (363, 9463), (364, 9466), (381, 9511),

Gene: Salete_10 Start: 8087, Stop: 9889, Start Num: 26

Candidate Starts for Salete_10:

(Start: 26 @8087 has 10 MA's), (49, 8213), (53, 8234), (55, 8246), (62, 8294), (70, 8333), (77, 8375), (82, 8402), (96, 8471), (103, 8492), (109, 8513), (127, 8591), (129, 8597), (130, 8603), (142, 8699), (149, 8747), (178, 8825), (187, 8870), (189, 8879), (194, 8912), (198, 8948), (214, 9080), (270, 9377), (283, 9413), (296, 9503), (301, 9536), (303, 9548), (317, 9599), (326, 9650), (330, 9668), (340, 9716), (342, 9722), (360, 9803), (371, 9833), (377, 9860), (388, 9878),

Gene: Samaymay_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Samaymay_8:

(Start: 7 @4438 has 396 MA's), (Start: 8 @4453 has 5 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: SassyCat97_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for SassyCat97_8:

(Start: 7 @4438 has 396 MA's), (Start: 8 @4453 has 5 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: Schadenfreude_8 Start: 4439, Stop: 6358, Start Num: 7

Candidate Starts for Schadenfreude_8:

(Start: 7 @4439 has 396 MA's), (Start: 8 @4454 has 5 MA's), (Start: 30 @4550 has 5 MA's), (34, 4565), (52, 4676), (76, 4808), (81, 4832), (82, 4838), (84, 4850), (87, 4862), (129, 5027), (144, 5153), (145, 5156), (146, 5168), (149, 5177), (150, 5189), (162, 5252), (165, 5261), (175, 5297), (180, 5315), (183, 5324), (191, 5372), (202, 5468), (203, 5474), (209, 5510), (213, 5558), (218, 5582), (262, 5870), (321, 6122), (353, 6257), (364, 6299), (368, 6311),

Gene: Schueller_8 Start: 4552, Stop: 6360, Start Num: 30

Candidate Starts for Schueller_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Scoot17C_8 Start: 4442, Stop: 6361, Start Num: 7

Candidate Starts for Scoot17C_8:

(Start: 7 @4442 has 396 MA's), (Start: 8 @4457 has 5 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: Scrick_8 Start: 4442, Stop: 6361, Start Num: 7

Candidate Starts for Scrick_8:

(Start: 7 @4442 has 396 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: Sejanus_7 Start: 4088, Stop: 6055, Start Num: 5

Candidate Starts for Sejanus_7:

(Start: 5 @4088 has 7 MA's), (Start: 7 @4106 has 396 MA's), (20, 4184), (Start: 26 @4214 has 10 MA's), (29, 4232), (51, 4355), (70, 4451), (72, 4460), (80, 4511), (105, 4610), (112, 4655), (128, 4715), (130, 4724), (132, 4769), (137, 4790), (145, 4847), (148, 4865), (163, 4946), (168, 4967), (171, 4979), (175, 4988), (179, 5000), (188, 5051), (189, 5054), (194, 5087), (203, 5165), (205, 5177), (209, 5201), (217, 5273), (218, 5276), (233, 5357), (243, 5456), (248, 5486), (256, 5537), (309, 5771), (325, 5837), (327, 5846), (337, 5882), (340, 5906), (359, 5984), (364, 5996), (385, 6047), (387, 6050),

Gene: Selr12_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Selr12_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779),

(262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Serendipitous_10 Start: 6747, Stop: 8612, Start Num: 7

Candidate Starts for Serendipitous_10:

(Start: 7 @6747 has 396 MA's), (Start: 8 @6762 has 5 MA's), (38, 6900), (43, 6912), (53, 6972), (66, 7044), (81, 7119), (82, 7125), (116, 7236), (118, 7251), (123, 7263), (130, 7290), (147, 7428), (150, 7446), (164, 7506), (194, 7644), (198, 7680), (203, 7722), (205, 7734), (213, 7809), (218, 7833), (223, 7866), (227, 7878), (230, 7890), (233, 7914), (256, 8094), (259, 8112), (314, 8334), (336, 8436), (364, 8553),

Gene: Serendipity_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Serendipity_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Serpentine_008 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Serpentine_008:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Shatter_8 Start: 5303, Stop: 7141, Start Num: 7

Candidate Starts for Shatter_8:

(Start: 7 @5303 has 396 MA's), (Start: 14 @5351 has 2 MA's), (Start: 33 @5417 has 2 MA's), (38, 5459), (62, 5591), (78, 5654), (82, 5672), (128, 5825), (130, 5834), (132, 5879), (139, 5912), (146, 5969), (147, 5972), (150, 5990), (155, 6023), (161, 6050), (188, 6161), (191, 6173), (193, 6188), (203, 6275), (205, 6287), (213, 6362), (218, 6386), (224, 6422), (226, 6428), (227, 6431), (228, 6434), (233, 6467), (312, 6866), (313, 6869), (314, 6872), (329, 6941), (331, 6947), (337, 6968), (344, 7004), (355, 7049), (359, 7070), (368, 7094), (372, 7106), (377, 7118), (379, 7121),

Gene: Sheila_8 Start: 4439, Stop: 6358, Start Num: 7

Candidate Starts for Sheila_8:

(Start: 7 @4439 has 396 MA's), (Start: 30 @4550 has 5 MA's), (34, 4565), (52, 4676), (76, 4808), (81, 4832), (82, 4838), (84, 4850), (87, 4862), (129, 5027), (144, 5153), (145, 5156), (146, 5168), (149, 5177), (150, 5189), (162, 5252), (165, 5261), (175, 5297), (180, 5315), (183, 5324), (191, 5372), (202, 5468), (203, 5474), (209, 5510), (213, 5558), (218, 5582), (246, 5777), (262, 5870), (321, 6122), (353, 6257), (364, 6299), (368, 6311),

Gene: Shenyu_10 Start: 6702, Stop: 8567, Start Num: 7

Candidate Starts for Shenyu_10:

(Start: 7 @6702 has 396 MA's), (Start: 8 @6717 has 5 MA's), (38, 6855), (43, 6867), (53, 6927), (59, 6969), (77, 7053), (79, 7065), (81, 7074), (116, 7191), (118, 7206), (130, 7245), (147, 7383), (150, 7401), (162, 7455), (194, 7599), (198, 7635), (203, 7677), (213, 7764), (218, 7788), (223, 7821), (227, 7833), (230, 7845), (233, 7869), (256, 8049), (259, 8067), (298, 8247), (307, 8268), (314, 8289), (336, 8391), (349, 8451), (385, 8559), (387, 8562),

Gene: ShiVal_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for ShiVal_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Sigman_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Sigman_8:

(Start: 7 @4438 has 396 MA's), (Start: 8 @4453 has 5 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: SilverBell_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for SilverBell_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Simielle_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Simielle_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: SirJeffery_10 Start: 6695, Stop: 8560, Start Num: 7

Candidate Starts for SirJeffery_10:

(Start: 7 @6695 has 396 MA's), (Start: 8 @6710 has 5 MA's), (18, 6752), (38, 6848), (43, 6860), (77, 7046), (79, 7058), (81, 7067), (116, 7184), (118, 7199), (130, 7238), (147, 7376), (150, 7394), (164, 7454), (194, 7592), (198, 7628), (203, 7670), (205, 7682), (213, 7757), (218, 7781), (223, 7814), (227, 7826), (230, 7838), (233, 7862), (256, 8042), (259, 8060), (298, 8240), (307, 8261), (314, 8282), (336, 8384), (349, 8444), (385, 8552), (387, 8555),

Gene: Sisko_7 Start: 5107, Stop: 6948, Start Num: 7

Candidate Starts for Sisko_7:

(Start: 7 @5107 has 396 MA's), (Start: 33 @5221 has 2 MA's), (38, 5263), (51, 5326), (78, 5458), (82, 5476), (104, 5530), (109, 5551), (132, 5683), (139, 5716), (146, 5773), (147, 5776), (150, 5794), (157, 5845), (162, 5866), (188, 5974), (191, 5986), (203, 6088), (224, 6235), (227, 6244), (235, 6301), (292, 6580), (310, 6667), (312, 6673), (329, 6748), (331, 6754), (337, 6775), (355, 6856), (364, 6889), (368, 6901), (377, 6925), (379, 6928),

Gene: Skippy_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Skippy_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Slatt_8 Start: 4443, Stop: 6362, Start Num: 7

Candidate Starts for Slatt_8:

(Start: 7 @4443 has 396 MA's), (Start: 8 @4458 has 5 MA's), (Start: 30 @4554 has 5 MA's), (34, 4569), (52, 4680), (76, 4812), (81, 4836), (82, 4842), (84, 4854), (87, 4866), (129, 5031), (144, 5157), (145, 5160), (146, 5172), (149, 5181), (150, 5193), (162, 5256), (165, 5265), (175, 5301), (180, 5319), (183, 5328), (191, 5376), (202, 5472), (203, 5478), (209, 5514), (213, 5562), (218, 5586), (246, 5781), (262, 5874), (321, 6126), (353, 6261), (364, 6303), (368, 6315),

Gene: SlippinJimmy_11 Start: 7076, Stop: 8980, Start Num: 7

Candidate Starts for SlippinJimmy_11:

(Start: 7 @7076 has 396 MA's), (9, 7103), (29, 7184), (39, 7247), (52, 7313), (58, 7346), (78, 7454), (97, 7544), (115, 7622), (130, 7679), (133, 7733), (146, 7814), (150, 7835), (154, 7862), (169, 7913), (170, 7922), (175, 7931), (203, 8108), (205, 8120), (213, 8195), (218, 8219), (222, 8240), (236, 8324), (253, 8462), (256, 8480), (262, 8507), (270, 8531), (310, 8696), (313, 8705), (337, 8810), (338, 8819), (344, 8846), (368, 8936), (369, 8939), (377, 8960), (383, 8972),

Gene: Soile_8 Start: 4440, Stop: 6359, Start Num: 7

Candidate Starts for Soile_8:

(Start: 7 @4440 has 396 MA's), (Start: 30 @4551 has 5 MA's), (34, 4566), (52, 4677), (76, 4809), (81, 4833), (82, 4839), (84, 4851), (87, 4863), (129, 5028), (144, 5154), (145, 5157), (146, 5169), (149, 5178), (150, 5190), (162, 5253), (165, 5262), (175, 5298), (180, 5316), (183, 5325), (191, 5373), (202, 5469), (203, 5475), (209, 5511), (213, 5559), (218, 5583), (246, 5778), (262, 5871), (321, 6123), (353, 6258), (364, 6300), (368, 6312),

Gene: Solosis_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Solosis_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Soos_37 Start: 17429, Stop: 19387, Start Num: 6

Candidate Starts for Soos_37:

(Start: 6 @17429 has 4 MA's), (10, 17474), (21, 17525), (27, 17552), (63, 17741), (109, 17900), (130, 17993), (138, 18068), (149, 18137), (150, 18149), (151, 18155), (165, 18257), (173, 18290), (189, 18362), (190, 18365), (194, 18395), (199, 18434), (210, 18518), (232, 18662), (233, 18665), (237, 18695), (250, 18803), (255, 18839), (257, 18848), (293, 18983), (309, 19064), (316, 19097), (337, 19187), (374, 19340), (390, 19379),

Gene: Sophia_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Sophia_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Soto_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Soto_8:

(Start: 7 @4438 has 396 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149,

5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: Sour_11 Start: 6964, Stop: 8784, Start Num: 7

Candidate Starts for Sour_11:

(Start: 7 @6964 has 396 MA's), (Start: 33 @7078 has 2 MA's), (38, 7120), (47, 7153), (51, 7183), (62, 7252), (78, 7315), (82, 7333), (85, 7351), (128, 7486), (132, 7540), (134, 7552), (139, 7573), (146, 7630), (147, 7633), (149, 7639), (150, 7651), (188, 7828), (191, 7840), (193, 7855), (203, 7942), (205, 7954), (213, 8029), (224, 8089), (235, 8155), (238, 8176), (273, 8365), (309, 8509), (313, 8521), (329, 8593), (331, 8599), (337, 8620), (338, 8629), (340, 8644), (359, 8722), (364, 8734), (377, 8770), (379, 8773),

Gene: Spartan300_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Spartan300_8:

(Start: 7 @4438 has 396 MA's), (Start: 8 @4453 has 5 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: Squid_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Squid_8:

(Start: 7 @4438 has 396 MA's), (Start: 8 @4453 has 5 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: Squiggle_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Squiggle_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: StAugustine_15 Start: 9397, Stop: 11364, Start Num: 7

Candidate Starts for StAugustine_15:

(Start: 7 @9397 has 396 MA's), (Start: 26 @9490 has 10 MA's), (Start: 33 @9523 has 2 MA's), (38, 9565), (52, 9634), (79, 9784), (101, 9865), (105, 9877), (132, 10030), (149, 10129), (150, 10141), (169, 10234), (184, 10297), (188, 10315), (189, 10318), (203, 10429), (207, 10456), (217, 10537), (218, 10540), (233, 10621), (266, 10840), (304, 11059), (308, 11071), (312, 11083), (321, 11122), (329, 11158), (332, 11170), (337, 11185), (348, 11239), (355, 11266), (375, 11335), (379, 11344),

Gene: Sting_40 Start: 17868, Stop: 19826, Start Num: 6

Candidate Starts for Sting_40:

(Start: 6 @17868 has 4 MA's), (10, 17913), (21, 17964), (27, 17991), (63, 18180), (109, 18339), (130, 18432), (138, 18507), (149, 18576), (150, 18588), (151, 18594), (165, 18696), (173, 18729), (189, 18801), (190, 18804), (194, 18834), (199, 18873), (210, 18957), (232, 19101), (233, 19104), (237, 19134), (250, 19242), (255, 19278), (257, 19287), (293, 19422), (316, 19536), (331, 19605), (337, 19626), (374, 19779), (390, 19818),

Gene: Stinger_7 Start: 5191, Stop: 7080, Start Num: 7

Candidate Starts for Stinger_7:

(Start: 7 @5191 has 396 MA's), (Start: 26 @5272 has 10 MA's), (32, 5302), (35, 5311), (39, 5353), (43, 5362), (53, 5422), (70, 5509), (72, 5518), (82, 5578), (99, 5638), (109, 5674), (127, 5752), (128, 5755), (132, 5809), (134, 5821), (146, 5899), (147, 5902), (162, 5974), (165, 5983), (191, 6094), (193, 6109), (198, 6154), (203, 6196), (205, 6208), (217, 6304), (218, 6307), (219, 6313), (223, 6340), (225, 6346), (233, 6388), (257, 6571), (263, 6598), (287, 6661), (306, 6769), (307, 6772), (308, 6775), (312, 6787), (319, 6829), (321, 6835), (336, 6895), (337, 6898), (338, 6907), (364, 7021), (374, 7051), (385, 7072),

Gene: StinkyVeggy_11 Start: 6863, Stop: 8728, Start Num: 7

Candidate Starts for StinkyVeggy_11:

(Start: 7 @6863 has 396 MA's), (Start: 8 @6878 has 5 MA's), (38, 7016), (77, 7214), (79, 7226), (81, 7235), (116, 7352), (118, 7367), (130, 7406), (147, 7544), (150, 7562), (194, 7760), (198, 7796), (203, 7838), (213, 7925), (218, 7949), (223, 7982), (227, 7994), (230, 8006), (233, 8030), (256, 8210), (259, 8228), (298, 8408), (307, 8429), (314, 8450), (336, 8552), (349, 8612), (385, 8720), (387, 8723),

Gene: Struggle_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Struggle_8:

(Start: 7 @4438 has 396 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (87, 4861), (115, 4975), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (336, 6181), (353, 6256), (364, 6298), (368, 6310),

Gene: Suffolk_8 Start: 4440, Stop: 6359, Start Num: 7

Candidate Starts for Suffolk_8:

(Start: 7 @4440 has 396 MA's), (Start: 8 @4455 has 5 MA's), (Start: 30 @4551 has 5 MA's), (34, 4566), (52, 4677), (76, 4809), (81, 4833), (82, 4839), (84, 4851), (87, 4863), (129, 5028), (144, 5154), (145, 5157), (146, 5169), (149, 5178), (150, 5190), (162, 5253), (165, 5262), (175, 5298), (180, 5316), (183, 5325), (191, 5373), (202, 5469), (203, 5475), (209, 5511), (213, 5559), (218, 5583), (246, 5778), (262, 5871), (321, 6123), (353, 6258), (364, 6300), (368, 6312),

Gene: Suigeneris_10 Start: 6695, Stop: 8560, Start Num: 7

Candidate Starts for Suigeneris_10:

(Start: 7 @6695 has 396 MA's), (Start: 8 @6710 has 5 MA's), (18, 6752), (38, 6848), (43, 6860), (77, 7046), (79, 7058), (81, 7067), (116, 7184), (118, 7199), (130, 7238), (147, 7376), (150, 7394), (164, 7454), (194, 7592), (198, 7628), (203, 7670), (205, 7682), (213, 7757), (218, 7781), (223, 7814), (227, 7826), (230, 7838), (233, 7862), (256, 8042), (259, 8060), (298, 8240), (307, 8261), (314, 8282), (336, 8384), (349, 8444), (385, 8552), (387, 8555),

Gene: Surely_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Surely_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Swiphy_8 Start: 4552, Stop: 6360, Start Num: 30

Candidate Starts for Swiphy_8:

(Start: 7 @4441 has 396 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149,

5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Swish_8 Start: 4442, Stop: 6361, Start Num: 7

Candidate Starts for Swish_8:

(Start: 7 @4442 has 396 MA's), (Start: 8 @4457 has 5 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: SynergyX_11 Start: 6315, Stop: 8219, Start Num: 7

Candidate Starts for SynergyX_11:

(Start: 7 @6315 has 396 MA's), (9, 6342), (29, 6423), (39, 6486), (52, 6552), (58, 6585), (78, 6693), (97, 6783), (115, 6861), (130, 6918), (133, 6972), (146, 7053), (150, 7074), (154, 7101), (169, 7152), (170, 7161), (175, 7170), (203, 7347), (205, 7359), (213, 7434), (218, 7458), (222, 7479), (236, 7563), (253, 7701), (256, 7719), (262, 7746), (270, 7770), (313, 7944), (337, 8049), (338, 8058), (344, 8085), (368, 8175), (377, 8199), (383, 8211),

Gene: TA17A_12 Start: 7728, Stop: 9617, Start Num: 7

Candidate Starts for TA17A_12:

(Start: 7 @7728 has 396 MA's), (13, 7776), (Start: 19 @7800 has 2 MA's), (Start: 26 @7818 has 10 MA's), (Start: 33 @7851 has 2 MA's), (51, 7959), (66, 8043), (78, 8106), (85, 8142), (93, 8172), (100, 8193), (109, 8226), (128, 8304), (130, 8313), (132, 8358), (146, 8448), (147, 8451), (149, 8457), (150, 8469), (153, 8484), (154, 8496), (179, 8580), (184, 8613), (188, 8631), (196, 8676), (203, 8745), (205, 8757), (218, 8856), (219, 8862), (223, 8889), (227, 8901), (229, 8907), (233, 8937), (234, 8940), (237, 8967), (242, 9033), (244, 9042), (256, 9117), (265, 9153), (309, 9336), (310, 9339), (314, 9351), (335, 9438), (337, 9447), (338, 9456), (340, 9471), (348, 9501), (353, 9519), (356, 9534), (364, 9561), (368, 9573), (385, 9609),

Gene: TP1604_10 Start: 8087, Stop: 9889, Start Num: 26

Candidate Starts for TP1604_10:

(Start: 26 @8087 has 10 MA's), (49, 8213), (53, 8234), (55, 8246), (62, 8294), (70, 8333), (77, 8375), (82, 8402), (96, 8471), (103, 8492), (109, 8513), (127, 8591), (129, 8597), (130, 8603), (142, 8699), (149, 8747), (178, 8825), (187, 8870), (189, 8879), (194, 8912), (196, 8921), (198, 8948), (214, 9080), (270, 9377), (283, 9413), (291, 9458), (296, 9503), (303, 9548), (317, 9599), (326, 9650), (330, 9668), (340, 9716), (360, 9803), (371, 9833), (377, 9860), (388, 9878),

Gene: TPA2_17 Start: 7975, Stop: 9807, Start Num: 7

Candidate Starts for TPA2_17:

(Start: 7 @7975 has 396 MA's), (16, 8026), (21, 8044), (38, 8143), (51, 8203), (68, 8272), (70, 8284), (82, 8353), (86, 8374), (87, 8377), (111, 8434), (128, 8506), (130, 8515), (139, 8593), (146, 8650), (147, 8653), (149, 8659), (150, 8671), (164, 8719), (175, 8758), (191, 8833), (194, 8857), (198, 8893), (205, 8947), (211, 9001), (213, 9019), (216, 9034), (223, 9076), (227, 9088), (233, 9124), (239, 9202), (274, 9361), (309, 9523), (312, 9532), (313, 9535), (314, 9538), (331, 9613), (337, 9634), (338, 9643), (340, 9658), (341, 9661), (355, 9715), (359, 9736), (364, 9748), (368, 9760), (372, 9772), (373, 9775),

Gene: TallGrassMM_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for TallGrassMM_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317),

(183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Taptic_6 Start: 3328, Stop: 5202, Start Num: 5

Candidate Starts for Taptic_6:

(Start: 5 @3328 has 7 MA's), (Start: 7 @3346 has 396 MA's), (Start: 19 @3403 has 2 MA's), (47, 3541), (51, 3571), (60, 3625), (82, 3736), (112, 3865), (128, 3922), (130, 3931), (132, 3976), (136, 3994), (148, 4072), (149, 4075), (175, 4159), (182, 4183), (185, 4207), (203, 4336), (205, 4348), (209, 4372), (213, 4423), (223, 4480), (227, 4492), (250, 4666), (262, 4735), (329, 4987), (364, 5128), (368, 5140), (387, 5182),

Gene: Telesworld_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Telesworld_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Thonko_7 Start: 3729, Stop: 5618, Start Num: 7

Candidate Starts for Thonko_7:

(Start: 7 @3729 has 396 MA's), (18, 3795), (Start: 33 @3852 has 2 MA's), (38, 3897), (76, 4095), (84, 4137), (132, 4347), (133, 4356), (139, 4380), (146, 4437), (149, 4446), (150, 4458), (160, 4506), (169, 4539), (184, 4602), (191, 4632), (213, 4821), (256, 5106), (306, 5325), (312, 5343), (329, 5418), (337, 5445), (372, 5583),

Gene: Thora_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Thora_8:

(Start: 7 @4438 has 396 MA's), (Start: 8 @4453 has 5 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: ThreeOh3D2_8 Start: 4439, Stop: 6358, Start Num: 7

Candidate Starts for ThreeOh3D2_8:

(Start: 7 @4439 has 396 MA's), (Start: 8 @4454 has 5 MA's), (Start: 30 @4550 has 5 MA's), (34, 4565), (52, 4676), (76, 4808), (81, 4832), (82, 4838), (84, 4850), (87, 4862), (129, 5027), (144, 5153), (145, 5156), (146, 5168), (149, 5177), (150, 5189), (162, 5252), (165, 5261), (175, 5297), (180, 5315), (183, 5324), (191, 5372), (202, 5468), (203, 5474), (209, 5510), (213, 5558), (218, 5582), (246, 5777), (262, 5870), (321, 6122), (353, 6257), (364, 6299), (368, 6311),

Gene: Thunderbird_8 Start: 4551, Stop: 6359, Start Num: 30

Candidate Starts for Thunderbird_8:

(Start: 7 @4440 has 396 MA's), (Start: 30 @4551 has 5 MA's), (34, 4566), (52, 4677), (76, 4809), (81, 4833), (82, 4839), (84, 4851), (87, 4863), (129, 5028), (144, 5154), (145, 5157), (146, 5169), (149, 5178), (150, 5190), (162, 5253), (165, 5262), (175, 5298), (180, 5316), (183, 5325), (191, 5373), (202, 5469), (203, 5475), (209, 5511), (213, 5559), (218, 5583), (246, 5778), (262, 5871), (321, 6123), (353, 6258), (364, 6300), (368, 6312),

Gene: Timmi_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Timmi_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Tinciduntolum_13 Start: 7844, Stop: 9733, Start Num: 7

Candidate Starts for Tinciduntolum_13:

(Start: 7 @7844 has 396 MA's), (13, 7892), (Start: 19 @7916 has 2 MA's), (Start: 26 @7934 has 10 MA's), (Start: 33 @7967 has 2 MA's), (51, 8075), (66, 8159), (78, 8222), (85, 8258), (100, 8309), (104, 8321), (109, 8342), (128, 8420), (130, 8429), (132, 8474), (146, 8564), (147, 8567), (149, 8573), (150, 8585), (153, 8600), (154, 8612), (179, 8696), (184, 8729), (188, 8747), (196, 8792), (203, 8861), (205, 8873), (213, 8948), (218, 8972), (219, 8978), (223, 9005), (227, 9017), (229, 9023), (233, 9053), (234, 9056), (237, 9083), (242, 9149), (244, 9158), (256, 9233), (265, 9269), (282, 9314), (309, 9452), (310, 9455), (314, 9467), (335, 9554), (337, 9563), (338, 9572), (340, 9587), (348, 9617), (353, 9635), (356, 9650), (364, 9677), (368, 9689), (385, 9725),

Gene: TomBombadil_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for TomBombadil_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Tomlarah_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Tomlarah_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Toni_8 Start: 4442, Stop: 6361, Start Num: 7

Candidate Starts for Toni_8:

(Start: 7 @4442 has 396 MA's), (Start: 8 @4457 has 5 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: Tonitrus_26 Start: 14379, Stop: 16331, Start Num: 6

Candidate Starts for Tonitrus_26:

(Start: 6 @14379 has 4 MA's), (11, 14427), (Start: 26 @14487 has 10 MA's), (31, 14514), (43, 14577), (46, 14595), (47, 14598), (76, 14748), (78, 14760), (82, 14778), (84, 14790), (95, 14829), (112, 14889), (132, 15000), (139, 15033), (147, 15093), (151, 15117), (171, 15270), (173, 15273), (177, 15285), (190, 15348), (199, 15417), (200, 15420), (210, 15501), (218, 15564), (223, 15597), (227, 15609), (229, 15615), (232, 15645), (237, 15678), (239, 15726), (242, 15744), (252, 15804), (279, 15900), (294, 15960), (320, 16083), (327, 16113), (337, 16149), (343, 16182), (347, 16191), (357, 16239), (359, 16251), (370, 16290), (382, 16320), (384, 16323),

Gene: Tooj_8 Start: 4439, Stop: 6358, Start Num: 7

Candidate Starts for Tooj_8:

(Start: 7 @4439 has 396 MA's), (Start: 8 @4454 has 5 MA's), (Start: 30 @4550 has 5 MA's), (34, 4565), (52, 4676), (76, 4808), (81, 4832), (82, 4838), (84, 4850), (87, 4862), (129, 5027), (144, 5153), (145, 5156), (146, 5168), (149, 5177), (150, 5189), (162, 5252), (165, 5261), (175, 5297), (180, 5315), (183, 5324), (191, 5372), (202, 5468), (203, 5474), (209, 5510), (213, 5558), (218, 5582), (246, 5777), (262, 5870), (321, 6122), (353, 6257), (364, 6299), (368, 6311),

Gene: Tres_12 Start: 7728, Stop: 9617, Start Num: 7

Candidate Starts for Tres_12:

(Start: 7 @7728 has 396 MA's), (13, 7776), (Start: 19 @7800 has 2 MA's), (Start: 26 @7818 has 10 MA's), (Start: 33 @7851 has 2 MA's), (51, 7959), (66, 8043), (78, 8106), (85, 8142), (100, 8193), (109, 8226), (128, 8304), (130, 8313), (132, 8358), (146, 8448), (147, 8451), (149, 8457), (150, 8469), (153, 8484), (154, 8496), (179, 8580), (184, 8613), (188, 8631), (196, 8676), (203, 8745), (205, 8757), (213, 8832), (218, 8856), (219, 8862), (223, 8889), (227, 8901), (229, 8907), (233, 8937), (234, 8940), (237, 8967), (242, 9033), (244, 9042), (256, 9117), (265, 9153), (282, 9198), (309, 9336), (310, 9339), (314, 9351), (335, 9438), (337, 9447), (338, 9456), (340, 9471), (348, 9501), (353, 9519), (356, 9534), (364, 9561), (368, 9573), (385, 9609),

Gene: True_8 Start: 4439, Stop: 6358, Start Num: 7

Candidate Starts for True_8:

(Start: 7 @4439 has 396 MA's), (Start: 8 @4454 has 5 MA's), (Start: 30 @4550 has 5 MA's), (34, 4565), (52, 4676), (76, 4808), (81, 4832), (82, 4838), (84, 4850), (87, 4862), (129, 5027), (144, 5153), (145, 5156), (146, 5168), (149, 5177), (150, 5189), (162, 5252), (165, 5261), (175, 5297), (180, 5315), (183, 5324), (191, 5372), (202, 5468), (203, 5474), (209, 5510), (213, 5558), (218, 5582), (246, 5777), (262, 5870), (321, 6122), (353, 6257), (364, 6299), (368, 6311),

Gene: Trypo_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Trypo_8:

(Start: 7 @4438 has 396 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (87, 4861), (115, 4975), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: TurkishDelight_11 Start: 6388, Stop: 8154, Start Num: 23

Candidate Starts for TurkishDelight_11:

(Start: 23 @6388 has 1 MA's), (55, 6565), (88, 6745), (89, 6748), (110, 6826), (114, 6850), (122, 6886), (130, 6916), (142, 7012), (149, 7060), (174, 7126), (176, 7132), (187, 7183), (198, 7261), (200, 7267), (209, 7339), (213, 7387), (215, 7399), (231, 7474), (233, 7495), (288, 7738), (328, 7936), (330, 7945), (380, 8143),

Gene: Tydolla_11 Start: 7076, Stop: 8980, Start Num: 7

Candidate Starts for Tydolla_11:

(Start: 7 @7076 has 396 MA's), (9, 7103), (29, 7184), (39, 7247), (52, 7313), (58, 7346), (78, 7454), (97, 7544), (115, 7622), (130, 7679), (133, 7733), (146, 7814), (150, 7835), (154, 7862), (169, 7913), (170, 7922), (175, 7931), (203, 8108), (205, 8120), (213, 8195), (218, 8219), (222, 8240), (236, 8324), (253, 8462), (256, 8480), (262, 8507), (270, 8531), (310, 8696), (313, 8705), (337, 8810), (338, 8819), (344, 8846), (368, 8936), (377, 8960), (383, 8972),

Gene: TyrionL_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for TyrionL_8:

(Start: 7 @4438 has 396 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (87, 4861), (115, 4975), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202,

5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (336, 6181), (353, 6256), (364, 6298), (368, 6310),

Gene: UAch1_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for UAch1_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: UncleHowie_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for UncleHowie_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Usavi_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Usavi_8:

(Start: 7 @4438 has 396 MA's), (Start: 8 @4453 has 5 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: Vaishali24_8 Start: 4442, Stop: 6361, Start Num: 7

Candidate Starts for Vaishali24_8:

(Start: 7 @4442 has 396 MA's), (Start: 8 @4457 has 5 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: Valjean_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Valjean_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Vaticameos_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Vaticameos_8:

(Start: 7 @4438 has 396 MA's), (Start: 8 @4453 has 5 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: Veritas_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Veritas_8:

(Start: 7 @4438 has 396 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (87, 4861), (115, 4975), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (336, 6181), (353, 6256), (364, 6298), (368, 6310),

Gene: Vic9_13 Start: 8171, Stop: 10060, Start Num: 7

Candidate Starts for Vic9_13:

(Start: 7 @8171 has 396 MA's), (13, 8219), (Start: 19 @8243 has 2 MA's), (Start: 26 @8261 has 10 MA's), (Start: 33 @8294 has 2 MA's), (51, 8402), (66, 8486), (78, 8549), (85, 8585), (100, 8636), (104, 8648), (109, 8669), (128, 8747), (130, 8756), (132, 8801), (146, 8891), (147, 8894), (149, 8900), (150, 8912), (153, 8927), (154, 8939), (179, 9023), (184, 9056), (188, 9074), (196, 9119), (203, 9188), (204, 9194), (205, 9200), (213, 9275), (218, 9299), (219, 9305), (223, 9332), (227, 9344), (229, 9350), (233, 9380), (234, 9383), (237, 9410), (242, 9476), (244, 9485), (256, 9560), (265, 9596), (282, 9641), (309, 9779), (310, 9782), (314, 9794), (335, 9881), (337, 9890), (338, 9899), (340, 9914), (348, 9944), (353, 9962), (356, 9977), (364, 10004), (368, 10016), (385, 10052),

Gene: Vincenzo_10 Start: 7459, Stop: 9357, Start Num: 7

Candidate Starts for Vincenzo_10:

(Start: 7 @7459 has 396 MA's), (Start: 26 @7540 has 10 MA's), (39, 7621), (40, 7627), (51, 7681), (69, 7768), (72, 7786), (82, 7846), (86, 7867), (107, 7927), (128, 8023), (132, 8077), (146, 8167), (152, 8194), (162, 8245), (183, 8317), (191, 8365), (193, 8380), (198, 8425), (203, 8467), (218, 8578), (219, 8584), (223, 8611), (233, 8659), (257, 8842), (281, 8917), (301, 9037), (306, 9046), (307, 9049), (319, 9106), (321, 9112), (337, 9175), (338, 9184), (374, 9328), (385, 9349),

Gene: VioletZ_9 Start: 6748, Stop: 8637, Start Num: 7

Candidate Starts for VioletZ_9:

(Start: 7 @6748 has 396 MA's), (Start: 8 @6763 has 5 MA's), (28, 6844), (32, 6859), (39, 6910), (43, 6919), (51, 6970), (72, 7075), (82, 7135), (109, 7231), (127, 7309), (128, 7312), (130, 7321), (132, 7366), (146, 7456), (147, 7459), (164, 7537), (167, 7549), (191, 7651), (198, 7711), (203, 7753), (205, 7765), (213, 7840), (218, 7864), (219, 7870), (223, 7897), (225, 7903), (228, 7912), (233, 7945), (237, 7975), (301, 8317), (306, 8326), (307, 8329), (321, 8392), (336, 8452), (337, 8455), (338, 8464), (364, 8578), (381, 8623), (385, 8629),

Gene: Virapocalypse_8 Start: 4439, Stop: 6358, Start Num: 7

Candidate Starts for Virapocalypse_8:

(Start: 7 @4439 has 396 MA's), (Start: 8 @4454 has 5 MA's), (Start: 30 @4550 has 5 MA's), (34, 4565), (52, 4676), (76, 4808), (81, 4832), (82, 4838), (84, 4850), (87, 4862), (129, 5027), (144, 5153), (145, 5156), (146, 5168), (149, 5177), (150, 5189), (162, 5252), (165, 5261), (175, 5297), (180, 5315), (183, 5324), (191, 5372), (202, 5468), (203, 5474), (209, 5510), (213, 5558), (218, 5582), (246, 5777), (262, 5870), (321, 6122), (353, 6257), (364, 6299), (368, 6311),

Gene: Virgeve_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Virgeve_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Vista_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Vista_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Vivaldi_8 Start: 4439, Stop: 6358, Start Num: 7

Candidate Starts for Vivaldi_8:

(Start: 7 @4439 has 396 MA's), (Start: 8 @4454 has 5 MA's), (Start: 30 @4550 has 5 MA's), (34, 4565), (52, 4676), (76, 4808), (81, 4832), (82, 4838), (84, 4850), (87, 4862), (129, 5027), (144, 5153), (145, 5156), (146, 5168), (149, 5177), (150, 5189), (162, 5252), (165, 5261), (175, 5297), (180, 5315), (183, 5324), (191, 5372), (202, 5468), (203, 5474), (209, 5510), (213, 5558), (218, 5582), (246, 5777), (262, 5870), (321, 6122), (353, 6257), (364, 6299), (368, 6311),

Gene: Vortex_8 Start: 4442, Stop: 6361, Start Num: 7

Candidate Starts for Vortex_8:

(Start: 7 @4442 has 396 MA's), (Start: 8 @4457 has 5 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: Waleliano_9 Start: 6748, Stop: 8637, Start Num: 7

Candidate Starts for Waleliano_9:

(Start: 7 @6748 has 396 MA's), (Start: 8 @6763 has 5 MA's), (28, 6844), (32, 6859), (39, 6910), (43, 6919), (51, 6970), (72, 7075), (82, 7135), (109, 7231), (127, 7309), (128, 7312), (130, 7321), (132, 7366), (146, 7456), (147, 7459), (164, 7537), (167, 7549), (188, 7639), (191, 7651), (198, 7711), (203, 7753), (205, 7765), (218, 7864), (219, 7870), (223, 7897), (225, 7903), (228, 7912), (233, 7945), (301, 8317), (306, 8326), (307, 8329), (321, 8392), (336, 8452), (337, 8455), (338, 8464), (364, 8578), (372, 8602), (385, 8629),

Gene: Wallhey_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Wallhey_8:

(Start: 7 @4438 has 396 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (87, 4861), (115, 4975), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (336, 6181), (353, 6256), (364, 6298), (368, 6310),

Gene: Waterdiva_8 Start: 4442, Stop: 6361, Start Num: 7

Candidate Starts for Waterdiva_8:

(Start: 7 @4442 has 396 MA's), (Start: 8 @4457 has 5 MA's), (Start: 30 @4553 has 5 MA's), (34, 4568), (52, 4679), (76, 4811), (81, 4835), (82, 4841), (84, 4853), (87, 4865), (129, 5030), (144, 5156), (145, 5159), (146, 5171), (149, 5180), (150, 5192), (162, 5255), (165, 5264), (175, 5300), (180, 5318), (183, 5327), (191, 5375), (202, 5471), (203, 5477), (209, 5513), (213, 5561), (218, 5585), (246, 5780), (262, 5873), (321, 6125), (353, 6260), (364, 6302), (368, 6314),

Gene: Weher20_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for Weher20_8:

(Start: 7 @4438 has 396 MA's), (Start: 8 @4453 has 5 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776),

(262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: West99_12 Start: 7845, Stop: 9734, Start Num: 7

Candidate Starts for West99_12:

(Start: 7 @7845 has 396 MA's), (13, 7893), (Start: 19 @7917 has 2 MA's), (Start: 26 @7935 has 10 MA's), (Start: 33 @7968 has 2 MA's), (51, 8076), (66, 8160), (78, 8223), (85, 8259), (100, 8310), (104, 8322), (109, 8343), (128, 8421), (130, 8430), (132, 8475), (146, 8565), (147, 8568), (149, 8574), (150, 8586), (153, 8601), (154, 8613), (179, 8697), (184, 8730), (188, 8748), (196, 8793), (203, 8862), (205, 8874), (213, 8949), (218, 8973), (219, 8979), (223, 9006), (227, 9018), (229, 9024), (233, 9054), (234, 9057), (237, 9084), (242, 9150), (244, 9159), (256, 9234), (265, 9270), (282, 9315), (309, 9453), (310, 9456), (314, 9468), (335, 9555), (337, 9564), (338, 9573), (340, 9588), (348, 9618), (353, 9636), (356, 9651), (364, 9678), (368, 9690), (385, 9726),

Gene: Windsor_8 Start: 4439, Stop: 6358, Start Num: 7

Candidate Starts for Windsor_8:

(Start: 7 @4439 has 396 MA's), (Start: 30 @4550 has 5 MA's), (34, 4565), (52, 4676), (76, 4808), (81, 4832), (82, 4838), (87, 4862), (115, 4976), (129, 5027), (144, 5153), (145, 5156), (146, 5168), (149, 5177), (150, 5189), (162, 5252), (165, 5261), (175, 5297), (180, 5315), (183, 5324), (191, 5372), (202, 5468), (203, 5474), (209, 5510), (213, 5558), (218, 5582), (246, 5777), (262, 5870), (321, 6122), (353, 6257), (364, 6299), (368, 6311),

Gene: Wooper_10 Start: 6780, Stop: 8627, Start Num: 7

Candidate Starts for Wooper_10:

(Start: 7 @6780 has 396 MA's), (Start: 33 @6894 has 2 MA's), (38, 6936), (51, 6999), (61, 7065), (85, 7170), (92, 7194), (124, 7293), (126, 7299), (128, 7308), (130, 7317), (147, 7455), (150, 7473), (180, 7614), (184, 7641), (188, 7659), (191, 7671), (197, 7722), (203, 7773), (213, 7860), (218, 7884), (256, 8142), (276, 8202), (278, 8211), (312, 8352), (313, 8355), (329, 8427), (331, 8433), (337, 8454), (349, 8511), (352, 8523), (359, 8556), (364, 8568), (368, 8580), (372, 8592), (377, 8604), (379, 8607),

Gene: Xavier_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Xavier_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Xincheng_9 Start: 6587, Stop: 8458, Start Num: 8

Candidate Starts for Xincheng_9:

(Start: 7 @6572 has 396 MA's), (Start: 8 @6587 has 5 MA's), (28, 6668), (32, 6683), (39, 6734), (43, 6743), (51, 6794), (72, 6899), (82, 6959), (109, 7055), (127, 7133), (128, 7136), (130, 7145), (132, 7190), (146, 7280), (147, 7283), (164, 7361), (167, 7373), (175, 7400), (191, 7475), (198, 7535), (203, 7577), (205, 7589), (207, 7604), (218, 7688), (219, 7694), (223, 7721), (225, 7727), (228, 7736), (233, 7769), (301, 8138), (306, 8147), (307, 8150), (312, 8165), (321, 8213), (337, 8276), (338, 8285), (364, 8399), (381, 8444), (385, 8450),

Gene: Xkcd426_11 Start: 9122, Stop: 10924, Start Num: 26

Candidate Starts for Xkcd426_11:

(Start: 26 @9122 has 10 MA's), (29, 9143), (36, 9164), (45, 9227), (55, 9281), (70, 9368), (82, 9437), (96, 9506), (109, 9548), (117, 9593), (127, 9626), (129, 9632), (141, 9722), (142, 9734), (149, 9782), (178, 9860), (189, 9914), (194, 9947), (198, 9983), (206, 10049), (214, 10115), (239, 10295), (270, 10415), (277, 10433), (288, 10469), (301, 10571), (303, 10583), (334, 10718), (345, 10766), (360, 10838), (362, 10847), (371, 10868), (377, 10895), (388, 10913),

Gene: YDN12_11 Start: 8033, Stop: 9832, Start Num: 26

Candidate Starts for YDN12_11:

(Start: 26 @8033 has 10 MA's), (49, 8159), (53, 8180), (55, 8192), (62, 8240), (70, 8279), (77, 8321), (82, 8348), (96, 8417), (103, 8438), (109, 8459), (119, 8513), (127, 8537), (129, 8543), (130, 8549), (132, 8594), (142, 8645), (149, 8693), (187, 8816), (189, 8825), (194, 8858), (198, 8894), (200, 8900), (214, 9026), (233, 9128), (270, 9323), (283, 9359), (287, 9368), (296, 9449), (301, 9482), (303, 9494), (309, 9512), (317, 9545), (330, 9614), (340, 9662), (342, 9668), (360, 9749), (371, 9779), (377, 9806), (388, 9821),

Gene: Yago84_7 Start: 5116, Stop: 6957, Start Num: 7

Candidate Starts for Yago84_7:

(Start: 7 @5116 has 396 MA's), (Start: 33 @5230 has 2 MA's), (38, 5272), (51, 5335), (78, 5467), (82, 5485), (104, 5539), (109, 5560), (132, 5692), (139, 5725), (146, 5782), (147, 5785), (150, 5803), (157, 5854), (162, 5875), (188, 5983), (191, 5995), (203, 6097), (224, 6244), (227, 6253), (235, 6310), (292, 6589), (310, 6676), (312, 6682), (329, 6757), (331, 6763), (337, 6784), (355, 6865), (364, 6898), (368, 6910), (377, 6934), (379, 6937),

Gene: Yahalom_11 Start: 6315, Stop: 8219, Start Num: 7

Candidate Starts for Yahalom_11:

(Start: 7 @6315 has 396 MA's), (9, 6342), (29, 6423), (39, 6486), (52, 6552), (58, 6585), (78, 6693), (97, 6783), (115, 6861), (130, 6918), (133, 6972), (146, 7053), (150, 7074), (154, 7101), (169, 7152), (170, 7161), (175, 7170), (203, 7347), (205, 7359), (213, 7434), (218, 7458), (222, 7479), (236, 7563), (253, 7701), (256, 7719), (262, 7746), (270, 7770), (310, 7935), (313, 7944), (337, 8049), (338, 8058), (344, 8085), (368, 8175), (377, 8199), (383, 8211),

Gene: Yinz_11 Start: 6341, Stop: 8248, Start Num: 7

Candidate Starts for Yinz_11:

(Start: 7 @6341 has 396 MA's), (9, 6368), (29, 6449), (39, 6512), (52, 6578), (58, 6611), (78, 6719), (97, 6809), (115, 6887), (130, 6944), (133, 6998), (146, 7079), (150, 7100), (154, 7127), (169, 7178), (170, 7187), (175, 7196), (203, 7373), (205, 7385), (213, 7460), (218, 7484), (222, 7505), (236, 7589), (253, 7727), (256, 7745), (262, 7772), (270, 7796), (310, 7964), (313, 7973), (337, 8078), (338, 8087), (344, 8114), (368, 8204), (377, 8228), (383, 8240),

Gene: Yoshand_8 Start: 4439, Stop: 6358, Start Num: 7

Candidate Starts for Yoshand_8:

(Start: 7 @4439 has 396 MA's), (Start: 8 @4454 has 5 MA's), (Start: 30 @4550 has 5 MA's), (34, 4565), (52, 4676), (76, 4808), (81, 4832), (82, 4838), (84, 4850), (87, 4862), (129, 5027), (144, 5153), (145, 5156), (146, 5168), (149, 5177), (150, 5189), (162, 5252), (165, 5261), (175, 5297), (180, 5315), (183, 5324), (191, 5372), (202, 5468), (203, 5474), (209, 5510), (213, 5558), (218, 5582), (246, 5777), (262, 5870), (321, 6122), (353, 6257), (364, 6299), (368, 6311),

Gene: YouGoGlencoco_8 Start: 4438, Stop: 6357, Start Num: 7

Candidate Starts for YouGoGlencoco_8:

(Start: 7 @4438 has 396 MA's), (Start: 8 @4453 has 5 MA's), (Start: 30 @4549 has 5 MA's), (34, 4564), (52, 4675), (76, 4807), (81, 4831), (82, 4837), (84, 4849), (87, 4861), (129, 5026), (144, 5152), (145, 5155), (146, 5167), (149, 5176), (150, 5188), (162, 5251), (165, 5260), (175, 5296), (180, 5314), (183, 5323), (191, 5371), (202, 5467), (203, 5473), (209, 5509), (213, 5557), (218, 5581), (246, 5776), (262, 5869), (321, 6121), (353, 6256), (364, 6298), (368, 6310),

Gene: Zaider_9 Start: 4671, Stop: 6590, Start Num: 7

Candidate Starts for Zaider_9:

(Start: 7 @4671 has 396 MA's), (Start: 8 @4686 has 5 MA's), (Start: 30 @4782 has 5 MA's), (34, 4797), (52, 4908), (76, 5040), (81, 5064), (82, 5070), (84, 5082), (87, 5094), (129, 5259), (144, 5385), (145, 5388), (146, 5400), (149, 5409), (150, 5421), (162, 5484), (165, 5493), (175, 5529), (180, 5547), (183, 5556), (191, 5604), (202, 5700), (203, 5706), (209, 5742), (213, 5790), (218, 5814), (246, 6009), (262, 6102), (321, 6354), (353, 6489), (364, 6531), (368, 6543),

Gene: Zelda_8 Start: 4441, Stop: 6360, Start Num: 7

Candidate Starts for Zelda_8:

(Start: 7 @4441 has 396 MA's), (Start: 8 @4456 has 5 MA's), (Start: 30 @4552 has 5 MA's), (34, 4567), (52, 4678), (76, 4810), (81, 4834), (82, 4840), (84, 4852), (87, 4864), (129, 5029), (144, 5155), (145, 5158), (146, 5170), (149, 5179), (150, 5191), (162, 5254), (165, 5263), (175, 5299), (180, 5317), (183, 5326), (191, 5374), (202, 5470), (203, 5476), (209, 5512), (213, 5560), (218, 5584), (246, 5779), (262, 5872), (321, 6124), (353, 6259), (364, 6301), (368, 6313),

Gene: Zemanar_10 Start: 6748, Stop: 8637, Start Num: 7

Candidate Starts for Zemanar_10:

(Start: 7 @6748 has 396 MA's), (Start: 8 @6763 has 5 MA's), (28, 6844), (32, 6859), (39, 6910), (43, 6919), (51, 6970), (72, 7075), (82, 7135), (109, 7231), (127, 7309), (128, 7312), (130, 7321), (132, 7366), (146, 7456), (147, 7459), (164, 7537), (167, 7549), (191, 7651), (198, 7711), (203, 7753), (205, 7765), (213, 7840), (218, 7864), (219, 7870), (223, 7897), (225, 7903), (228, 7912), (233, 7945), (237, 7975), (301, 8317), (306, 8326), (307, 8329), (321, 8392), (336, 8452), (337, 8455), (338, 8464), (364, 8578), (372, 8602), (385, 8629),

Gene: Zenteno07_13 Start: 5606, Stop: 7525, Start Num: 7

Candidate Starts for Zenteno07_13:

(Start: 7 @5606 has 396 MA's), (77, 5981), (79, 5993), (87, 6032), (101, 6083), (131, 6209), (132, 6248), (144, 6323), (145, 6326), (150, 6359), (159, 6407), (160, 6416), (165, 6431), (167, 6440), (183, 6494), (197, 6593), (203, 6644), (209, 6680), (217, 6749), (218, 6752), (253, 6995), (256, 7013), (308, 7229), (312, 7241), (337, 7352), (338, 7361), (340, 7376), (353, 7424), (381, 7511),

Gene: Zonia_8 Start: 4437, Stop: 6356, Start Num: 7

Candidate Starts for Zonia_8:

(Start: 7 @4437 has 396 MA's), (Start: 30 @4548 has 5 MA's), (34, 4563), (52, 4674), (76, 4806), (81, 4830), (82, 4836), (84, 4848), (87, 4860), (129, 5025), (144, 5151), (145, 5154), (146, 5166), (149, 5175), (150, 5187), (162, 5250), (165, 5259), (175, 5295), (180, 5313), (183, 5322), (191, 5370), (202, 5466), (203, 5472), (209, 5508), (213, 5556), (218, 5580), (246, 5775), (262, 5868), (321, 6120), (353, 6255), (364, 6297), (368, 6309),

Gene: phiAsp2_4 Start: 1019, Stop: 2959, Start Num: 24

Candidate Starts for phiAsp2_4:

(1, 869), (2, 875), (3, 878), (4, 890), (24, 1019), (36, 1070), (61, 1238), (65, 1259), (68, 1268), (78, 1331), (91, 1394), (94, 1415), (108, 1466), (109, 1469), (125, 1553), (135, 1640), (137, 1646), (141, 1664), (147, 1718), (150, 1736), (172, 1784), (183, 1817), (186, 1844), (187, 1847), (189, 1856), (192, 1877), (193, 1880), (201, 1946), (206, 2000), (230, 2138), (242, 2261), (243, 2264), (247, 2285), (249, 2294), (275, 2411), (302, 2576), (306, 2603), (311, 2627), (324, 2702), (342, 2786), (344, 2792), (348, 2813), (354, 2837), (358, 2852), (367, 2894), (374, 2915), (386, 2945),