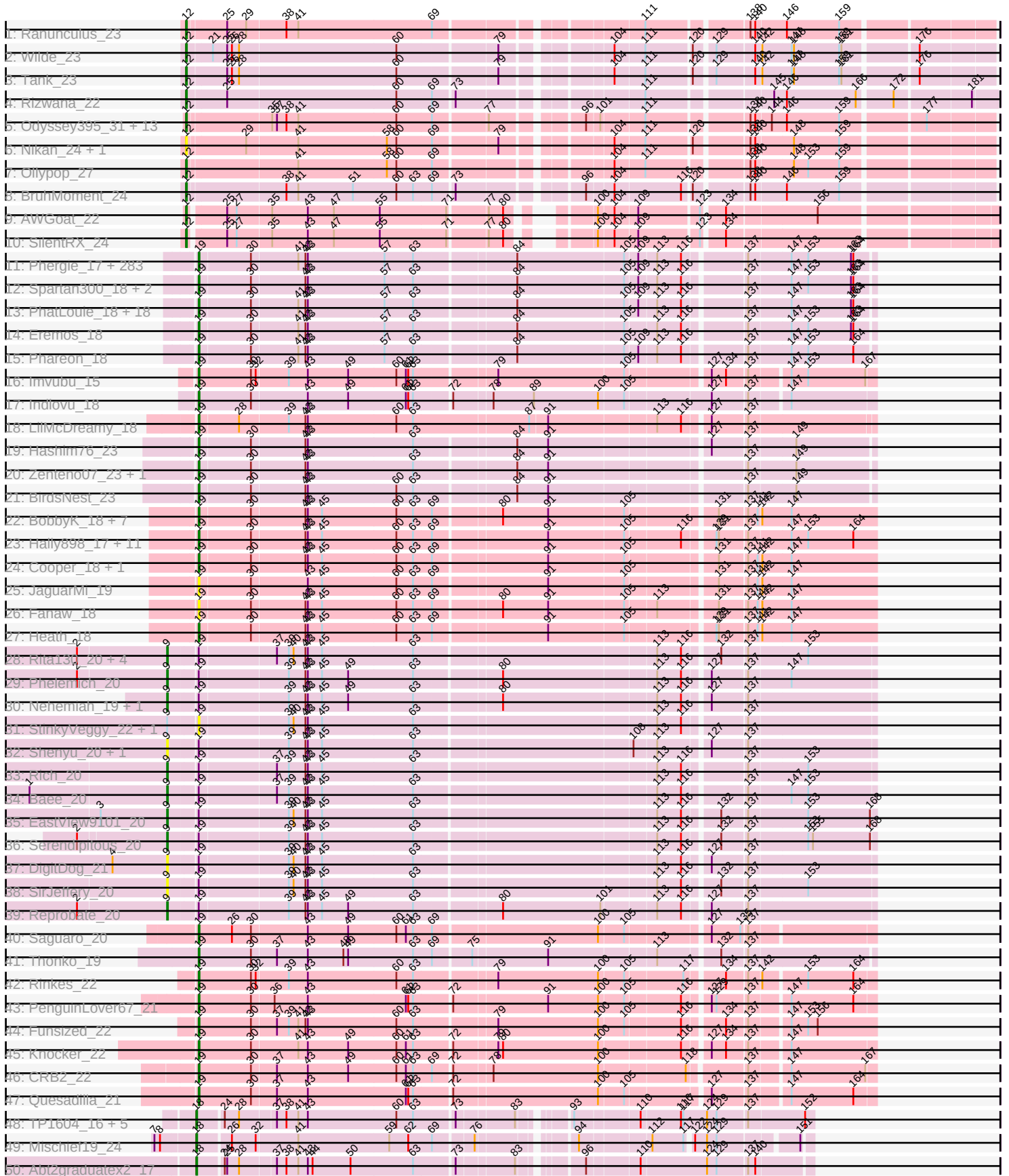
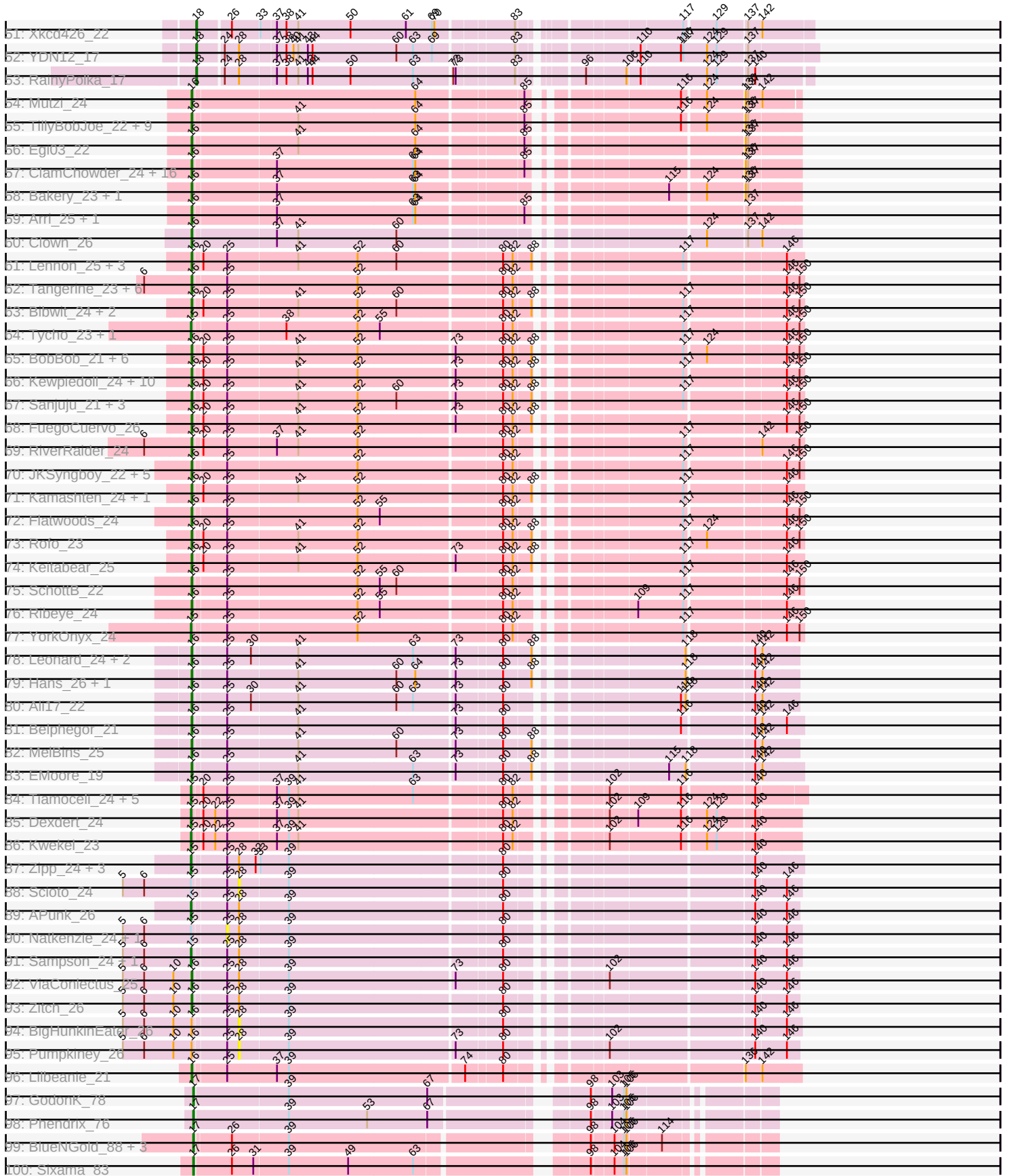


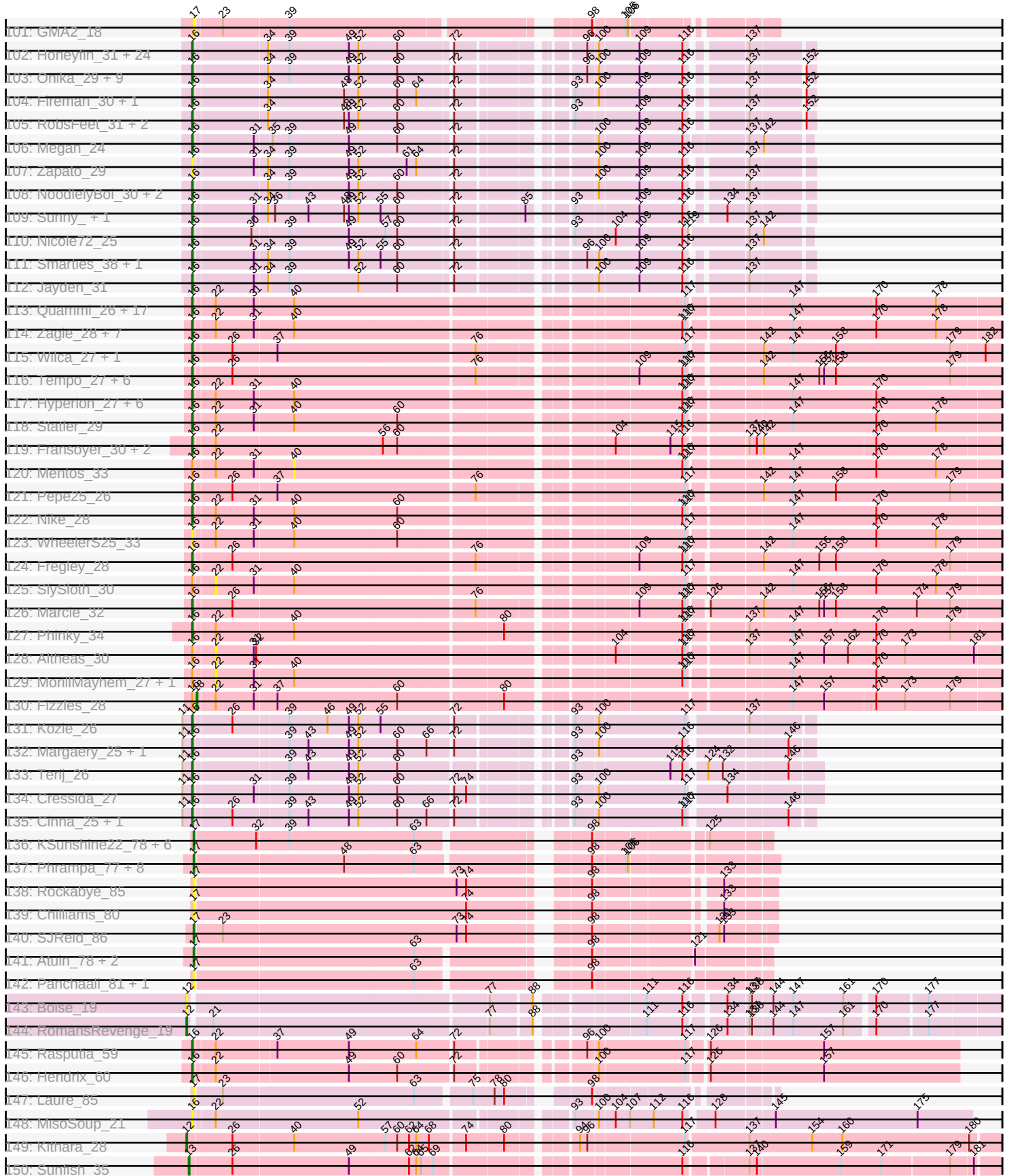
Pham 279952



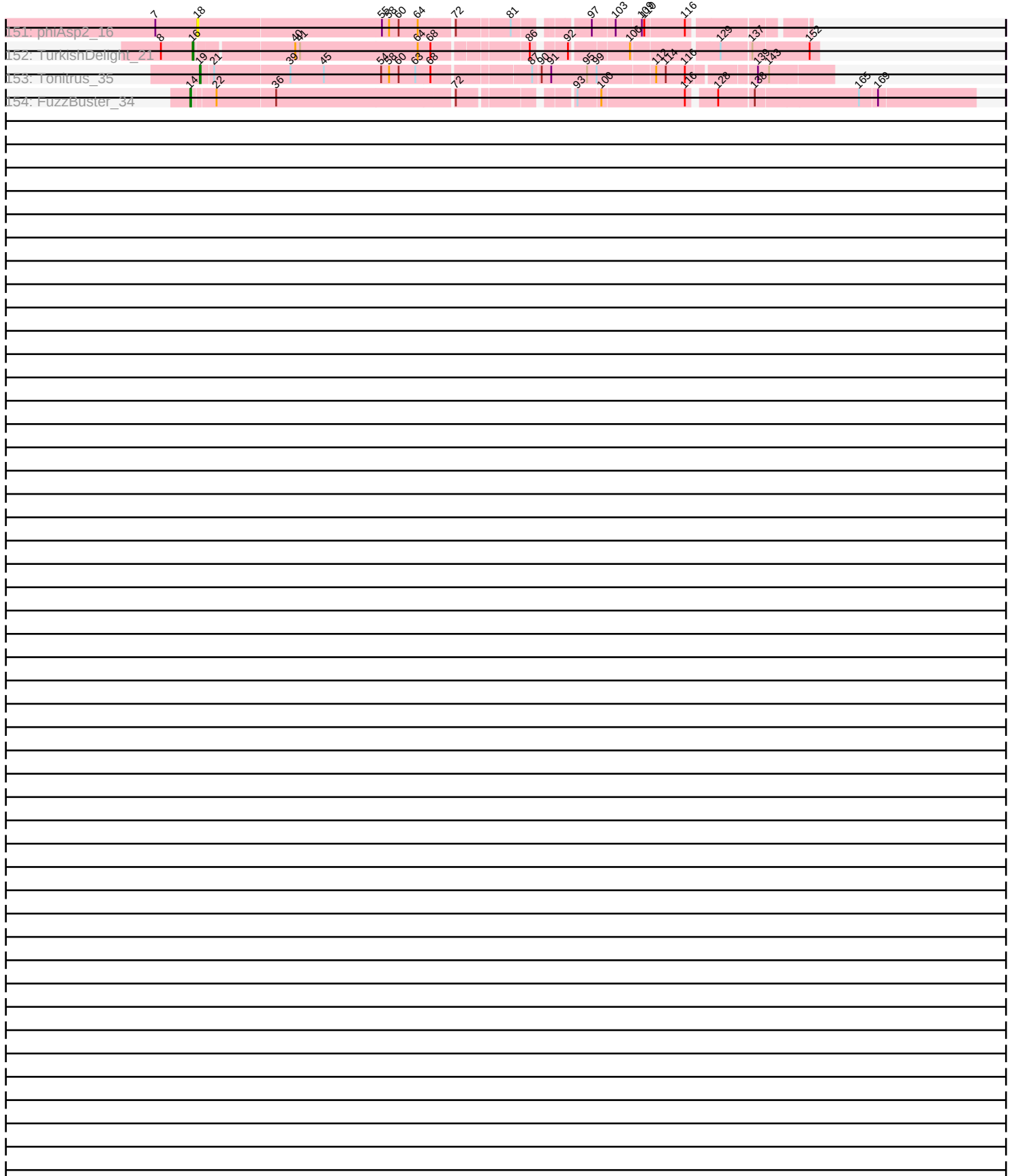
Pham 279952



Pham 279952



Pham 279952



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 279952 Report

This analysis was run 02/07/26 on database version 634.

Pham number 279952 has 682 members, 103 are drafts.

Phages represented in each track:

- Track 1 : Ranunculus_23
- Track 2 : Wilde_23
- Track 3 : Tank_23
- Track 4 : Rizwana_22
- Track 5 : Odyssey395_31, Beagle_30, Hive_29, NyleyClemson_25, RazzB_25, MellowYellow_26, Popstraw_27, Pointis_29, BetaFish_29, Pureglobe5_31, Forrestell_26, PhuzzTulsa_27, DogYard_29, Kubulix_30
- Track 6 : Nikan_24, Ren19_22
- Track 7 : Ollypop_27
- Track 8 : BruhMoment_24
- Track 9 : AWGoat_22
- Track 10 : SilentRX_24
- Track 11 : Phergie_17, TallGrassMM_18, Simielle_17, Zaider_19, HenryJackson_17, BlackStallion_18, Gyarad_0018, Puhltonio_18, Cornobble_17, Fringe_18, FugateOSU_17, Numberten_18, JacAttac_18, Lulumae_17, Phamished_18, Carthage_17, Orfeu_17, Doddsville_18, OliverWalter_18, Andre_18, HSavage_18, Gwilliam_18, Dione_17, Bishoperium_17, FluffyNinja_18, Yoshand_18, Virgeve_17, Etaye_18, Toni_17, Suffolk_18, Plmatters_18, Mcshane_17, Melc17_18, AltPhacts_18, Khan1_18, Hocus_17, UAch1_18, CheetO_18, Hartsy_18, Daka_18, Nacho_0018, Vista_18, JakeO_17, Piglet_0017, AbsoluteMadLad_17, CamL_18, Morty_18, Daffy_18, Chuni_17, Squid_18, Antonia_17, Weher20_18, DelRivs_17, ABU_18, Mosaic_17, KlimbOn_18, BlueHusk_18, SallyH_18, Hamish_18, Mikota_18, ShadowBud_18, PhenghisKhan_17, Rimu_18, ThreeOh3D2_18, Grand2040_17, ImtiyazSitla_17, Charles1_18, SirBeauregard_17, Solosis_17, Mutante_17, Jesabah_18, Sophia_17, Crownjwl_18, Aonishiki_18, PhrankReynolds_17, Vaishali24_17, Maru_17, Serendipity_18, Roy17_18, BlacksBerry_17, Maskar_17, Labeouficaum_17, Placalicious_17, Olive_18, Swish_18, Gwennie1_18, Haimas_18, Flake_19, DirtJuice_18, QueenBeane_18, Oline_17, Jiraiya_17, Pherdinand_18, DuchessDung_17, Riverton_17, Orwigg_17, Chorkpop_18, Hetaeria_18, Surely_18, Phleuron_17, Emiris_18, Slatt_18, Derpp_17, Giraffe_18, KLUcky39_18, Burr_17, Kikipoo_18, Chipette_19, DaddyDaniels_18, MrPhizzler_18, UncleHowie_18, Virapocalypse_18, Pipsqueak_18, Childish_17, IsaacEli_18, MiniBoss_18, Ricotta_17, Mulan_17, Duggie_17, Prickles_18, MichaelPhcott_17, Gophee_18, Schueller_17, Horchata_18, Iridessa_18, Kailash_18, PallasAthena_18, OSmaximus_18, Morgushi_18, Mana_17, Magic8_18, True_17, Boehler_18, MitKao_18, Olak_17, FleetyMac_17, Thunderbird_17, DoesntMatter_18, JangoPhett_18, Aelin_17, Riggan_18, SDcharge11_18, Durga_18, Sigman_18,

Soile_18, Mecca_17, Mesh1_18, Happabalu_18, Fang_18, Chunky_18, Quisquilliae_18, Phipps_18, Craff_18, Waterdiva_18, Kwadwo_17, Pacifista_17, Manad_17, PhrodoBaggins_17, Buckeye_18, Gareth_17, Dingo_18, Chute_17, JDog_17, Beaglebox_17, Mag7_17, Robyn_17, Cannibal_18, FriarPreacher_18, Bluephacebaby_17, Podrick_18, Lasso_18, Altwerkus_17, Scoot17C_18, Ashraf_17, LostAndPhound_17, Lopsy_17, Samaymay_18, Schadenfreude_17, Dati_18, Tooj_18, Haleema_17, RedMaple_17, Newman_18, ProfessorX_18, Chaelin_17, Orion_18, BoogieWoogie_17, Xavier_17, Lulwa_18, SassyCat97_17, Megatron_18, Cobra_18, PG1_18, Vortex_18, AngelCake_18, Telesworld_17, Omniscient_18, Vivaldi_18, RedRaider89_18, LeeLot_18, Murdoc_18, Freya_17, Iridoclysis_18, Vaticameos_18, KingTut_17, Inchworm_18, DolOn_19, HogWash_17, PinheadLarry_18, Potter_17, Pops_18, Longacauda_17, Held_18, Soto_18, Lego3393_18, FremontTroll_18, CampRoach_18, Kimbrough_18, Lumine_17, Scrick_17, Oosterbaan_18, Anderson_18, Roliet_18, Harvey_18, Legolas_17, Nyala_17, Tomlarah_18, LemonSlice_18, Timmi_17, SilverBell_18, TyrionL_17, Hertubise_18, Windsor_17, Inverness_18, Mesmerelda_17, Fozzie_17, Zelda_18, DonSancho_17, Badfish_18, MRabcd_17, Thora_18, Adriana_18, Larson_19, HighStump_17, LasagnaCat_18, Frankicide_18, Matalotodo_18, Apizium_17, LuckyMarjie_17, Basato_19, Cornbread_17, Dice_17, Katniss_18, Roscoe_19, Jillium_17, Cher_17, Serpentine_0018, Colbert_18, Selr12_18, Megamind20_18, TomBombadil_18, Banjo_17, Brilliant_18, Veritas_17, Skippy_18, LeiMonet_18, Kahve_17, Usavi_18, Coletti_18, YouGoGlencoco_18, Squiggle_18, Phunky_18, TooFast2Furius_19, ShiVal_18, Cosmolli16_17, Eugenia_18, Kloppinator_18, Lehmann_18, Triad_18, KingVeVeVe_18, Nicole21_18, Nathan_18, Chah_18, PhatCats2014_18

- Track 12 : Spartan300_18, Valjean_18, EmpTee_18
- Track 13 : PhatLouie_18, Keitherie_18, CharlieGBrown_17, BatteryCK_17, MelsMeow_17, Wallhey_17, Kwksand96_17, Sheila_18, Pinkman_17, Plata_18, ElvisPhasley_18, GeneCoco_18, Caspiboi_17, Jiminy_17, Zonia_18, Struggle_17, Aleia_18, Trypo_18, Swiphy_18
- Track 14 : Eremos_18
- Track 15 : Phareon_18
- Track 16 : Imvubu_15
- Track 17 : Indlovu_18
- Track 18 : LilMcDreamy_18
- Track 19 : Hashim76_23
- Track 20 : Zenteno07_23, LittleMinkey_24
- Track 21 : BirdsNest_23
- Track 22 : BobbyK_18, Fortunato_18, Apex_18, Frederick_18, Mudslide_18, RawrgerThat_18, Austelle_19, Prince_18
- Track 23 : Hally898_17, Nanao_17, Lambano_17, ChrisnMich_17, Epah_17, Poster_17, Antihero_17, GinPorsche_17, LittleDigger_17, JAMaL_18, Ahwei_17, Renkei_17
- Track 24 : Cooper_18, QueenPie_18
- Track 25 : JaguarMi_19
- Track 26 : Fanaw_18
- Track 27 : Heath_18
- Track 28 : Rita130_20, Acadian_20, Donny_20, Suigeneris_20, Reccee_21
- Track 29 : Phelemich_20
- Track 30 : Nehemiah_19, Mysterious_20
- Track 31 : StinkyVeggy_22, KarasumaRum_22
- Track 32 : Shenyu_20, Nangang_20
- Track 33 : Rich_20

- Track 34 : Baee_20
- Track 35 : EastView9101_20
- Track 36 : Serendipitous_20
- Track 37 : DigitDog_21
- Track 38 : SirJeffery_20
- Track 39 : Reprobate_20
- Track 40 : Saguaro_20
- Track 41 : Thonko_19
- Track 42 : Rinkes_22
- Track 43 : PenguinLover67_21
- Track 44 : Funsized_22
- Track 45 : Knocker_22
- Track 46 : CRB2_22
- Track 47 : Quesadilla_21
- Track 48 : TP1604_16, Salete_16, Asis_16, BayC_16, BabyGotBac_16, Maih_16
- Track 49 : Mischief19_24
- Track 50 : Abt2graduatex2_17
- Track 51 : Xkcd426_22
- Track 52 : YDN12_17
- Track 53 : RainyPolka_17
- Track 54 : Mutzi_24
- Track 55 : TillyBobJoe_22, Gezellig_22, Valary_25, Portcullis_22, Fireball_23, CherryCola_26, Phlop_22, Wizard_22, PullumCavea_22, Shinji_22
- Track 56 : Egi03_22
- Track 57 : ClamChowder_24, KimmyK_24, PinkCoffee_24, CoveyB_24, Halo3_23, Salvador_22, Twister6_24, VanDeWege_25, Danyall_24, Jambalaya_22, Togo_22, Evamon_22, Savbucketdawg_22, Fugax_24, Nubi_22, Barb_24, SmokingBunny_22
- Track 58 : Bakery_23, YungMoney_24
- Track 59 : Arri_25, RogerDodger_25
- Track 60 : Clown_26
- Track 61 : Lennon_25, ChadMasterC_23, Fitzgerald_21, Sitar_25
- Track 62 : Tangerine_23, Ashertheman_24, Baumdotcom_23, Gustavo_23, Kwobi_25, Saronaya_23, StorminNorm_23
- Track 63 : Bibwit_24, Stultus_23, Sedona_25
- Track 64 : Tycho_23, Gaea_23
- Track 65 : BobBob_21, Affeca_23, Shivanishola_23, Vivi2_23, Tangent_21, Angelicage_23, Charming_21
- Track 66 : Kewpiedoll_24, Galadriel_25, Ailee_23, MoontowerMania_22, Fosterous_21, McKinley_24, Love_25, Paries_24, Geodirt_22, McCrothy_24, Nordenberg_18
- Track 67 : Sanjuju_21, Barsten_24, Jabberwocky_21, Brandonk123_25
- Track 68 : FuegoCuervo_26
- Track 69 : RiverRaider_24
- Track 70 : JKSyngboy_22, Derg_19, Bizzy_24, LilHam_21, Kroos_24, Baddon_23
- Track 71 : Kamashten_24, Thing3_24
- Track 72 : Flatwoods_24
- Track 73 : Rofo_23
- Track 74 : Keitabear_25
- Track 75 : SchottB_22
- Track 76 : Ribeye_24
- Track 77 : YorkOnyx_24
- Track 78 : Leonard_24, Phinally_24, Inspectinfecti_25
- Track 79 : Hans_26, Phauci_17

- Track 80 : Ali17_22
- Track 81 : Belphegor_21
- Track 82 : MelBins_25
- Track 83 : EMOore_19
- Track 84 : Tiamoceli_24, Chickadee_23, EdmundFerry_22, GTE6_23, RoadKill_21, Twonlo_21
- Track 85 : Dexdert_24
- Track 86 : Kwekel_23
- Track 87 : Zipp_24, Delrey21_24, DoctorFroggo_24, Verity_24
- Track 88 : Scioto_24
- Track 89 : APunk_26
- Track 90 : Natkenzie_24, Abblin_24
- Track 91 : Sampson_24, Tardus_25
- Track 92 : ViaConlectus_25
- Track 93 : Zitch_26
- Track 94 : BigHunkinEater_26
- Track 95 : Pumpkiney_26
- Track 96 : Lilbeanie_21
- Track 97 : GodonK_78
- Track 98 : Phendrix_76
- Track 99 : BlueNGold_88, Boopy_89, Forza_89, Mareelih_87
- Track 100 : Sixama_83
- Track 101 : GMA2_18
- Track 102 : Honeyfin_31, Jollipop_30, Lucretia_30, Savannah_29, EarickHC_30, Kowalski_29, PhedwardCullen_28, Jefe_30, KaiHaiDragon_30, LittleFortune_31, Pulchra_31, Paschalis_29, Ganandorf_29, Rockwell_29, PiperSansNom_30, Selwyn23_31, Ramiel05_29, Glorp_31, Crisis_31, PierreOrion_30, Quhwah_33, Yeti_30, Busephilis_29, CrazyRich_29, Piperis_30
- Track 103 : Onika_29, Scumberland_31, Antares_30, Phrancesco_30, Shotgun_29, Hermeonysus_29, BrazzalePHS_29, Cranjis_31, BeagleBug_29, Phorgeous_29
- Track 104 : Fireman_30, Tyumbra_28
- Track 105 : RobsFeet_31, Metamorphoo_30, Shrubaron_30
- Track 106 : Megan_24
- Track 107 : Zapato_29
- Track 108 : NoodlelyBoi_30, ClearAsMud_32, SirFrank_29
- Track 109 : Sunny_, Merry_
- Track 110 : Nicole72_25
- Track 111 : Smarties_38, Ariadne_38
- Track 112 : Jayden_31
- Track 113 : Quammi_26, Lonelysoil_27, Rudy_26, Jehoshaphat_30, Wayne3_29, Sillytadpoles_27, Phabia_28, Zhafia_30, Casend_29, Viceroy_27, Llemily_27, Wheelie_27, Teehee_29, DonaldDuck_27, Squash_30, StrawberryJamm_30, EverythinBagel_27, SallyK_29
- Track 114 : Zagie_28, Tissue_28, Grassboy_29, FrankDeliGuy_25, Kyva_30, Rowlf_24, Judebell_30, Namago_28
- Track 115 : Wilca_27, BirdInFrench_27
- Track 116 : Tempo_27, Romm_29, CandC_26, KillerQueen_28, Kelcole_26, OneinaGillian_27, RobinRose_29
- Track 117 : Hyperion_27, Blab_26, Mashley_26, BaconCheese_31, AluminumJesus_26, Gazebo_27, BabyDotz_27
- Track 118 : Statler_29
- Track 119 : Fransoyer_30, SadLad_32, RubyRalph_30
- Track 120 : Mentos_33

- Track 121 : Pepe25_26
- Track 122 : Nike_28
- Track 123 : WheelerS25_33
- Track 124 : Fregley_28
- Track 125 : SlySloth_30
- Track 126 : Marcie_32
- Track 127 : Phinky_34
- Track 128 : Altheas_30
- Track 129 : MorillMayhem_27, Mila11_31
- Track 130 : Fizzles_28
- Track 131 : Kozie_26
- Track 132 : Margaery_25, MementoMori_26
- Track 133 : Terij_26
- Track 134 : Cressida_27
- Track 135 : Cinna_25, Matzah_26
- Track 136 : KSunshine22_78, Ellewin_75, Emmetator_76, Artu_76, BooTeria_80, DunneganBoMo_73, WaddleDee_71
- Track 137 : Phrampa_77, Talia1610_83, FloraSnap32_83, Bloom_87, FrostedClock_86, Mimi_83, Patbob_84, GoldenEssence_69, Racecar_84
- Track 138 : Rockabye_85
- Track 139 : Chilliams_80
- Track 140 : SJReid_86
- Track 141 : Atuin_78, ReginaGlobina_83, LeoJr_83
- Track 142 : Panchaali_81, Stewart25555_74
- Track 143 : Boise_19
- Track 144 : RomansRevenge_19
- Track 145 : Rasputia_59
- Track 146 : Hendrix_60
- Track 147 : Laure_85
- Track 148 : MisoSoup_21
- Track 149 : Kithara_28
- Track 150 : Sunfish_35
- Track 151 : phiAsp2_16
- Track 152 : TurkishDelight_21
- Track 153 : Tonitrus_35
- Track 154 : FuzzBuster_34

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

The start number called the most often in the published annotations is 19, it was called in 307 of the 579 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

• ABU_18, AbsoluteMadLad_17, Adriana_18, Aelin_17, Ahwei_17, Aleia_18, AltPhacts_18, Altwerkus_17, Anderson_18, Andre_18, AngelCake_18, Antihero_17, Antonia_17, Aonishiki_18, Apex_18, Apizium_17, Ashraf_17, Austelle_19, Badfish_18, Banjo_17, Basato_19, BatteryCK_17, Beaglebox_17, BirdsNest_23, Bishoperium_17, BlackStallion_18, BlacksBerry_17, BlueHusk_18, Bluephacebaby_17, BobbyK_18, Boehler_18, BoogieWoogie_17, Brilliant_18, Buckeye_18, Burr_17, CRB2_22, CamL_18, CampRoach_18, Cannibal_18,

Carthage_17, Caspiroi_17, Chaelin_17, Chah_18, Charles1_18, CharlieGBrown_17, CheetO_18, Cher_17, Childish_17, Chipette_19, Chorkpop_18, ChrisnMich_17, Chuni_17, Chunky_18, Chute_17, Cobra_18, Colbert_18, Coletti_18, Cooper_18, Cornbread_17, Cornobble_17, Cosmolli16_17, Craff_18, Crownjwl_18, DaddyDaniels_18, Daffy_18, Daka_18, Dati_18, DelRivs_17, Derpp_17, Dice_17, Dingo_18, Dione_17, DirtJuice_18, Doddsville_18, DoesntMatter_18, DolOn_19, DonSancho_17, DuchessDung_17, Duggie_17, Durga_18, ElvisPhasley_18, Emiris_18, EmpTee_18, Epah_17, Eremos_18, Etaye_18, Eugenia_18, Fanaw_18, Fang_18, Flake_19, FleetyMac_17, FluffyNinja_18, Fortunato_18, Fozzie_17, Frankicide_18, Frederick_18, FremontTroll_18, Freya_17, FriarPreacher_18, Fringe_18, FugateOSU_17, Funsized_22, Gareth_17, GeneCoco_18, GinPorsche_17, Giraffe_18, Gophee_18, Grand2040_17, Gwennie1_18, Gwilliam_18, Gyarad_0018, HSavage_18, Haimas_18, Haleema_17, Hally898_17, Hamish_18, Happabalu_18, Hartsy_18, Harvey_18, Hashim76_23, Heath_18, Held_18, HenryJackson_17, Hertubise_18, Hetaeria_18, HighStump_17, Hocus_17, HogWash_17, Horchata_18, ImtiyazSitla_17, Invubu_15, Inchworm_18, Indlovu_18, Inverness_18, Iridessa_18, Iridoclysis_18, IsaacEli_18, JAMaL_18, JDog_17, JacAttac_18, JaguarMi_19, JakeO_17, JangoPhett_18, Jesabah_18, Jillium_17, Jiminy_17, Jiraiya_17, KLucky39_18, Kahve_17, Kailash_18, KarasumaRum_22, Katniss_18, Keitherie_18, Khan1_18, Kikipoo_18, Kimbrough_18, KingTut_17, KingVeVeVe_18, KlimbOn_18, Kloppinator_18, Knocker_22, Kwadwo_17, Kwksand96_17, Labeouficaum_17, Lambano_17, Larson_19, LasagnaCat_18, Lasso_18, LeeLot_18, Lego3393_18, Legolas_17, Lehmann_18, LeiMonet_18, LemonSlice_18, LiMcDreamy_18, LittleDigger_17, LittleMinkey_24, Longacauda_17, Lopsy_17, LostAndPhound_17, LuckyMarjie_17, Lulumae_17, Lulwa_18, Lumine_17, MRabcd_17, Mag7_17, Magic8_18, Mana_17, Manad_17, Maru_17, Maskar_17, Matalotodo_18, Mcshane_17, Mecca_17, Megamind20_18, Megatron_18, Melc17_18, MelsMeow_17, Mesh1_18, Mesmerelda_17, MichaelPhcott_17, Mikota_18, MiniBoss_18, MitKao_18, Morgushi_18, Morty_18, Mosaic_17, MrPhizzler_18, Mudslide_18, Mulan_17, Murdoc_18, Mutante_17, Nacho_0018, Nanao_17, Nathan_18, Newman_18, Nicole21_18, Numberten_18, Nyala_17, OSmaximus_18, Olak_17, Oline_17, Olive_18, OliverWalter_18, Omniscient_18, Oosterbaan_18, Orfeu_17, Orion_18, Orwigg_17, PG1_18, Pacifista_17, PallasAthena_18, PenguinLove67_21, Phamished_18, Phareon_18, PhatCats2014_18, PhatLouie_18, PhenghisKhan_17, Pherdinand_18, Phergie_17, Phipps_18, Phleuron_17, PhrankReynolds_17, PhrodoBaggins_17, Phunky_18, Piglet_0017, PinheadLarry_18, Pinkman_17, Pipsqueak_18, Placalicious_17, Plata_18, Plmatters_18, Podrick_18, Pops_18, Poster_17, Potter_17, Prickles_18, Prince_18, ProfessorX_18, Puhltonio_18, QueenBeane_18, QueenPie_18, Quesadilla_21, Quisquilliae_18, RawrgerThat_18, RedMaple_17, RedRaider89_18, Renkei_17, Ricotta_17, Riggan_18, Rimu_18, Rinkes_22, Riverton_17, Robyn_17, Roliet_18, Roscoe_19, Roy17_18, SDcharge11_18, Saguaro_20, SallyH_18, Samaymay_18, SassyCat97_17, Schadenfreude_17, Schueller_17, Scoot17C_18, Scrick_17, Selr12_18, Serendipity_18, Serpentine_0018, ShadowBud_18, Sheila_18, ShiVal_18, Sigman_18, SilverBell_18, Simielle_17, SirBeauregard_17, Skippy_18, Slatt_18, Soile_18, Solosis_17, Sophia_17, Soto_18, Spartan300_18, Squid_18, Squiggle_18, StinkyVeggy_22, Struggle_17, Suffolk_18, Surely_18, Swiphy_18, Swish_18, TallGrassMM_18, Telesworld_17, Thonko_19, Thora_18, ThreeOh3D2_18, Thunderbird_17, Timmi_17, TomBombadil_18, Tomlarah_18, Toni_17, Tonitrus_35, TooFast2Furius_19, Tooj_18, Triad_18, True_17, Trypo_18, TyrionL_17, UAch1_18, UncleHowie_18, Usavi_18, Vaishali24_17, Valjean_18, Vaticameos_18, Veritas_17, Virapocalypse_18, Virgeve_17, Vista_18, VivaIdi_18, Vortex_18, Wallhey_17, Waterdiva_18, Weher20_18, Windsor_17, Xavier_17,

Yoshand_18, YouGoGlencoco_18, Zaider_19, Zelda_18, Zenteno07_23, Zonia_18,

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

- Acadian_20, Baee_20, DigitDog_21, Donny_20, EastView9101_20, Mysterious_20, Nangang_20, Nehemiah_19, Phelemich_20, Reccee_21, Reprobate_20, Rich_20, Rita130_20, Serendipitous_20, Shenyu_20, SirJeffery_20, Suigeneris_20,

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

- APunk_26, AWGoat_22, Abblin_24, Abt2graduatex2_17, Affeca_23, Ailee_23, Ali17_22, Altheas_30, AluminumJesus_26, Angelicage_23, Antares_30, Ariadne_38, Arri_25, Artu_76, Ashertheman_24, Asis_16, Atuin_78, BabyDotz_27, BabyGotBac_16, BaconCheese_31, Baddon_23, Bakery_23, Barb_24, Barsten_24, Baumdotcom_23, BayC_16, BeagleBug_29, Beagle_30, Belphegor_21, BetaFish_29, Bibwit_24, BigHunkinEater_26, BirdInFrench_27, Bizzy_24, Blab_26, Bloom_87, BlueNGold_88, BobBob_21, Boise_19, BooTeria_80, Boopy_89, Brandonk123_25, BrazzalePHS_29, BruhMoment_24, Busephilis_29, CandC_26, Casend_29, ChadMasterC_23, Charming_21, CherryCola_26, Chickadee_23, Chilliams_80, Cinna_25, ClamChowder_24, ClearAsMud_32, Clown_26, CoveyB_24, Cranjis_31, CrazyRich_29, Cressida_27, Crisis_31, Danyall_24, Delrey21_24, Derg_19, Dextert_24, DoctorFroggo_24, DogYard_29, DonaldDuck_27, DunneganBoMo_73, EMOore_19, EarickHC_30, EdmundFerry_22, Egi03_22, Ellewin_75, Emmetator_76, Evamon_22, EverythinBagel_27, Fireball_23, Fireman_30, Fitzgerald_21, Fizzles_28, Flatwoods_24, FloraSnap32_83, Forrestell_26, Forza_89, Fosterous_21, FrankDeliGuy_25, Fransoyer_30, Fregley_28, FrostedClock_86, FuegoCuervo_26, Fugax_24, FuzzBuster_34, GMA2_18, GTE6_23, Gaea_23, Galadriel_25, Ganandorf_29, Gazebo_27, Geodirt_22, Gezellig_22, Glorp_31, GodonK_78, GoldenEssence_69, Grassboy_29, Gustavo_23, Halo3_23, Hans_26, Hendrix_60, Hermeonysus_29, Hive_29, Honeyfin_31, Hyperion_27, Inspectinfecti_25, JKSyngboy_22, Jabberwocky_21, Jambalaya_22, Jayden_31, Jefe_30, Jehoshaphat_30, Jollipop_30, Judebell_30, KSunshine22_78, KaiHaiDragon_30, Kamashten_24, Keitabear_25, Kelcole_26, Kewpiedoll_24, KillerQueen_28, KimmyK_24, Kithara_28, Kowalski_29, Kozie_26, Kroos_24, Kubulix_30, Kwekel_23, Kwobi_25, Kyva_30, Laure_85, Lennon_25, LeoJr_83, Leonard_24, LilHam_21, Lilbeanie_21, LittleFortune_31, Llemily_27, Lonelysoil_27, Love_25, Lucretia_30, Maih_16, Marcie_32, Mareelih_87, Margaery_25, Mashley_26, Matzah_26, McCrothy_24, McKinley_24, Megan_24, MelBins_25, MellowYellow_26, MementoMori_26, Mentos_33, Merry_, Metamorphoo_30, Mila11_31, Mimi_83, Mischief19_24, MisoSoup_21, MoontowerMania_22, MorillMayhem_27, Mutzi_24, Namago_28, Natkenzie_24, Nicole72_25, Nikan_24, Nike_28, NoodlelyBoi_30, Nordenberg_18, Nubi_22, NyleyClemson_25, Odyssey395_31, Ollypop_27, OneinaGillian_27, Onika_29, Panchaali_81, Paries_24, Paschalis_29, Patbob_84, Pepe25_26, Phabia_28, Phauci_17, PhedwardCullen_28, Phendrix_76, Phinally_24, Phinky_34, Phlop_22, Phorgeous_29, Phrampa_77, Phrancesco_30, PhuzzTulsa_27, PierreOrion_30, PinkCoffee_24, PiperSansNom_30, Piperis_30, Pointis_29, Popstraw_27, Portcullis_22, Pulchra_31, PullumCavea_22, Pumpkiney_26, Pureglobe5_31, Quammi_26, Quhwah_33, Racecar_84, RainyPolka_17, Ramiel05_29, Ranunculus_23, Rasputia_59, RazzB_25, ReginaGlobina_83, Ren19_22, Ribeye_24, RiverRaider_24, Rizwana_22, RoadKill_21, RobinRose_29, RobsFeet_31, Rockabye_85, Rockwell_29, Rofo_23, RogerDodger_25, RomansRevenge_19, Romm_29, Rowlf_24, RubyRalph_30, Rudy_26, SJReid_86, SadLad_32, Saletе_16, SallyK_29, Salvador_22, Sampson_24, Sanjuju_21, Saronaya_23, Savannah_29, Savbucketdawg_22, SchottB_22, Scioto_24, Scumberland_31, Sedona_25, Selwyn23_31, Shinji_22, Shivanishola_23,

Shotgun_29, Shrubaron_30, SilentRX_24, Sillytadpoles_27, SirFrank_29, Sitar_25, Sixama_83, SlySloth_30, Smarties_38, SmokingBunny_22, Squash_30, Statler_29, Stewart25555_74, StorminNorm_23, StrawberryJamm_30, Stultus_23, Sunfish_35, Sunny_, TP1604_16, Talia1610_83, Tangent_21, Tangerine_23, Tank_23, Tardus_25, Teehee_29, Tempo_27, Terij_26, Thing3_24, Tiamoceli_24, TillyBobJoe_22, Tissue_28, Togo_22, TurkishDelight_21, Twister6_24, Twonlo_21, Tycho_23, Tyumbra_28, Valary_25, VanDeWege_25, Verity_24, ViaConlectus_25, Viceroy_27, Vivi2_23, WaddleDee_71, Wayne3_29, WheelerS25_33, Wheelie_27, Wilca_27, Wilde_23, Wizard_22, Xkcd426_22, YDN12_17, Yeti_30, YorkOnyx_24, YungMoney_24, Zagie_28, Zapato_29, Zhafia_30, Zipp_24, Zitch_26, phiAsp2_16,

Summary by start number:

Start 9:

- Found in 19 of 682 (2.8%) of genes in pham
- Manual Annotations of this start: 10 of 579
- Called 89.5% of time when present
- Phage (with cluster) where this start called: Acadian_20 (B5), Baee_20 (B5), DigitDog_21 (B5), Donny_20 (B5), EastView9101_20 (B5), Mysterious_20 (B5), Nangang_20 (B5), Nehemiah_19 (B5), Phelemich_20 (B5), Reccee_21 (B5), Reprobate_20 (B5), Rich_20 (B5), Rita130_20 (B5), Serendipitous_20 (B5), Shenyu_20 (B5), SirJeffery_20 (B5), Suigeneris_20 (B5),

Start 12:

- Found in 27 of 682 (4.0%) of genes in pham
- Manual Annotations of this start: 19 of 579
- Called 100.0% of time when present
- Phage (with cluster) where this start called: AWGoat_22 (AP4), Beagle_30 (AP2), BetaFish_29 (AP2), Boise_19 (FT), BruhMoment_24 (AP3), DogYard_29 (AP2), Forrestell_26 (AP2), Hive_29 (AP2), Kithara_28 (singleton), Kubulix_30 (AP2), MellowYellow_26 (AP2), Nikan_24 (AP2), NyleyClemson_25 (AP2), Odyssey395_31 (AP2), Ollypop_27 (AP2), PhuzzTulsa_27 (AP2), Pointis_29 (AP2), Popstraw_27 (AP2), Pureglobe5_31 (AP2), Ranunculus_23 (AP), RazzB_25 (AP2), Ren19_22 (AP2), Rizwana_22 (AP1), RomansRevenge_19 (FT), SilentRX_24 (AP4), Tank_23 (AP1), Wilde_23 (AP1),

Start 13:

- Found in 1 of 682 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 579
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Sunfish_35 (singleton),

Start 14:

- Found in 1 of 682 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 579
- Called 100.0% of time when present
- Phage (with cluster) where this start called: FuzzBuster_34 (singleton),

Start 15:

- Found in 21 of 682 (3.1%) of genes in pham
- Manual Annotations of this start: 16 of 579
- Called 85.7% of time when present

- Phage (with cluster) where this start called: APunk_26 (DE4), Chickadee_23 (DE3), Delrey21_24 (DE4), Dextert_24 (DE3), DoctorFroggo_24 (DE4), EdmundFerry_22 (DE3), GTE6_23 (DE3), Gaea_23 (DE1), Kwekel_23 (DE3), RoadKill_21 (DE3), Sampson_24 (DE4), Tardus_25 (DE4), Tiamoceli_24 (DE3), Twonlo_21 (DE3), Tycho_23 (DE1), Verity_24 (DE4), YorkOnyx_24 (DE1), Zipp_24 (DE4),

Start 16:

- Found in 219 of 682 (32.1%) of genes in pham
- Manual Annotations of this start: 198 of 579
- Called 96.3% of time when present
- Phage (with cluster) where this start called: Affeca_23 (DE1), Ailee_23 (DE1), Ali17_22 (DE2), AluminumJesus_26 (EG), Angelicage_23 (DE1), Antares_30 (EC), Ariadne_38 (EC), Arri_25 (DC1), Ashertheman_24 (DE1), BabyDotz_27 (EG), BaconCheese_31 (EG), Baddon_23 (DE1), Bakery_23 (DC1), Barb_24 (DC1), Barsten_24 (DE1), Baumdotcom_23 (DE1), BeagleBug_29 (EC), Belphegor_21 (DE2), Bibwit_24 (DE1), BirdInFrench_27 (EG), Bizzy_24 (DE1), Blab_26 (EG), BobBob_21 (DE1), Brandonk123_25 (DE1), BrazzalePHS_29 (EC), Busephilis_29 (EC), CandC_26 (EG), Casend_29 (EG), ChadMasterC_23 (DE1), Charming_21 (DE1), CherryCola_26 (DC1), Cinna_25 (EI), ClamChowder_24 (DC1), ClearAsMud_32 (EC), Clown_26 (DC2), CoveyB_24 (DC1), Cranjis_31 (EC), CrazyRich_29 (EC), Cressida_27 (EI), Crisis_31 (EC), Danyall_24 (DC1), Derg_19 (DE1), DonaldDuck_27 (EG), EMOore_19 (DE2), EarickHC_30 (EC), Egi03_22 (DC1), Evamon_22 (DC1), EverythinBagel_27 (EG), Fireball_23 (DC1), Fireman_30 (EC), Fitzgerald_21 (DE1), Flatwoods_24 (DE1), Fosterous_21 (DE1), FrankDeIGuy_25 (EG), Fransoyer_30 (EG), Fregley_28 (EG), FuegoCuervo_26 (DE1), Fugax_24 (DC1), Galadriel_25 (DE1), Ganandorf_29 (EC), Gazebo_27 (EG), Geodirt_22 (DE1), Gezellig_22 (DC1), Glorp_31 (EC), Grassboy_29 (EG), Gustavo_23 (DE1), Halo3_23 (DC1), Hans_26 (DE2), Hendrix_60 (GC), Hermeonysus_29 (EC), Honeyfin_31 (EC), Hyperion_27 (EG), Inspectinfecti_25 (DE2), JKSyngboy_22 (DE1), Jabberwocky_21 (DE1), Jambalaya_22 (DC1), Jayden_31 (EC), Jefe_30 (EC), Jehoshaphat_30 (EG), Jollipop_30 (EC), Judebell_30 (EG), KaiHaiDragon_30 (EC), Kamashten_24 (DE1), Keitabear_25 (DE1), Kelcole_26 (EG), Kewpiedoll_24 (DE1), KillerQueen_28 (EG), KimmyK_24 (DC1), Kowalski_29 (EC), Kozie_26 (EI), Kroos_24 (DE1), Kwobi_25 (DE1), Kyva_30 (EG), Lennon_25 (DE1), Leonard_24 (DE2), LilHam_21 (DE1), Lilbeanie_21 (DE5), LittleFortune_31 (EC), Llemily_27 (EG), Lonelysoil_27 (EG), Love_25 (DE1), Lucretia_30 (EC), Marcie_32 (EG), Margaery_25 (EI), Mashley_26 (EG), Matzah_26 (EI), McCrothy_24 (DE1), McKinley_24 (DE1), Megan_24 (EC), MelBins_25 (DE2), MementoMori_26 (EI), Merry_24 (EC), Metamorphoo_30 (EC), MisoSoup_21 (UNK), MoontowerMania_22 (DE1), Mutzi_24 (DC1), Namago_28 (EG), Nicole72_25 (EC), Nike_28 (EG), NoodlelyBoi_30 (EC), Nordenberg_18 (DE1), Nubi_22 (DC1), OneinaGillian_27 (EG), Onika_29 (EC), Paries_24 (DE1), Paschalis_29 (EC), Pepe25_26 (EG), Phabia_28 (EG), Phauci_17 (DE2), PhedwardCullen_28 (EC), Phinally_24 (DE2), Phinky_34 (EG), Phlop_22 (DC1), Phorgeous_29 (EC), Phrancesco_30 (EC), PierreOrion_30 (EC), PinkCoffee_24 (DC1), PiperSansNom_30 (EC), Piperis_30 (EC), Portcullis_22 (DC1), Pulchra_31 (EC), PullumCavea_22 (DC1), Quammi_26 (EG), Quhwah_33 (EC), Ramiel05_29 (EC), Rasputia_59 (GC), Ribeye_24 (DE1), RiverRaider_24 (DE1), RobinRose_29 (EG), RobsFeet_31 (EC), Rockwell_29 (EC), Rofo_23 (DE1), RogerDodger_25 (DC1), Romm_29 (EG), Rowlf_24 (EG), RubyRalph_30 (EG), Rudy_26 (EG), SadLad_32 (EG), SallyK_29 (EG), Salvador_22 (DC1), Sanjuju_21 (DE1), Saronaya_23 (DE1), Savannah_29 (EC), Savbucketdawg_22 (DC1), SchottB_22 (DE1), Scumberland_31 (EC), Sedona_25 (DE1), Selwyn23_31 (EC), Shinji_22 (DC1), Shivanishola_23 (DE1), Shotgun_29 (EC), Shrubaron_30 (EC),

Sillytadpoles_27 (EG), SirFrank_29 (EC), Sitar_25 (DE1), Smarties_38 (EC), SmokingBunny_22 (DC1), Squash_30 (EG), Statler_29 (EG), StorminNorm_23 (DE1), StrawberryJamm_30 (EG), Stultus_23 (DE1), Sunny_ (EC), Tangent_21 (DE1), Tangerine_23 (DE1), Teehee_29 (EG), Tempo_27 (EG), Terij_26 (EI), Thing3_24 (DE1), TillyBobJoe_22 (DC1), Tissue_28 (EG), Togo_22 (DC1), TurkishDelight_21 (singleton), Twister6_24 (DC1), Tyumbra_28 (EC), Valary_25 (DC1), VanDeWege_25 (DC1), ViaConfectus_25 (DE4), Viceroy_27 (EG), Vivi2_23 (DE1), Wayne3_29 (EG), WheelerS25_33 (EG), Wheelie_27 (EG), Wilca_27 (EG), Wizard_22 (DC1), Yeti_30 (EC), YungMoney_24 (DC1), Zagie_28 (EG), Zapato_29 (EC), Zhafia_30 (EG), Zitch_26 (DE4),

Start 17:

- Found in 33 of 682 (4.8%) of genes in pham
- Manual Annotations of this start: 15 of 579
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Artu_76 (FC), Atuin_78 (FC), Bloom_87 (FC), BlueNGold_88 (DS), BooTeria_80 (FC), Boopy_89 (DS), Chilliams_80 (FC), DunneganBoMo_73 (FC), Ellewin_75 (FC), Emmetator_76 (FC), FloraSnap32_83 (FC), Forza_89 (DS), FrostedClock_86 (FC), GMA2_18 (DS), GodonK_78 (DK), GoldenEssence_69 (FC), KSunshine22_78 (FC), Laure_85 (UNK), LeoJr_83 (FC), Mareelih_87 (DS), Mimi_83 (FC), Panchaali_81 (FC), Patbob_84 (FC), Phendrix_76 (DK), Phrampa_77 (FC), Racecar_84 (FC), ReginaGlobina_83 (FC), Rockabye_85 (FC), SJReid_86 (FC), Sixama_83 (DS), Stewart25555_74 (FC), Talia1610_83 (FC), WaddleDee_71 (FC),

Start 18:

- Found in 13 of 682 (1.9%) of genes in pham
- Manual Annotations of this start: 12 of 579
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Abt2graduatex2_17 (BG), Asis_16 (BG), BabyGotBac_16 (BG), BayC_16 (BG), Fizzles_28 (EG), Maih_16 (BG), Mischief19_24 (BG), RainyPolka_17 (BG), Saleté_16 (BG), TP1604_16 (BG), Xkcd426_22 (BG), YDN12_17 (BG), phiAsp2_16 (singleton),

Start 19:

- Found in 368 of 682 (54.0%) of genes in pham
- Manual Annotations of this start: 307 of 579
- Called 95.4% of time when present
- Phage (with cluster) where this start called: ABU_18 (B1), AbsoluteMadLad_17 (B1), Adriana_18 (B1), Aelin_17 (B1), Ahwei_17 (B4), Aleia_18 (B1), AltPhacts_18 (B1), Altwerkus_17 (B1), Anderson_18 (B1), Andre_18 (B1), AngelCake_18 (B1), Antihero_17 (B4), Antonia_17 (B1), Aonishiki_18 (B1), Apex_18 (B4), Apizium_17 (B1), Ashraf_17 (B1), Austelle_19 (B4), Badfish_18 (B1), Banjo_17 (B1), Basato_19 (B1), BatteryCK_17 (B1), Beaglebox_17 (B1), BirdsNest_23 (B13), Bishoperium_17 (B1), BlackStallion_18 (B1), BlacksBerry_17 (B1), BlueHusk_18 (B1), Bluephacebaby_17 (B1), BobbyK_18 (B4), Boehler_18 (B1), BoogieWoogie_17 (B1), Brilliant_18 (B1), Buckeye_18 (B1), Burr_17 (B1), CRB2_22 (B9), CamL_18 (B1), CampRoach_18 (B1), Cannibal_18 (B1), Carthage_17 (B1), Caspiroi_17 (B1), Chaelin_17 (B1), Chah_18 (B1), Charles1_18 (B1), CharlieGBrown_17 (B1), CheetO_18 (B1), Cher_17 (B1), Childish_17 (B1), Chipette_19 (B1), Chorkpop_18 (B1), ChrisnMich_17 (B4), Chuni_17 (B1), Chunky_18 (B1), Chute_17 (B1), Cobra_18 (B1), Colbert_18 (B1), Coletti_18 (B1), Cooper_18 (B4), Cornbread_17 (B1), Cornobble_17 (B1), Cosmolli16_17 (B1), Craff_18 (B1), Crownjwl_18 (B1),

DaddyDaniels_18 (B1), Daffy_18 (B1), Daka_18 (B1), Dati_18 (B1), DelRivs_17 (B1), Derpp_17 (B1), Dice_17 (B1), Dingo_18 (B1), Dione_17 (B1), DirtJuice_18 (B1), Doddsville_18 (B1), DoesntMatter_18 (B1), DolOn_19 (B1), DonSancho_17 (B1), DuchessDung_17 (B1), Duggie_17 (B1), Durga_18 (B1), ElvisPhasley_18 (B1), Emiris_18 (B1), EmpTee_18 (B1), Epah_17 (B4), Eremos_18 (B1), Etaye_18 (B1), Eugenia_18 (B1), Fanaw_18 (B4), Fang_18 (B1), Flake_19 (B1), FleetyMac_17 (B1), FluffyNinja_18 (B1), Fortunato_18 (B4), Fozzie_17 (B1), Frankicide_18 (B1), Frederick_18 (B4), FremontTroll_18 (B1), Freya_17 (B1), FriarPreacher_18 (B1), Fringe_18 (B1), FugateOSU_17 (B1), Funsized_22 (B9), Gareth_17 (B1), GeneCoco_18 (B1), GinPorsche_17 (B4), Giraffe_18 (B1), Gophe_18 (B1), Grand2040_17 (B1), Gwennie1_18 (B1), Gwilliam_18 (B1), Gyarad_0018 (B1), HSavage_18 (B1), Haimas_18 (B1), Haleema_17 (B1), Hally898_17 (B4), Hamish_18 (B1), Happabalu_18 (B1), Hartsy_18 (B1), Harvey_18 (B1), Hashim76_23 (B13), Heath_18 (B4), Held_18 (B1), HenryJackson_17 (B1), Hertubise_18 (B1), Hetaeria_18 (B1), HighStump_17 (B1), Hocus_17 (B1), HogWash_17 (B1), Horchata_18 (B1), ImtiyazSitla_17 (B1), Imvubu_15 (B10), Inchworm_18 (B1), Indlovu_18 (B11), Inverness_18 (B1), Iridessa_18 (B1), Iridoclysis_18 (B1), IsaacEli_18 (B1), JAMaL_18 (B4), JDog_17 (B1), JacAttac_18 (B1), JaguarMi_19 (B4), JakeO_17 (B1), JangoPhett_18 (B1), Jesabah_18 (B1), Jillium_17 (B1), Jiminy_17 (B1), Jiraiya_17 (B1), KLUcky39_18 (B1), Kahve_17 (B1), Kailash_18 (B1), KarasumaRum_22 (B5), Katniss_18 (B1), Keitherie_18 (B1), Khan1_18 (B1), Kikipoo_18 (B1), Kimbrough_18 (B1), KingTut_17 (B1), KingVeVeVe_18 (B1), KlimbOn_18 (B1), Kloppinator_18 (B1), Knocker_22 (B9), Kwadwo_17 (B1), Kwksand96_17 (B1), Labeouficaum_17 (B1), Lambano_17 (B4), Larson_19 (B1), LasagnaCat_18 (B1), Lasso_18 (B1), LeeLot_18 (B1), Lego3393_18 (B1), Legolas_17 (B1), Lehmann_18 (B1), LeiMonet_18 (B1), LemonSlice_18 (B1), LilMcDreamy_18 (B12), LittleDigger_17 (B4), LittleMinkey_24 (B13), Longacauda_17 (B1), Lopsy_17 (B1), LostAndPhound_17 (B1), LuckyMarjie_17 (B1), Lulumae_17 (B1), Lulwa_18 (B1), Lumine_17 (B1), MRabcd_17 (B1), Mag7_17 (B1), Magic8_18 (B1), Mana_17 (B1), Manad_17 (B1), Maru_17 (B1), Maskar_17 (B1), Matalotodo_18 (B1), Mcshane_17 (B1), Mecca_17 (B1), Megamind20_18 (B1), Megatron_18 (B1), Melc17_18 (B1), MelsMeow_17 (B1), Mesh1_18 (B1), Mesmerelda_17 (B1), MichaelPhcott_17 (B1), Mikota_18 (B1), MiniBoss_18 (B1), MitKao_18 (B1), Morgushi_18 (B1), Morty_18 (B1), Mosaic_17 (B1), MrPhizzler_18 (B1), Mudslide_18 (B4), Mulan_17 (B1), Murdoc_18 (B1), Mutante_17 (B1), Nacho_0018 (B1), Nanao_17 (B4), Nathan_18 (B1), Newman_18 (B1), Nicole21_18 (B1), Numberten_18 (B1), Nyala_17 (B1), OSmaximus_18 (B1), Olak_17 (B1), Oline_17 (B1), Olive_18 (B1), OliverWalter_18 (B1), Omniscient_18 (B1), Oosterbaan_18 (B1), Orfeu_17 (B1), Orion_18 (B1), Orwigg_17 (B1), PG1_18 (B1), Pacifista_17 (B1), PallasAthena_18 (B1), Penguin Lover67_21 (B9), Phamished_18 (B1), Phareon_18 (B1), PhatCats2014_18 (B1), PhatLouie_18 (B1), PhenghisKhan_17 (B1), Pherdinand_18 (B1), Phergie_17 (B1), Phipps_18 (B1), Phleuron_17 (B1), PhrankReynolds_17 (B1), PhrodoBaggins_17 (B1), Phunky_18 (B1), Piglet_0017 (B1), PinheadLarry_18 (B1), Pinkman_17 (B1), Pipsqueak_18 (B1), Placalicious_17 (B1), Plata_18 (B1), Plmatters_18 (B1), Podrick_18 (B1), Pops_18 (B1), Poster_17 (B4), Potter_17 (B1), Prickles_18 (B1), Prince_18 (B4), ProfessorX_18 (B1), Puhltonio_18 (B1), QueenBeane_18 (B1), QueenPie_18 (B4), Quesadilla_21 (B9), Quisquillae_18 (B1), RawrgerThat_18 (B4), RedMaple_17 (B1), RedRaider89_18 (B1), Renkei_17 (B4), Ricotta_17 (B1), Riggan_18 (B1), Rimu_18 (B1), Rinkes_22 (B9), Riverton_17 (B1), Robyn_17 (B1), Roliet_18 (B1), Roscoe_19 (B1), Roy17_18 (B1), SDcharge11_18 (B1), Saguario_20 (B7), SallyH_18 (B1), Samaymay_18 (B1), SassyCat97_17 (B1), Schadenfreude_17 (B1), Schueller_17 (B1), Scoot17C_18 (B1), Scrick_17 (B1), Selr12_18 (B1), Serendipity_18 (B1), Serpentine_0018 (B1),

ShadowBud_18 (B1), Sheila_18 (B1), ShiVal_18 (B1), Sigman_18 (B1), SilverBell_18 (B1), Simielle_17 (B1), SirBeauregard_17 (B1), Skippy_18 (B1), Slatt_18 (B1), Soile_18 (B1), Solosis_17 (B1), Sophia_17 (B1), Soto_18 (B1), Spartan300_18 (B1), Squid_18 (B1), Squiggle_18 (B1), StinkyVeggy_22 (B5), Struggle_17 (B1), Suffolk_18 (B1), Surely_18 (B1), Swiphy_18 (B1), Swish_18 (B1), TallGrassMM_18 (B1), Telesworld_17 (B1), Thonko_19 (B8), Thora_18 (B1), ThreeOh3D2_18 (B1), Thunderbird_17 (B1), Timmi_17 (B1), TomBombadil_18 (B1), Tomlarah_18 (B1), Toni_17 (B1), Tonitrus_35 (singleton), TooFast2Furius_19 (B1), Tooj_18 (B1), Triad_18 (B1), True_17 (B1), Trypo_18 (B1), TyrionL_17 (B1), UAch1_18 (B1), UncleHowie_18 (B1), Usavi_18 (B1), Vaishali24_17 (B1), Valjean_18 (B1), Vaticameos_18 (B1), Veritas_17 (B1), Virapocalypse_18 (B1), Virgeve_17 (B1), Vista_18 (B1), Vivaldi_18 (B1), Vortex_18 (B1), Wallhey_17 (B1), Waterdiva_18 (B1), Weher20_18 (B1), Windsor_17 (B1), Xavier_17 (B1), Yoshand_18 (B1), YouGoGlencoco_18 (B1), Zaider_19 (B1), Zelda_18 (B1), Zenteno07_23 (B13), Zonia_18 (B1),

Start 22:

- Found in 52 of 682 (7.6%) of genes in pham
- No Manual Annotations of this start.
- Called 7.7% of time when present
- Phage (with cluster) where this start called: Altheas_30 (EG), Mila11_31 (EG), MorillMayhem_27 (EG), SlySloth_30 (EG),

Start 25:

- Found in 93 of 682 (13.6%) of genes in pham
- No Manual Annotations of this start.
- Called 2.2% of time when present
- Phage (with cluster) where this start called: Abblin_24 (DE4), Natkenzie_24 (DE4),

Start 28:

- Found in 26 of 682 (3.8%) of genes in pham
- No Manual Annotations of this start.
- Called 11.5% of time when present
- Phage (with cluster) where this start called: BigHunkinEater_26 (DE4), Pumpkiney_26 (DE4), Scioto_24 (DE4),

Start 40:

- Found in 54 of 682 (7.9%) of genes in pham
- No Manual Annotations of this start.
- Called 1.9% of time when present
- Phage (with cluster) where this start called: Mentos_33 (EG),

Summary by clusters:

There are 33 clusters represented in this pham: singleton, BG, FT, DK, AP2, AP3, AP1, AP4, FC, B12, B13, B10, B11, DS, EI, EG, EC, AP, GC, UNK, DC2, DC1, DE1, DE2, DE3, DE4, DE5, B4, B5, B7, B1, B8, B9,

Info for manual annotations of cluster AP:

- Start number 12 was manually annotated 1 time for cluster AP.

Info for manual annotations of cluster AP1:

- Start number 12 was manually annotated 3 times for cluster AP1.

Info for manual annotations of cluster AP2:

- Start number 12 was manually annotated 10 times for cluster AP2.

Info for manual annotations of cluster AP3:

- Start number 12 was manually annotated 1 time for cluster AP3.

Info for manual annotations of cluster AP4:

- Start number 12 was manually annotated 2 times for cluster AP4.

Info for manual annotations of cluster B1:

- Start number 19 was manually annotated 280 times for cluster B1.

Info for manual annotations of cluster B10:

- Start number 19 was manually annotated 1 time for cluster B10.

Info for manual annotations of cluster B11:

- Start number 19 was manually annotated 1 time for cluster B11.

Info for manual annotations of cluster B12:

- Start number 19 was manually annotated 1 time for cluster B12.

Info for manual annotations of cluster B13:

- Start number 19 was manually annotated 3 times for cluster B13.

Info for manual annotations of cluster B4:

- Start number 19 was manually annotated 12 times for cluster B4.

Info for manual annotations of cluster B5:

- Start number 9 was manually annotated 10 times for cluster B5.

Info for manual annotations of cluster B7:

- Start number 19 was manually annotated 1 time for cluster B7.

Info for manual annotations of cluster B8:

- Start number 19 was manually annotated 1 time for cluster B8.

Info for manual annotations of cluster B9:

- Start number 19 was manually annotated 6 times for cluster B9.

Info for manual annotations of cluster BG:

- Start number 18 was manually annotated 11 times for cluster BG.

Info for manual annotations of cluster DC1:

- Start number 16 was manually annotated 31 times for cluster DC1.

Info for manual annotations of cluster DC2:

- Start number 16 was manually annotated 1 time for cluster DC2.

Info for manual annotations of cluster DE1:

- Start number 15 was manually annotated 2 times for cluster DE1.
- Start number 16 was manually annotated 50 times for cluster DE1.

Info for manual annotations of cluster DE2:

- Start number 16 was manually annotated 9 times for cluster DE2.

Info for manual annotations of cluster DE3:

- Start number 15 was manually annotated 7 times for cluster DE3.

Info for manual annotations of cluster DE4:

- Start number 15 was manually annotated 7 times for cluster DE4.
- Start number 16 was manually annotated 2 times for cluster DE4.

Info for manual annotations of cluster DE5:

- Start number 16 was manually annotated 1 time for cluster DE5.

Info for manual annotations of cluster DK:

- Start number 17 was manually annotated 2 times for cluster DK.

Info for manual annotations of cluster DS:

- Start number 17 was manually annotated 5 times for cluster DS.

Info for manual annotations of cluster EC:

- Start number 16 was manually annotated 45 times for cluster EC.

Info for manual annotations of cluster EG:

- Start number 16 was manually annotated 49 times for cluster EG.
- Start number 18 was manually annotated 1 time for cluster EG.

Info for manual annotations of cluster EI:

- Start number 16 was manually annotated 7 times for cluster EI.

Info for manual annotations of cluster FC:

- Start number 17 was manually annotated 8 times for cluster FC.

Info for manual annotations of cluster FT:

- Start number 12 was manually annotated 1 time for cluster FT.

Info for manual annotations of cluster GC:

- Start number 16 was manually annotated 2 times for cluster GC.

Gene Information:

Gene: ABU_18 Start: 14691, Stop: 15491, Start Num: 19

Candidate Starts for ABU_18:

(Start: 19 @14691 has 307 MA's), (30, 14754), (41, 14811), (42, 14820), (43, 14823), (57, 14919), (63, 14955), (84, 15072), (105, 15204), (109, 15219), (113, 15240), (116, 15270), (137, 15339), (147, 15390), (153, 15411), (163, 15465), (164, 15468),

Gene: APunk_26 Start: 19712, Stop: 20398, Start Num: 15

Candidate Starts for APunk_26:

(Start: 15 @19712 has 16 MA's), (25, 19751), (28, 19766), (39, 19826), (80, 20081), (140, 20348), (146, 20384),

Gene: AWGoat_22 Start: 16832, Stop: 17728, Start Num: 12

Candidate Starts for AWGoat_22:

(Start: 12 @16832 has 19 MA's), (25, 16874), (27, 16886), (35, 16928), (43, 16973), (47, 17006), (55, 17063), (71, 17144), (77, 17189), (80, 17207), (100, 17273), (104, 17291), (109, 17318), (123, 17390), (134, 17414), (156, 17522),

Gene: Abblin_24 Start: 18964, Stop: 19614, Start Num: 25

Candidate Starts for Abblin_24:

(5, 18841), (6, 18868), (Start: 15 @18925 has 16 MA's), (25, 18964), (28, 18979), (39, 19039), (80, 19294), (140, 19561), (146, 19597),

Gene: AbsoluteMadLad_17 Start: 14695, Stop: 15495, Start Num: 19

Candidate Starts for AbsoluteMadLad_17:

(Start: 19 @14695 has 307 MA's), (30, 14758), (41, 14815), (42, 14824), (43, 14827), (57, 14923), (63, 14959), (84, 15076), (105, 15208), (109, 15223), (113, 15244), (116, 15274), (137, 15343), (147, 15394), (153, 15415), (163, 15469), (164, 15472),

Gene: Abt2graduatex2_17 Start: 17436, Stop: 18131, Start Num: 18

Candidate Starts for Abt2graduatex2_17:

(Start: 18 @17436 has 12 MA's), (24, 17466), (25, 17469), (28, 17484), (37, 17526), (38, 17538), (41, 17553), (43, 17565), (44, 17571), (50, 17619), (63, 17697), (73, 17742), (83, 17808), (96, 17868), (110, 17928), (124, 18009), (129, 18021), (137, 18057), (140, 18066),

Gene: Acadian_20 Start: 16504, Stop: 17340, Start Num: 9

Candidate Starts for Acadian_20:

(2, 16393), (Start: 9 @16504 has 10 MA's), (Start: 19 @16537 has 307 MA's), (37, 16630), (39, 16645), (40, 16651), (42, 16666), (43, 16669), (45, 16687), (63, 16801), (113, 17086), (116, 17116), (132, 17155), (137, 17185), (153, 17257),

Gene: Adriana_18 Start: 14693, Stop: 15493, Start Num: 19

Candidate Starts for Adriana_18:

(Start: 19 @14693 has 307 MA's), (30, 14756), (41, 14813), (42, 14822), (43, 14825), (57, 14921), (63, 14957), (84, 15074), (105, 15206), (109, 15221), (113, 15242), (116, 15272), (137, 15341), (147, 15392), (153, 15413), (163, 15467), (164, 15470),

Gene: Aelin_17 Start: 14258, Stop: 15058, Start Num: 19

Candidate Starts for Aelin_17:

(Start: 19 @14258 has 307 MA's), (30, 14321), (41, 14378), (42, 14387), (43, 14390), (57, 14486), (63, 14522), (84, 14639), (105, 14771), (109, 14786), (113, 14807), (116, 14837), (137, 14906), (147, 14957), (153, 14978), (163, 15032), (164, 15035),

Gene: Affeca_23 Start: 18821, Stop: 19516, Start Num: 16

Candidate Starts for Affeca_23:

(Start: 16 @18821 has 198 MA's), (20, 18830), (25, 18860), (41, 18947), (52, 19022), (73, 19136), (80, 19193), (82, 19205), (88, 19226), (117, 19379), (124, 19403), (146, 19496), (150, 19511),

Gene: Ahwei_17 Start: 15373, Stop: 16179, Start Num: 19

Candidate Starts for Ahwei_17:

(Start: 19 @15373 has 307 MA's), (30, 15436), (42, 15502), (43, 15505), (45, 15523), (60, 15616), (63, 15637), (69, 15658), (91, 15793), (105, 15886), (116, 15952), (129, 15985), (131, 15988), (137, 16021), (147, 16072), (153, 16093), (164, 16150),

Gene: Ailee_23 Start: 18735, Stop: 19430, Start Num: 16

Candidate Starts for Ailee_23:

(Start: 16 @18735 has 198 MA's), (20, 18744), (25, 18774), (41, 18861), (52, 18936), (73, 19050), (80, 19107), (82, 19119), (88, 19140), (117, 19293), (146, 19410), (150, 19425),

Gene: Aleia_18 Start: 14272, Stop: 15072, Start Num: 19

Candidate Starts for Aleia_18:

(Start: 19 @14272 has 307 MA's), (30, 14335), (41, 14392), (42, 14401), (43, 14404), (57, 14500), (63, 14536), (84, 14653), (105, 14785), (109, 14800), (113, 14821), (116, 14851), (137, 14920), (147, 14971), (163, 15046), (164, 15049),

Gene: Ali17_22 Start: 18134, Stop: 18820, Start Num: 16

Candidate Starts for Ali17_22:

(Start: 16 @18134 has 198 MA's), (25, 18173), (30, 18203), (41, 18260), (60, 18383), (63, 18404), (73, 18449), (80, 18503), (116, 18686), (118, 18692), (140, 18770), (142, 18776),

Gene: AltPhacts_18 Start: 14688, Stop: 15488, Start Num: 19

Candidate Starts for AltPhacts_18:

(Start: 19 @14688 has 307 MA's), (30, 14751), (41, 14808), (42, 14817), (43, 14820), (57, 14916), (63, 14952), (84, 15069), (105, 15201), (109, 15216), (113, 15237), (116, 15267), (137, 15336), (147, 15387), (153, 15408), (163, 15462), (164, 15465),

Gene: Altheas_30 Start: 17688, Stop: 18611, Start Num: 22

Candidate Starts for Altheas_30:

(Start: 16 @17664 has 198 MA's), (22, 17688), (31, 17736), (32, 17739), (104, 18150), (116, 18231), (117, 18234), (137, 18300), (147, 18351), (157, 18390), (162, 18420), (170, 18456), (173, 18492), (181, 18579),

Gene: Altwerkus_17 Start: 14388, Stop: 15188, Start Num: 19

Candidate Starts for Altwerkus_17:

(Start: 19 @14388 has 307 MA's), (30, 14451), (41, 14508), (42, 14517), (43, 14520), (57, 14616), (63, 14652), (84, 14769), (105, 14901), (109, 14916), (113, 14937), (116, 14967), (137, 15036), (147, 15087), (153, 15108), (163, 15162), (164, 15165),

Gene: AluminumJesus_26 Start: 17022, Stop: 17969, Start Num: 16

Candidate Starts for AluminumJesus_26:

(Start: 16 @17022 has 198 MA's), (22, 17046), (31, 17094), (40, 17142), (116, 17589), (117, 17592), (147, 17709), (170, 17814),

Gene: Anderson_18 Start: 14684, Stop: 15484, Start Num: 19

Candidate Starts for Anderson_18:

(Start: 19 @14684 has 307 MA's), (30, 14747), (41, 14804), (42, 14813), (43, 14816), (57, 14912), (63, 14948), (84, 15065), (105, 15197), (109, 15212), (113, 15233), (116, 15263), (137, 15332), (147, 15383), (153, 15404), (163, 15458), (164, 15461),

Gene: Andre_18 Start: 14682, Stop: 15482, Start Num: 19

Candidate Starts for Andre_18:

(Start: 19 @14682 has 307 MA's), (30, 14745), (41, 14802), (42, 14811), (43, 14814), (57, 14910), (63, 14946), (84, 15063), (105, 15195), (109, 15210), (113, 15231), (116, 15261), (137, 15330), (147, 15381), (153, 15402), (163, 15456), (164, 15459),

Gene: AngelCake_18 Start: 14696, Stop: 15496, Start Num: 19

Candidate Starts for AngelCake_18:

(Start: 19 @14696 has 307 MA's), (30, 14759), (41, 14816), (42, 14825), (43, 14828), (57, 14924), (63, 14960), (84, 15077), (105, 15209), (109, 15224), (113, 15245), (116, 15275), (137, 15344), (147, 15395), (153, 15416), (163, 15470), (164, 15473),

Gene: Angelicage_23 Start: 19244, Stop: 19939, Start Num: 16

Candidate Starts for Angelicage_23:

(Start: 16 @19244 has 198 MA's), (20, 19253), (25, 19283), (41, 19370), (52, 19445), (73, 19559), (80, 19616), (82, 19628), (88, 19649), (117, 19802), (124, 19826), (146, 19919), (150, 19934),

Gene: Antares_30 Start: 17515, Stop: 18195, Start Num: 16

Candidate Starts for Antares_30:

(Start: 16 @17515 has 198 MA's), (34, 17602), (39, 17626), (49, 17701), (52, 17713), (60, 17761), (72, 17821), (96, 17950), (100, 17962), (109, 18010), (116, 18064), (137, 18124), (152, 18184),

Gene: Antihero_17 Start: 15373, Stop: 16179, Start Num: 19

Candidate Starts for Antihero_17:

(Start: 19 @15373 has 307 MA's), (30, 15436), (42, 15502), (43, 15505), (45, 15523), (60, 15616), (63, 15637), (69, 15658), (91, 15793), (105, 15886), (116, 15952), (129, 15985), (131, 15988), (137, 16021), (147, 16072), (153, 16093), (164, 16150),

Gene: Antonia_17 Start: 14258, Stop: 15058, Start Num: 19

Candidate Starts for Antonia_17:

(Start: 19 @14258 has 307 MA's), (30, 14321), (41, 14378), (42, 14387), (43, 14390), (57, 14486), (63, 14522), (84, 14639), (105, 14771), (109, 14786), (113, 14807), (116, 14837), (137, 14906), (147, 14957), (153, 14978), (163, 15032), (164, 15035),

Gene: Aonishiki_18 Start: 14714, Stop: 15514, Start Num: 19

Candidate Starts for Aonishiki_18:

(Start: 19 @14714 has 307 MA's), (30, 14777), (41, 14834), (42, 14843), (43, 14846), (57, 14942), (63, 14978), (84, 15095), (105, 15227), (109, 15242), (113, 15263), (116, 15293), (137, 15362), (147, 15413), (153, 15434), (163, 15488), (164, 15491),

Gene: Apex_18 Start: 16618, Stop: 17424, Start Num: 19

Candidate Starts for Apex_18:

(Start: 19 @16618 has 307 MA's), (30, 16681), (42, 16747), (43, 16750), (45, 16768), (60, 16861), (63, 16882), (69, 16903), (80, 16981), (91, 17038), (105, 17131), (131, 17233), (137, 17266), (141, 17278), (142, 17281), (147, 17317),

Gene: Apizium_17 Start: 14428, Stop: 15228, Start Num: 19

Candidate Starts for Apizium_17:

(Start: 19 @14428 has 307 MA's), (30, 14491), (41, 14548), (42, 14557), (43, 14560), (57, 14656), (63, 14692), (84, 14809), (105, 14941), (109, 14956), (113, 14977), (116, 15007), (137, 15076), (147, 15127), (153, 15148), (163, 15202), (164, 15205),

Gene: Ariadne_38 Start: 19203, Stop: 19883, Start Num: 16

Candidate Starts for Ariadne_38:

(Start: 16 @19203 has 198 MA's), (31, 19275), (34, 19290), (39, 19314), (49, 19389), (52, 19401), (55, 19428), (60, 19449), (72, 19509), (96, 19638), (100, 19650), (109, 19698), (116, 19752), (137, 19812),

Gene: Arri_25 Start: 15837, Stop: 16523, Start Num: 16

Candidate Starts for Arri_25:

(Start: 16 @15837 has 198 MA's), (37, 15936), (63, 16107), (64, 16110), (85, 16230), (137, 16461),

Gene: Artu_76 Start: 47130, Stop: 47774, Start Num: 17

Candidate Starts for Artu_76:

(Start: 17 @47130 has 15 MA's), (32, 47205), (39, 47244), (63, 47400), (98, 47580), (125, 47703),

Gene: Ashertheman_24 Start: 18310, Stop: 19005, Start Num: 16

Candidate Starts for Ashertheman_24:

(6, 18250), (Start: 16 @18310 has 198 MA's), (25, 18349), (52, 18511), (80, 18682), (82, 18694), (146, 18985), (150, 19000),

Gene: Ashraf_17 Start: 14246, Stop: 15046, Start Num: 19

Candidate Starts for Ashraf_17:

(Start: 19 @14246 has 307 MA's), (30, 14309), (41, 14366), (42, 14375), (43, 14378), (57, 14474), (63, 14510), (84, 14627), (105, 14759), (109, 14774), (113, 14795), (116, 14825), (137, 14894), (147, 14945), (153, 14966), (163, 15020), (164, 15023),

Gene: Asis_16 Start: 16946, Stop: 17644, Start Num: 18

Candidate Starts for Asis_16:

(Start: 18 @16946 has 12 MA's), (24, 16976), (28, 16994), (37, 17036), (38, 17048), (41, 17063), (43, 17075), (60, 17186), (63, 17207), (73, 17252), (83, 17318), (93, 17363), (110, 17438), (116, 17486), (117, 17489), (124, 17519), (129, 17531), (137, 17567), (152, 17633),

Gene: Atuin_78 Start: 49765, Stop: 50412, Start Num: 17

Candidate Starts for Atuin_78:

(Start: 17 @49765 has 15 MA's), (63, 50035), (98, 50215), (121, 50326),

Gene: Austelle_19 Start: 17074, Stop: 17880, Start Num: 19

Candidate Starts for Austelle_19:

(Start: 19 @17074 has 307 MA's), (30, 17137), (42, 17203), (43, 17206), (45, 17224), (60, 17317), (63, 17338), (69, 17359), (80, 17437), (91, 17494), (105, 17587), (131, 17689), (137, 17722), (141, 17734), (142, 17737), (147, 17773),

Gene: BabyDotz_27 Start: 17291, Stop: 18238, Start Num: 16

Candidate Starts for BabyDotz_27:

(Start: 16 @17291 has 198 MA's), (22, 17315), (31, 17363), (40, 17411), (116, 17858), (117, 17861), (147, 17978), (170, 18083),

Gene: BabyGotBac_16 Start: 16946, Stop: 17644, Start Num: 18

Candidate Starts for BabyGotBac_16:

(Start: 18 @16946 has 12 MA's), (24, 16976), (28, 16994), (37, 17036), (38, 17048), (41, 17063), (43, 17075), (60, 17186), (63, 17207), (73, 17252), (83, 17318), (93, 17363), (110, 17438), (116, 17486), (117, 17489), (124, 17519), (129, 17531), (137, 17567), (152, 17633),

Gene: BaconCheese_31 Start: 18540, Stop: 19487, Start Num: 16

Candidate Starts for BaconCheese_31:

(Start: 16 @18540 has 198 MA's), (22, 18564), (31, 18612), (40, 18660), (116, 19107), (117, 19110), (147, 19227), (170, 19332),

Gene: Baddon_23 Start: 19126, Stop: 19821, Start Num: 16

Candidate Starts for Baddon_23:

(Start: 16 @19126 has 198 MA's), (25, 19165), (52, 19327), (80, 19498), (82, 19510), (117, 19684), (146, 19801), (150, 19816),

Gene: Badfish_18 Start: 14717, Stop: 15517, Start Num: 19

Candidate Starts for Badfish_18:

(Start: 19 @14717 has 307 MA's), (30, 14780), (41, 14837), (42, 14846), (43, 14849), (57, 14945), (63, 14981), (84, 15098), (105, 15230), (109, 15245), (113, 15266), (116, 15296), (137, 15365), (147, 15416), (153, 15437), (163, 15491), (164, 15494),

Gene: Baee_20 Start: 16638, Stop: 17474, Start Num: 9

Candidate Starts for Baee_20:

(1, 16467), (Start: 9 @16638 has 10 MA's), (Start: 19 @16671 has 307 MA's), (37, 16764), (39, 16779), (42, 16800), (43, 16803), (45, 16821), (63, 16935), (113, 17220), (116, 17250), (137, 17319), (147, 17370), (153, 17391),

Gene: Bakery_23 Start: 15025, Stop: 15711, Start Num: 16

Candidate Starts for Bakery_23:

(Start: 16 @15025 has 198 MA's), (37, 15124), (63, 15295), (64, 15298), (115, 15559), (124, 15601), (136, 15646), (137, 15649),

Gene: Banjo_17 Start: 14395, Stop: 15195, Start Num: 19

Candidate Starts for Banjo_17:

(Start: 19 @14395 has 307 MA's), (30, 14458), (41, 14515), (42, 14524), (43, 14527), (57, 14623), (63, 14659), (84, 14776), (105, 14908), (109, 14923), (113, 14944), (116, 14974), (137, 15043), (147, 15094), (153, 15115), (163, 15169), (164, 15172),

Gene: Barb_24 Start: 15824, Stop: 16510, Start Num: 16

Candidate Starts for Barb_24:

(Start: 16 @15824 has 198 MA's), (37, 15923), (63, 16094), (64, 16097), (85, 16217), (136, 16445), (137, 16448),

Gene: Barsten_24 Start: 18741, Stop: 19436, Start Num: 16

Candidate Starts for Barsten_24:

(Start: 16 @18741 has 198 MA's), (20, 18750), (25, 18780), (41, 18867), (52, 18942), (60, 18990), (73, 19056), (80, 19113), (82, 19125), (88, 19146), (117, 19299), (146, 19416), (150, 19431),

Gene: Basato_19 Start: 14921, Stop: 15721, Start Num: 19

Candidate Starts for Basato_19:

(Start: 19 @14921 has 307 MA's), (30, 14984), (41, 15041), (42, 15050), (43, 15053), (57, 15149), (63, 15185), (84, 15302), (105, 15434), (109, 15449), (113, 15470), (116, 15500), (137, 15569), (147, 15620), (153, 15641), (163, 15695), (164, 15698),

Gene: BatteryCK_17 Start: 14252, Stop: 15052, Start Num: 19

Candidate Starts for BatteryCK_17:

(Start: 19 @14252 has 307 MA's), (30, 14315), (41, 14372), (42, 14381), (43, 14384), (57, 14480), (63, 14516), (84, 14633), (105, 14765), (109, 14780), (113, 14801), (116, 14831), (137, 14900), (147, 14951), (163, 15026), (164, 15029),

Gene: Baumdotcom_23 Start: 17926, Stop: 18621, Start Num: 16

Candidate Starts for Baumdotcom_23:

(6, 17866), (Start: 16 @17926 has 198 MA's), (25, 17965), (52, 18127), (80, 18298), (82, 18310), (146, 18601), (150, 18616),

Gene: BayC_16 Start: 16946, Stop: 17644, Start Num: 18

Candidate Starts for BayC_16:

(Start: 18 @16946 has 12 MA's), (24, 16976), (28, 16994), (37, 17036), (38, 17048), (41, 17063), (43, 17075), (60, 17186), (63, 17207), (73, 17252), (83, 17318), (93, 17363), (110, 17438), (116, 17486),

(117, 17489), (124, 17519), (129, 17531), (137, 17567), (152, 17633),

Gene: Beagle_30 Start: 17252, Stop: 18172, Start Num: 12

Candidate Starts for Beagle_30:

(Start: 12 @17252 has 19 MA's), (35, 17351), (37, 17357), (38, 17369), (41, 17384), (60, 17507), (69, 17549), (77, 17612), (96, 17708), (101, 17723), (111, 17774), (138, 17888), (140, 17894), (144, 17912), (146, 17930), (159, 17996), (177, 18092),

Gene: BeagleBug_29 Start: 17296, Stop: 17976, Start Num: 16

Candidate Starts for BeagleBug_29:

(Start: 16 @17296 has 198 MA's), (34, 17383), (39, 17407), (49, 17482), (52, 17494), (60, 17542), (72, 17602), (96, 17731), (100, 17743), (109, 17791), (116, 17845), (137, 17905), (152, 17965),

Gene: Beaglebox_17 Start: 14412, Stop: 15212, Start Num: 19

Candidate Starts for Beaglebox_17:

(Start: 19 @14412 has 307 MA's), (30, 14475), (41, 14532), (42, 14541), (43, 14544), (57, 14640), (63, 14676), (84, 14793), (105, 14925), (109, 14940), (113, 14961), (116, 14991), (137, 15060), (147, 15111), (153, 15132), (163, 15186), (164, 15189),

Gene: Belphegor_21 Start: 17203, Stop: 17895, Start Num: 16

Candidate Starts for Belphegor_21:

(Start: 16 @17203 has 198 MA's), (25, 17242), (41, 17329), (73, 17518), (80, 17572), (116, 17755), (140, 17839), (142, 17845), (146, 17875),

Gene: BetaFish_29 Start: 17455, Stop: 18375, Start Num: 12

Candidate Starts for BetaFish_29:

(Start: 12 @17455 has 19 MA's), (35, 17554), (37, 17560), (38, 17572), (41, 17587), (60, 17710), (69, 17752), (77, 17815), (96, 17911), (101, 17926), (111, 17977), (138, 18091), (140, 18097), (144, 18115), (146, 18133), (159, 18199), (177, 18295),

Gene: Bibwit_24 Start: 18983, Stop: 19678, Start Num: 16

Candidate Starts for Bibwit_24:

(Start: 16 @18983 has 198 MA's), (20, 18992), (25, 19022), (41, 19109), (52, 19184), (60, 19232), (80, 19355), (82, 19367), (88, 19388), (117, 19541), (146, 19658), (150, 19673),

Gene: BigHunkinEater_26 Start: 18148, Stop: 18783, Start Num: 28

Candidate Starts for BigHunkinEater_26:

(5, 18010), (6, 18037), (10, 18073), (Start: 16 @18094 has 198 MA's), (25, 18133), (28, 18148), (39, 18208), (80, 18463), (140, 18730), (146, 18766),

Gene: BirdInFrench_27 Start: 16100, Stop: 17041, Start Num: 16

Candidate Starts for BirdInFrench_27:

(Start: 16 @16100 has 198 MA's), (26, 16145), (37, 16199), (76, 16439), (117, 16667), (142, 16745), (147, 16781), (158, 16835), (179, 16979), (182, 17021),

Gene: BirdsNest_23 Start: 15668, Stop: 16468, Start Num: 19

Candidate Starts for BirdsNest_23:

(Start: 19 @15668 has 307 MA's), (30, 15731), (42, 15797), (43, 15800), (60, 15911), (63, 15932), (84, 16049), (91, 16088), (137, 16316), (149, 16373),

Gene: Bishoperium_17 Start: 14401, Stop: 15201, Start Num: 19

Candidate Starts for Bishoperium_17:

(Start: 19 @14401 has 307 MA's), (30, 14464), (41, 14521), (42, 14530), (43, 14533), (57, 14629), (63, 14665), (84, 14782), (105, 14914), (109, 14929), (113, 14950), (116, 14980), (137, 15049), (147, 15100), (153, 15121), (163, 15175), (164, 15178),

Gene: Bizzy_24 Start: 18277, Stop: 18972, Start Num: 16

Candidate Starts for Bizzy_24:

(Start: 16 @18277 has 198 MA's), (25, 18316), (52, 18478), (80, 18649), (82, 18661), (117, 18835), (146, 18952), (150, 18967),

Gene: Blab_26 Start: 16947, Stop: 17894, Start Num: 16

Candidate Starts for Blab_26:

(Start: 16 @16947 has 198 MA's), (22, 16971), (31, 17019), (40, 17067), (116, 17514), (117, 17517), (147, 17634), (170, 17739),

Gene: BlackStallion_18 Start: 14703, Stop: 15503, Start Num: 19

Candidate Starts for BlackStallion_18:

(Start: 19 @14703 has 307 MA's), (30, 14766), (41, 14823), (42, 14832), (43, 14835), (57, 14931), (63, 14967), (84, 15084), (105, 15216), (109, 15231), (113, 15252), (116, 15282), (137, 15351), (147, 15402), (153, 15423), (163, 15477), (164, 15480),

Gene: BlacksBerry_17 Start: 14406, Stop: 15206, Start Num: 19

Candidate Starts for BlacksBerry_17:

(Start: 19 @14406 has 307 MA's), (30, 14469), (41, 14526), (42, 14535), (43, 14538), (57, 14634), (63, 14670), (84, 14787), (105, 14919), (109, 14934), (113, 14955), (116, 14985), (137, 15054), (147, 15105), (153, 15126), (163, 15180), (164, 15183),

Gene: Bloom_87 Start: 51166, Stop: 51822, Start Num: 17

Candidate Starts for Bloom_87:

(Start: 17 @51166 has 15 MA's), (48, 51349), (63, 51436), (98, 51616), (105, 51652), (106, 51655),

Gene: BlueHusk_18 Start: 14684, Stop: 15484, Start Num: 19

Candidate Starts for BlueHusk_18:

(Start: 19 @14684 has 307 MA's), (30, 14747), (41, 14804), (42, 14813), (43, 14816), (57, 14912), (63, 14948), (84, 15065), (105, 15197), (109, 15212), (113, 15233), (116, 15263), (137, 15332), (147, 15383), (153, 15404), (163, 15458), (164, 15461),

Gene: BlueNGold_88 Start: 44419, Stop: 45063, Start Num: 17

Candidate Starts for BlueNGold_88:

(Start: 17 @44419 has 15 MA's), (26, 44461), (39, 44530), (98, 44866), (104, 44890), (105, 44902), (106, 44905), (114, 44944),

Gene: Bluephacebaby_17 Start: 14401, Stop: 15201, Start Num: 19

Candidate Starts for Bluephacebaby_17:

(Start: 19 @14401 has 307 MA's), (30, 14464), (41, 14521), (42, 14530), (43, 14533), (57, 14629), (63, 14665), (84, 14782), (105, 14914), (109, 14929), (113, 14950), (116, 14980), (137, 15049), (147, 15100), (153, 15121), (163, 15175), (164, 15178),

Gene: BobBob_21 Start: 17644, Stop: 18339, Start Num: 16

Candidate Starts for BobBob_21:

(Start: 16 @17644 has 198 MA's), (20, 17653), (25, 17683), (41, 17770), (52, 17845), (73, 17959), (80, 18016), (82, 18028), (88, 18049), (117, 18202), (124, 18226), (146, 18319), (150, 18334),

Gene: BobbyK_18 Start: 16437, Stop: 17243, Start Num: 19

Candidate Starts for BobbyK_18:

(Start: 19 @16437 has 307 MA's), (30, 16500), (42, 16566), (43, 16569), (45, 16587), (60, 16680), (63, 16701), (69, 16722), (80, 16800), (91, 16857), (105, 16950), (131, 17052), (137, 17085), (141, 17097), (142, 17100), (147, 17136),

Gene: Boehler_18 Start: 14711, Stop: 15511, Start Num: 19

Candidate Starts for Boehler_18:

(Start: 19 @14711 has 307 MA's), (30, 14774), (41, 14831), (42, 14840), (43, 14843), (57, 14939), (63, 14975), (84, 15092), (105, 15224), (109, 15239), (113, 15260), (116, 15290), (137, 15359), (147, 15410), (153, 15431), (163, 15485), (164, 15488),

Gene: Boise_19 Start: 14509, Stop: 15429, Start Num: 12

Candidate Starts for Boise_19:

(Start: 12 @14509 has 19 MA's), (77, 14866), (88, 14914), (111, 15028), (116, 15073), (134, 15115), (137, 15139), (138, 15142), (144, 15166), (147, 15190), (161, 15253), (170, 15283), (177, 15343),

Gene: BooTeria_80 Start: 47198, Stop: 47842, Start Num: 17

Candidate Starts for BooTeria_80:

(Start: 17 @47198 has 15 MA's), (32, 47273), (39, 47312), (63, 47468), (98, 47648), (125, 47771),

Gene: BoogieWoogie_17 Start: 14388, Stop: 15188, Start Num: 19

Candidate Starts for BoogieWoogie_17:

(Start: 19 @14388 has 307 MA's), (30, 14451), (41, 14508), (42, 14517), (43, 14520), (57, 14616), (63, 14652), (84, 14769), (105, 14901), (109, 14916), (113, 14937), (116, 14967), (137, 15036), (147, 15087), (153, 15108), (163, 15162), (164, 15165),

Gene: Boopy_89 Start: 44431, Stop: 45075, Start Num: 17

Candidate Starts for Boopy_89:

(Start: 17 @44431 has 15 MA's), (26, 44473), (39, 44542), (98, 44878), (104, 44902), (105, 44914), (106, 44917), (114, 44956),

Gene: Brandonk123_25 Start: 18299, Stop: 18994, Start Num: 16

Candidate Starts for Brandonk123_25:

(Start: 16 @18299 has 198 MA's), (20, 18308), (25, 18338), (41, 18425), (52, 18500), (60, 18548), (73, 18614), (80, 18671), (82, 18683), (88, 18704), (117, 18857), (146, 18974), (150, 18989),

Gene: BrazzalePHS_29 Start: 17310, Stop: 17990, Start Num: 16

Candidate Starts for BrazzalePHS_29:

(Start: 16 @17310 has 198 MA's), (34, 17397), (39, 17421), (49, 17496), (52, 17508), (60, 17556), (72, 17616), (96, 17745), (100, 17757), (109, 17805), (116, 17859), (137, 17919), (152, 17979),

Gene: Brilliant_18 Start: 14405, Stop: 15205, Start Num: 19

Candidate Starts for Brilliant_18:

(Start: 19 @14405 has 307 MA's), (30, 14468), (41, 14525), (42, 14534), (43, 14537), (57, 14633), (63, 14669), (84, 14786), (105, 14918), (109, 14933), (113, 14954), (116, 14984), (137, 15053), (147, 15104), (153, 15125), (163, 15179), (164, 15182),

Gene: BruhMoment_24 Start: 16745, Stop: 17665, Start Num: 12

Candidate Starts for BruhMoment_24:

(Start: 12 @16745 has 19 MA's), (38, 16862), (41, 16877), (51, 16946), (60, 17000), (63, 17021), (69, 17042), (73, 17066), (96, 17201), (104, 17231), (116, 17312), (120, 17321), (138, 17381), (140, 17387), (146, 17423), (159, 17489),

Gene: Buckeye_18 Start: 14719, Stop: 15519, Start Num: 19

Candidate Starts for Buckeye_18:

(Start: 19 @14719 has 307 MA's), (30, 14782), (41, 14839), (42, 14848), (43, 14851), (57, 14947), (63, 14983), (84, 15100), (105, 15232), (109, 15247), (113, 15268), (116, 15298), (137, 15367), (147, 15418), (153, 15439), (163, 15493), (164, 15496),

Gene: Burr_17 Start: 14401, Stop: 15201, Start Num: 19

Candidate Starts for Burr_17:

(Start: 19 @14401 has 307 MA's), (30, 14464), (41, 14521), (42, 14530), (43, 14533), (57, 14629), (63, 14665), (84, 14782), (105, 14914), (109, 14929), (113, 14950), (116, 14980), (137, 15049), (147, 15100), (153, 15121), (163, 15175), (164, 15178),

Gene: Busephilis_29 Start: 17246, Stop: 17926, Start Num: 16

Candidate Starts for Busephilis_29:

(Start: 16 @17246 has 198 MA's), (34, 17333), (39, 17357), (49, 17432), (52, 17444), (60, 17492), (72, 17552), (96, 17681), (100, 17693), (109, 17741), (116, 17795), (137, 17855),

Gene: CRB2_22 Start: 17928, Stop: 18728, Start Num: 19

Candidate Starts for CRB2_22:

(Start: 19 @17928 has 307 MA's), (30, 17994), (37, 18024), (43, 18063), (49, 18114), (60, 18174), (61, 18186), (63, 18195), (69, 18216), (72, 18237), (78, 18282), (100, 18414), (118, 18516), (137, 18579), (147, 18624), (167, 18717),

Gene: CamL_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for CamL_18:

(Start: 19 @14699 has 307 MA's), (30, 14762), (41, 14819), (42, 14828), (43, 14831), (57, 14927), (63, 14963), (84, 15080), (105, 15212), (109, 15227), (113, 15248), (116, 15278), (137, 15347), (147, 15398), (153, 15419), (163, 15473), (164, 15476),

Gene: CampRoach_18 Start: 14690, Stop: 15490, Start Num: 19

Candidate Starts for CampRoach_18:

(Start: 19 @14690 has 307 MA's), (30, 14753), (41, 14810), (42, 14819), (43, 14822), (57, 14918), (63, 14954), (84, 15071), (105, 15203), (109, 15218), (113, 15239), (116, 15269), (137, 15338), (147, 15389), (153, 15410), (163, 15464), (164, 15467),

Gene: CandC_26 Start: 15681, Stop: 16622, Start Num: 16

Candidate Starts for CandC_26:

(Start: 16 @15681 has 198 MA's), (26, 15726), (76, 16020), (109, 16191), (116, 16245), (117, 16248), (142, 16326), (156, 16395), (157, 16401), (158, 16416), (179, 16560),

Gene: Cannibal_18 Start: 14684, Stop: 15484, Start Num: 19

Candidate Starts for Cannibal_18:

(Start: 19 @14684 has 307 MA's), (30, 14747), (41, 14804), (42, 14813), (43, 14816), (57, 14912), (63, 14948), (84, 15065), (105, 15197), (109, 15212), (113, 15233), (116, 15263), (137, 15332), (147, 15383), (153, 15404), (163, 15458), (164, 15461),

Gene: Carthage_17 Start: 14362, Stop: 15162, Start Num: 19

Candidate Starts for Carthage_17:

(Start: 19 @14362 has 307 MA's), (30, 14425), (41, 14482), (42, 14491), (43, 14494), (57, 14590), (63, 14626), (84, 14743), (105, 14875), (109, 14890), (113, 14911), (116, 14941), (137, 15010), (147, 15061), (153, 15082), (163, 15136), (164, 15139),

Gene: Casend_29 Start: 17700, Stop: 18647, Start Num: 16

Candidate Starts for Casend_29:

(Start: 16 @17700 has 198 MA's), (22, 17724), (31, 17772), (40, 17820), (117, 18270), (147, 18387), (170, 18492), (178, 18567),

Gene: Caspiboi_17 Start: 14406, Stop: 15206, Start Num: 19

Candidate Starts for Caspiboi_17:

(Start: 19 @14406 has 307 MA's), (30, 14469), (41, 14526), (42, 14535), (43, 14538), (57, 14634), (63, 14670), (84, 14787), (105, 14919), (109, 14934), (113, 14955), (116, 14985), (137, 15054), (147, 15105), (163, 15180), (164, 15183),

Gene: ChadMasterC_23 Start: 18709, Stop: 19404, Start Num: 16

Candidate Starts for ChadMasterC_23:

(Start: 16 @18709 has 198 MA's), (20, 18718), (25, 18748), (41, 18835), (52, 18910), (60, 18958), (80, 19081), (82, 19093), (88, 19114), (117, 19267), (146, 19384),

Gene: Chaelin_17 Start: 14366, Stop: 15166, Start Num: 19

Candidate Starts for Chaelin_17:

(Start: 19 @14366 has 307 MA's), (30, 14429), (41, 14486), (42, 14495), (43, 14498), (57, 14594), (63, 14630), (84, 14747), (105, 14879), (109, 14894), (113, 14915), (116, 14945), (137, 15014), (147, 15065), (153, 15086), (163, 15140), (164, 15143),

Gene: Chah_18 Start: 14718, Stop: 15518, Start Num: 19

Candidate Starts for Chah_18:

(Start: 19 @14718 has 307 MA's), (30, 14781), (41, 14838), (42, 14847), (43, 14850), (57, 14946), (63, 14982), (84, 15099), (105, 15231), (109, 15246), (113, 15267), (116, 15297), (137, 15366), (147, 15417), (153, 15438), (163, 15492), (164, 15495),

Gene: Charles1_18 Start: 14681, Stop: 15481, Start Num: 19

Candidate Starts for Charles1_18:

(Start: 19 @14681 has 307 MA's), (30, 14744), (41, 14801), (42, 14810), (43, 14813), (57, 14909), (63, 14945), (84, 15062), (105, 15194), (109, 15209), (113, 15230), (116, 15260), (137, 15329), (147, 15380), (153, 15401), (163, 15455), (164, 15458),

Gene: CharlieGBrown_17 Start: 14270, Stop: 15070, Start Num: 19

Candidate Starts for CharlieGBrown_17:

(Start: 19 @14270 has 307 MA's), (30, 14333), (41, 14390), (42, 14399), (43, 14402), (57, 14498), (63, 14534), (84, 14651), (105, 14783), (109, 14798), (113, 14819), (116, 14849), (137, 14918), (147, 14969), (163, 15044), (164, 15047),

Gene: Charming_21 Start: 17601, Stop: 18296, Start Num: 16

Candidate Starts for Charming_21:

(Start: 16 @17601 has 198 MA's), (20, 17610), (25, 17640), (41, 17727), (52, 17802), (73, 17916), (80, 17973), (82, 17985), (88, 18006), (117, 18159), (124, 18183), (146, 18276), (150, 18291),

Gene: CheetO_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for CheetO_18:

(Start: 19 @14699 has 307 MA's), (30, 14762), (41, 14819), (42, 14828), (43, 14831), (57, 14927), (63, 14963), (84, 15080), (105, 15212), (109, 15227), (113, 15248), (116, 15278), (137, 15347), (147, 15398), (153, 15419), (163, 15473), (164, 15476),

Gene: Cher_17 Start: 14424, Stop: 15224, Start Num: 19

Candidate Starts for Cher_17:

(Start: 19 @14424 has 307 MA's), (30, 14487), (41, 14544), (42, 14553), (43, 14556), (57, 14652), (63, 14688), (84, 14805), (105, 14937), (109, 14952), (113, 14973), (116, 15003), (137, 15072), (147, 15123), (153, 15144), (163, 15198), (164, 15201),

Gene: CherryCola_26 Start: 16032, Stop: 16718, Start Num: 16

Candidate Starts for CherryCola_26:

(Start: 16 @16032 has 198 MA's), (41, 16158), (64, 16305), (85, 16425), (116, 16581), (124, 16608), (136, 16653), (137, 16656),

Gene: Chickadee_23 Start: 17163, Stop: 17858, Start Num: 15

Candidate Starts for Chickadee_23:

(Start: 15 @17163 has 16 MA's), (20, 17172), (25, 17202), (37, 17262), (39, 17277), (41, 17289), (63, 17433), (80, 17532), (82, 17544), (102, 17628), (116, 17715), (140, 17799),

Gene: Childish_17 Start: 14412, Stop: 15212, Start Num: 19

Candidate Starts for Childish_17:

(Start: 19 @14412 has 307 MA's), (30, 14475), (41, 14532), (42, 14541), (43, 14544), (57, 14640), (63, 14676), (84, 14793), (105, 14925), (109, 14940), (113, 14961), (116, 14991), (137, 15060), (147, 15111), (153, 15132), (163, 15186), (164, 15189),

Gene: Chilliams_80 Start: 52992, Stop: 53651, Start Num: 17

Candidate Starts for Chilliams_80:

(Start: 17 @52992 has 15 MA's), (74, 53328), (98, 53454), (133, 53592),

Gene: Chipette_19 Start: 14922, Stop: 15722, Start Num: 19

Candidate Starts for Chipette_19:

(Start: 19 @14922 has 307 MA's), (30, 14985), (41, 15042), (42, 15051), (43, 15054), (57, 15150), (63, 15186), (84, 15303), (105, 15435), (109, 15450), (113, 15471), (116, 15501), (137, 15570), (147, 15621), (153, 15642), (163, 15696), (164, 15699),

Gene: Chorkpop_18 Start: 14424, Stop: 15224, Start Num: 19

Candidate Starts for Chorkpop_18:

(Start: 19 @14424 has 307 MA's), (30, 14487), (41, 14544), (42, 14553), (43, 14556), (57, 14652), (63, 14688), (84, 14805), (105, 14937), (109, 14952), (113, 14973), (116, 15003), (137, 15072), (147, 15123), (153, 15144), (163, 15198), (164, 15201),

Gene: ChrisnMich_17 Start: 15373, Stop: 16179, Start Num: 19

Candidate Starts for ChrisnMich_17:

(Start: 19 @15373 has 307 MA's), (30, 15436), (42, 15502), (43, 15505), (45, 15523), (60, 15616), (63, 15637), (69, 15658), (91, 15793), (105, 15886), (116, 15952), (129, 15985), (131, 15988), (137, 16021), (147, 16072), (153, 16093), (164, 16150),

Gene: Chuni_17 Start: 14715, Stop: 15515, Start Num: 19

Candidate Starts for Chuni_17:

(Start: 19 @14715 has 307 MA's), (30, 14778), (41, 14835), (42, 14844), (43, 14847), (57, 14943), (63, 14979), (84, 15096), (105, 15228), (109, 15243), (113, 15264), (116, 15294), (137, 15363), (147, 15414), (153, 15435), (163, 15489), (164, 15492),

Gene: Chunky_18 Start: 14711, Stop: 15511, Start Num: 19

Candidate Starts for Chunky_18:

(Start: 19 @14711 has 307 MA's), (30, 14774), (41, 14831), (42, 14840), (43, 14843), (57, 14939), (63, 14975), (84, 15092), (105, 15224), (109, 15239), (113, 15260), (116, 15290), (137, 15359), (147, 15410), (153, 15431), (163, 15485), (164, 15488),

Gene: Chute_17 Start: 14714, Stop: 15514, Start Num: 19

Candidate Starts for Chute_17:

(Start: 19 @14714 has 307 MA's), (30, 14777), (41, 14834), (42, 14843), (43, 14846), (57, 14942), (63, 14978), (84, 15095), (105, 15227), (109, 15242), (113, 15263), (116, 15293), (137, 15362), (147, 15413), (153, 15434), (163, 15488), (164, 15491),

Gene: Cinna_25 Start: 16663, Stop: 17355, Start Num: 16

Candidate Starts for Cinna_25:

(11, 16651), (Start: 16 @16663 has 198 MA's), (26, 16708), (39, 16774), (43, 16798), (49, 16849), (52, 16861), (60, 16909), (66, 16945), (72, 16972), (93, 17086), (100, 17113), (116, 17215), (117, 17218), (146, 17329),

Gene: ClamChowder_24 Start: 15824, Stop: 16510, Start Num: 16

Candidate Starts for ClamChowder_24:

(Start: 16 @15824 has 198 MA's), (37, 15923), (63, 16094), (64, 16097), (85, 16217), (136, 16445), (137, 16448),

Gene: ClearAsMud_32 Start: 18024, Stop: 18704, Start Num: 16

Candidate Starts for ClearAsMud_32:

(Start: 16 @18024 has 198 MA's), (34, 18111), (39, 18135), (49, 18210), (52, 18222), (60, 18270), (72, 18330), (100, 18471), (109, 18519), (116, 18573), (137, 18633),

Gene: Clown_26 Start: 17806, Stop: 18492, Start Num: 16

Candidate Starts for Clown_26:

(Start: 16 @17806 has 198 MA's), (37, 17905), (41, 17932), (60, 18055), (124, 18382), (137, 18430), (142, 18445),

Gene: Cobra_18 Start: 14702, Stop: 15502, Start Num: 19

Candidate Starts for Cobra_18:

(Start: 19 @14702 has 307 MA's), (30, 14765), (41, 14822), (42, 14831), (43, 14834), (57, 14930), (63, 14966), (84, 15083), (105, 15215), (109, 15230), (113, 15251), (116, 15281), (137, 15350), (147, 15401), (153, 15422), (163, 15476), (164, 15479),

Gene: Colbert_18 Start: 14702, Stop: 15502, Start Num: 19

Candidate Starts for Colbert_18:

(Start: 19 @14702 has 307 MA's), (30, 14765), (41, 14822), (42, 14831), (43, 14834), (57, 14930), (63, 14966), (84, 15083), (105, 15215), (109, 15230), (113, 15251), (116, 15281), (137, 15350), (147, 15401), (153, 15422), (163, 15476), (164, 15479),

Gene: Coletti_18 Start: 14714, Stop: 15514, Start Num: 19

Candidate Starts for Coletti_18:

(Start: 19 @14714 has 307 MA's), (30, 14777), (41, 14834), (42, 14843), (43, 14846), (57, 14942), (63, 14978), (84, 15095), (105, 15227), (109, 15242), (113, 15263), (116, 15293), (137, 15362), (147, 15413), (153, 15434), (163, 15488), (164, 15491),

Gene: Cooper_18 Start: 15481, Stop: 16287, Start Num: 19

Candidate Starts for Cooper_18:

(Start: 19 @15481 has 307 MA's), (30, 15544), (42, 15610), (43, 15613), (45, 15631), (60, 15724), (63, 15745), (69, 15766), (91, 15901), (105, 15994), (131, 16096), (137, 16129), (141, 16141), (142, 16144), (147, 16180),

Gene: Cornbread_17 Start: 14415, Stop: 15215, Start Num: 19

Candidate Starts for Cornbread_17:

(Start: 19 @14415 has 307 MA's), (30, 14478), (41, 14535), (42, 14544), (43, 14547), (57, 14643), (63, 14679), (84, 14796), (105, 14928), (109, 14943), (113, 14964), (116, 14994), (137, 15063), (147, 15114), (153, 15135), (163, 15189), (164, 15192),

Gene: Cornobble_17 Start: 14259, Stop: 15059, Start Num: 19

Candidate Starts for Cornobble_17:

(Start: 19 @14259 has 307 MA's), (30, 14322), (41, 14379), (42, 14388), (43, 14391), (57, 14487), (63, 14523), (84, 14640), (105, 14772), (109, 14787), (113, 14808), (116, 14838), (137, 14907), (147, 14958), (153, 14979), (163, 15033), (164, 15036),

Gene: Cosmolli16_17 Start: 14416, Stop: 15216, Start Num: 19

Candidate Starts for Cosmolli16_17:

(Start: 19 @14416 has 307 MA's), (30, 14479), (41, 14536), (42, 14545), (43, 14548), (57, 14644), (63, 14680), (84, 14797), (105, 14929), (109, 14944), (113, 14965), (116, 14995), (137, 15064), (147, 15115), (153, 15136), (163, 15190), (164, 15193),

Gene: CoveyB_24 Start: 15670, Stop: 16356, Start Num: 16

Candidate Starts for CoveyB_24:

(Start: 16 @15670 has 198 MA's), (37, 15769), (63, 15940), (64, 15943), (85, 16063), (136, 16291), (137, 16294),

Gene: Craff_18 Start: 14705, Stop: 15505, Start Num: 19

Candidate Starts for Craff_18:

(Start: 19 @14705 has 307 MA's), (30, 14768), (41, 14825), (42, 14834), (43, 14837), (57, 14933), (63, 14969), (84, 15086), (105, 15218), (109, 15233), (113, 15254), (116, 15284), (137, 15353), (147, 15404), (153, 15425), (163, 15479), (164, 15482),

Gene: Cranjis_31 Start: 17470, Stop: 18150, Start Num: 16

Candidate Starts for Cranjis_31:

(Start: 16 @17470 has 198 MA's), (34, 17557), (39, 17581), (49, 17656), (52, 17668), (60, 17716), (72, 17776), (96, 17905), (100, 17917), (109, 17965), (116, 18019), (137, 18079), (152, 18139),

Gene: CrazyRich_29 Start: 17280, Stop: 17960, Start Num: 16

Candidate Starts for CrazyRich_29:

(Start: 16 @17280 has 198 MA's), (34, 17367), (39, 17391), (49, 17466), (52, 17478), (60, 17526), (72, 17586), (96, 17715), (100, 17727), (109, 17775), (116, 17829), (137, 17889),

Gene: Cressida_27 Start: 16707, Stop: 17411, Start Num: 16

Candidate Starts for Cressida_27:

(11, 16695), (Start: 16 @16707 has 198 MA's), (31, 16779), (39, 16818), (49, 16893), (52, 16905), (60, 16953), (72, 17016), (74, 17031), (93, 17130), (100, 17157), (117, 17262), (134, 17304),

Gene: Crisis_31 Start: 17265, Stop: 17945, Start Num: 16

Candidate Starts for Crisis_31:

(Start: 16 @17265 has 198 MA's), (34, 17352), (39, 17376), (49, 17451), (52, 17463), (60, 17511), (72, 17571), (96, 17700), (100, 17712), (109, 17760), (116, 17814), (137, 17874),

Gene: Crownjwl_18 Start: 14472, Stop: 15272, Start Num: 19

Candidate Starts for Crownjwl_18:

(Start: 19 @14472 has 307 MA's), (30, 14535), (41, 14592), (42, 14601), (43, 14604), (57, 14700), (63, 14736), (84, 14853), (105, 14985), (109, 15000), (113, 15021), (116, 15051), (137, 15120), (147, 15171), (153, 15192), (163, 15246), (164, 15249),

Gene: DaddyDaniels_18 Start: 14408, Stop: 15208, Start Num: 19

Candidate Starts for DaddyDaniels_18:

(Start: 19 @14408 has 307 MA's), (30, 14471), (41, 14528), (42, 14537), (43, 14540), (57, 14636), (63, 14672), (84, 14789), (105, 14921), (109, 14936), (113, 14957), (116, 14987), (137, 15056), (147, 15107), (153, 15128), (163, 15182), (164, 15185),

Gene: Daffy_18 Start: 14424, Stop: 15224, Start Num: 19

Candidate Starts for Daffy_18:

(Start: 19 @14424 has 307 MA's), (30, 14487), (41, 14544), (42, 14553), (43, 14556), (57, 14652), (63, 14688), (84, 14805), (105, 14937), (109, 14952), (113, 14973), (116, 15003), (137, 15072), (147, 15123), (153, 15144), (163, 15198), (164, 15201),

Gene: Daka_18 Start: 14702, Stop: 15502, Start Num: 19

Candidate Starts for Daka_18:

(Start: 19 @14702 has 307 MA's), (30, 14765), (41, 14822), (42, 14831), (43, 14834), (57, 14930), (63, 14966), (84, 15083), (105, 15215), (109, 15230), (113, 15251), (116, 15281), (137, 15350), (147, 15401), (153, 15422), (163, 15476), (164, 15479),

Gene: Danyall_24 Start: 15670, Stop: 16356, Start Num: 16

Candidate Starts for Danyall_24:

(Start: 16 @15670 has 198 MA's), (37, 15769), (63, 15940), (64, 15943), (85, 16063), (136, 16291), (137, 16294),

Gene: Dati_18 Start: 14412, Stop: 15212, Start Num: 19

Candidate Starts for Dati_18:

(Start: 19 @14412 has 307 MA's), (30, 14475), (41, 14532), (42, 14541), (43, 14544), (57, 14640), (63, 14676), (84, 14793), (105, 14925), (109, 14940), (113, 14961), (116, 14991), (137, 15060), (147, 15111), (153, 15132), (163, 15186), (164, 15189),

Gene: DelRivs_17 Start: 14411, Stop: 15211, Start Num: 19

Candidate Starts for DelRivs_17:

(Start: 19 @14411 has 307 MA's), (30, 14474), (41, 14531), (42, 14540), (43, 14543), (57, 14639), (63, 14675), (84, 14792), (105, 14924), (109, 14939), (113, 14960), (116, 14990), (137, 15059), (147, 15110), (153, 15131), (163, 15185), (164, 15188),

Gene: Delrey21_24 Start: 18380, Stop: 19072, Start Num: 15

Candidate Starts for Delrey21_24:

(Start: 15 @18380 has 16 MA's), (25, 18419), (28, 18434), (32, 18455), (33, 18458), (39, 18494), (80, 18749), (140, 19016),

Gene: Derg_19 Start: 17869, Stop: 18564, Start Num: 16

Candidate Starts for Derg_19:

(Start: 16 @17869 has 198 MA's), (25, 17908), (52, 18070), (80, 18241), (82, 18253), (117, 18427), (146, 18544), (150, 18559),

Gene: Derpp_17 Start: 14258, Stop: 15058, Start Num: 19

Candidate Starts for Derpp_17:

(Start: 19 @14258 has 307 MA's), (30, 14321), (41, 14378), (42, 14387), (43, 14390), (57, 14486), (63, 14522), (84, 14639), (105, 14771), (109, 14786), (113, 14807), (116, 14837), (137, 14906), (147, 14957), (153, 14978), (163, 15032), (164, 15035),

Gene: Dexdert_24 Start: 17606, Stop: 18295, Start Num: 15

Candidate Starts for Dexdert_24:

(Start: 15 @17606 has 16 MA's), (20, 17615), (22, 17630), (25, 17645), (37, 17705), (39, 17720), (41, 17732), (80, 17975), (82, 17987), (102, 18071), (109, 18104), (116, 18158), (124, 18185), (129, 18197), (140, 18242),

Gene: Dice_17 Start: 14399, Stop: 15199, Start Num: 19

Candidate Starts for Dice_17:

(Start: 19 @14399 has 307 MA's), (30, 14462), (41, 14519), (42, 14528), (43, 14531), (57, 14627), (63, 14663), (84, 14780), (105, 14912), (109, 14927), (113, 14948), (116, 14978), (137, 15047), (147, 15098), (153, 15119), (163, 15173), (164, 15176),

Gene: DigitDog_21 Start: 16468, Stop: 17304, Start Num: 9

Candidate Starts for DigitDog_21:

(4, 16399), (Start: 9 @16468 has 10 MA's), (Start: 19 @16501 has 307 MA's), (39, 16609), (40, 16615), (42, 16630), (43, 16633), (45, 16651), (63, 16765), (113, 17050), (116, 17080), (127, 17107), (137, 17149),

Gene: Dingo_18 Start: 14684, Stop: 15484, Start Num: 19

Candidate Starts for Dingo_18:

(Start: 19 @14684 has 307 MA's), (30, 14747), (41, 14804), (42, 14813), (43, 14816), (57, 14912), (63, 14948), (84, 15065), (105, 15197), (109, 15212), (113, 15233), (116, 15263), (137, 15332), (147, 15383), (153, 15404), (163, 15458), (164, 15461),

Gene: Dione_17 Start: 14400, Stop: 15200, Start Num: 19

Candidate Starts for Dione_17:

(Start: 19 @14400 has 307 MA's), (30, 14463), (41, 14520), (42, 14529), (43, 14532), (57, 14628), (63, 14664), (84, 14781), (105, 14913), (109, 14928), (113, 14949), (116, 14979), (137, 15048), (147, 15099), (153, 15120), (163, 15174), (164, 15177),

Gene: DirtJuice_18 Start: 14687, Stop: 15487, Start Num: 19

Candidate Starts for DirtJuice_18:

(Start: 19 @14687 has 307 MA's), (30, 14750), (41, 14807), (42, 14816), (43, 14819), (57, 14915), (63, 14951), (84, 15068), (105, 15200), (109, 15215), (113, 15236), (116, 15266), (137, 15335), (147, 15386), (153, 15407), (163, 15461), (164, 15464),

Gene: DoctorFroggo_24 Start: 18380, Stop: 19072, Start Num: 15

Candidate Starts for DoctorFroggo_24:

(Start: 15 @18380 has 16 MA's), (25, 18419), (28, 18434), (32, 18455), (33, 18458), (39, 18494), (80, 18749), (140, 19016),

Gene: Doddsville_18 Start: 14412, Stop: 15212, Start Num: 19

Candidate Starts for Doddsville_18:

(Start: 19 @14412 has 307 MA's), (30, 14475), (41, 14532), (42, 14541), (43, 14544), (57, 14640), (63, 14676), (84, 14793), (105, 14925), (109, 14940), (113, 14961), (116, 14991), (137, 15060), (147, 15111), (153, 15132), (163, 15186), (164, 15189),

Gene: DoesntMatter_18 Start: 14681, Stop: 15481, Start Num: 19

Candidate Starts for DoesntMatter_18:

(Start: 19 @14681 has 307 MA's), (30, 14744), (41, 14801), (42, 14810), (43, 14813), (57, 14909), (63, 14945), (84, 15062), (105, 15194), (109, 15209), (113, 15230), (116, 15260), (137, 15329), (147, 15380), (153, 15401), (163, 15455), (164, 15458),

Gene: DogYard_29 Start: 17322, Stop: 18242, Start Num: 12

Candidate Starts for DogYard_29:

(Start: 12 @17322 has 19 MA's), (35, 17421), (37, 17427), (38, 17439), (41, 17454), (60, 17577), (69, 17619), (77, 17682), (96, 17778), (101, 17793), (111, 17844), (138, 17958), (140, 17964), (144, 17982), (146, 18000), (159, 18066), (177, 18162),

Gene: DolOn_19 Start: 14934, Stop: 15734, Start Num: 19

Candidate Starts for DolOn_19:

(Start: 19 @14934 has 307 MA's), (30, 14997), (41, 15054), (42, 15063), (43, 15066), (57, 15162), (63, 15198), (84, 15315), (105, 15447), (109, 15462), (113, 15483), (116, 15513), (137, 15582), (147, 15633), (153, 15654), (163, 15708), (164, 15711),

Gene: DonSanchon_17 Start: 14400, Stop: 15200, Start Num: 19

Candidate Starts for DonSanchon_17:

(Start: 19 @14400 has 307 MA's), (30, 14463), (41, 14520), (42, 14529), (43, 14532), (57, 14628), (63, 14664), (84, 14781), (105, 14913), (109, 14928), (113, 14949), (116, 14979), (137, 15048), (147, 15099), (153, 15120), (163, 15174), (164, 15177),

Gene: DonaldDuck_27 Start: 17046, Stop: 17993, Start Num: 16

Candidate Starts for DonaldDuck_27:

(Start: 16 @17046 has 198 MA's), (22, 17070), (31, 17118), (40, 17166), (117, 17616), (147, 17733), (170, 17838), (178, 17913),

Gene: Donny_20 Start: 16509, Stop: 17345, Start Num: 9

Candidate Starts for Donny_20:

(2, 16398), (Start: 9 @16509 has 10 MA's), (Start: 19 @16542 has 307 MA's), (37, 16635), (39, 16650), (40, 16656), (42, 16671), (43, 16674), (45, 16692), (63, 16806), (113, 17091), (116, 17121), (132, 17160), (137, 17190), (153, 17262),

Gene: DuchessDung_17 Start: 14252, Stop: 15052, Start Num: 19

Candidate Starts for DuchessDung_17:

(Start: 19 @14252 has 307 MA's), (30, 14315), (41, 14372), (42, 14381), (43, 14384), (57, 14480), (63, 14516), (84, 14633), (105, 14765), (109, 14780), (113, 14801), (116, 14831), (137, 14900), (147, 14951), (153, 14972), (163, 15026), (164, 15029),

Gene: Duggie_17 Start: 14414, Stop: 15214, Start Num: 19

Candidate Starts for Duggie_17:

(Start: 19 @14414 has 307 MA's), (30, 14477), (41, 14534), (42, 14543), (43, 14546), (57, 14642), (63, 14678), (84, 14795), (105, 14927), (109, 14942), (113, 14963), (116, 14993), (137, 15062), (147, 15113), (153, 15134), (163, 15188), (164, 15191),

Gene: DunneganBoMo_73 Start: 46623, Stop: 47267, Start Num: 17

Candidate Starts for DunneganBoMo_73:

(Start: 17 @46623 has 15 MA's), (32, 46698), (39, 46737), (63, 46893), (98, 47073), (125, 47196),

Gene: Durga_18 Start: 14713, Stop: 15513, Start Num: 19

Candidate Starts for Durga_18:

(Start: 19 @14713 has 307 MA's), (30, 14776), (41, 14833), (42, 14842), (43, 14845), (57, 14941), (63, 14977), (84, 15094), (105, 15226), (109, 15241), (113, 15262), (116, 15292), (137, 15361), (147, 15412), (153, 15433), (163, 15487), (164, 15490),

Gene: EMoore_19 Start: 16450, Stop: 17142, Start Num: 16

Candidate Starts for EMoore_19:

(Start: 16 @16450 has 198 MA's), (25, 16489), (41, 16576), (63, 16720), (73, 16765), (80, 16819), (88, 16852), (115, 16987), (118, 17008), (140, 17086), (142, 17092),

Gene: EarickHC_30 Start: 17191, Stop: 17871, Start Num: 16

Candidate Starts for EarickHC_30:

(Start: 16 @17191 has 198 MA's), (34, 17278), (39, 17302), (49, 17377), (52, 17389), (60, 17437), (72, 17497), (96, 17626), (100, 17638), (109, 17686), (116, 17740), (137, 17800),

Gene: EastView9101_20 Start: 16515, Stop: 17351, Start Num: 9

Candidate Starts for EastView9101_20:

(3, 16431), (Start: 9 @16515 has 10 MA's), (Start: 19 @16548 has 307 MA's), (39, 16656), (40, 16662), (42, 16677), (43, 16680), (45, 16698), (63, 16812), (113, 17097), (116, 17127), (132, 17166), (137, 17196), (153, 17268), (168, 17346),

Gene: EdmundFerry_22 Start: 17192, Stop: 17887, Start Num: 15

Candidate Starts for EdmundFerry_22:

(Start: 15 @17192 has 16 MA's), (20, 17201), (25, 17231), (37, 17291), (39, 17306), (41, 17318), (63, 17462), (80, 17561), (82, 17573), (102, 17657), (116, 17744), (140, 17828),

Gene: Egi03_22 Start: 15285, Stop: 15971, Start Num: 16

Candidate Starts for Egi03_22:

(Start: 16 @15285 has 198 MA's), (41, 15411), (64, 15558), (85, 15678), (136, 15906), (137, 15909),

Gene: Ellewin_75 Start: 46218, Stop: 46862, Start Num: 17

Candidate Starts for Ellewin_75:

(Start: 17 @46218 has 15 MA's), (32, 46293), (39, 46332), (63, 46488), (98, 46668), (125, 46791),

Gene: ElvisPhasley_18 Start: 14712, Stop: 15512, Start Num: 19

Candidate Starts for ElvisPhasley_18:

(Start: 19 @14712 has 307 MA's), (30, 14775), (41, 14832), (42, 14841), (43, 14844), (57, 14940), (63, 14976), (84, 15093), (105, 15225), (109, 15240), (113, 15261), (116, 15291), (137, 15360), (147, 15411), (163, 15486), (164, 15489),

Gene: Emiris_18 Start: 14694, Stop: 15494, Start Num: 19

Candidate Starts for Emiris_18:

(Start: 19 @14694 has 307 MA's), (30, 14757), (41, 14814), (42, 14823), (43, 14826), (57, 14922), (63, 14958), (84, 15075), (105, 15207), (109, 15222), (113, 15243), (116, 15273), (137, 15342), (147, 15393), (153, 15414), (163, 15468), (164, 15471),

Gene: Emmetator_76 Start: 47370, Stop: 48014, Start Num: 17

Candidate Starts for Emmetator_76:

(Start: 17 @47370 has 15 MA's), (32, 47445), (39, 47484), (63, 47640), (98, 47820), (125, 47943),

Gene: EmpTee_18 Start: 14700, Stop: 15500, Start Num: 19

Candidate Starts for EmpTee_18:

(Start: 19 @14700 has 307 MA's), (30, 14763), (42, 14829), (43, 14832), (57, 14928), (63, 14964), (84, 15081), (105, 15213), (109, 15228), (113, 15249), (116, 15279), (137, 15348), (147, 15399), (153, 15420), (163, 15474), (164, 15477),

Gene: Epah_17 Start: 15373, Stop: 16179, Start Num: 19

Candidate Starts for Epah_17:

(Start: 19 @15373 has 307 MA's), (30, 15436), (42, 15502), (43, 15505), (45, 15523), (60, 15616), (63, 15637), (69, 15658), (91, 15793), (105, 15886), (116, 15952), (129, 15985), (131, 15988), (137,

16021), (147, 16072), (153, 16093), (164, 16150),

Gene: Eremos_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for Eremos_18:

(Start: 19 @14699 has 307 MA's), (30, 14762), (41, 14819), (42, 14828), (43, 14831), (57, 14927), (63, 14963), (84, 15080), (105, 15212), (113, 15248), (116, 15278), (137, 15347), (147, 15398), (153, 15419), (163, 15473), (164, 15476),

Gene: Etaye_18 Start: 14684, Stop: 15484, Start Num: 19

Candidate Starts for Etaye_18:

(Start: 19 @14684 has 307 MA's), (30, 14747), (41, 14804), (42, 14813), (43, 14816), (57, 14912), (63, 14948), (84, 15065), (105, 15197), (109, 15212), (113, 15233), (116, 15263), (137, 15332), (147, 15383), (153, 15404), (163, 15458), (164, 15461),

Gene: Eugenia_18 Start: 14712, Stop: 15512, Start Num: 19

Candidate Starts for Eugenia_18:

(Start: 19 @14712 has 307 MA's), (30, 14775), (41, 14832), (42, 14841), (43, 14844), (57, 14940), (63, 14976), (84, 15093), (105, 15225), (109, 15240), (113, 15261), (116, 15291), (137, 15360), (147, 15411), (153, 15432), (163, 15486), (164, 15489),

Gene: Evamon_22 Start: 15156, Stop: 15842, Start Num: 16

Candidate Starts for Evamon_22:

(Start: 16 @15156 has 198 MA's), (37, 15255), (63, 15426), (64, 15429), (85, 15549), (136, 15777), (137, 15780),

Gene: EverythinBagel_27 Start: 17434, Stop: 18381, Start Num: 16

Candidate Starts for EverythinBagel_27:

(Start: 16 @17434 has 198 MA's), (22, 17458), (31, 17506), (40, 17554), (117, 18004), (147, 18121), (170, 18226), (178, 18301),

Gene: Fanaw_18 Start: 16467, Stop: 17273, Start Num: 19

Candidate Starts for Fanaw_18:

(Start: 19 @16467 has 307 MA's), (30, 16530), (42, 16596), (43, 16599), (45, 16617), (60, 16710), (63, 16731), (69, 16752), (80, 16830), (91, 16887), (105, 16980), (113, 17016), (131, 17082), (137, 17115), (141, 17127), (142, 17130), (147, 17166),

Gene: Fang_18 Start: 14715, Stop: 15515, Start Num: 19

Candidate Starts for Fang_18:

(Start: 19 @14715 has 307 MA's), (30, 14778), (41, 14835), (42, 14844), (43, 14847), (57, 14943), (63, 14979), (84, 15096), (105, 15228), (109, 15243), (113, 15264), (116, 15294), (137, 15363), (147, 15414), (153, 15435), (163, 15489), (164, 15492),

Gene: Fireball_23 Start: 15288, Stop: 15974, Start Num: 16

Candidate Starts for Fireball_23:

(Start: 16 @15288 has 198 MA's), (41, 15414), (64, 15561), (85, 15681), (116, 15837), (124, 15864), (136, 15909), (137, 15912),

Gene: Fireman_30 Start: 17082, Stop: 17762, Start Num: 16

Candidate Starts for Fireman_30:

(Start: 16 @17082 has 198 MA's), (34, 17169), (48, 17262), (52, 17280), (60, 17328), (64, 17352), (72, 17388), (93, 17502), (100, 17529), (109, 17577), (116, 17631), (137, 17691), (152, 17751),

Gene: Fitzgerald_21 Start: 18039, Stop: 18734, Start Num: 16

Candidate Starts for Fitzgerald_21:

(Start: 16 @18039 has 198 MA's), (20, 18048), (25, 18078), (41, 18165), (52, 18240), (60, 18288), (80, 18411), (82, 18423), (88, 18444), (117, 18597), (146, 18714),

Gene: Fizzles_28 Start: 16958, Stop: 17899, Start Num: 18

Candidate Starts for Fizzles_28:

(Start: 16 @16955 has 198 MA's), (Start: 18 @16958 has 12 MA's), (22, 16979), (31, 17027), (37, 17054), (60, 17204), (80, 17327), (147, 17642), (157, 17681), (170, 17744), (173, 17780), (179, 17837),

Gene: Flake_19 Start: 14716, Stop: 15516, Start Num: 19

Candidate Starts for Flake_19:

(Start: 19 @14716 has 307 MA's), (30, 14779), (41, 14836), (42, 14845), (43, 14848), (57, 14944), (63, 14980), (84, 15097), (105, 15229), (109, 15244), (113, 15265), (116, 15295), (137, 15364), (147, 15415), (153, 15436), (163, 15490), (164, 15493),

Gene: Flatwoods_24 Start: 18230, Stop: 18925, Start Num: 16

Candidate Starts for Flatwoods_24:

(Start: 16 @18230 has 198 MA's), (25, 18269), (52, 18431), (55, 18458), (80, 18602), (82, 18614), (117, 18788), (146, 18905), (150, 18920),

Gene: FleetyMac_17 Start: 14697, Stop: 15497, Start Num: 19

Candidate Starts for FleetyMac_17:

(Start: 19 @14697 has 307 MA's), (30, 14760), (41, 14817), (42, 14826), (43, 14829), (57, 14925), (63, 14961), (84, 15078), (105, 15210), (109, 15225), (113, 15246), (116, 15276), (137, 15345), (147, 15396), (153, 15417), (163, 15471), (164, 15474),

Gene: FloraSnap32_83 Start: 50203, Stop: 50859, Start Num: 17

Candidate Starts for FloraSnap32_83:

(Start: 17 @50203 has 15 MA's), (48, 50386), (63, 50473), (98, 50653), (105, 50689), (106, 50692),

Gene: FluffyNinja_18 Start: 14703, Stop: 15503, Start Num: 19

Candidate Starts for FluffyNinja_18:

(Start: 19 @14703 has 307 MA's), (30, 14766), (41, 14823), (42, 14832), (43, 14835), (57, 14931), (63, 14967), (84, 15084), (105, 15216), (109, 15231), (113, 15252), (116, 15282), (137, 15351), (147, 15402), (153, 15423), (163, 15477), (164, 15480),

Gene: Forrestell_26 Start: 15960, Stop: 16880, Start Num: 12

Candidate Starts for Forrestell_26:

(Start: 12 @15960 has 19 MA's), (35, 16059), (37, 16065), (38, 16077), (41, 16092), (60, 16215), (69, 16257), (77, 16320), (96, 16416), (101, 16431), (111, 16482), (138, 16596), (140, 16602), (144, 16620), (146, 16638), (159, 16704), (177, 16800),

Gene: Fortunato_18 Start: 16431, Stop: 17237, Start Num: 19

Candidate Starts for Fortunato_18:

(Start: 19 @16431 has 307 MA's), (30, 16494), (42, 16560), (43, 16563), (45, 16581), (60, 16674), (63, 16695), (69, 16716), (80, 16794), (91, 16851), (105, 16944), (131, 17046), (137, 17079), (141, 17091), (142, 17094), (147, 17130),

Gene: Forza_89 Start: 44347, Stop: 44991, Start Num: 17

Candidate Starts for Forza_89:

(Start: 17 @44347 has 15 MA's), (26, 44389), (39, 44458), (98, 44794), (104, 44818), (105, 44830), (106, 44833), (114, 44872),

Gene: Fosterous_21 Start: 18489, Stop: 19184, Start Num: 16

Candidate Starts for Fosterous_21:

(Start: 16 @18489 has 198 MA's), (20, 18498), (25, 18528), (41, 18615), (52, 18690), (73, 18804), (80, 18861), (82, 18873), (88, 18894), (117, 19047), (146, 19164), (150, 19179),

Gene: Fozzie_17 Start: 14709, Stop: 15509, Start Num: 19

Candidate Starts for Fozzie_17:

(Start: 19 @14709 has 307 MA's), (30, 14772), (41, 14829), (42, 14838), (43, 14841), (57, 14937), (63, 14973), (84, 15090), (105, 15222), (109, 15237), (113, 15258), (116, 15288), (137, 15357), (147, 15408), (153, 15429), (163, 15483), (164, 15486),

Gene: FrankDeliGuy_25 Start: 17008, Stop: 17955, Start Num: 16

Candidate Starts for FrankDeliGuy_25:

(Start: 16 @17008 has 198 MA's), (22, 17032), (31, 17080), (40, 17128), (116, 17575), (117, 17578), (147, 17695), (170, 17800), (178, 17875),

Gene: Frankicide_18 Start: 14701, Stop: 15501, Start Num: 19

Candidate Starts for Frankicide_18:

(Start: 19 @14701 has 307 MA's), (30, 14764), (41, 14821), (42, 14830), (43, 14833), (57, 14929), (63, 14965), (84, 15082), (105, 15214), (109, 15229), (113, 15250), (116, 15280), (137, 15349), (147, 15400), (153, 15421), (163, 15475), (164, 15478),

Gene: Fransoyer_30 Start: 17064, Stop: 18002, Start Num: 16

Candidate Starts for Fransoyer_30:

(Start: 16 @17064 has 198 MA's), (22, 17088), (56, 17295), (60, 17313), (104, 17550), (115, 17616), (116, 17631), (137, 17700), (140, 17709), (142, 17715), (170, 17853),

Gene: Frederick_18 Start: 16440, Stop: 17246, Start Num: 19

Candidate Starts for Frederick_18:

(Start: 19 @16440 has 307 MA's), (30, 16503), (42, 16569), (43, 16572), (45, 16590), (60, 16683), (63, 16704), (69, 16725), (80, 16803), (91, 16860), (105, 16953), (131, 17055), (137, 17088), (141, 17100), (142, 17103), (147, 17139),

Gene: Fregley_28 Start: 16254, Stop: 17195, Start Num: 16

Candidate Starts for Fregley_28:

(Start: 16 @16254 has 198 MA's), (26, 16299), (76, 16593), (109, 16764), (116, 16818), (117, 16821), (142, 16899), (156, 16968), (158, 16989), (179, 17133),

Gene: FremontTroll_18 Start: 14398, Stop: 15198, Start Num: 19

Candidate Starts for FremontTroll_18:

(Start: 19 @14398 has 307 MA's), (30, 14461), (41, 14518), (42, 14527), (43, 14530), (57, 14626), (63, 14662), (84, 14779), (105, 14911), (109, 14926), (113, 14947), (116, 14977), (137, 15046), (147, 15097), (153, 15118), (163, 15172), (164, 15175),

Gene: Freya_17 Start: 14395, Stop: 15195, Start Num: 19

Candidate Starts for Freya_17:

(Start: 19 @14395 has 307 MA's), (30, 14458), (41, 14515), (42, 14524), (43, 14527), (57, 14623), (63, 14659), (84, 14776), (105, 14908), (109, 14923), (113, 14944), (116, 14974), (137, 15043), (147, 15094), (153, 15115), (163, 15169), (164, 15172),

Gene: FriarPreacher_18 Start: 14720, Stop: 15520, Start Num: 19

Candidate Starts for FriarPreacher_18:

(Start: 19 @14720 has 307 MA's), (30, 14783), (41, 14840), (42, 14849), (43, 14852), (57, 14948), (63, 14984), (84, 15101), (105, 15233), (109, 15248), (113, 15269), (116, 15299), (137, 15368), (147, 15419), (153, 15440), (163, 15494), (164, 15497),

Gene: Fringe_18 Start: 14682, Stop: 15482, Start Num: 19

Candidate Starts for Fringe_18:

(Start: 19 @14682 has 307 MA's), (30, 14745), (41, 14802), (42, 14811), (43, 14814), (57, 14910), (63, 14946), (84, 15063), (105, 15195), (109, 15210), (113, 15231), (116, 15261), (137, 15330), (147, 15381), (153, 15402), (163, 15456), (164, 15459),

Gene: FrostedClock_86 Start: 50654, Stop: 51310, Start Num: 17

Candidate Starts for FrostedClock_86:

(Start: 17 @50654 has 15 MA's), (48, 50837), (63, 50924), (98, 51104), (105, 51140), (106, 51143),

Gene: FuegoCuervo_26 Start: 17823, Stop: 18518, Start Num: 16

Candidate Starts for FuegoCuervo_26:

(Start: 16 @17823 has 198 MA's), (20, 17832), (25, 17862), (41, 17949), (52, 18024), (73, 18138), (80, 18195), (82, 18207), (88, 18228), (146, 18498), (150, 18513),

Gene: FugateOSU_17 Start: 14406, Stop: 15206, Start Num: 19

Candidate Starts for FugateOSU_17:

(Start: 19 @14406 has 307 MA's), (30, 14469), (41, 14526), (42, 14535), (43, 14538), (57, 14634), (63, 14670), (84, 14787), (105, 14919), (109, 14934), (113, 14955), (116, 14985), (137, 15054), (147, 15105), (153, 15126), (163, 15180), (164, 15183),

Gene: Fugax_24 Start: 15824, Stop: 16510, Start Num: 16

Candidate Starts for Fugax_24:

(Start: 16 @15824 has 198 MA's), (37, 15923), (63, 16094), (64, 16097), (85, 16217), (136, 16445), (137, 16448),

Gene: Funsized_22 Start: 18420, Stop: 19223, Start Num: 19

Candidate Starts for Funsized_22:

(Start: 19 @18420 has 307 MA's), (30, 18486), (37, 18516), (39, 18531), (41, 18543), (42, 18552), (43, 18555), (60, 18666), (63, 18687), (79, 18780), (100, 18906), (105, 18936), (116, 19002), (134, 19047), (137, 19071), (147, 19116), (153, 19137), (156, 19149),

Gene: FuzzBuster_34 Start: 17131, Stop: 18030, Start Num: 14

Candidate Starts for FuzzBuster_34:

(Start: 14 @17131 has 1 MA's), (22, 17155), (36, 17227), (72, 17443), (93, 17563), (100, 17590), (116, 17692), (128, 17722), (138, 17764), (165, 17890), (169, 17911),

Gene: GMA2_18 Start: 17722, Stop: 18366, Start Num: 17

Candidate Starts for GMA2_18:

(Start: 17 @17722 has 15 MA's), (23, 17752), (39, 17833), (98, 18169), (105, 18205), (106, 18208),

Gene: GTE6_23 Start: 17681, Stop: 18376, Start Num: 15

Candidate Starts for GTE6_23:

(Start: 15 @17681 has 16 MA's), (20, 17690), (25, 17720), (37, 17780), (39, 17795), (41, 17807), (63, 17951), (80, 18050), (82, 18062), (102, 18146), (116, 18233), (140, 18317),

Gene: Gaea_23 Start: 17881, Stop: 18576, Start Num: 15

Candidate Starts for Gaea_23:

(Start: 15 @17881 has 16 MA's), (25, 17920), (38, 17992), (52, 18082), (55, 18109), (80, 18253), (82, 18265), (117, 18439), (146, 18556), (150, 18571),

Gene: Galadriel_25 Start: 18354, Stop: 19049, Start Num: 16

Candidate Starts for Galadriel_25:

(Start: 16 @18354 has 198 MA's), (20, 18363), (25, 18393), (41, 18480), (52, 18555), (73, 18669), (80, 18726), (82, 18738), (88, 18759), (117, 18912), (146, 19029), (150, 19044),

Gene: Ganandorf_29 Start: 17327, Stop: 18007, Start Num: 16

Candidate Starts for Ganandorf_29:

(Start: 16 @17327 has 198 MA's), (34, 17414), (39, 17438), (49, 17513), (52, 17525), (60, 17573), (72, 17633), (96, 17762), (100, 17774), (109, 17822), (116, 17876), (137, 17936),

Gene: Gareth_17 Start: 14403, Stop: 15203, Start Num: 19

Candidate Starts for Gareth_17:

(Start: 19 @14403 has 307 MA's), (30, 14466), (41, 14523), (42, 14532), (43, 14535), (57, 14631), (63, 14667), (84, 14784), (105, 14916), (109, 14931), (113, 14952), (116, 14982), (137, 15051), (147, 15102), (153, 15123), (163, 15177), (164, 15180),

Gene: Gazebo_27 Start: 17486, Stop: 18433, Start Num: 16

Candidate Starts for Gazebo_27:

(Start: 16 @17486 has 198 MA's), (22, 17510), (31, 17558), (40, 17606), (116, 18053), (117, 18056), (147, 18173), (170, 18278),

Gene: GeneCoco_18 Start: 14705, Stop: 15505, Start Num: 19

Candidate Starts for GeneCoco_18:

(Start: 19 @14705 has 307 MA's), (30, 14768), (41, 14825), (42, 14834), (43, 14837), (57, 14933), (63, 14969), (84, 15086), (105, 15218), (109, 15233), (113, 15254), (116, 15284), (137, 15353), (147, 15404), (163, 15479), (164, 15482),

Gene: Geodirt_22 Start: 18601, Stop: 19296, Start Num: 16

Candidate Starts for Geodirt_22:

(Start: 16 @18601 has 198 MA's), (20, 18610), (25, 18640), (41, 18727), (52, 18802), (73, 18916), (80, 18973), (82, 18985), (88, 19006), (117, 19159), (146, 19276), (150, 19291),

Gene: Gezellig_22 Start: 15288, Stop: 15974, Start Num: 16

Candidate Starts for Gezellig_22:

(Start: 16 @15288 has 198 MA's), (41, 15414), (64, 15561), (85, 15681), (116, 15837), (124, 15864), (136, 15909), (137, 15912),

Gene: GinPorsche_17 Start: 15373, Stop: 16179, Start Num: 19

Candidate Starts for GinPorsche_17:

(Start: 19 @15373 has 307 MA's), (30, 15436), (42, 15502), (43, 15505), (45, 15523), (60, 15616), (63, 15637), (69, 15658), (91, 15793), (105, 15886), (116, 15952), (129, 15985), (131, 15988), (137, 16021), (147, 16072), (153, 16093), (164, 16150),

Gene: Giraffe_18 Start: 14407, Stop: 15207, Start Num: 19

Candidate Starts for Giraffe_18:

(Start: 19 @14407 has 307 MA's), (30, 14470), (41, 14527), (42, 14536), (43, 14539), (57, 14635), (63, 14671), (84, 14788), (105, 14920), (109, 14935), (113, 14956), (116, 14986), (137, 15055), (147, 15106), (153, 15127), (163, 15181), (164, 15184),

Gene: Glorp_31 Start: 17328, Stop: 18008, Start Num: 16

Candidate Starts for Glorp_31:

(Start: 16 @17328 has 198 MA's), (34, 17415), (39, 17439), (49, 17514), (52, 17526), (60, 17574), (72, 17634), (96, 17763), (100, 17775), (109, 17823), (116, 17877), (137, 17937),

Gene: GodonK_78 Start: 39164, Stop: 39817, Start Num: 17

Candidate Starts for GodonK_78:

(Start: 17 @39164 has 15 MA's), (39, 39278), (67, 39452), (98, 39620), (103, 39641), (105, 39656), (106, 39659),

Gene: GoldenEssence_69 Start: 44959, Stop: 45615, Start Num: 17

Candidate Starts for GoldenEssence_69:

(Start: 17 @44959 has 15 MA's), (48, 45142), (63, 45229), (98, 45409), (105, 45445), (106, 45448),

Gene: Gophee_18 Start: 14684, Stop: 15484, Start Num: 19

Candidate Starts for Gophee_18:

(Start: 19 @14684 has 307 MA's), (30, 14747), (41, 14804), (42, 14813), (43, 14816), (57, 14912), (63, 14948), (84, 15065), (105, 15197), (109, 15212), (113, 15233), (116, 15263), (137, 15332), (147, 15383), (153, 15404), (163, 15458), (164, 15461),

Gene: Grand2040_17 Start: 14422, Stop: 15222, Start Num: 19

Candidate Starts for Grand2040_17:

(Start: 19 @14422 has 307 MA's), (30, 14485), (41, 14542), (42, 14551), (43, 14554), (57, 14650), (63, 14686), (84, 14803), (105, 14935), (109, 14950), (113, 14971), (116, 15001), (137, 15070), (147, 15121), (153, 15142), (163, 15196), (164, 15199),

Gene: Grassboy_29 Start: 17659, Stop: 18606, Start Num: 16

Candidate Starts for Grassboy_29:

(Start: 16 @17659 has 198 MA's), (22, 17683), (31, 17731), (40, 17779), (116, 18226), (117, 18229), (147, 18346), (170, 18451), (178, 18526),

Gene: Gustavo_23 Start: 18018, Stop: 18713, Start Num: 16

Candidate Starts for Gustavo_23:

(6, 17958), (Start: 16 @18018 has 198 MA's), (25, 18057), (52, 18219), (80, 18390), (82, 18402), (146, 18693), (150, 18708),

Gene: Gwennie1_18 Start: 14723, Stop: 15523, Start Num: 19

Candidate Starts for Gwennie1_18:

(Start: 19 @14723 has 307 MA's), (30, 14786), (41, 14843), (42, 14852), (43, 14855), (57, 14951), (63, 14987), (84, 15104), (105, 15236), (109, 15251), (113, 15272), (116, 15302), (137, 15371), (147, 15422), (153, 15443), (163, 15497), (164, 15500),

Gene: Gwilliam_18 Start: 14696, Stop: 15496, Start Num: 19

Candidate Starts for Gwilliam_18:

(Start: 19 @14696 has 307 MA's), (30, 14759), (41, 14816), (42, 14825), (43, 14828), (57, 14924), (63, 14960), (84, 15077), (105, 15209), (109, 15224), (113, 15245), (116, 15275), (137, 15344), (147, 15395), (153, 15416), (163, 15470), (164, 15473),

Gene: Gyarad_0018 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for Gyarad_0018:

(Start: 19 @14699 has 307 MA's), (30, 14762), (41, 14819), (42, 14828), (43, 14831), (57, 14927), (63, 14963), (84, 15080), (105, 15212), (109, 15227), (113, 15248), (116, 15278), (137, 15347), (147, 15398), (153, 15419), (163, 15473), (164, 15476),

Gene: HSavage_18 Start: 14707, Stop: 15507, Start Num: 19

Candidate Starts for HSavage_18:

(Start: 19 @14707 has 307 MA's), (30, 14770), (41, 14827), (42, 14836), (43, 14839), (57, 14935), (63, 14971), (84, 15088), (105, 15220), (109, 15235), (113, 15256), (116, 15286), (137, 15355), (147, 15406), (153, 15427), (163, 15481), (164, 15484),

Gene: Haimas_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for Haimas_18:

(Start: 19 @14699 has 307 MA's), (30, 14762), (41, 14819), (42, 14828), (43, 14831), (57, 14927), (63, 14963), (84, 15080), (105, 15212), (109, 15227), (113, 15248), (116, 15278), (137, 15347), (147, 15398), (153, 15419), (163, 15473), (164, 15476),

Gene: Haleema_17 Start: 14424, Stop: 15224, Start Num: 19

Candidate Starts for Haleema_17:

(Start: 19 @14424 has 307 MA's), (30, 14487), (41, 14544), (42, 14553), (43, 14556), (57, 14652), (63, 14688), (84, 14805), (105, 14937), (109, 14952), (113, 14973), (116, 15003), (137, 15072), (147, 15123), (153, 15144), (163, 15198), (164, 15201),

Gene: Hally898_17 Start: 15373, Stop: 16179, Start Num: 19

Candidate Starts for Hally898_17:

(Start: 19 @15373 has 307 MA's), (30, 15436), (42, 15502), (43, 15505), (45, 15523), (60, 15616), (63, 15637), (69, 15658), (91, 15793), (105, 15886), (116, 15952), (129, 15985), (131, 15988), (137, 16021), (147, 16072), (153, 16093), (164, 16150),

Gene: Halo3_23 Start: 15581, Stop: 16267, Start Num: 16

Candidate Starts for Halo3_23:

(Start: 16 @15581 has 198 MA's), (37, 15680), (63, 15851), (64, 15854), (85, 15974), (136, 16202), (137, 16205),

Gene: Hamish_18 Start: 14693, Stop: 15493, Start Num: 19

Candidate Starts for Hamish_18:

(Start: 19 @14693 has 307 MA's), (30, 14756), (41, 14813), (42, 14822), (43, 14825), (57, 14921), (63, 14957), (84, 15074), (105, 15206), (109, 15221), (113, 15242), (116, 15272), (137, 15341), (147, 15392), (153, 15413), (163, 15467), (164, 15470),

Gene: Hans_26 Start: 18792, Stop: 19478, Start Num: 16

Candidate Starts for Hans_26:

(Start: 16 @18792 has 198 MA's), (25, 18831), (41, 18918), (60, 19041), (64, 19065), (73, 19107), (80, 19161), (88, 19194), (118, 19350), (140, 19428), (142, 19434),

Gene: Happabalu_18 Start: 14393, Stop: 15193, Start Num: 19

Candidate Starts for Happabalu_18:

(Start: 19 @14393 has 307 MA's), (30, 14456), (41, 14513), (42, 14522), (43, 14525), (57, 14621), (63, 14657), (84, 14774), (105, 14906), (109, 14921), (113, 14942), (116, 14972), (137, 15041), (147, 15092), (153, 15113), (163, 15167), (164, 15170),

Gene: Hartsy_18 Start: 14696, Stop: 15496, Start Num: 19

Candidate Starts for Hartsy_18:

(Start: 19 @14696 has 307 MA's), (30, 14759), (41, 14816), (42, 14825), (43, 14828), (57, 14924), (63, 14960), (84, 15077), (105, 15209), (109, 15224), (113, 15245), (116, 15275), (137, 15344), (147, 15395), (153, 15416), (163, 15470), (164, 15473),

Gene: Harvey_18 Start: 14721, Stop: 15521, Start Num: 19

Candidate Starts for Harvey_18:

(Start: 19 @14721 has 307 MA's), (30, 14784), (41, 14841), (42, 14850), (43, 14853), (57, 14949), (63, 14985), (84, 15102), (105, 15234), (109, 15249), (113, 15270), (116, 15300), (137, 15369), (147, 15420), (153, 15441), (163, 15495), (164, 15498),

Gene: Hashim76_23 Start: 15905, Stop: 16705, Start Num: 19

Candidate Starts for Hashim76_23:

(Start: 19 @15905 has 307 MA's), (30, 15968), (42, 16034), (43, 16037), (63, 16169), (84, 16286), (91, 16325), (127, 16511), (137, 16553), (149, 16610),

Gene: Heath_18 Start: 16437, Stop: 17243, Start Num: 19

Candidate Starts for Heath_18:

(Start: 19 @16437 has 307 MA's), (30, 16500), (42, 16566), (43, 16569), (45, 16587), (60, 16680), (63, 16701), (69, 16722), (91, 16857), (105, 16950), (129, 17049), (131, 17052), (137, 17085), (141, 17097), (142, 17100), (147, 17136),

Gene: Held_18 Start: 14407, Stop: 15207, Start Num: 19

Candidate Starts for Held_18:

(Start: 19 @14407 has 307 MA's), (30, 14470), (41, 14527), (42, 14536), (43, 14539), (57, 14635), (63, 14671), (84, 14788), (105, 14920), (109, 14935), (113, 14956), (116, 14986), (137, 15055), (147, 15106), (153, 15127), (163, 15181), (164, 15184),

Gene: Hendrix_60 Start: 33192, Stop: 34076, Start Num: 16

Candidate Starts for Hendrix_60:

(Start: 16 @33192 has 198 MA's), (22, 33216), (49, 33378), (60, 33438), (72, 33501), (100, 33645), (117, 33750), (126, 33771), (157, 33906),

Gene: HenryJackson_17 Start: 14421, Stop: 15221, Start Num: 19

Candidate Starts for HenryJackson_17:

(Start: 19 @14421 has 307 MA's), (30, 14484), (41, 14541), (42, 14550), (43, 14553), (57, 14649), (63, 14685), (84, 14802), (105, 14934), (109, 14949), (113, 14970), (116, 15000), (137, 15069), (147, 15120), (153, 15141), (163, 15195), (164, 15198),

Gene: Hermeonysus_29 Start: 17199, Stop: 17879, Start Num: 16

Candidate Starts for Hermeonysus_29:

(Start: 16 @17199 has 198 MA's), (34, 17286), (39, 17310), (49, 17385), (52, 17397), (60, 17445), (72, 17505), (96, 17634), (100, 17646), (109, 17694), (116, 17748), (137, 17808), (152, 17868),

Gene: Hertubise_18 Start: 14714, Stop: 15514, Start Num: 19

Candidate Starts for Hertubise_18:

(Start: 19 @14714 has 307 MA's), (30, 14777), (41, 14834), (42, 14843), (43, 14846), (57, 14942), (63, 14978), (84, 15095), (105, 15227), (109, 15242), (113, 15263), (116, 15293), (137, 15362), (147, 15413), (153, 15434), (163, 15488), (164, 15491),

Gene: Hetaeria_18 Start: 14717, Stop: 15517, Start Num: 19

Candidate Starts for Hetaeria_18:

(Start: 19 @14717 has 307 MA's), (30, 14780), (41, 14837), (42, 14846), (43, 14849), (57, 14945), (63, 14981), (84, 15098), (105, 15230), (109, 15245), (113, 15266), (116, 15296), (137, 15365), (147, 15416), (153, 15437), (163, 15491), (164, 15494),

Gene: HighStump_17 Start: 14406, Stop: 15206, Start Num: 19

Candidate Starts for HighStump_17:

(Start: 19 @14406 has 307 MA's), (30, 14469), (41, 14526), (42, 14535), (43, 14538), (57, 14634), (63, 14670), (84, 14787), (105, 14919), (109, 14934), (113, 14955), (116, 14985), (137, 15054), (147, 15105), (153, 15126), (163, 15180), (164, 15183),

Gene: Hive_29 Start: 17336, Stop: 18256, Start Num: 12

Candidate Starts for Hive_29:

(Start: 12 @17336 has 19 MA's), (35, 17435), (37, 17441), (38, 17453), (41, 17468), (60, 17591), (69, 17633), (77, 17696), (96, 17792), (101, 17807), (111, 17858), (138, 17972), (140, 17978), (144, 17996), (146, 18014), (159, 18080), (177, 18176),

Gene: Hocus_17 Start: 14406, Stop: 15206, Start Num: 19

Candidate Starts for Hocus_17:

(Start: 19 @14406 has 307 MA's), (30, 14469), (41, 14526), (42, 14535), (43, 14538), (57, 14634), (63, 14670), (84, 14787), (105, 14919), (109, 14934), (113, 14955), (116, 14985), (137, 15054), (147, 15105), (153, 15126), (163, 15180), (164, 15183),

Gene: HogWash_17 Start: 14702, Stop: 15502, Start Num: 19

Candidate Starts for HogWash_17:

(Start: 19 @14702 has 307 MA's), (30, 14765), (41, 14822), (42, 14831), (43, 14834), (57, 14930), (63, 14966), (84, 15083), (105, 15215), (109, 15230), (113, 15251), (116, 15281), (137, 15350), (147, 15401), (153, 15422), (163, 15476), (164, 15479),

Gene: Honeyfin_31 Start: 17515, Stop: 18195, Start Num: 16

Candidate Starts for Honeyfin_31:

(Start: 16 @17515 has 198 MA's), (34, 17602), (39, 17626), (49, 17701), (52, 17713), (60, 17761), (72, 17821), (96, 17950), (100, 17962), (109, 18010), (116, 18064), (137, 18124),

Gene: Horchata_18 Start: 14686, Stop: 15486, Start Num: 19

Candidate Starts for Horchata_18:

(Start: 19 @14686 has 307 MA's), (30, 14749), (41, 14806), (42, 14815), (43, 14818), (57, 14914), (63, 14950), (84, 15067), (105, 15199), (109, 15214), (113, 15235), (116, 15265), (137, 15334), (147, 15385), (153, 15406), (163, 15460), (164, 15463),

Gene: Hyperion_27 Start: 17443, Stop: 18390, Start Num: 16

Candidate Starts for Hyperion_27:

(Start: 16 @17443 has 198 MA's), (22, 17467), (31, 17515), (40, 17563), (116, 18010), (117, 18013), (147, 18130), (170, 18235),

Gene: ImtiyazSitla_17 Start: 14246, Stop: 15046, Start Num: 19

Candidate Starts for ImtiyazSitla_17:

(Start: 19 @14246 has 307 MA's), (30, 14309), (41, 14366), (42, 14375), (43, 14378), (57, 14474), (63, 14510), (84, 14627), (105, 14759), (109, 14774), (113, 14795), (116, 14825), (137, 14894), (147, 14945), (153, 14966), (163, 15020), (164, 15023),

Gene: Imvubu_15 Start: 13940, Stop: 14740, Start Num: 19

Candidate Starts for Imvubu_15:

(Start: 19 @13940 has 307 MA's), (30, 14006), (32, 14012), (39, 14051), (43, 14075), (49, 14126), (60, 14186), (61, 14198), (62, 14201), (63, 14207), (79, 14300), (105, 14456), (127, 14549), (134, 14567), (137, 14591), (147, 14636), (153, 14657), (167, 14729),

Gene: Inchworm_18 Start: 14690, Stop: 15490, Start Num: 19

Candidate Starts for Inchworm_18:

(Start: 19 @14690 has 307 MA's), (30, 14753), (41, 14810), (42, 14819), (43, 14822), (57, 14918), (63, 14954), (84, 15071), (105, 15203), (109, 15218), (113, 15239), (116, 15269), (137, 15338), (147, 15389), (153, 15410), (163, 15464), (164, 15467),

Gene: Indlovu_18 Start: 16278, Stop: 17087, Start Num: 19

Candidate Starts for Indlovu_18:

(Start: 19 @16278 has 307 MA's), (30, 16344), (43, 16413), (49, 16464), (61, 16536), (62, 16539), (63, 16545), (72, 16587), (78, 16632), (89, 16683), (100, 16764), (105, 16794), (127, 16896), (137, 16938), (147, 16983),

Gene: Inspectinfecti_25 Start: 19217, Stop: 19903, Start Num: 16

Candidate Starts for Inspectinfecti_25:

(Start: 16 @19217 has 198 MA's), (25, 19256), (30, 19286), (41, 19343), (63, 19487), (73, 19532), (80, 19586), (88, 19619), (118, 19775), (140, 19853), (142, 19859),

Gene: Inverness_18 Start: 14707, Stop: 15507, Start Num: 19

Candidate Starts for Inverness_18:

(Start: 19 @14707 has 307 MA's), (30, 14770), (41, 14827), (42, 14836), (43, 14839), (57, 14935), (63, 14971), (84, 15088), (105, 15220), (109, 15235), (113, 15256), (116, 15286), (137, 15355), (147, 15406), (153, 15427), (163, 15481), (164, 15484),

Gene: Iridessa_18 Start: 14375, Stop: 15175, Start Num: 19

Candidate Starts for Iridessa_18:

(Start: 19 @14375 has 307 MA's), (30, 14438), (41, 14495), (42, 14504), (43, 14507), (57, 14603), (63, 14639), (84, 14756), (105, 14888), (109, 14903), (113, 14924), (116, 14954), (137, 15023), (147, 15074), (153, 15095), (163, 15149), (164, 15152),

Gene: Iridoclysis_18 Start: 14679, Stop: 15479, Start Num: 19

Candidate Starts for Iridoclysis_18:

(Start: 19 @14679 has 307 MA's), (30, 14742), (41, 14799), (42, 14808), (43, 14811), (57, 14907), (63, 14943), (84, 15060), (105, 15192), (109, 15207), (113, 15228), (116, 15258), (137, 15327), (147, 15378), (153, 15399), (163, 15453), (164, 15456),

Gene: IsaacEli_18 Start: 14711, Stop: 15511, Start Num: 19

Candidate Starts for IsaacEli_18:

(Start: 19 @14711 has 307 MA's), (30, 14774), (41, 14831), (42, 14840), (43, 14843), (57, 14939), (63, 14975), (84, 15092), (105, 15224), (109, 15239), (113, 15260), (116, 15290), (137, 15359), (147, 15410), (153, 15431), (163, 15485), (164, 15488),

Gene: JAMaL_18 Start: 16621, Stop: 17427, Start Num: 19

Candidate Starts for JAMaL_18:

(Start: 19 @16621 has 307 MA's), (30, 16684), (42, 16750), (43, 16753), (45, 16771), (60, 16864), (63, 16885), (69, 16906), (91, 17041), (105, 17134), (116, 17200), (129, 17233), (131, 17236), (137, 17269), (147, 17320), (153, 17341), (164, 17398),

Gene: JDog_17 Start: 14414, Stop: 15214, Start Num: 19

Candidate Starts for JDog_17:

(Start: 19 @14414 has 307 MA's), (30, 14477), (41, 14534), (42, 14543), (43, 14546), (57, 14642), (63, 14678), (84, 14795), (105, 14927), (109, 14942), (113, 14963), (116, 14993), (137, 15062), (147, 15113), (153, 15134), (163, 15188), (164, 15191),

Gene: JKSyngboy_22 Start: 18691, Stop: 19386, Start Num: 16

Candidate Starts for JKSyngboy_22:

(Start: 16 @18691 has 198 MA's), (25, 18730), (52, 18892), (80, 19063), (82, 19075), (117, 19249), (146, 19366), (150, 19381),

Gene: Jabberwocky_21 Start: 18506, Stop: 19201, Start Num: 16

Candidate Starts for Jabberwocky_21:

(Start: 16 @18506 has 198 MA's), (20, 18515), (25, 18545), (41, 18632), (52, 18707), (60, 18755), (73, 18821), (80, 18878), (82, 18890), (88, 18911), (117, 19064), (146, 19181), (150, 19196),

Gene: JacAttac_18 Start: 14690, Stop: 15490, Start Num: 19

Candidate Starts for JacAttac_18:

(Start: 19 @14690 has 307 MA's), (30, 14753), (41, 14810), (42, 14819), (43, 14822), (57, 14918), (63, 14954), (84, 15071), (105, 15203), (109, 15218), (113, 15239), (116, 15269), (137, 15338), (147, 15389), (153, 15410), (163, 15464), (164, 15467),

Gene: JaguarMi_19 Start: 16267, Stop: 17073, Start Num: 19

Candidate Starts for JaguarMi_19:

(Start: 19 @16267 has 307 MA's), (30, 16330), (43, 16399), (45, 16417), (60, 16510), (63, 16531), (69, 16552), (91, 16687), (105, 16780), (131, 16882), (137, 16915), (141, 16927), (142, 16930), (147, 16966),

Gene: JakeO_17 Start: 14414, Stop: 15214, Start Num: 19

Candidate Starts for JakeO_17:

(Start: 19 @14414 has 307 MA's), (30, 14477), (41, 14534), (42, 14543), (43, 14546), (57, 14642), (63, 14678), (84, 14795), (105, 14927), (109, 14942), (113, 14963), (116, 14993), (137, 15062), (147, 15113), (153, 15134), (163, 15188), (164, 15191),

Gene: Jambalaya_22 Start: 14935, Stop: 15621, Start Num: 16

Candidate Starts for Jambalaya_22:

(Start: 16 @14935 has 198 MA's), (37, 15034), (63, 15205), (64, 15208), (85, 15328), (136, 15556), (137, 15559),

Gene: JangoPhett_18 Start: 14691, Stop: 15491, Start Num: 19

Candidate Starts for JangoPhett_18:

(Start: 19 @14691 has 307 MA's), (30, 14754), (41, 14811), (42, 14820), (43, 14823), (57, 14919), (63, 14955), (84, 15072), (105, 15204), (109, 15219), (113, 15240), (116, 15270), (137, 15339), (147, 15390), (153, 15411), (163, 15465), (164, 15468),

Gene: Jayden_31 Start: 17251, Stop: 17931, Start Num: 16

Candidate Starts for Jayden_31:

(Start: 16 @17251 has 198 MA's), (31, 17323), (34, 17338), (39, 17362), (52, 17449), (60, 17497), (72, 17557), (100, 17698), (109, 17746), (116, 17800), (137, 17860),

Gene: Jefe_30 Start: 17252, Stop: 17932, Start Num: 16

Candidate Starts for Jefe_30:

(Start: 16 @17252 has 198 MA's), (34, 17339), (39, 17363), (49, 17438), (52, 17450), (60, 17498), (72, 17558), (96, 17687), (100, 17699), (109, 17747), (116, 17801), (137, 17861),

Gene: Jehoshaphat_30 Start: 17965, Stop: 18912, Start Num: 16

Candidate Starts for Jehoshaphat_30:

(Start: 16 @17965 has 198 MA's), (22, 17989), (31, 18037), (40, 18085), (117, 18535), (147, 18652), (170, 18757), (178, 18832),

Gene: Jesabah_18 Start: 14419, Stop: 15219, Start Num: 19

Candidate Starts for Jesabah_18:

(Start: 19 @14419 has 307 MA's), (30, 14482), (41, 14539), (42, 14548), (43, 14551), (57, 14647), (63, 14683), (84, 14800), (105, 14932), (109, 14947), (113, 14968), (116, 14998), (137, 15067), (147, 15118), (153, 15139), (163, 15193), (164, 15196),

Gene: Jillium_17 Start: 14412, Stop: 15212, Start Num: 19

Candidate Starts for Jillium_17:

(Start: 19 @14412 has 307 MA's), (30, 14475), (41, 14532), (42, 14541), (43, 14544), (57, 14640), (63, 14676), (84, 14793), (105, 14925), (109, 14940), (113, 14961), (116, 14991), (137, 15060), (147, 15111), (153, 15132), (163, 15186), (164, 15189),

Gene: Jiminy_17 Start: 14254, Stop: 15054, Start Num: 19

Candidate Starts for Jiminy_17:

(Start: 19 @14254 has 307 MA's), (30, 14317), (41, 14374), (42, 14383), (43, 14386), (57, 14482), (63, 14518), (84, 14635), (105, 14767), (109, 14782), (113, 14803), (116, 14833), (137, 14902), (147, 14953), (163, 15028), (164, 15031),

Gene: Jiraiya_17 Start: 14414, Stop: 15214, Start Num: 19

Candidate Starts for Jiraiya_17:

(Start: 19 @14414 has 307 MA's), (30, 14477), (41, 14534), (42, 14543), (43, 14546), (57, 14642), (63, 14678), (84, 14795), (105, 14927), (109, 14942), (113, 14963), (116, 14993), (137, 15062), (147, 15113), (153, 15134), (163, 15188), (164, 15191),

Gene: Jollipop_30 Start: 17597, Stop: 18277, Start Num: 16

Candidate Starts for Jollipop_30:

(Start: 16 @17597 has 198 MA's), (34, 17684), (39, 17708), (49, 17783), (52, 17795), (60, 17843), (72, 17903), (96, 18032), (100, 18044), (109, 18092), (116, 18146), (137, 18206),

Gene: Judebell_30 Start: 17473, Stop: 18420, Start Num: 16

Candidate Starts for Judebell_30:

(Start: 16 @17473 has 198 MA's), (22, 17497), (31, 17545), (40, 17593), (116, 18040), (117, 18043), (147, 18160), (170, 18265), (178, 18340),

Gene: KLUcky39_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for KLUcky39_18:

(Start: 19 @14699 has 307 MA's), (30, 14762), (41, 14819), (42, 14828), (43, 14831), (57, 14927), (63, 14963), (84, 15080), (105, 15212), (109, 15227), (113, 15248), (116, 15278), (137, 15347), (147, 15398), (153, 15419), (163, 15473), (164, 15476),

Gene: KSunshine22_78 Start: 47857, Stop: 48501, Start Num: 17

Candidate Starts for KSunshine22_78:

(Start: 17 @47857 has 15 MA's), (32, 47932), (39, 47971), (63, 48127), (98, 48307), (125, 48430),

Gene: Kahve_17 Start: 14421, Stop: 15221, Start Num: 19

Candidate Starts for Kahve_17:

(Start: 19 @14421 has 307 MA's), (30, 14484), (41, 14541), (42, 14550), (43, 14553), (57, 14649), (63, 14685), (84, 14802), (105, 14934), (109, 14949), (113, 14970), (116, 15000), (137, 15069), (147, 15120), (153, 15141), (163, 15195), (164, 15198),

Gene: KaiHaiDragon_30 Start: 17191, Stop: 17871, Start Num: 16

Candidate Starts for KaiHaiDragon_30:

(Start: 16 @17191 has 198 MA's), (34, 17278), (39, 17302), (49, 17377), (52, 17389), (60, 17437), (72, 17497), (96, 17626), (100, 17638), (109, 17686), (116, 17740), (137, 17800),

Gene: Kailash_18 Start: 14708, Stop: 15508, Start Num: 19

Candidate Starts for Kailash_18:

(Start: 19 @14708 has 307 MA's), (30, 14771), (41, 14828), (42, 14837), (43, 14840), (57, 14936), (63, 14972), (84, 15089), (105, 15221), (109, 15236), (113, 15257), (116, 15287), (137, 15356), (147, 15407), (153, 15428), (163, 15482), (164, 15485),

Gene: Kamashten_24 Start: 19151, Stop: 19846, Start Num: 16

Candidate Starts for Kamashten_24:

(Start: 16 @19151 has 198 MA's), (20, 19160), (25, 19190), (41, 19277), (52, 19352), (80, 19523), (82, 19535), (88, 19556), (117, 19709), (146, 19826),

Gene: KarasumaRum_22 Start: 16657, Stop: 17460, Start Num: 19

Candidate Starts for KarasumaRum_22:

(Start: 9 @16624 has 10 MA's), (Start: 19 @16657 has 307 MA's), (39, 16765), (40, 16771), (42, 16786), (43, 16789), (45, 16807), (63, 16921), (113, 17206), (116, 17236), (137, 17305),

Gene: Katniss_18 Start: 14718, Stop: 15518, Start Num: 19

Candidate Starts for Katniss_18:

(Start: 19 @14718 has 307 MA's), (30, 14781), (41, 14838), (42, 14847), (43, 14850), (57, 14946), (63, 14982), (84, 15099), (105, 15231), (109, 15246), (113, 15267), (116, 15297), (137, 15366), (147, 15417), (153, 15438), (163, 15492), (164, 15495),

Gene: Keitabear_25 Start: 20691, Stop: 21386, Start Num: 16

Candidate Starts for Keitabear_25:

(Start: 16 @20691 has 198 MA's), (20, 20700), (25, 20730), (41, 20817), (52, 20892), (73, 21006), (80, 21063), (82, 21075), (88, 21096), (117, 21249), (146, 21366),

Gene: Keitherie_18 Start: 14719, Stop: 15519, Start Num: 19

Candidate Starts for Keitherie_18:

(Start: 19 @14719 has 307 MA's), (30, 14782), (41, 14839), (42, 14848), (43, 14851), (57, 14947), (63, 14983), (84, 15100), (105, 15232), (109, 15247), (113, 15268), (116, 15298), (137, 15367), (147, 15418), (163, 15493), (164, 15496),

Gene: Kelcole_26 Start: 16133, Stop: 17074, Start Num: 16

Candidate Starts for Kelcole_26:

(Start: 16 @16133 has 198 MA's), (26, 16178), (76, 16472), (109, 16643), (116, 16697), (117, 16700), (142, 16778), (156, 16847), (157, 16853), (158, 16868), (179, 17012),

Gene: Kewpiedoll_24 Start: 18532, Stop: 19227, Start Num: 16

Candidate Starts for Kewpiedoll_24:

(Start: 16 @18532 has 198 MA's), (20, 18541), (25, 18571), (41, 18658), (52, 18733), (73, 18847), (80, 18904), (82, 18916), (88, 18937), (117, 19090), (146, 19207), (150, 19222),

Gene: Khan1_18 Start: 14414, Stop: 15214, Start Num: 19

Candidate Starts for Khan1_18:

(Start: 19 @14414 has 307 MA's), (30, 14477), (41, 14534), (42, 14543), (43, 14546), (57, 14642), (63, 14678), (84, 14795), (105, 14927), (109, 14942), (113, 14963), (116, 14993), (137, 15062), (147, 15113), (153, 15134), (163, 15188), (164, 15191),

Gene: Kikipoo_18 Start: 14711, Stop: 15511, Start Num: 19

Candidate Starts for Kikipoo_18:

(Start: 19 @14711 has 307 MA's), (30, 14774), (41, 14831), (42, 14840), (43, 14843), (57, 14939), (63, 14975), (84, 15092), (105, 15224), (109, 15239), (113, 15260), (116, 15290), (137, 15359), (147, 15410), (153, 15431), (163, 15485), (164, 15488),

Gene: KillerQueen_28 Start: 15928, Stop: 16869, Start Num: 16

Candidate Starts for KillerQueen_28:

(Start: 16 @15928 has 198 MA's), (26, 15973), (76, 16267), (109, 16438), (116, 16492), (117, 16495), (142, 16573), (156, 16642), (157, 16648), (158, 16663), (179, 16807),

Gene: Kimbrough_18 Start: 14409, Stop: 15209, Start Num: 19

Candidate Starts for Kimbrough_18:

(Start: 19 @14409 has 307 MA's), (30, 14472), (41, 14529), (42, 14538), (43, 14541), (57, 14637), (63, 14673), (84, 14790), (105, 14922), (109, 14937), (113, 14958), (116, 14988), (137, 15057), (147, 15108), (153, 15129), (163, 15183), (164, 15186),

Gene: KimmyK_24 Start: 15824, Stop: 16510, Start Num: 16

Candidate Starts for KimmyK_24:

(Start: 16 @15824 has 198 MA's), (37, 15923), (63, 16094), (64, 16097), (85, 16217), (136, 16445), (137, 16448),

Gene: KingTut_17 Start: 14401, Stop: 15201, Start Num: 19

Candidate Starts for KingTut_17:

(Start: 19 @14401 has 307 MA's), (30, 14464), (41, 14521), (42, 14530), (43, 14533), (57, 14629), (63, 14665), (84, 14782), (105, 14914), (109, 14929), (113, 14950), (116, 14980), (137, 15049), (147, 15100), (153, 15121), (163, 15175), (164, 15178),

Gene: KingVeVeVe_18 Start: 14688, Stop: 15488, Start Num: 19

Candidate Starts for KingVeVeVe_18:

(Start: 19 @14688 has 307 MA's), (30, 14751), (41, 14808), (42, 14817), (43, 14820), (57, 14916), (63, 14952), (84, 15069), (105, 15201), (109, 15216), (113, 15237), (116, 15267), (137, 15336), (147, 15387), (153, 15408), (163, 15462), (164, 15465),

Gene: Kithara_28 Start: 17876, Stop: 18832, Start Num: 12

Candidate Starts for Kithara_28:

(Start: 12 @17876 has 19 MA's), (26, 17930), (40, 18005), (57, 18119), (60, 18134), (62, 18149), (64, 18158), (68, 18173), (74, 18212), (80, 18257), (94, 18329), (96, 18338), (117, 18452), (137, 18527), (154, 18605), (160, 18641), (180, 18797),

Gene: KlimbOn_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for KlimbOn_18:

(Start: 19 @14699 has 307 MA's), (30, 14762), (41, 14819), (42, 14828), (43, 14831), (57, 14927), (63, 14963), (84, 15080), (105, 15212), (109, 15227), (113, 15248), (116, 15278), (137, 15347), (147, 15398), (153, 15419), (163, 15473), (164, 15476),

Gene: Kloppinator_18 Start: 14715, Stop: 15515, Start Num: 19

Candidate Starts for Kloppinator_18:

(Start: 19 @14715 has 307 MA's), (30, 14778), (41, 14835), (42, 14844), (43, 14847), (57, 14943), (63, 14979), (84, 15096), (105, 15228), (109, 15243), (113, 15264), (116, 15294), (137, 15363), (147, 15414), (153, 15435), (163, 15489), (164, 15492),

Gene: Knocker_22 Start: 18789, Stop: 19589, Start Num: 19

Candidate Starts for Knocker_22:

(Start: 19 @18789 has 307 MA's), (30, 18855), (41, 18912), (43, 18924), (49, 18975), (60, 19035), (61, 19047), (63, 19056), (72, 19098), (79, 19149), (80, 19155), (100, 19275), (116, 19371), (127, 19398), (134, 19416), (137, 19440), (147, 19485),

Gene: Kowalski_29 Start: 17307, Stop: 17987, Start Num: 16

Candidate Starts for Kowalski_29:

(Start: 16 @17307 has 198 MA's), (34, 17394), (39, 17418), (49, 17493), (52, 17505), (60, 17553), (72, 17613), (96, 17742), (100, 17754), (109, 17802), (116, 17856), (137, 17916),

Gene: Kozie_26 Start: 16975, Stop: 17667, Start Num: 16

Candidate Starts for Kozie_26:

(11, 16963), (Start: 16 @16975 has 198 MA's), (26, 17020), (39, 17086), (46, 17134), (49, 17161), (52, 17173), (55, 17200), (72, 17284), (93, 17398), (100, 17425), (117, 17530), (137, 17596),

Gene: Kroos_24 Start: 18774, Stop: 19469, Start Num: 16

Candidate Starts for Kroos_24:

(Start: 16 @18774 has 198 MA's), (25, 18813), (52, 18975), (80, 19146), (82, 19158), (117, 19332), (146, 19449), (150, 19464),

Gene: Kubulix_30 Start: 17445, Stop: 18365, Start Num: 12

Candidate Starts for Kubulix_30:

(Start: 12 @17445 has 19 MA's), (35, 17544), (37, 17550), (38, 17562), (41, 17577), (60, 17700), (69, 17742), (77, 17805), (96, 17901), (101, 17916), (111, 17967), (138, 18081), (140, 18087), (144, 18105), (146, 18123), (159, 18189), (177, 18285),

Gene: Kwadwo_17 Start: 14400, Stop: 15200, Start Num: 19

Candidate Starts for Kwadwo_17:

(Start: 19 @14400 has 307 MA's), (30, 14463), (41, 14520), (42, 14529), (43, 14532), (57, 14628), (63, 14664), (84, 14781), (105, 14913), (109, 14928), (113, 14949), (116, 14979), (137, 15048), (147, 15099), (153, 15120), (163, 15174), (164, 15177),

Gene: Kwekel_23 Start: 17125, Stop: 17814, Start Num: 15

Candidate Starts for Kwekel_23:

(Start: 15 @17125 has 16 MA's), (20, 17134), (22, 17149), (25, 17164), (37, 17224), (39, 17239), (41, 17251), (80, 17494), (82, 17506), (102, 17590), (116, 17677), (124, 17704), (129, 17716), (140, 17761),

Gene: Kwksand96_17 Start: 14264, Stop: 15064, Start Num: 19

Candidate Starts for Kwksand96_17:

(Start: 19 @14264 has 307 MA's), (30, 14327), (41, 14384), (42, 14393), (43, 14396), (57, 14492), (63, 14528), (84, 14645), (105, 14777), (109, 14792), (113, 14813), (116, 14843), (137, 14912), (147, 14963), (163, 15038), (164, 15041),

Gene: Kwobi_25 Start: 18757, Stop: 19452, Start Num: 16

Candidate Starts for Kwobi_25:

(6, 18697), (Start: 16 @18757 has 198 MA's), (25, 18796), (52, 18958), (80, 19129), (82, 19141), (146, 19432), (150, 19447),

Gene: Kyva_30 Start: 17694, Stop: 18641, Start Num: 16

Candidate Starts for Kyva_30:

(Start: 16 @17694 has 198 MA's), (22, 17718), (31, 17766), (40, 17814), (116, 18261), (117, 18264), (147, 18381), (170, 18486), (178, 18561),

Gene: Labeouficaum_17 Start: 14258, Stop: 15058, Start Num: 19

Candidate Starts for Labeouficaum_17:

(Start: 19 @14258 has 307 MA's), (30, 14321), (41, 14378), (42, 14387), (43, 14390), (57, 14486), (63, 14522), (84, 14639), (105, 14771), (109, 14786), (113, 14807), (116, 14837), (137, 14906), (147, 14957), (153, 14978), (163, 15032), (164, 15035),

Gene: Lambano_17 Start: 15373, Stop: 16179, Start Num: 19

Candidate Starts for Lambano_17:

(Start: 19 @15373 has 307 MA's), (30, 15436), (42, 15502), (43, 15505), (45, 15523), (60, 15616), (63, 15637), (69, 15658), (91, 15793), (105, 15886), (116, 15952), (129, 15985), (131, 15988), (137, 16021), (147, 16072), (153, 16093), (164, 16150),

Gene: Larson_19 Start: 14716, Stop: 15516, Start Num: 19

Candidate Starts for Larson_19:

(Start: 19 @14716 has 307 MA's), (30, 14779), (41, 14836), (42, 14845), (43, 14848), (57, 14944), (63, 14980), (84, 15097), (105, 15229), (109, 15244), (113, 15265), (116, 15295), (137, 15364), (147, 15415), (153, 15436), (163, 15490), (164, 15493),

Gene: LasagnaCat_18 Start: 14702, Stop: 15502, Start Num: 19

Candidate Starts for LasagnaCat_18:

(Start: 19 @14702 has 307 MA's), (30, 14765), (41, 14822), (42, 14831), (43, 14834), (57, 14930), (63, 14966), (84, 15083), (105, 15215), (109, 15230), (113, 15251), (116, 15281), (137, 15350), (147, 15401), (153, 15422), (163, 15476), (164, 15479),

Gene: Lasso_18 Start: 14678, Stop: 15478, Start Num: 19

Candidate Starts for Lasso_18:

(Start: 19 @14678 has 307 MA's), (30, 14741), (41, 14798), (42, 14807), (43, 14810), (57, 14906), (63, 14942), (84, 15059), (105, 15191), (109, 15206), (113, 15227), (116, 15257), (137, 15326), (147, 15377), (153, 15398), (163, 15452), (164, 15455),

Gene: Laure_85 Start: 50750, Stop: 51394, Start Num: 17

Candidate Starts for Laure_85:

(Start: 17 @50750 has 15 MA's), (23, 50783), (63, 51020), (75, 51083), (78, 51110), (80, 51122), (98, 51200),

Gene: LeeLot_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for LeeLot_18:

(Start: 19 @14699 has 307 MA's), (30, 14762), (41, 14819), (42, 14828), (43, 14831), (57, 14927), (63, 14963), (84, 15080), (105, 15212), (109, 15227), (113, 15248), (116, 15278), (137, 15347), (147, 15398), (153, 15419), (163, 15473), (164, 15476),

Gene: Lego3393_18 Start: 14715, Stop: 15515, Start Num: 19

Candidate Starts for Lego3393_18:

(Start: 19 @14715 has 307 MA's), (30, 14778), (41, 14835), (42, 14844), (43, 14847), (57, 14943), (63, 14979), (84, 15096), (105, 15228), (109, 15243), (113, 15264), (116, 15294), (137, 15363), (147, 15414), (153, 15435), (163, 15489), (164, 15492),

Gene: Legolas_17 Start: 14416, Stop: 15216, Start Num: 19

Candidate Starts for Legolas_17:

(Start: 19 @14416 has 307 MA's), (30, 14479), (41, 14536), (42, 14545), (43, 14548), (57, 14644), (63, 14680), (84, 14797), (105, 14929), (109, 14944), (113, 14965), (116, 14995), (137, 15064), (147, 15115), (153, 15136), (163, 15190), (164, 15193),

Gene: Lehmann_18 Start: 14243, Stop: 15043, Start Num: 19

Candidate Starts for Lehmann_18:

(Start: 19 @14243 has 307 MA's), (30, 14306), (41, 14363), (42, 14372), (43, 14375), (57, 14471), (63, 14507), (84, 14624), (105, 14756), (109, 14771), (113, 14792), (116, 14822), (137, 14891), (147, 14942), (153, 14963), (163, 15017), (164, 15020),

Gene: LeiMonet_18 Start: 14408, Stop: 15208, Start Num: 19

Candidate Starts for LeiMonet_18:

(Start: 19 @14408 has 307 MA's), (30, 14471), (41, 14528), (42, 14537), (43, 14540), (57, 14636), (63, 14672), (84, 14789), (105, 14921), (109, 14936), (113, 14957), (116, 14987), (137, 15056), (147, 15107), (153, 15128), (163, 15182), (164, 15185),

Gene: LemonSlice_18 Start: 14410, Stop: 15210, Start Num: 19

Candidate Starts for LemonSlice_18:

(Start: 19 @14410 has 307 MA's), (30, 14473), (41, 14530), (42, 14539), (43, 14542), (57, 14638), (63, 14674), (84, 14791), (105, 14923), (109, 14938), (113, 14959), (116, 14989), (137, 15058), (147, 15109), (153, 15130), (163, 15184), (164, 15187),

Gene: Lennon_25 Start: 19794, Stop: 20489, Start Num: 16

Candidate Starts for Lennon_25:

(Start: 16 @19794 has 198 MA's), (20, 19803), (25, 19833), (41, 19920), (52, 19995), (60, 20043), (80, 20166), (82, 20178), (88, 20199), (117, 20352), (146, 20469),

Gene: LeoJr_83 Start: 49893, Stop: 50540, Start Num: 17

Candidate Starts for LeoJr_83:

(Start: 17 @49893 has 15 MA's), (63, 50163), (98, 50343), (121, 50454),

Gene: Leonard_24 Start: 18794, Stop: 19480, Start Num: 16

Candidate Starts for Leonard_24:

(Start: 16 @18794 has 198 MA's), (25, 18833), (30, 18863), (41, 18920), (63, 19064), (73, 19109), (80, 19163), (88, 19196), (118, 19352), (140, 19430), (142, 19436),

Gene: LilHam_21 Start: 17354, Stop: 18049, Start Num: 16

Candidate Starts for LilHam_21:

(Start: 16 @17354 has 198 MA's), (25, 17393), (52, 17555), (80, 17726), (82, 17738), (117, 17912), (146, 18029), (150, 18044),

Gene: LilMcDreamy_18 Start: 16876, Stop: 17679, Start Num: 19

Candidate Starts for LilMcDreamy_18:

(Start: 19 @16876 has 307 MA's), (28, 16924), (39, 16984), (42, 17005), (43, 17008), (60, 17119), (63, 17140), (87, 17278), (91, 17299), (113, 17428), (116, 17458), (127, 17485), (137, 17527),

Gene: Lilbeanie_21 Start: 14165, Stop: 14857, Start Num: 16

Candidate Starts for Lilbeanie_21:

(Start: 16 @14165 has 198 MA's), (25, 14204), (37, 14267), (39, 14282), (74, 14495), (80, 14537), (136, 14792), (142, 14810),

Gene: LittleDigger_17 Start: 15380, Stop: 16186, Start Num: 19

Candidate Starts for LittleDigger_17:

(Start: 19 @15380 has 307 MA's), (30, 15443), (42, 15509), (43, 15512), (45, 15530), (60, 15623), (63, 15644), (69, 15665), (91, 15800), (105, 15893), (116, 15959), (129, 15992), (131, 15995), (137, 16028), (147, 16079), (153, 16100), (164, 16157),

Gene: LittleFortune_31 Start: 17557, Stop: 18237, Start Num: 16

Candidate Starts for LittleFortune_31:

(Start: 16 @17557 has 198 MA's), (34, 17644), (39, 17668), (49, 17743), (52, 17755), (60, 17803), (72, 17863), (96, 17992), (100, 18004), (109, 18052), (116, 18106), (137, 18166),

Gene: LittleMinkey_24 Start: 16090, Stop: 16890, Start Num: 19

Candidate Starts for LittleMinkey_24:

(Start: 19 @16090 has 307 MA's), (30, 16153), (42, 16219), (43, 16222), (63, 16354), (84, 16471), (91, 16510), (137, 16738), (149, 16795),

Gene: Llemily_27 Start: 16741, Stop: 17688, Start Num: 16

Candidate Starts for Llemily_27:

(Start: 16 @16741 has 198 MA's), (22, 16765), (31, 16813), (40, 16861), (117, 17311), (147, 17428), (170, 17533), (178, 17608),

Gene: Lonelysoil_27 Start: 16986, Stop: 17933, Start Num: 16

Candidate Starts for Lonelysoil_27:

(Start: 16 @16986 has 198 MA's), (22, 17010), (31, 17058), (40, 17106), (117, 17556), (147, 17673), (170, 17778), (178, 17853),

Gene: Longacauda_17 Start: 14402, Stop: 15202, Start Num: 19

Candidate Starts for Longacauda_17:

(Start: 19 @14402 has 307 MA's), (30, 14465), (41, 14522), (42, 14531), (43, 14534), (57, 14630), (63, 14666), (84, 14783), (105, 14915), (109, 14930), (113, 14951), (116, 14981), (137, 15050), (147, 15101), (153, 15122), (163, 15176), (164, 15179),

Gene: Lopsy_17 Start: 14258, Stop: 15058, Start Num: 19

Candidate Starts for Lopsy_17:

(Start: 19 @14258 has 307 MA's), (30, 14321), (41, 14378), (42, 14387), (43, 14390), (57, 14486), (63, 14522), (84, 14639), (105, 14771), (109, 14786), (113, 14807), (116, 14837), (137, 14906), (147, 14957), (153, 14978), (163, 15032), (164, 15035),

Gene: LostAndPhound_17 Start: 14412, Stop: 15212, Start Num: 19

Candidate Starts for LostAndPhound_17:

(Start: 19 @14412 has 307 MA's), (30, 14475), (41, 14532), (42, 14541), (43, 14544), (57, 14640), (63, 14676), (84, 14793), (105, 14925), (109, 14940), (113, 14961), (116, 14991), (137, 15060), (147, 15111), (153, 15132), (163, 15186), (164, 15189),

Gene: Love_25 Start: 18669, Stop: 19364, Start Num: 16

Candidate Starts for Love_25:

(Start: 16 @18669 has 198 MA's), (20, 18678), (25, 18708), (41, 18795), (52, 18870), (73, 18984), (80, 19041), (82, 19053), (88, 19074), (117, 19227), (146, 19344), (150, 19359),

Gene: LuckyMarjie_17 Start: 14424, Stop: 15224, Start Num: 19

Candidate Starts for LuckyMarjie_17:

(Start: 19 @14424 has 307 MA's), (30, 14487), (41, 14544), (42, 14553), (43, 14556), (57, 14652), (63, 14688), (84, 14805), (105, 14937), (109, 14952), (113, 14973), (116, 15003), (137, 15072), (147, 15123), (153, 15144), (163, 15198), (164, 15201),

Gene: Lucretia_30 Start: 17244, Stop: 17924, Start Num: 16

Candidate Starts for Lucretia_30:

(Start: 16 @17244 has 198 MA's), (34, 17331), (39, 17355), (49, 17430), (52, 17442), (60, 17490), (72, 17550), (96, 17679), (100, 17691), (109, 17739), (116, 17793), (137, 17853),

Gene: Lulumae_17 Start: 14401, Stop: 15201, Start Num: 19

Candidate Starts for Lulumae_17:

(Start: 19 @14401 has 307 MA's), (30, 14464), (41, 14521), (42, 14530), (43, 14533), (57, 14629), (63, 14665), (84, 14782), (105, 14914), (109, 14929), (113, 14950), (116, 14980), (137, 15049), (147, 15100), (153, 15121), (163, 15175), (164, 15178),

Gene: Lulwa_18 Start: 14690, Stop: 15490, Start Num: 19

Candidate Starts for Lulwa_18:

(Start: 19 @14690 has 307 MA's), (30, 14753), (41, 14810), (42, 14819), (43, 14822), (57, 14918), (63, 14954), (84, 15071), (105, 15203), (109, 15218), (113, 15239), (116, 15269), (137, 15338), (147, 15389), (153, 15410), (163, 15464), (164, 15467),

Gene: Lumine_17 Start: 14394, Stop: 15194, Start Num: 19

Candidate Starts for Lumine_17:

(Start: 19 @14394 has 307 MA's), (30, 14457), (41, 14514), (42, 14523), (43, 14526), (57, 14622), (63, 14658), (84, 14775), (105, 14907), (109, 14922), (113, 14943), (116, 14973), (137, 15042), (147, 15093), (153, 15114), (163, 15168), (164, 15171),

Gene: MRabcd_17 Start: 14403, Stop: 15203, Start Num: 19

Candidate Starts for MRabcd_17:

(Start: 19 @14403 has 307 MA's), (30, 14466), (41, 14523), (42, 14532), (43, 14535), (57, 14631), (63, 14667), (84, 14784), (105, 14916), (109, 14931), (113, 14952), (116, 14982), (137, 15051), (147, 15102), (153, 15123), (163, 15177), (164, 15180),

Gene: Mag7_17 Start: 14258, Stop: 15058, Start Num: 19

Candidate Starts for Mag7_17:

(Start: 19 @14258 has 307 MA's), (30, 14321), (41, 14378), (42, 14387), (43, 14390), (57, 14486), (63, 14522), (84, 14639), (105, 14771), (109, 14786), (113, 14807), (116, 14837), (137, 14906), (147, 14957), (153, 14978), (163, 15032), (164, 15035),

Gene: Magic8_18 Start: 14696, Stop: 15496, Start Num: 19

Candidate Starts for Magic8_18:

(Start: 19 @14696 has 307 MA's), (30, 14759), (41, 14816), (42, 14825), (43, 14828), (57, 14924), (63, 14960), (84, 15077), (105, 15209), (109, 15224), (113, 15245), (116, 15275), (137, 15344), (147, 15395), (153, 15416), (163, 15470), (164, 15473),

Gene: Maih_16 Start: 16945, Stop: 17643, Start Num: 18

Candidate Starts for Maih_16:

(Start: 18 @16945 has 12 MA's), (24, 16975), (28, 16993), (37, 17035), (38, 17047), (41, 17062), (43, 17074), (60, 17185), (63, 17206), (73, 17251), (83, 17317), (93, 17362), (110, 17437), (116, 17485), (117, 17488), (124, 17518), (129, 17530), (137, 17566), (152, 17632),

Gene: Mana_17 Start: 14406, Stop: 15206, Start Num: 19

Candidate Starts for Mana_17:

(Start: 19 @14406 has 307 MA's), (30, 14469), (41, 14526), (42, 14535), (43, 14538), (57, 14634), (63, 14670), (84, 14787), (105, 14919), (109, 14934), (113, 14955), (116, 14985), (137, 15054), (147, 15105), (153, 15126), (163, 15180), (164, 15183),

Gene: Manad_17 Start: 14256, Stop: 15056, Start Num: 19

Candidate Starts for Manad_17:

(Start: 19 @14256 has 307 MA's), (30, 14319), (41, 14376), (42, 14385), (43, 14388), (57, 14484), (63, 14520), (84, 14637), (105, 14769), (109, 14784), (113, 14805), (116, 14835), (137, 14904), (147,

14955), (153, 14976), (163, 15030), (164, 15033),

Gene: Marcie_32 Start: 16766, Stop: 17707, Start Num: 16

Candidate Starts for Marcie_32:

(Start: 16 @16766 has 198 MA's), (26, 16811), (76, 17105), (109, 17276), (116, 17330), (117, 17333), (126, 17351), (142, 17411), (156, 17480), (157, 17486), (158, 17501), (174, 17603), (179, 17645),

Gene: Mareelih_87 Start: 43849, Stop: 44493, Start Num: 17

Candidate Starts for Mareelih_87:

(Start: 17 @43849 has 15 MA's), (26, 43891), (39, 43960), (98, 44296), (104, 44320), (105, 44332), (106, 44335), (114, 44374),

Gene: Margaery_25 Start: 16606, Stop: 17301, Start Num: 16

Candidate Starts for Margaery_25:

(11, 16594), (Start: 16 @16606 has 198 MA's), (39, 16717), (43, 16741), (49, 16792), (52, 16804), (60, 16852), (66, 16888), (72, 16915), (93, 17029), (100, 17056), (116, 17158), (146, 17272),

Gene: Maru_17 Start: 14404, Stop: 15204, Start Num: 19

Candidate Starts for Maru_17:

(Start: 19 @14404 has 307 MA's), (30, 14467), (41, 14524), (42, 14533), (43, 14536), (57, 14632), (63, 14668), (84, 14785), (105, 14917), (109, 14932), (113, 14953), (116, 14983), (137, 15052), (147, 15103), (153, 15124), (163, 15178), (164, 15181),

Gene: Mashley_26 Start: 17257, Stop: 18204, Start Num: 16

Candidate Starts for Mashley_26:

(Start: 16 @17257 has 198 MA's), (22, 17281), (31, 17329), (40, 17377), (116, 17824), (117, 17827), (147, 17944), (170, 18049),

Gene: Maskar_17 Start: 14246, Stop: 15046, Start Num: 19

Candidate Starts for Maskar_17:

(Start: 19 @14246 has 307 MA's), (30, 14309), (41, 14366), (42, 14375), (43, 14378), (57, 14474), (63, 14510), (84, 14627), (105, 14759), (109, 14774), (113, 14795), (116, 14825), (137, 14894), (147, 14945), (153, 14966), (163, 15020), (164, 15023),

Gene: Matalotodo_18 Start: 14694, Stop: 15494, Start Num: 19

Candidate Starts for Matalotodo_18:

(Start: 19 @14694 has 307 MA's), (30, 14757), (41, 14814), (42, 14823), (43, 14826), (57, 14922), (63, 14958), (84, 15075), (105, 15207), (109, 15222), (113, 15243), (116, 15273), (137, 15342), (147, 15393), (153, 15414), (163, 15468), (164, 15471),

Gene: Matzah_26 Start: 16640, Stop: 17332, Start Num: 16

Candidate Starts for Matzah_26:

(11, 16628), (Start: 16 @16640 has 198 MA's), (26, 16685), (39, 16751), (43, 16775), (49, 16826), (52, 16838), (60, 16886), (66, 16922), (72, 16949), (93, 17063), (100, 17090), (116, 17192), (117, 17195), (146, 17306),

Gene: McCrothy_24 Start: 18574, Stop: 19269, Start Num: 16

Candidate Starts for McCrothy_24:

(Start: 16 @18574 has 198 MA's), (20, 18583), (25, 18613), (41, 18700), (52, 18775), (73, 18889), (80, 18946), (82, 18958), (88, 18979), (117, 19132), (146, 19249), (150, 19264),

Gene: McKinley_24 Start: 18700, Stop: 19395, Start Num: 16

Candidate Starts for McKinley_24:

(Start: 16 @18700 has 198 MA's), (20, 18709), (25, 18739), (41, 18826), (52, 18901), (73, 19015), (80, 19072), (82, 19084), (88, 19105), (117, 19258), (146, 19375), (150, 19390),

Gene: Mcshane_17 Start: 14400, Stop: 15200, Start Num: 19

Candidate Starts for Mcshane_17:

(Start: 19 @14400 has 307 MA's), (30, 14463), (41, 14520), (42, 14529), (43, 14532), (57, 14628), (63, 14664), (84, 14781), (105, 14913), (109, 14928), (113, 14949), (116, 14979), (137, 15048), (147, 15099), (153, 15120), (163, 15174), (164, 15177),

Gene: Mecca_17 Start: 14397, Stop: 15197, Start Num: 19

Candidate Starts for Mecca_17:

(Start: 19 @14397 has 307 MA's), (30, 14460), (41, 14517), (42, 14526), (43, 14529), (57, 14625), (63, 14661), (84, 14778), (105, 14910), (109, 14925), (113, 14946), (116, 14976), (137, 15045), (147, 15096), (153, 15117), (163, 15171), (164, 15174),

Gene: Megamind20_18 Start: 14419, Stop: 15219, Start Num: 19

Candidate Starts for Megamind20_18:

(Start: 19 @14419 has 307 MA's), (30, 14482), (41, 14539), (42, 14548), (43, 14551), (57, 14647), (63, 14683), (84, 14800), (105, 14932), (109, 14947), (113, 14968), (116, 14998), (137, 15067), (147, 15118), (153, 15139), (163, 15193), (164, 15196),

Gene: Megan_24 Start: 18489, Stop: 19178, Start Num: 16

Candidate Starts for Megan_24:

(Start: 16 @18489 has 198 MA's), (31, 18561), (35, 18579), (39, 18600), (49, 18675), (60, 18735), (72, 18795), (100, 18936), (109, 18984), (116, 19038), (137, 19110), (142, 19125),

Gene: Megatron_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for Megatron_18:

(Start: 19 @14699 has 307 MA's), (30, 14762), (41, 14819), (42, 14828), (43, 14831), (57, 14927), (63, 14963), (84, 15080), (105, 15212), (109, 15227), (113, 15248), (116, 15278), (137, 15347), (147, 15389), (153, 15419), (163, 15473), (164, 15476),

Gene: MelBins_25 Start: 18998, Stop: 19684, Start Num: 16

Candidate Starts for MelBins_25:

(Start: 16 @18998 has 198 MA's), (25, 19037), (41, 19124), (60, 19247), (73, 19313), (80, 19367), (88, 19400), (140, 19634), (142, 19640),

Gene: Melc17_18 Start: 14690, Stop: 15490, Start Num: 19

Candidate Starts for Melc17_18:

(Start: 19 @14690 has 307 MA's), (30, 14753), (41, 14810), (42, 14819), (43, 14822), (57, 14918), (63, 14954), (84, 15071), (105, 15203), (109, 15218), (113, 15239), (116, 15269), (137, 15338), (147, 15389), (153, 15410), (163, 15464), (164, 15467),

Gene: MellowYellow_26 Start: 15987, Stop: 16907, Start Num: 12

Candidate Starts for MellowYellow_26:

(Start: 12 @15987 has 19 MA's), (35, 16086), (37, 16092), (38, 16104), (41, 16119), (60, 16242), (69, 16284), (77, 16347), (96, 16443), (101, 16458), (111, 16509), (138, 16623), (140, 16629), (144, 16647), (146, 16665), (159, 16731), (177, 16827),

Gene: MelsMeow_17 Start: 14258, Stop: 15058, Start Num: 19

Candidate Starts for MelsMeow_17:

(Start: 19 @14258 has 307 MA's), (30, 14321), (41, 14378), (42, 14387), (43, 14390), (57, 14486), (63, 14522), (84, 14639), (105, 14771), (109, 14786), (113, 14807), (116, 14837), (137, 14906), (147,

14957), (163, 15032), (164, 15035),

Gene: MementoMori_26 Start: 16362, Stop: 17060, Start Num: 16

Candidate Starts for MementoMori_26:

(11, 16350), (Start: 16 @16362 has 198 MA's), (39, 16473), (43, 16497), (49, 16548), (52, 16560), (60, 16608), (66, 16644), (72, 16671), (93, 16785), (100, 16812), (116, 16914), (146, 17028),

Gene: Mentos_33 Start: 18464, Stop: 19291, Start Num: 40

Candidate Starts for Mentos_33:

(Start: 16 @18344 has 198 MA's), (22, 18368), (31, 18416), (40, 18464), (116, 18911), (117, 18914), (147, 19031), (170, 19136), (178, 19211),

Gene: Merry_ Start: 17321, Stop: 17998, Start Num: 16

Candidate Starts for Merry_:

(Start: 16 @17321 has 198 MA's), (31, 17393), (34, 17408), (36, 17414), (43, 17456), (48, 17501), (49, 17507), (52, 17519), (55, 17546), (60, 17567), (72, 17627), (85, 17705), (93, 17741), (109, 17816), (116, 17870), (134, 17906), (137, 17930),

Gene: Mesh1_18 Start: 14708, Stop: 15508, Start Num: 19

Candidate Starts for Mesh1_18:

(Start: 19 @14708 has 307 MA's), (30, 14771), (41, 14828), (42, 14837), (43, 14840), (57, 14936), (63, 14972), (84, 15089), (105, 15221), (109, 15236), (113, 15257), (116, 15287), (137, 15356), (147, 15407), (153, 15428), (163, 15482), (164, 15485),

Gene: Mesmerelda_17 Start: 14400, Stop: 15200, Start Num: 19

Candidate Starts for Mesmerelda_17:

(Start: 19 @14400 has 307 MA's), (30, 14463), (41, 14520), (42, 14529), (43, 14532), (57, 14628), (63, 14664), (84, 14781), (105, 14913), (109, 14928), (113, 14949), (116, 14979), (137, 15048), (147, 15099), (153, 15120), (163, 15174), (164, 15177),

Gene: Metamorphoo_30 Start: 17104, Stop: 17784, Start Num: 16

Candidate Starts for Metamorphoo_30:

(Start: 16 @17104 has 198 MA's), (34, 17191), (48, 17284), (49, 17290), (52, 17302), (60, 17350), (72, 17410), (93, 17524), (109, 17599), (116, 17653), (137, 17713), (152, 17773),

Gene: MichaelPhcott_17 Start: 14258, Stop: 15058, Start Num: 19

Candidate Starts for MichaelPhcott_17:

(Start: 19 @14258 has 307 MA's), (30, 14321), (41, 14378), (42, 14387), (43, 14390), (57, 14486), (63, 14522), (84, 14639), (105, 14771), (109, 14786), (113, 14807), (116, 14837), (137, 14906), (147, 14957), (153, 14978), (163, 15032), (164, 15035),

Gene: Mikota_18 Start: 14685, Stop: 15485, Start Num: 19

Candidate Starts for Mikota_18:

(Start: 19 @14685 has 307 MA's), (30, 14748), (41, 14805), (42, 14814), (43, 14817), (57, 14913), (63, 14949), (84, 15066), (105, 15198), (109, 15213), (113, 15234), (116, 15264), (137, 15333), (147, 15384), (153, 15405), (163, 15459), (164, 15462),

Gene: Mila11_31 Start: 18254, Stop: 19177, Start Num: 22

Candidate Starts for Mila11_31:

(Start: 16 @18230 has 198 MA's), (22, 18254), (31, 18302), (40, 18350), (116, 18797), (117, 18800), (147, 18917), (170, 19022),

Gene: Mimi_83 Start: 50513, Stop: 51169, Start Num: 17

Candidate Starts for Mimi_83:

(Start: 17 @50513 has 15 MA's), (48, 50696), (63, 50783), (98, 50963), (105, 50999), (106, 51002),

Gene: MiniBoss_18 Start: 14687, Stop: 15487, Start Num: 19

Candidate Starts for MiniBoss_18:

(Start: 19 @14687 has 307 MA's), (30, 14750), (41, 14807), (42, 14816), (43, 14819), (57, 14915), (63, 14951), (84, 15068), (105, 15200), (109, 15215), (113, 15236), (116, 15266), (137, 15335), (147, 15386), (153, 15407), (163, 15461), (164, 15464),

Gene: Mischief19_24 Start: 26870, Stop: 27550, Start Num: 18

Candidate Starts for Mischief19_24:

(7, 26825), (8, 26831), (Start: 18 @26870 has 12 MA's), (26, 26909), (32, 26939), (41, 26990), (59, 27104), (62, 27128), (69, 27155), (76, 27200), (94, 27296), (112, 27377), (117, 27416), (122, 27422), (124, 27437), (129, 27449), (151, 27539),

Gene: MisoSoup_21 Start: 13023, Stop: 13928, Start Num: 16

Candidate Starts for MisoSoup_21:

(Start: 16 @13023 has 198 MA's), (22, 13047), (52, 13224), (93, 13455), (100, 13482), (104, 13500), (107, 13518), (112, 13548), (116, 13584), (128, 13614), (145, 13683), (175, 13860),

Gene: MitKao_18 Start: 14406, Stop: 15206, Start Num: 19

Candidate Starts for MitKao_18:

(Start: 19 @14406 has 307 MA's), (30, 14469), (41, 14526), (42, 14535), (43, 14538), (57, 14634), (63, 14670), (84, 14787), (105, 14919), (109, 14934), (113, 14955), (116, 14985), (137, 15054), (147, 15105), (153, 15126), (163, 15180), (164, 15183),

Gene: MoontowerMania_22 Start: 17714, Stop: 18409, Start Num: 16

Candidate Starts for MoontowerMania_22:

(Start: 16 @17714 has 198 MA's), (20, 17723), (25, 17753), (41, 17840), (52, 17915), (73, 18029), (80, 18086), (82, 18098), (88, 18119), (117, 18272), (146, 18389), (150, 18404),

Gene: Morgushi_18 Start: 14410, Stop: 15210, Start Num: 19

Candidate Starts for Morgushi_18:

(Start: 19 @14410 has 307 MA's), (30, 14473), (41, 14530), (42, 14539), (43, 14542), (57, 14638), (63, 14674), (84, 14791), (105, 14923), (109, 14938), (113, 14959), (116, 14989), (137, 15058), (147, 15109), (153, 15130), (163, 15184), (164, 15187),

Gene: MorillMayhem_27 Start: 17280, Stop: 18203, Start Num: 22

Candidate Starts for MorillMayhem_27:

(Start: 16 @17256 has 198 MA's), (22, 17280), (31, 17328), (40, 17376), (116, 17823), (117, 17826), (147, 17943), (170, 18048),

Gene: Morty_18 Start: 14708, Stop: 15508, Start Num: 19

Candidate Starts for Morty_18:

(Start: 19 @14708 has 307 MA's), (30, 14771), (41, 14828), (42, 14837), (43, 14840), (57, 14936), (63, 14972), (84, 15089), (105, 15221), (109, 15236), (113, 15257), (116, 15287), (137, 15356), (147, 15407), (153, 15428), (163, 15482), (164, 15485),

Gene: Mosaic_17 Start: 14413, Stop: 15213, Start Num: 19

Candidate Starts for Mosaic_17:

(Start: 19 @14413 has 307 MA's), (30, 14476), (41, 14533), (42, 14542), (43, 14545), (57, 14641), (63, 14677), (84, 14794), (105, 14926), (109, 14941), (113, 14962), (116, 14992), (137, 15061), (147, 15112), (153, 15133), (163, 15187), (164, 15190),

Gene: MrPhizzler_18 Start: 14411, Stop: 15211, Start Num: 19

Candidate Starts for MrPhizzler_18:

(Start: 19 @14411 has 307 MA's), (30, 14474), (41, 14531), (42, 14540), (43, 14543), (57, 14639), (63, 14675), (84, 14792), (105, 14924), (109, 14939), (113, 14960), (116, 14990), (137, 15059), (147, 15110), (153, 15131), (163, 15185), (164, 15188),

Gene: Mudslide_18 Start: 16685, Stop: 17491, Start Num: 19

Candidate Starts for Mudslide_18:

(Start: 19 @16685 has 307 MA's), (30, 16748), (42, 16814), (43, 16817), (45, 16835), (60, 16928), (63, 16949), (69, 16970), (80, 17048), (91, 17105), (105, 17198), (131, 17300), (137, 17333), (141, 17345), (142, 17348), (147, 17384),

Gene: Mulan_17 Start: 14406, Stop: 15206, Start Num: 19

Candidate Starts for Mulan_17:

(Start: 19 @14406 has 307 MA's), (30, 14469), (41, 14526), (42, 14535), (43, 14538), (57, 14634), (63, 14670), (84, 14787), (105, 14919), (109, 14934), (113, 14955), (116, 14985), (137, 15054), (147, 15105), (153, 15126), (163, 15180), (164, 15183),

Gene: Murdoc_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for Murdoc_18:

(Start: 19 @14699 has 307 MA's), (30, 14762), (41, 14819), (42, 14828), (43, 14831), (57, 14927), (63, 14963), (84, 15080), (105, 15212), (109, 15227), (113, 15248), (116, 15278), (137, 15347), (147, 15398), (153, 15419), (163, 15473), (164, 15476),

Gene: Mutante_17 Start: 14409, Stop: 15209, Start Num: 19

Candidate Starts for Mutante_17:

(Start: 19 @14409 has 307 MA's), (30, 14472), (41, 14529), (42, 14538), (43, 14541), (57, 14637), (63, 14673), (84, 14790), (105, 14922), (109, 14937), (113, 14958), (116, 14988), (137, 15057), (147, 15108), (153, 15129), (163, 15183), (164, 15186),

Gene: Mutzi_24 Start: 15524, Stop: 16207, Start Num: 16

Candidate Starts for Mutzi_24:

(Start: 16 @15524 has 198 MA's), (64, 15797), (85, 15917), (116, 16073), (124, 16100), (136, 16145), (137, 16148), (142, 16163),

Gene: Mysterious_20 Start: 16746, Stop: 17582, Start Num: 9

Candidate Starts for Mysterious_20:

(Start: 9 @16746 has 10 MA's), (Start: 19 @16779 has 307 MA's), (39, 16887), (42, 16908), (43, 16911), (45, 16929), (49, 16962), (63, 17043), (80, 17142), (113, 17328), (116, 17358), (127, 17385), (137, 17427),

Gene: Nacho_0018 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for Nacho_0018:

(Start: 19 @14699 has 307 MA's), (30, 14762), (41, 14819), (42, 14828), (43, 14831), (57, 14927), (63, 14963), (84, 15080), (105, 15212), (109, 15227), (113, 15248), (116, 15278), (137, 15347), (147, 15398), (153, 15419), (163, 15473), (164, 15476),

Gene: Namago_28 Start: 16824, Stop: 17771, Start Num: 16

Candidate Starts for Namago_28:

(Start: 16 @16824 has 198 MA's), (22, 16848), (31, 16896), (40, 16944), (116, 17391), (117, 17394), (147, 17511), (170, 17616), (178, 17691),

Gene: Nanao_17 Start: 15372, Stop: 16178, Start Num: 19

Candidate Starts for Nanao_17:

(Start: 19 @15372 has 307 MA's), (30, 15435), (42, 15501), (43, 15504), (45, 15522), (60, 15615), (63, 15636), (69, 15657), (91, 15792), (105, 15885), (116, 15951), (129, 15984), (131, 15987), (137, 16020), (147, 16071), (153, 16092), (164, 16149),

Gene: Nangang_20 Start: 16468, Stop: 17304, Start Num: 9

Candidate Starts for Nangang_20:

(Start: 9 @16468 has 10 MA's), (Start: 19 @16501 has 307 MA's), (39, 16609), (42, 16630), (43, 16633), (45, 16651), (63, 16765), (108, 17023), (113, 17050), (127, 17107), (137, 17149),

Gene: Nathan_18 Start: 14709, Stop: 15509, Start Num: 19

Candidate Starts for Nathan_18:

(Start: 19 @14709 has 307 MA's), (30, 14772), (41, 14829), (42, 14838), (43, 14841), (57, 14937), (63, 14973), (84, 15090), (105, 15222), (109, 15237), (113, 15258), (116, 15288), (137, 15357), (147, 15408), (153, 15429), (163, 15483), (164, 15486),

Gene: Natkenzie_24 Start: 18964, Stop: 19614, Start Num: 25

Candidate Starts for Natkenzie_24:

(5, 18841), (6, 18868), (Start: 15 @18925 has 16 MA's), (25, 18964), (28, 18979), (39, 19039), (80, 19294), (140, 19561), (146, 19597),

Gene: Nehemiah_19 Start: 16746, Stop: 17582, Start Num: 9

Candidate Starts for Nehemiah_19:

(Start: 9 @16746 has 10 MA's), (Start: 19 @16779 has 307 MA's), (39, 16887), (42, 16908), (43, 16911), (45, 16929), (49, 16962), (63, 17043), (80, 17142), (113, 17328), (116, 17358), (127, 17385), (137, 17427),

Gene: Newman_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for Newman_18:

(Start: 19 @14699 has 307 MA's), (30, 14762), (41, 14819), (42, 14828), (43, 14831), (57, 14927), (63, 14963), (84, 15080), (105, 15212), (109, 15227), (113, 15248), (116, 15278), (137, 15347), (147, 15398), (153, 15419), (163, 15473), (164, 15476),

Gene: Nicole21_18 Start: 14691, Stop: 15491, Start Num: 19

Candidate Starts for Nicole21_18:

(Start: 19 @14691 has 307 MA's), (30, 14754), (41, 14811), (42, 14820), (43, 14823), (57, 14919), (63, 14955), (84, 15072), (105, 15204), (109, 15219), (113, 15240), (116, 15270), (137, 15339), (147, 15390), (153, 15411), (163, 15465), (164, 15468),

Gene: Nicole72_25 Start: 18875, Stop: 19567, Start Num: 16

Candidate Starts for Nicole72_25:

(Start: 16 @18875 has 198 MA's), (30, 18944), (39, 18986), (49, 19061), (57, 19106), (60, 19121), (72, 19181), (93, 19295), (104, 19340), (109, 19370), (116, 19424), (119, 19430), (137, 19499), (142, 19514),

Gene: Nikan_24 Start: 16500, Stop: 17420, Start Num: 12

Candidate Starts for Nikan_24:

(Start: 12 @16500 has 19 MA's), (29, 16569), (41, 16632), (58, 16743), (60, 16755), (69, 16797), (79, 16872), (104, 16986), (111, 17022), (120, 17076), (138, 17136), (140, 17142), (148, 17187), (159, 17244),

Gene: Nike_28 Start: 17776, Stop: 18723, Start Num: 16

Candidate Starts for Nike_28:

(Start: 16 @17776 has 198 MA's), (22, 17800), (31, 17848), (40, 17896), (60, 18025), (116, 18343), (117, 18346), (147, 18463), (170, 18568),

Gene: NoodlelyBoi_30 Start: 17634, Stop: 18314, Start Num: 16

Candidate Starts for NoodlelyBoi_30:

(Start: 16 @17634 has 198 MA's), (34, 17721), (39, 17745), (49, 17820), (52, 17832), (60, 17880), (72, 17940), (100, 18081), (109, 18129), (116, 18183), (137, 18243),

Gene: Nordenberg_18 Start: 16979, Stop: 17674, Start Num: 16

Candidate Starts for Nordenberg_18:

(Start: 16 @16979 has 198 MA's), (20, 16988), (25, 17018), (41, 17105), (52, 17180), (73, 17294), (80, 17351), (82, 17363), (88, 17384), (117, 17537), (146, 17654), (150, 17669),

Gene: Nubi_22 Start: 15176, Stop: 15862, Start Num: 16

Candidate Starts for Nubi_22:

(Start: 16 @15176 has 198 MA's), (37, 15275), (63, 15446), (64, 15449), (85, 15569), (136, 15797), (137, 15800),

Gene: Numberten_18 Start: 14702, Stop: 15502, Start Num: 19

Candidate Starts for Numberten_18:

(Start: 19 @14702 has 307 MA's), (30, 14765), (41, 14822), (42, 14831), (43, 14834), (57, 14930), (63, 14966), (84, 15083), (105, 15215), (109, 15230), (113, 15251), (116, 15281), (137, 15350), (147, 15401), (153, 15422), (163, 15476), (164, 15479),

Gene: Nyala_17 Start: 14401, Stop: 15201, Start Num: 19

Candidate Starts for Nyala_17:

(Start: 19 @14401 has 307 MA's), (30, 14464), (41, 14521), (42, 14530), (43, 14533), (57, 14629), (63, 14665), (84, 14782), (105, 14914), (109, 14929), (113, 14950), (116, 14980), (137, 15049), (147, 15100), (153, 15121), (163, 15175), (164, 15178),

Gene: NyleyClemson_25 Start: 15932, Stop: 16852, Start Num: 12

Candidate Starts for NyleyClemson_25:

(Start: 12 @15932 has 19 MA's), (35, 16031), (37, 16037), (38, 16049), (41, 16064), (60, 16187), (69, 16229), (77, 16292), (96, 16388), (101, 16403), (111, 16454), (138, 16568), (140, 16574), (144, 16592), (146, 16610), (159, 16676), (177, 16772),

Gene: OSmaximus_18 Start: 14709, Stop: 15509, Start Num: 19

Candidate Starts for OSmaximus_18:

(Start: 19 @14709 has 307 MA's), (30, 14772), (41, 14829), (42, 14838), (43, 14841), (57, 14937), (63, 14973), (84, 15090), (105, 15222), (109, 15237), (113, 15258), (116, 15288), (137, 15357), (147, 15408), (153, 15429), (163, 15483), (164, 15486),

Gene: Odyssey395_31 Start: 17447, Stop: 18367, Start Num: 12

Candidate Starts for Odyssey395_31:

(Start: 12 @17447 has 19 MA's), (35, 17546), (37, 17552), (38, 17564), (41, 17579), (60, 17702), (69, 17744), (77, 17807), (96, 17903), (101, 17918), (111, 17969), (138, 18083), (140, 18089), (144, 18107), (146, 18125), (159, 18191), (177, 18287),

Gene: Olak_17 Start: 14398, Stop: 15198, Start Num: 19

Candidate Starts for Olak_17:

(Start: 19 @14398 has 307 MA's), (30, 14461), (41, 14518), (42, 14527), (43, 14530), (57, 14626), (63, 14662), (84, 14779), (105, 14911), (109, 14926), (113, 14947), (116, 14977), (137, 15046), (147,

15097), (153, 15118), (163, 15172), (164, 15175),

Gene: Oline_17 Start: 14258, Stop: 15058, Start Num: 19

Candidate Starts for Oline_17:

(Start: 19 @14258 has 307 MA's), (30, 14321), (41, 14378), (42, 14387), (43, 14390), (57, 14486), (63, 14522), (84, 14639), (105, 14771), (109, 14786), (113, 14807), (116, 14837), (137, 14906), (147, 14957), (153, 14978), (163, 15032), (164, 15035),

Gene: Olive_18 Start: 14690, Stop: 15490, Start Num: 19

Candidate Starts for Olive_18:

(Start: 19 @14690 has 307 MA's), (30, 14753), (41, 14810), (42, 14819), (43, 14822), (57, 14918), (63, 14954), (84, 15071), (105, 15203), (109, 15218), (113, 15239), (116, 15269), (137, 15338), (147, 15389), (153, 15410), (163, 15464), (164, 15467),

Gene: OliverWalter_18 Start: 14707, Stop: 15507, Start Num: 19

Candidate Starts for OliverWalter_18:

(Start: 19 @14707 has 307 MA's), (30, 14770), (41, 14827), (42, 14836), (43, 14839), (57, 14935), (63, 14971), (84, 15088), (105, 15220), (109, 15235), (113, 15256), (116, 15286), (137, 15355), (147, 15406), (153, 15427), (163, 15481), (164, 15484),

Gene: Ollypop_27 Start: 16525, Stop: 17445, Start Num: 12

Candidate Starts for Ollypop_27:

(Start: 12 @16525 has 19 MA's), (41, 16657), (58, 16768), (60, 16780), (69, 16822), (104, 17011), (111, 17047), (138, 17161), (140, 17167), (148, 17212), (153, 17230), (159, 17269),

Gene: Omniscient_18 Start: 14708, Stop: 15508, Start Num: 19

Candidate Starts for Omniscient_18:

(Start: 19 @14708 has 307 MA's), (30, 14771), (41, 14828), (42, 14837), (43, 14840), (57, 14936), (63, 14972), (84, 15089), (105, 15221), (109, 15236), (113, 15257), (116, 15287), (137, 15356), (147, 15407), (153, 15428), (163, 15482), (164, 15485),

Gene: OneinaGillian_27 Start: 15783, Stop: 16724, Start Num: 16

Candidate Starts for OneinaGillian_27:

(Start: 16 @15783 has 198 MA's), (26, 15828), (76, 16122), (109, 16293), (116, 16347), (117, 16350), (142, 16428), (156, 16497), (157, 16503), (158, 16518), (179, 16662),

Gene: Onika_29 Start: 17281, Stop: 17961, Start Num: 16

Candidate Starts for Onika_29:

(Start: 16 @17281 has 198 MA's), (34, 17368), (39, 17392), (49, 17467), (52, 17479), (60, 17527), (72, 17587), (96, 17716), (100, 17728), (109, 17776), (116, 17830), (137, 17890), (152, 17950),

Gene: Oosterbaan_18 Start: 14700, Stop: 15500, Start Num: 19

Candidate Starts for Oosterbaan_18:

(Start: 19 @14700 has 307 MA's), (30, 14763), (41, 14820), (42, 14829), (43, 14832), (57, 14928), (63, 14964), (84, 15081), (105, 15213), (109, 15228), (113, 15249), (116, 15279), (137, 15348), (147, 15399), (153, 15420), (163, 15474), (164, 15477),

Gene: Orfeu_17 Start: 14399, Stop: 15199, Start Num: 19

Candidate Starts for Orfeu_17:

(Start: 19 @14399 has 307 MA's), (30, 14462), (41, 14519), (42, 14528), (43, 14531), (57, 14627), (63, 14663), (84, 14780), (105, 14912), (109, 14927), (113, 14948), (116, 14978), (137, 15047), (147, 15098), (153, 15119), (163, 15173), (164, 15176),

Gene: Orion_18 Start: 14700, Stop: 15500, Start Num: 19

Candidate Starts for Orion_18:

(Start: 19 @14700 has 307 MA's), (30, 14763), (41, 14820), (42, 14829), (43, 14832), (57, 14928), (63, 14964), (84, 15081), (105, 15213), (109, 15228), (113, 15249), (116, 15279), (137, 15348), (147, 15399), (153, 15420), (163, 15474), (164, 15477),

Gene: Orwigg_17 Start: 14392, Stop: 15192, Start Num: 19

Candidate Starts for Orwigg_17:

(Start: 19 @14392 has 307 MA's), (30, 14455), (41, 14512), (42, 14521), (43, 14524), (57, 14620), (63, 14656), (84, 14773), (105, 14905), (109, 14920), (113, 14941), (116, 14971), (137, 15040), (147, 15091), (153, 15112), (163, 15166), (164, 15169),

Gene: PG1_18 Start: 14712, Stop: 15512, Start Num: 19

Candidate Starts for PG1_18:

(Start: 19 @14712 has 307 MA's), (30, 14775), (41, 14832), (42, 14841), (43, 14844), (57, 14940), (63, 14976), (84, 15093), (105, 15225), (109, 15240), (113, 15261), (116, 15291), (137, 15360), (147, 15411), (153, 15432), (163, 15486), (164, 15489),

Gene: Pacifista_17 Start: 14403, Stop: 15203, Start Num: 19

Candidate Starts for Pacifista_17:

(Start: 19 @14403 has 307 MA's), (30, 14466), (41, 14523), (42, 14532), (43, 14535), (57, 14631), (63, 14667), (84, 14784), (105, 14916), (109, 14931), (113, 14952), (116, 14982), (137, 15051), (147, 15102), (153, 15123), (163, 15177), (164, 15180),

Gene: PallasAthena_18 Start: 14407, Stop: 15207, Start Num: 19

Candidate Starts for PallasAthena_18:

(Start: 19 @14407 has 307 MA's), (30, 14470), (41, 14527), (42, 14536), (43, 14539), (57, 14635), (63, 14671), (84, 14788), (105, 14920), (109, 14935), (113, 14956), (116, 14986), (137, 15055), (147, 15106), (153, 15127), (163, 15181), (164, 15184),

Gene: Panchaali_81 Start: 47609, Stop: 48253, Start Num: 17

Candidate Starts for Panchaali_81:

(Start: 17 @47609 has 15 MA's), (63, 47879), (98, 48059),

Gene: Paries_24 Start: 18356, Stop: 19051, Start Num: 16

Candidate Starts for Paries_24:

(Start: 16 @18356 has 198 MA's), (20, 18365), (25, 18395), (41, 18482), (52, 18557), (73, 18671), (80, 18728), (82, 18740), (88, 18761), (117, 18914), (146, 19031), (150, 19046),

Gene: Paschalis_29 Start: 17295, Stop: 17975, Start Num: 16

Candidate Starts for Paschalis_29:

(Start: 16 @17295 has 198 MA's), (34, 17382), (39, 17406), (49, 17481), (52, 17493), (60, 17541), (72, 17601), (96, 17730), (100, 17742), (109, 17790), (116, 17844), (137, 17904),

Gene: Patbob_84 Start: 51385, Stop: 52041, Start Num: 17

Candidate Starts for Patbob_84:

(Start: 17 @51385 has 15 MA's), (48, 51568), (63, 51655), (98, 51835), (105, 51871), (106, 51874),

Gene: PenguinLover67_21 Start: 17669, Stop: 18469, Start Num: 19

Candidate Starts for PenguinLover67_21:

(Start: 19 @17669 has 307 MA's), (30, 17735), (36, 17762), (43, 17804), (61, 17927), (62, 17930), (63, 17936), (72, 17978), (91, 18092), (100, 18155), (105, 18185), (116, 18251), (127, 18278), (129, 18284), (137, 18320), (147, 18365), (164, 18443),

Gene: Pepe25_26 Start: 16117, Stop: 17058, Start Num: 16

Candidate Starts for Pepe25_26:

(Start: 16 @16117 has 198 MA's), (26, 16162), (37, 16216), (76, 16456), (117, 16684), (142, 16762), (147, 16798), (158, 16852), (179, 16996),

Gene: Phabia_28 Start: 17159, Stop: 18106, Start Num: 16

Candidate Starts for Phabia_28:

(Start: 16 @17159 has 198 MA's), (22, 17183), (31, 17231), (40, 17279), (117, 17729), (147, 17846), (170, 17951), (178, 18026),

Gene: Phamished_18 Start: 14705, Stop: 15505, Start Num: 19

Candidate Starts for Phamished_18:

(Start: 19 @14705 has 307 MA's), (30, 14768), (41, 14825), (42, 14834), (43, 14837), (57, 14933), (63, 14969), (84, 15086), (105, 15218), (109, 15233), (113, 15254), (116, 15284), (137, 15353), (147, 15404), (153, 15425), (163, 15479), (164, 15482),

Gene: Phareon_18 Start: 14406, Stop: 15206, Start Num: 19

Candidate Starts for Phareon_18:

(Start: 19 @14406 has 307 MA's), (30, 14469), (41, 14526), (42, 14535), (43, 14538), (57, 14634), (63, 14670), (84, 14787), (105, 14919), (109, 14934), (113, 14955), (116, 14985), (137, 15054), (147, 15105), (153, 15126), (164, 15183),

Gene: PhatCats2014_18 Start: 14715, Stop: 15515, Start Num: 19

Candidate Starts for PhatCats2014_18:

(Start: 19 @14715 has 307 MA's), (30, 14778), (41, 14835), (42, 14844), (43, 14847), (57, 14943), (63, 14979), (84, 15096), (105, 15228), (109, 15243), (113, 15264), (116, 15294), (137, 15363), (147, 15414), (153, 15435), (163, 15489), (164, 15492),

Gene: PhatLouie_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for PhatLouie_18:

(Start: 19 @14699 has 307 MA's), (30, 14762), (41, 14819), (42, 14828), (43, 14831), (57, 14927), (63, 14963), (84, 15080), (105, 15212), (109, 15227), (113, 15248), (116, 15278), (137, 15347), (147, 15398), (163, 15473), (164, 15476),

Gene: Phauci_17 Start: 15379, Stop: 16065, Start Num: 16

Candidate Starts for Phauci_17:

(Start: 16 @15379 has 198 MA's), (25, 15418), (41, 15505), (60, 15628), (64, 15652), (73, 15694), (80, 15748), (88, 15781), (118, 15937), (140, 16015), (142, 16021),

Gene: PhedwardCullen_28 Start: 17040, Stop: 17720, Start Num: 16

Candidate Starts for PhedwardCullen_28:

(Start: 16 @17040 has 198 MA's), (34, 17127), (39, 17151), (49, 17226), (52, 17238), (60, 17286), (72, 17346), (96, 17475), (100, 17487), (109, 17535), (116, 17589), (137, 17649),

Gene: Phelemich_20 Start: 16751, Stop: 17587, Start Num: 9

Candidate Starts for Phelemich_20:

(2, 16640), (Start: 9 @16751 has 10 MA's), (Start: 19 @16784 has 307 MA's), (39, 16892), (42, 16913), (43, 16916), (45, 16934), (49, 16967), (63, 17048), (80, 17147), (113, 17333), (116, 17363), (127, 17390), (137, 17432), (147, 17483),

Gene: Phendrix_76 Start: 39032, Stop: 39685, Start Num: 17

Candidate Starts for Phendrix_76:

(Start: 17 @39032 has 15 MA's), (39, 39146), (53, 39245), (67, 39320), (98, 39488), (103, 39509), (105, 39524), (106, 39527),

Gene: PhenghisKhan_17 Start: 14258, Stop: 15058, Start Num: 19

Candidate Starts for PhenghisKhan_17:

(Start: 19 @14258 has 307 MA's), (30, 14321), (41, 14378), (42, 14387), (43, 14390), (57, 14486), (63, 14522), (84, 14639), (105, 14771), (109, 14786), (113, 14807), (116, 14837), (137, 14906), (147, 14957), (153, 14978), (163, 15032), (164, 15035),

Gene: Pherdinand_18 Start: 14703, Stop: 15503, Start Num: 19

Candidate Starts for Pherdinand_18:

(Start: 19 @14703 has 307 MA's), (30, 14766), (41, 14823), (42, 14832), (43, 14835), (57, 14931), (63, 14967), (84, 15084), (105, 15216), (109, 15231), (113, 15252), (116, 15282), (137, 15351), (147, 15402), (153, 15423), (163, 15477), (164, 15480),

Gene: Phergie_17 Start: 14252, Stop: 15052, Start Num: 19

Candidate Starts for Phergie_17:

(Start: 19 @14252 has 307 MA's), (30, 14315), (41, 14372), (42, 14381), (43, 14384), (57, 14480), (63, 14516), (84, 14633), (105, 14765), (109, 14780), (113, 14801), (116, 14831), (137, 14900), (147, 14951), (153, 14972), (163, 15026), (164, 15029),

Gene: Phinally_24 Start: 18791, Stop: 19477, Start Num: 16

Candidate Starts for Phinally_24:

(Start: 16 @18791 has 198 MA's), (25, 18830), (30, 18860), (41, 18917), (63, 19061), (73, 19106), (80, 19160), (88, 19193), (118, 19349), (140, 19427), (142, 19433),

Gene: Phinky_34 Start: 17968, Stop: 18915, Start Num: 16

Candidate Starts for Phinky_34:

(Start: 16 @17968 has 198 MA's), (22, 17992), (40, 18088), (80, 18340), (116, 18535), (117, 18538), (137, 18604), (147, 18655), (170, 18760), (179, 18853),

Gene: Phipps_18 Start: 14678, Stop: 15478, Start Num: 19

Candidate Starts for Phipps_18:

(Start: 19 @14678 has 307 MA's), (30, 14741), (41, 14798), (42, 14807), (43, 14810), (57, 14906), (63, 14942), (84, 15059), (105, 15191), (109, 15206), (113, 15227), (116, 15257), (137, 15326), (147, 15377), (153, 15398), (163, 15452), (164, 15455),

Gene: Phleuron_17 Start: 14258, Stop: 15058, Start Num: 19

Candidate Starts for Phleuron_17:

(Start: 19 @14258 has 307 MA's), (30, 14321), (41, 14378), (42, 14387), (43, 14390), (57, 14486), (63, 14522), (84, 14639), (105, 14771), (109, 14786), (113, 14807), (116, 14837), (137, 14906), (147, 14957), (153, 14978), (163, 15032), (164, 15035),

Gene: Phlop_22 Start: 15240, Stop: 15926, Start Num: 16

Candidate Starts for Phlop_22:

(Start: 16 @15240 has 198 MA's), (41, 15366), (64, 15513), (85, 15633), (116, 15789), (124, 15816), (136, 15861), (137, 15864),

Gene: Phorgeous_29 Start: 17148, Stop: 17828, Start Num: 16

Candidate Starts for Phorgeous_29:

(Start: 16 @17148 has 198 MA's), (34, 17235), (39, 17259), (49, 17334), (52, 17346), (60, 17394), (72, 17454), (96, 17583), (100, 17595), (109, 17643), (116, 17697), (137, 17757), (152, 17817),

Gene: Phrampa_77 Start: 48087, Stop: 48746, Start Num: 17

Candidate Starts for Phrampa_77:

(Start: 17 @48087 has 15 MA's), (48, 48270), (63, 48357), (98, 48540), (105, 48576), (106, 48579),

Gene: Phrancesco_30 Start: 17426, Stop: 18106, Start Num: 16

Candidate Starts for Phrancesco_30:

(Start: 16 @17426 has 198 MA's), (34, 17513), (39, 17537), (49, 17612), (52, 17624), (60, 17672), (72, 17732), (96, 17861), (100, 17873), (109, 17921), (116, 17975), (137, 18035), (152, 18095),

Gene: PhrankReynolds_17 Start: 14258, Stop: 15058, Start Num: 19

Candidate Starts for PhrankReynolds_17:

(Start: 19 @14258 has 307 MA's), (30, 14321), (41, 14378), (42, 14387), (43, 14390), (57, 14486), (63, 14522), (84, 14639), (105, 14771), (109, 14786), (113, 14807), (116, 14837), (137, 14906), (147, 14957), (153, 14978), (163, 15032), (164, 15035),

Gene: PhrodoBaggins_17 Start: 14693, Stop: 15493, Start Num: 19

Candidate Starts for PhrodoBaggins_17:

(Start: 19 @14693 has 307 MA's), (30, 14756), (41, 14813), (42, 14822), (43, 14825), (57, 14921), (63, 14957), (84, 15074), (105, 15206), (109, 15221), (113, 15242), (116, 15272), (137, 15341), (147, 15392), (153, 15413), (163, 15467), (164, 15470),

Gene: Phunky_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for Phunky_18:

(Start: 19 @14699 has 307 MA's), (30, 14762), (41, 14819), (42, 14828), (43, 14831), (57, 14927), (63, 14963), (84, 15080), (105, 15212), (109, 15227), (113, 15248), (116, 15278), (137, 15347), (147, 15398), (153, 15419), (163, 15473), (164, 15476),

Gene: PhuzzTulsa_27 Start: 17234, Stop: 18154, Start Num: 12

Candidate Starts for PhuzzTulsa_27:

(Start: 12 @17234 has 19 MA's), (35, 17333), (37, 17339), (38, 17351), (41, 17366), (60, 17489), (69, 17531), (77, 17594), (96, 17690), (101, 17705), (111, 17756), (138, 17870), (140, 17876), (144, 17894), (146, 17912), (159, 17978), (177, 18074),

Gene: PierreOrion_30 Start: 17450, Stop: 18130, Start Num: 16

Candidate Starts for PierreOrion_30:

(Start: 16 @17450 has 198 MA's), (34, 17537), (39, 17561), (49, 17636), (52, 17648), (60, 17696), (72, 17756), (96, 17885), (100, 17897), (109, 17945), (116, 17999), (137, 18059),

Gene: Piglet_0017 Start: 14702, Stop: 15502, Start Num: 19

Candidate Starts for Piglet_0017:

(Start: 19 @14702 has 307 MA's), (30, 14765), (41, 14822), (42, 14831), (43, 14834), (57, 14930), (63, 14966), (84, 15083), (105, 15215), (109, 15230), (113, 15251), (116, 15281), (137, 15350), (147, 15401), (153, 15422), (163, 15476), (164, 15479),

Gene: PinheadLarry_18 Start: 14418, Stop: 15218, Start Num: 19

Candidate Starts for PinheadLarry_18:

(Start: 19 @14418 has 307 MA's), (30, 14481), (41, 14538), (42, 14547), (43, 14550), (57, 14646), (63, 14682), (84, 14799), (105, 14931), (109, 14946), (113, 14967), (116, 14997), (137, 15066), (147, 15117), (153, 15138), (163, 15192), (164, 15195),

Gene: PinkCoffee_24 Start: 15833, Stop: 16519, Start Num: 16

Candidate Starts for PinkCoffee_24:

(Start: 16 @15833 has 198 MA's), (37, 15932), (63, 16103), (64, 16106), (85, 16226), (136, 16454), (137, 16457),

Gene: Pinkman_17 Start: 14258, Stop: 15058, Start Num: 19

Candidate Starts for Pinkman_17:

(Start: 19 @14258 has 307 MA's), (30, 14321), (41, 14378), (42, 14387), (43, 14390), (57, 14486), (63, 14522), (84, 14639), (105, 14771), (109, 14786), (113, 14807), (116, 14837), (137, 14906), (147, 14957), (163, 15032), (164, 15035),

Gene: PiperSansNom_30 Start: 17602, Stop: 18282, Start Num: 16

Candidate Starts for PiperSansNom_30:

(Start: 16 @17602 has 198 MA's), (34, 17689), (39, 17713), (49, 17788), (52, 17800), (60, 17848), (72, 17908), (96, 18037), (100, 18049), (109, 18097), (116, 18151), (137, 18211),

Gene: Piperis_30 Start: 17272, Stop: 17952, Start Num: 16

Candidate Starts for Piperis_30:

(Start: 16 @17272 has 198 MA's), (34, 17359), (39, 17383), (49, 17458), (52, 17470), (60, 17518), (72, 17578), (96, 17707), (100, 17719), (109, 17767), (116, 17821), (137, 17881),

Gene: Pipsqueak_18 Start: 14705, Stop: 15505, Start Num: 19

Candidate Starts for Pipsqueak_18:

(Start: 19 @14705 has 307 MA's), (30, 14768), (41, 14825), (42, 14834), (43, 14837), (57, 14933), (63, 14969), (84, 15086), (105, 15218), (109, 15233), (113, 15254), (116, 15284), (137, 15353), (147, 15404), (153, 15425), (163, 15479), (164, 15482),

Gene: Placalicious_17 Start: 14400, Stop: 15200, Start Num: 19

Candidate Starts for Placalicious_17:

(Start: 19 @14400 has 307 MA's), (30, 14463), (41, 14520), (42, 14529), (43, 14532), (57, 14628), (63, 14664), (84, 14781), (105, 14913), (109, 14928), (113, 14949), (116, 14979), (137, 15048), (147, 15099), (153, 15120), (163, 15174), (164, 15177),

Gene: Plata_18 Start: 14414, Stop: 15214, Start Num: 19

Candidate Starts for Plata_18:

(Start: 19 @14414 has 307 MA's), (30, 14477), (41, 14534), (42, 14543), (43, 14546), (57, 14642), (63, 14678), (84, 14795), (105, 14927), (109, 14942), (113, 14963), (116, 14993), (137, 15062), (147, 15113), (163, 15188), (164, 15191),

Gene: Plmatters_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for Plmatters_18:

(Start: 19 @14699 has 307 MA's), (30, 14762), (41, 14819), (42, 14828), (43, 14831), (57, 14927), (63, 14963), (84, 15080), (105, 15212), (109, 15227), (113, 15248), (116, 15278), (137, 15347), (147, 15398), (153, 15419), (163, 15473), (164, 15476),

Gene: Podrick_18 Start: 14690, Stop: 15490, Start Num: 19

Candidate Starts for Podrick_18:

(Start: 19 @14690 has 307 MA's), (30, 14753), (41, 14810), (42, 14819), (43, 14822), (57, 14918), (63, 14954), (84, 15071), (105, 15203), (109, 15218), (113, 15239), (116, 15269), (137, 15338), (147, 15389), (153, 15410), (163, 15464), (164, 15467),

Gene: Pointis_29 Start: 17451, Stop: 18371, Start Num: 12

Candidate Starts for Pointis_29:

(Start: 12 @17451 has 19 MA's), (35, 17550), (37, 17556), (38, 17568), (41, 17583), (60, 17706), (69, 17748), (77, 17811), (96, 17907), (101, 17922), (111, 17973), (138, 18087), (140, 18093), (144,

18111), (146, 18129), (159, 18195), (177, 18291),

Gene: Pops_18 Start: 14702, Stop: 15502, Start Num: 19

Candidate Starts for Pops_18:

(Start: 19 @14702 has 307 MA's), (30, 14765), (41, 14822), (42, 14831), (43, 14834), (57, 14930), (63, 14966), (84, 15083), (105, 15215), (109, 15230), (113, 15251), (116, 15281), (137, 15350), (147, 15401), (153, 15422), (163, 15476), (164, 15479),

Gene: Popstraw_27 Start: 17237, Stop: 18157, Start Num: 12

Candidate Starts for Popstraw_27:

(Start: 12 @17237 has 19 MA's), (35, 17336), (37, 17342), (38, 17354), (41, 17369), (60, 17492), (69, 17534), (77, 17597), (96, 17693), (101, 17708), (111, 17759), (138, 17873), (140, 17879), (144, 17897), (146, 17915), (159, 17981), (177, 18077),

Gene: Portcullis_22 Start: 15183, Stop: 15869, Start Num: 16

Candidate Starts for Portcullis_22:

(Start: 16 @15183 has 198 MA's), (41, 15309), (64, 15456), (85, 15576), (116, 15732), (124, 15759), (136, 15804), (137, 15807),

Gene: Poster_17 Start: 15373, Stop: 16179, Start Num: 19

Candidate Starts for Poster_17:

(Start: 19 @15373 has 307 MA's), (30, 15436), (42, 15502), (43, 15505), (45, 15523), (60, 15616), (63, 15637), (69, 15658), (91, 15793), (105, 15886), (116, 15952), (129, 15985), (131, 15988), (137, 16021), (147, 16072), (153, 16093), (164, 16150),

Gene: Potter_17 Start: 14413, Stop: 15213, Start Num: 19

Candidate Starts for Potter_17:

(Start: 19 @14413 has 307 MA's), (30, 14476), (41, 14533), (42, 14542), (43, 14545), (57, 14641), (63, 14677), (84, 14794), (105, 14926), (109, 14941), (113, 14962), (116, 14992), (137, 15061), (147, 15112), (153, 15133), (163, 15187), (164, 15190),

Gene: Prickles_18 Start: 14693, Stop: 15493, Start Num: 19

Candidate Starts for Prickles_18:

(Start: 19 @14693 has 307 MA's), (30, 14756), (41, 14813), (42, 14822), (43, 14825), (57, 14921), (63, 14957), (84, 15074), (105, 15206), (109, 15221), (113, 15242), (116, 15272), (137, 15341), (147, 15392), (153, 15413), (163, 15467), (164, 15470),

Gene: Prince_18 Start: 16597, Stop: 17403, Start Num: 19

Candidate Starts for Prince_18:

(Start: 19 @16597 has 307 MA's), (30, 16660), (42, 16726), (43, 16729), (45, 16747), (60, 16840), (63, 16861), (69, 16882), (80, 16960), (91, 17017), (105, 17110), (131, 17212), (137, 17245), (141, 17257), (142, 17260), (147, 17296),

Gene: ProfessorX_18 Start: 14691, Stop: 15491, Start Num: 19

Candidate Starts for ProfessorX_18:

(Start: 19 @14691 has 307 MA's), (30, 14754), (41, 14811), (42, 14820), (43, 14823), (57, 14919), (63, 14955), (84, 15072), (105, 15204), (109, 15219), (113, 15240), (116, 15270), (137, 15339), (147, 15390), (153, 15411), (163, 15465), (164, 15468),

Gene: Puhltonio_18 Start: 14708, Stop: 15508, Start Num: 19

Candidate Starts for Puhltonio_18:

(Start: 19 @14708 has 307 MA's), (30, 14771), (41, 14828), (42, 14837), (43, 14840), (57, 14936), (63, 14972), (84, 15089), (105, 15221), (109, 15236), (113, 15257), (116, 15287), (137, 15356), (147,

15407), (153, 15428), (163, 15482), (164, 15485),

Gene: Pulchra_31 Start: 17672, Stop: 18352, Start Num: 16

Candidate Starts for Pulchra_31:

(Start: 16 @17672 has 198 MA's), (34, 17759), (39, 17783), (49, 17858), (52, 17870), (60, 17918), (72, 17978), (96, 18107), (100, 18119), (109, 18167), (116, 18221), (137, 18281),

Gene: PullumCavea_22 Start: 15240, Stop: 15926, Start Num: 16

Candidate Starts for PullumCavea_22:

(Start: 16 @15240 has 198 MA's), (41, 15366), (64, 15513), (85, 15633), (116, 15789), (124, 15816), (136, 15861), (137, 15864),

Gene: Pumpkiney_26 Start: 17696, Stop: 18328, Start Num: 28

Candidate Starts for Pumpkiney_26:

(5, 17558), (6, 17585), (10, 17621), (Start: 16 @17642 has 198 MA's), (25, 17681), (28, 17696), (39, 17756), (73, 17957), (80, 18011), (102, 18107), (140, 18278), (146, 18314),

Gene: Pureglobe5_31 Start: 17461, Stop: 18381, Start Num: 12

Candidate Starts for Pureglobe5_31:

(Start: 12 @17461 has 19 MA's), (35, 17560), (37, 17566), (38, 17578), (41, 17593), (60, 17716), (69, 17758), (77, 17821), (96, 17917), (101, 17932), (111, 17983), (138, 18097), (140, 18103), (144, 18121), (146, 18139), (159, 18205), (177, 18301),

Gene: Quammi_26 Start: 16730, Stop: 17677, Start Num: 16

Candidate Starts for Quammi_26:

(Start: 16 @16730 has 198 MA's), (22, 16754), (31, 16802), (40, 16850), (117, 17300), (147, 17417), (170, 17522), (178, 17597),

Gene: QueenBeane_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for QueenBeane_18:

(Start: 19 @14699 has 307 MA's), (30, 14762), (41, 14819), (42, 14828), (43, 14831), (57, 14927), (63, 14963), (84, 15080), (105, 15212), (109, 15227), (113, 15248), (116, 15278), (137, 15347), (147, 15398), (153, 15419), (163, 15473), (164, 15476),

Gene: QueenPie_18 Start: 16971, Stop: 17777, Start Num: 19

Candidate Starts for QueenPie_18:

(Start: 19 @16971 has 307 MA's), (30, 17034), (42, 17100), (43, 17103), (45, 17121), (60, 17214), (63, 17235), (69, 17256), (91, 17391), (105, 17484), (131, 17586), (137, 17619), (141, 17631), (142, 17634), (147, 17670),

Gene: Quesadilla_21 Start: 17756, Stop: 18556, Start Num: 19

Candidate Starts for Quesadilla_21:

(Start: 19 @17756 has 307 MA's), (30, 17822), (37, 17852), (43, 17891), (61, 18014), (62, 18017), (63, 18023), (72, 18065), (100, 18242), (105, 18272), (127, 18365), (137, 18407), (147, 18452), (164, 18530),

Gene: Quhwah_33 Start: 17898, Stop: 18578, Start Num: 16

Candidate Starts for Quhwah_33:

(Start: 16 @17898 has 198 MA's), (34, 17985), (39, 18009), (49, 18084), (52, 18096), (60, 18144), (72, 18204), (96, 18333), (100, 18345), (109, 18393), (116, 18447), (137, 18507),

Gene: Quisquiliae_18 Start: 14714, Stop: 15514, Start Num: 19

Candidate Starts for Quisquiliae_18:

(Start: 19 @14714 has 307 MA's), (30, 14777), (41, 14834), (42, 14843), (43, 14846), (57, 14942), (63, 14978), (84, 15095), (105, 15227), (109, 15242), (113, 15263), (116, 15293), (137, 15362), (147, 15413), (153, 15434), (163, 15488), (164, 15491),

Gene: Racecar_84 Start: 51166, Stop: 51822, Start Num: 17

Candidate Starts for Racecar_84:

(Start: 17 @51166 has 15 MA's), (48, 51349), (63, 51436), (98, 51616), (105, 51652), (106, 51655),

Gene: RainyPolka_17 Start: 17299, Stop: 17994, Start Num: 18

Candidate Starts for RainyPolka_17:

(Start: 18 @17299 has 12 MA's), (24, 17329), (28, 17347), (37, 17389), (38, 17401), (41, 17416), (43, 17428), (44, 17434), (50, 17482), (63, 17560), (72, 17602), (73, 17605), (83, 17671), (96, 17731), (106, 17776), (110, 17791), (124, 17872), (129, 17884), (137, 17920), (140, 17929),

Gene: Ramiel05_29 Start: 17307, Stop: 17987, Start Num: 16

Candidate Starts for Ramiel05_29:

(Start: 16 @17307 has 198 MA's), (34, 17394), (39, 17418), (49, 17493), (52, 17505), (60, 17553), (72, 17613), (96, 17742), (100, 17754), (109, 17802), (116, 17856), (137, 17916),

Gene: Ranunculus_23 Start: 16352, Stop: 17272, Start Num: 12

Candidate Starts for Ranunculus_23:

(Start: 12 @16352 has 19 MA's), (25, 16397), (29, 16421), (38, 16469), (41, 16484), (69, 16649), (111, 16874), (138, 16988), (140, 16994), (146, 17030), (159, 17096),

Gene: Rasputia_59 Start: 32882, Stop: 33766, Start Num: 16

Candidate Starts for Rasputia_59:

(Start: 16 @32882 has 198 MA's), (22, 32906), (37, 32978), (49, 33068), (64, 33152), (72, 33191), (96, 33323), (100, 33335), (117, 33440), (126, 33461), (157, 33596),

Gene: RawrgerThat_18 Start: 16434, Stop: 17240, Start Num: 19

Candidate Starts for RawrgerThat_18:

(Start: 19 @16434 has 307 MA's), (30, 16497), (42, 16563), (43, 16566), (45, 16584), (60, 16677), (63, 16698), (69, 16719), (80, 16797), (91, 16854), (105, 16947), (131, 17049), (137, 17082), (141, 17094), (142, 17097), (147, 17133),

Gene: RazzB_25 Start: 15760, Stop: 16680, Start Num: 12

Candidate Starts for RazzB_25:

(Start: 12 @15760 has 19 MA's), (35, 15859), (37, 15865), (38, 15877), (41, 15892), (60, 16015), (69, 16057), (77, 16120), (96, 16216), (101, 16231), (111, 16282), (138, 16396), (140, 16402), (144, 16420), (146, 16438), (159, 16504), (177, 16600),

Gene: Reccee_21 Start: 16685, Stop: 17521, Start Num: 9

Candidate Starts for Reccee_21:

(2, 16574), (Start: 9 @16685 has 10 MA's), (Start: 19 @16718 has 307 MA's), (37, 16811), (39, 16826), (40, 16832), (42, 16847), (43, 16850), (45, 16868), (63, 16982), (113, 17267), (116, 17297), (132, 17336), (137, 17366), (153, 17438),

Gene: RedMaple_17 Start: 14711, Stop: 15511, Start Num: 19

Candidate Starts for RedMaple_17:

(Start: 19 @14711 has 307 MA's), (30, 14774), (41, 14831), (42, 14840), (43, 14843), (57, 14939), (63, 14975), (84, 15092), (105, 15224), (109, 15239), (113, 15260), (116, 15290), (137, 15359), (147, 15410), (153, 15431), (163, 15485), (164, 15488),

Gene: RedRaider89_18 Start: 14931, Stop: 15731, Start Num: 19

Candidate Starts for RedRaider89_18:

(Start: 19 @14931 has 307 MA's), (30, 14994), (41, 15051), (42, 15060), (43, 15063), (57, 15159), (63, 15195), (84, 15312), (105, 15444), (109, 15459), (113, 15480), (116, 15510), (137, 15579), (147, 15630), (153, 15651), (163, 15705), (164, 15708),

Gene: ReginaGlobina_83 Start: 50645, Stop: 51292, Start Num: 17

Candidate Starts for ReginaGlobina_83:

(Start: 17 @50645 has 15 MA's), (63, 50915), (98, 51095), (121, 51206),

Gene: Ren19_22 Start: 16500, Stop: 17420, Start Num: 12

Candidate Starts for Ren19_22:

(Start: 12 @16500 has 19 MA's), (29, 16569), (41, 16632), (58, 16743), (60, 16755), (69, 16797), (79, 16872), (104, 16986), (111, 17022), (120, 17076), (138, 17136), (140, 17142), (148, 17187), (159, 17244),

Gene: Renkei_17 Start: 15380, Stop: 16186, Start Num: 19

Candidate Starts for Renkei_17:

(Start: 19 @15380 has 307 MA's), (30, 15443), (42, 15509), (43, 15512), (45, 15530), (60, 15623), (63, 15644), (69, 15665), (91, 15800), (105, 15893), (116, 15959), (129, 15992), (131, 15995), (137, 16028), (147, 16079), (153, 16100), (164, 16157),

Gene: Reprobate_20 Start: 16748, Stop: 17584, Start Num: 9

Candidate Starts for Reprobate_20:

(2, 16637), (Start: 9 @16748 has 10 MA's), (Start: 19 @16781 has 307 MA's), (39, 16889), (42, 16910), (43, 16913), (45, 16931), (49, 16964), (63, 17045), (80, 17144), (101, 17267), (113, 17330), (116, 17360), (127, 17387), (137, 17429),

Gene: Ribeye_24 Start: 19187, Stop: 19882, Start Num: 16

Candidate Starts for Ribeye_24:

(Start: 16 @19187 has 198 MA's), (25, 19226), (52, 19388), (55, 19415), (80, 19559), (82, 19571), (109, 19688), (117, 19745), (146, 19862),

Gene: Rich_20 Start: 16635, Stop: 17471, Start Num: 9

Candidate Starts for Rich_20:

(Start: 9 @16635 has 10 MA's), (Start: 19 @16668 has 307 MA's), (37, 16761), (39, 16776), (42, 16797), (43, 16800), (45, 16818), (63, 16932), (113, 17217), (116, 17247), (137, 17316), (153, 17388),

Gene: Ricotta_17 Start: 14423, Stop: 15223, Start Num: 19

Candidate Starts for Ricotta_17:

(Start: 19 @14423 has 307 MA's), (30, 14486), (41, 14543), (42, 14552), (43, 14555), (57, 14651), (63, 14687), (84, 14804), (105, 14936), (109, 14951), (113, 14972), (116, 15002), (137, 15071), (147, 15122), (153, 15143), (163, 15197), (164, 15200),

Gene: Riggan_18 Start: 14679, Stop: 15479, Start Num: 19

Candidate Starts for Riggan_18:

(Start: 19 @14679 has 307 MA's), (30, 14742), (41, 14799), (42, 14808), (43, 14811), (57, 14907), (63, 14943), (84, 15060), (105, 15192), (109, 15207), (113, 15228), (116, 15258), (137, 15327), (147, 15378), (153, 15399), (163, 15453), (164, 15456),

Gene: Rimu_18 Start: 14411, Stop: 15211, Start Num: 19

Candidate Starts for Rimu_18:

(Start: 19 @14411 has 307 MA's), (30, 14474), (41, 14531), (42, 14540), (43, 14543), (57, 14639), (63, 14675), (84, 14792), (105, 14924), (109, 14939), (113, 14960), (116, 14990), (137, 15059), (147, 15110), (153, 15131), (163, 15185), (164, 15188),

Gene: Rinkes_22 Start: 18349, Stop: 19149, Start Num: 19

Candidate Starts for Rinkes_22:

(Start: 19 @18349 has 307 MA's), (30, 18415), (32, 18421), (39, 18460), (43, 18484), (60, 18595), (63, 18616), (79, 18709), (100, 18835), (105, 18865), (117, 18934), (134, 18976), (137, 19000), (142, 19015), (153, 19066), (164, 19123),

Gene: Rita130_20 Start: 16505, Stop: 17341, Start Num: 9

Candidate Starts for Rita130_20:

(2, 16394), (Start: 9 @16505 has 10 MA's), (Start: 19 @16538 has 307 MA's), (37, 16631), (39, 16646), (40, 16652), (42, 16667), (43, 16670), (45, 16688), (63, 16802), (113, 17087), (116, 17117), (132, 17156), (137, 17186), (153, 17258),

Gene: RiverRaider_24 Start: 17572, Stop: 18267, Start Num: 16

Candidate Starts for RiverRaider_24:

(6, 17515), (Start: 16 @17572 has 198 MA's), (20, 17581), (25, 17611), (37, 17671), (41, 17698), (52, 17773), (80, 17944), (82, 17956), (117, 18130), (142, 18217), (150, 18262),

Gene: Riverton_17 Start: 14705, Stop: 15505, Start Num: 19

Candidate Starts for Riverton_17:

(Start: 19 @14705 has 307 MA's), (30, 14768), (41, 14825), (42, 14834), (43, 14837), (57, 14933), (63, 14969), (84, 15086), (105, 15218), (109, 15233), (113, 15254), (116, 15284), (137, 15353), (147, 15404), (153, 15425), (163, 15479), (164, 15482),

Gene: Rizwana_22 Start: 16262, Stop: 17188, Start Num: 12

Candidate Starts for Rizwana_22:

(Start: 12 @16262 has 19 MA's), (25, 16310), (60, 16520), (69, 16562), (73, 16586), (111, 16787), (145, 16928), (146, 16943), (166, 17030), (172, 17069), (181, 17159),

Gene: RoadKill_21 Start: 16669, Stop: 17364, Start Num: 15

Candidate Starts for RoadKill_21:

(Start: 15 @16669 has 16 MA's), (20, 16678), (25, 16708), (37, 16768), (39, 16783), (41, 16795), (63, 16939), (80, 17038), (82, 17050), (102, 17134), (116, 17221), (140, 17305),

Gene: RobinRose_29 Start: 16284, Stop: 17225, Start Num: 16

Candidate Starts for RobinRose_29:

(Start: 16 @16284 has 198 MA's), (26, 16329), (76, 16623), (109, 16794), (116, 16848), (117, 16851), (142, 16929), (156, 16998), (157, 17004), (158, 17019), (179, 17163),

Gene: RobsFeet_31 Start: 17385, Stop: 18065, Start Num: 16

Candidate Starts for RobsFeet_31:

(Start: 16 @17385 has 198 MA's), (34, 17472), (48, 17565), (49, 17571), (52, 17583), (60, 17631), (72, 17691), (93, 17805), (109, 17880), (116, 17934), (137, 17994), (152, 18054),

Gene: Robyn_17 Start: 14272, Stop: 15072, Start Num: 19

Candidate Starts for Robyn_17:

(Start: 19 @14272 has 307 MA's), (30, 14335), (41, 14392), (42, 14401), (43, 14404), (57, 14500), (63, 14536), (84, 14653), (105, 14785), (109, 14800), (113, 14821), (116, 14851), (137, 14920), (147, 14971), (153, 14992), (163, 15046), (164, 15049),

Gene: Rockabye_85 Start: 53344, Stop: 54003, Start Num: 17

Candidate Starts for Rockabye_85:

(Start: 17 @53344 has 15 MA's), (73, 53668), (74, 53680), (98, 53806), (133, 53944),

Gene: Rockwell_29 Start: 17307, Stop: 17987, Start Num: 16

Candidate Starts for Rockwell_29:

(Start: 16 @17307 has 198 MA's), (34, 17394), (39, 17418), (49, 17493), (52, 17505), (60, 17553), (72, 17613), (96, 17742), (100, 17754), (109, 17802), (116, 17856), (137, 17916),

Gene: Rofo_23 Start: 18608, Stop: 19303, Start Num: 16

Candidate Starts for Rofo_23:

(Start: 16 @18608 has 198 MA's), (20, 18617), (25, 18647), (41, 18734), (52, 18809), (80, 18980), (82, 18992), (88, 19013), (117, 19166), (124, 19190), (146, 19283), (150, 19298),

Gene: RogerDodger_25 Start: 16033, Stop: 16719, Start Num: 16

Candidate Starts for RogerDodger_25:

(Start: 16 @16033 has 198 MA's), (37, 16132), (63, 16303), (64, 16306), (85, 16426), (137, 16657),

Gene: Roliet_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for Roliet_18:

(Start: 19 @14699 has 307 MA's), (30, 14762), (41, 14819), (42, 14828), (43, 14831), (57, 14927), (63, 14963), (84, 15080), (105, 15212), (109, 15227), (113, 15248), (116, 15278), (137, 15347), (147, 15398), (153, 15419), (163, 15473), (164, 15476),

Gene: RomansRevenge_19 Start: 14509, Stop: 15429, Start Num: 12

Candidate Starts for RomansRevenge_19:

(Start: 12 @14509 has 19 MA's), (21, 14533), (77, 14866), (88, 14914), (111, 15028), (116, 15073), (134, 15115), (137, 15139), (138, 15142), (144, 15166), (147, 15190), (161, 15253), (170, 15283), (177, 15343),

Gene: Romm_29 Start: 16284, Stop: 17225, Start Num: 16

Candidate Starts for Romm_29:

(Start: 16 @16284 has 198 MA's), (26, 16329), (76, 16623), (109, 16794), (116, 16848), (117, 16851), (142, 16929), (156, 16998), (157, 17004), (158, 17019), (179, 17163),

Gene: Roscoe_19 Start: 14940, Stop: 15740, Start Num: 19

Candidate Starts for Roscoe_19:

(Start: 19 @14940 has 307 MA's), (30, 15003), (41, 15060), (42, 15069), (43, 15072), (57, 15168), (63, 15204), (84, 15321), (105, 15453), (109, 15468), (113, 15489), (116, 15519), (137, 15588), (147, 15639), (153, 15660), (163, 15714), (164, 15717),

Gene: Rowlf_24 Start: 16422, Stop: 17369, Start Num: 16

Candidate Starts for Rowlf_24:

(Start: 16 @16422 has 198 MA's), (22, 16446), (31, 16494), (40, 16542), (116, 16989), (117, 16992), (147, 17109), (170, 17214), (178, 17289),

Gene: Roy17_18 Start: 14401, Stop: 15201, Start Num: 19

Candidate Starts for Roy17_18:

(Start: 19 @14401 has 307 MA's), (30, 14464), (41, 14521), (42, 14530), (43, 14533), (57, 14629), (63, 14665), (84, 14782), (105, 14914), (109, 14929), (113, 14950), (116, 14980), (137, 15049), (147, 15100), (153, 15121), (163, 15175), (164, 15178),

Gene: RubyRalph_30 Start: 16992, Stop: 17930, Start Num: 16

Candidate Starts for RubyRalph_30:

(Start: 16 @16992 has 198 MA's), (22, 17016), (56, 17223), (60, 17241), (104, 17478), (115, 17544), (116, 17559), (137, 17628), (140, 17637), (142, 17643), (170, 17781),

Gene: Rudy_26 Start: 16763, Stop: 17710, Start Num: 16

Candidate Starts for Rudy_26:

(Start: 16 @16763 has 198 MA's), (22, 16787), (31, 16835), (40, 16883), (117, 17333), (147, 17450), (170, 17555), (178, 17630),

Gene: SDcharge11_18 Start: 14680, Stop: 15480, Start Num: 19

Candidate Starts for SDcharge11_18:

(Start: 19 @14680 has 307 MA's), (30, 14743), (41, 14800), (42, 14809), (43, 14812), (57, 14908), (63, 14944), (84, 15061), (105, 15193), (109, 15208), (113, 15229), (116, 15259), (137, 15328), (147, 15379), (153, 15400), (163, 15454), (164, 15457),

Gene: SJReid_86 Start: 52426, Stop: 53082, Start Num: 17

Candidate Starts for SJReid_86:

(Start: 17 @52426 has 15 MA's), (23, 52459), (73, 52750), (74, 52762), (98, 52888), (130, 53020), (133, 53026),

Gene: SadLad_32 Start: 17935, Stop: 18873, Start Num: 16

Candidate Starts for SadLad_32:

(Start: 16 @17935 has 198 MA's), (22, 17959), (56, 18166), (60, 18184), (104, 18421), (115, 18487), (116, 18502), (137, 18571), (140, 18580), (142, 18586), (170, 18724),

Gene: Saguaro_20 Start: 17420, Stop: 18220, Start Num: 19

Candidate Starts for Saguaro_20:

(Start: 19 @17420 has 307 MA's), (26, 17462), (30, 17486), (43, 17555), (49, 17606), (60, 17666), (61, 17678), (63, 17687), (69, 17708), (100, 17906), (105, 17936), (127, 18029), (135, 18065), (137, 18071),

Gene: Salete_16 Start: 16946, Stop: 17644, Start Num: 18

Candidate Starts for Salete_16:

(Start: 18 @16946 has 12 MA's), (24, 16976), (28, 16994), (37, 17036), (38, 17048), (41, 17063), (43, 17075), (60, 17186), (63, 17207), (73, 17252), (83, 17318), (93, 17363), (110, 17438), (116, 17486), (117, 17489), (124, 17519), (129, 17531), (137, 17567), (152, 17633),

Gene: SallyH_18 Start: 14709, Stop: 15509, Start Num: 19

Candidate Starts for SallyH_18:

(Start: 19 @14709 has 307 MA's), (30, 14772), (41, 14829), (42, 14838), (43, 14841), (57, 14937), (63, 14973), (84, 15090), (105, 15222), (109, 15237), (113, 15258), (116, 15288), (137, 15357), (147, 15408), (153, 15429), (163, 15483), (164, 15486),

Gene: SallyK_29 Start: 17813, Stop: 18760, Start Num: 16

Candidate Starts for SallyK_29:

(Start: 16 @17813 has 198 MA's), (22, 17837), (31, 17885), (40, 17933), (117, 18383), (147, 18500), (170, 18605), (178, 18680),

Gene: Salvador_22 Start: 15154, Stop: 15840, Start Num: 16

Candidate Starts for Salvador_22:

(Start: 16 @15154 has 198 MA's), (37, 15253), (63, 15424), (64, 15427), (85, 15547), (136, 15775), (137, 15778),

Gene: Samaymay_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for Samaymay_18:

(Start: 19 @14699 has 307 MA's), (30, 14762), (41, 14819), (42, 14828), (43, 14831), (57, 14927), (63, 14963), (84, 15080), (105, 15212), (109, 15227), (113, 15248), (116, 15278), (137, 15347), (147, 15398), (153, 15419), (163, 15473), (164, 15476),

Gene: Sampson_24 Start: 18870, Stop: 19559, Start Num: 15

Candidate Starts for Sampson_24:

(5, 18786), (6, 18813), (Start: 15 @18870 has 16 MA's), (25, 18909), (28, 18924), (39, 18984), (80, 19239), (140, 19506), (146, 19542),

Gene: Sanjuju_21 Start: 18118, Stop: 18813, Start Num: 16

Candidate Starts for Sanjuju_21:

(Start: 16 @18118 has 198 MA's), (20, 18127), (25, 18157), (41, 18244), (52, 18319), (60, 18367), (73, 18433), (80, 18490), (82, 18502), (88, 18523), (117, 18676), (146, 18793), (150, 18808),

Gene: Saronaya_23 Start: 18018, Stop: 18713, Start Num: 16

Candidate Starts for Saronaya_23:

(6, 17958), (Start: 16 @18018 has 198 MA's), (25, 18057), (52, 18219), (80, 18390), (82, 18402), (146, 18693), (150, 18708),

Gene: SassyCat97_17 Start: 14406, Stop: 15206, Start Num: 19

Candidate Starts for SassyCat97_17:

(Start: 19 @14406 has 307 MA's), (30, 14469), (41, 14526), (42, 14535), (43, 14538), (57, 14634), (63, 14670), (84, 14787), (105, 14919), (109, 14934), (113, 14955), (116, 14985), (137, 15054), (147, 15105), (153, 15126), (163, 15180), (164, 15183),

Gene: Savannah_29 Start: 17334, Stop: 18014, Start Num: 16

Candidate Starts for Savannah_29:

(Start: 16 @17334 has 198 MA's), (34, 17421), (39, 17445), (49, 17520), (52, 17532), (60, 17580), (72, 17640), (96, 17769), (100, 17781), (109, 17829), (116, 17883), (137, 17943),

Gene: Savbucketdawg_22 Start: 14935, Stop: 15621, Start Num: 16

Candidate Starts for Savbucketdawg_22:

(Start: 16 @14935 has 198 MA's), (37, 15034), (63, 15205), (64, 15208), (85, 15328), (136, 15556), (137, 15559),

Gene: Schadenfreude_17 Start: 14256, Stop: 15056, Start Num: 19

Candidate Starts for Schadenfreude_17:

(Start: 19 @14256 has 307 MA's), (30, 14319), (41, 14376), (42, 14385), (43, 14388), (57, 14484), (63, 14520), (84, 14637), (105, 14769), (109, 14784), (113, 14805), (116, 14835), (137, 14904), (147, 14955), (153, 14976), (163, 15030), (164, 15033),

Gene: SchottB_22 Start: 19033, Stop: 19728, Start Num: 16

Candidate Starts for SchottB_22:

(Start: 16 @19033 has 198 MA's), (25, 19072), (52, 19234), (55, 19261), (60, 19282), (80, 19405), (82, 19417), (117, 19591), (146, 19708), (150, 19723),

Gene: Schueller_17 Start: 14397, Stop: 15197, Start Num: 19

Candidate Starts for Schueller_17:

(Start: 19 @14397 has 307 MA's), (30, 14460), (41, 14517), (42, 14526), (43, 14529), (57, 14625), (63, 14661), (84, 14778), (105, 14910), (109, 14925), (113, 14946), (116, 14976), (137, 15045), (147, 15096), (153, 15117), (163, 15171), (164, 15174),

Gene: Scioto_24 Start: 18979, Stop: 19614, Start Num: 28

Candidate Starts for Scioto_24:

(5, 18841), (6, 18868), (Start: 15 @18925 has 16 MA's), (25, 18964), (28, 18979), (39, 19039), (80, 19294), (140, 19561), (146, 19597),

Gene: Scoot17C_18 Start: 14700, Stop: 15500, Start Num: 19

Candidate Starts for Scoot17C_18:

(Start: 19 @14700 has 307 MA's), (30, 14763), (41, 14820), (42, 14829), (43, 14832), (57, 14928), (63, 14964), (84, 15081), (105, 15213), (109, 15228), (113, 15249), (116, 15279), (137, 15348), (147, 15399), (153, 15420), (163, 15474), (164, 15477),

Gene: Scrick_17 Start: 14419, Stop: 15219, Start Num: 19

Candidate Starts for Scrick_17:

(Start: 19 @14419 has 307 MA's), (30, 14482), (41, 14539), (42, 14548), (43, 14551), (57, 14647), (63, 14683), (84, 14800), (105, 14932), (109, 14947), (113, 14968), (116, 14998), (137, 15067), (147, 15118), (153, 15139), (163, 15193), (164, 15196),

Gene: Scumberland_31 Start: 17522, Stop: 18202, Start Num: 16

Candidate Starts for Scumberland_31:

(Start: 16 @17522 has 198 MA's), (34, 17609), (39, 17633), (49, 17708), (52, 17720), (60, 17768), (72, 17828), (96, 17957), (100, 17969), (109, 18017), (116, 18071), (137, 18131), (152, 18191),

Gene: Sedona_25 Start: 20423, Stop: 21118, Start Num: 16

Candidate Starts for Sedona_25:

(Start: 16 @20423 has 198 MA's), (20, 20432), (25, 20462), (41, 20549), (52, 20624), (60, 20672), (80, 20795), (82, 20807), (88, 20828), (117, 20981), (146, 21098), (150, 21113),

Gene: Selr12_18 Start: 14424, Stop: 15224, Start Num: 19

Candidate Starts for Selr12_18:

(Start: 19 @14424 has 307 MA's), (30, 14487), (41, 14544), (42, 14553), (43, 14556), (57, 14652), (63, 14688), (84, 14805), (105, 14937), (109, 14952), (113, 14973), (116, 15003), (137, 15072), (147, 15123), (153, 15144), (163, 15198), (164, 15201),

Gene: Selwyn23_31 Start: 17500, Stop: 18180, Start Num: 16

Candidate Starts for Selwyn23_31:

(Start: 16 @17500 has 198 MA's), (34, 17587), (39, 17611), (49, 17686), (52, 17698), (60, 17746), (72, 17806), (96, 17935), (100, 17947), (109, 17995), (116, 18049), (137, 18109),

Gene: Serendipitous_20 Start: 16688, Stop: 17524, Start Num: 9

Candidate Starts for Serendipitous_20:

(2, 16580), (Start: 9 @16688 has 10 MA's), (Start: 19 @16721 has 307 MA's), (39, 16829), (42, 16850), (43, 16853), (45, 16871), (63, 16985), (113, 17270), (116, 17300), (132, 17339), (137, 17369), (153, 17441), (155, 17447), (168, 17519),

Gene: Serendipity_18 Start: 14720, Stop: 15520, Start Num: 19

Candidate Starts for Serendipity_18:

(Start: 19 @14720 has 307 MA's), (30, 14783), (41, 14840), (42, 14849), (43, 14852), (57, 14948), (63, 14984), (84, 15101), (105, 15233), (109, 15248), (113, 15269), (116, 15299), (137, 15368), (147, 15419), (153, 15440), (163, 15494), (164, 15497),

Gene: Serpentine_0018 Start: 14702, Stop: 15502, Start Num: 19

Candidate Starts for Serpentine_0018:

(Start: 19 @14702 has 307 MA's), (30, 14765), (41, 14822), (42, 14831), (43, 14834), (57, 14930), (63, 14966), (84, 15083), (105, 15215), (109, 15230), (113, 15251), (116, 15281), (137, 15350), (147, 15401), (153, 15422), (163, 15476), (164, 15479),

Gene: ShadowBud_18 Start: 14714, Stop: 15514, Start Num: 19

Candidate Starts for ShadowBud_18:

(Start: 19 @14714 has 307 MA's), (30, 14777), (41, 14834), (42, 14843), (43, 14846), (57, 14942), (63, 14978), (84, 15095), (105, 15227), (109, 15242), (113, 15263), (116, 15293), (137, 15362), (147, 15413), (153, 15434), (163, 15488), (164, 15491),

Gene: Sheila_18 Start: 14691, Stop: 15491, Start Num: 19

Candidate Starts for Sheila_18:

(Start: 19 @14691 has 307 MA's), (30, 14754), (41, 14811), (42, 14820), (43, 14823), (57, 14919), (63, 14955), (84, 15072), (105, 15204), (109, 15219), (113, 15240), (116, 15270), (137, 15339), (147, 15390), (163, 15465), (164, 15468),

Gene: Shenyu_20 Start: 16468, Stop: 17304, Start Num: 9

Candidate Starts for Shenyu_20:

(Start: 9 @16468 has 10 MA's), (Start: 19 @16501 has 307 MA's), (39, 16609), (42, 16630), (43, 16633), (45, 16651), (63, 16765), (108, 17023), (113, 17050), (127, 17107), (137, 17149),

Gene: ShiVal_18 Start: 14693, Stop: 15493, Start Num: 19

Candidate Starts for ShiVal_18:

(Start: 19 @14693 has 307 MA's), (30, 14756), (41, 14813), (42, 14822), (43, 14825), (57, 14921), (63, 14957), (84, 15074), (105, 15206), (109, 15221), (113, 15242), (116, 15272), (137, 15341), (147, 15392), (153, 15413), (163, 15467), (164, 15470),

Gene: Shinji_22 Start: 15124, Stop: 15810, Start Num: 16

Candidate Starts for Shinji_22:

(Start: 16 @15124 has 198 MA's), (41, 15250), (64, 15397), (85, 15517), (116, 15673), (124, 15700), (136, 15745), (137, 15748),

Gene: Shivanishola_23 Start: 18451, Stop: 19146, Start Num: 16

Candidate Starts for Shivanishola_23:

(Start: 16 @18451 has 198 MA's), (20, 18460), (25, 18490), (41, 18577), (52, 18652), (73, 18766), (80, 18823), (82, 18835), (88, 18856), (117, 19009), (124, 19033), (146, 19126), (150, 19141),

Gene: Shotgun_29 Start: 17132, Stop: 17812, Start Num: 16

Candidate Starts for Shotgun_29:

(Start: 16 @17132 has 198 MA's), (34, 17219), (39, 17243), (49, 17318), (52, 17330), (60, 17378), (72, 17438), (96, 17567), (100, 17579), (109, 17627), (116, 17681), (137, 17741), (152, 17801),

Gene: Shrubaron_30 Start: 17019, Stop: 17699, Start Num: 16

Candidate Starts for Shrubaron_30:

(Start: 16 @17019 has 198 MA's), (34, 17106), (48, 17199), (49, 17205), (52, 17217), (60, 17265), (72, 17325), (93, 17439), (109, 17514), (116, 17568), (137, 17628), (152, 17688),

Gene: Sigman_18 Start: 14690, Stop: 15490, Start Num: 19

Candidate Starts for Sigman_18:

(Start: 19 @14690 has 307 MA's), (30, 14753), (41, 14810), (42, 14819), (43, 14822), (57, 14918), (63, 14954), (84, 15071), (105, 15203), (109, 15218), (113, 15239), (116, 15269), (137, 15338), (147, 15389), (153, 15410), (163, 15464), (164, 15467),

Gene: SilentRX_24 Start: 16580, Stop: 17476, Start Num: 12

Candidate Starts for SilentRX_24:

(Start: 12 @16580 has 19 MA's), (25, 16622), (27, 16634), (35, 16676), (43, 16721), (47, 16754), (55, 16811), (71, 16892), (77, 16937), (80, 16955), (100, 17021), (104, 17039), (109, 17066), (123, 17138), (134, 17162),

Gene: Sillytadpoles_27 Start: 16728, Stop: 17675, Start Num: 16

Candidate Starts for Sillytadpoles_27:

(Start: 16 @16728 has 198 MA's), (22, 16752), (31, 16800), (40, 16848), (117, 17298), (147, 17415), (170, 17520), (178, 17595),

Gene: SilverBell_18 Start: 14705, Stop: 15505, Start Num: 19

Candidate Starts for SilverBell_18:

(Start: 19 @14705 has 307 MA's), (30, 14768), (41, 14825), (42, 14834), (43, 14837), (57, 14933), (63, 14969), (84, 15086), (105, 15218), (109, 15233), (113, 15254), (116, 15284), (137, 15353), (147, 15404), (153, 15425), (163, 15479), (164, 15482),

Gene: Simielle_17 Start: 14391, Stop: 15191, Start Num: 19

Candidate Starts for Simielle_17:

(Start: 19 @14391 has 307 MA's), (30, 14454), (41, 14511), (42, 14520), (43, 14523), (57, 14619), (63, 14655), (84, 14772), (105, 14904), (109, 14919), (113, 14940), (116, 14970), (137, 15039), (147, 15090), (153, 15111), (163, 15165), (164, 15168),

Gene: SirBeauregard_17 Start: 14366, Stop: 15166, Start Num: 19

Candidate Starts for SirBeauregard_17:

(Start: 19 @14366 has 307 MA's), (30, 14429), (41, 14486), (42, 14495), (43, 14498), (57, 14594), (63, 14630), (84, 14747), (105, 14879), (109, 14894), (113, 14915), (116, 14945), (137, 15014), (147, 15065), (153, 15086), (163, 15140), (164, 15143),

Gene: SirFrank_29 Start: 17234, Stop: 17914, Start Num: 16

Candidate Starts for SirFrank_29:

(Start: 16 @17234 has 198 MA's), (34, 17321), (39, 17345), (49, 17420), (52, 17432), (60, 17480), (72, 17540), (100, 17681), (109, 17729), (116, 17783), (137, 17843),

Gene: SirJeffery_20 Start: 16497, Stop: 17333, Start Num: 9

Candidate Starts for SirJeffery_20:

(Start: 9 @16497 has 10 MA's), (Start: 19 @16530 has 307 MA's), (39, 16638), (40, 16644), (42, 16659), (43, 16662), (45, 16680), (63, 16794), (113, 17079), (116, 17109), (132, 17148), (137, 17178), (153, 17250),

Gene: Sitar_25 Start: 19794, Stop: 20489, Start Num: 16

Candidate Starts for Sitar_25:

(Start: 16 @19794 has 198 MA's), (20, 19803), (25, 19833), (41, 19920), (52, 19995), (60, 20043), (80, 20166), (82, 20178), (88, 20199), (117, 20352), (146, 20469),

Gene: Sixama_83 Start: 44174, Stop: 44824, Start Num: 17

Candidate Starts for Sixama_83:

(Start: 17 @44174 has 15 MA's), (26, 44219), (31, 44246), (39, 44288), (49, 44363), (63, 44444), (98, 44627), (104, 44651), (105, 44663), (106, 44666),

Gene: Skippy_18 Start: 14684, Stop: 15484, Start Num: 19

Candidate Starts for Skippy_18:

(Start: 19 @14684 has 307 MA's), (30, 14747), (41, 14804), (42, 14813), (43, 14816), (57, 14912), (63, 14948), (84, 15065), (105, 15197), (109, 15212), (113, 15233), (116, 15263), (137, 15332), (147, 15383), (153, 15404), (163, 15458), (164, 15461),

Gene: Slatt_18 Start: 14716, Stop: 15516, Start Num: 19

Candidate Starts for Slatt_18:

(Start: 19 @14716 has 307 MA's), (30, 14779), (41, 14836), (42, 14845), (43, 14848), (57, 14944), (63, 14980), (84, 15097), (105, 15229), (109, 15244), (113, 15265), (116, 15295), (137, 15364), (147, 15415), (153, 15436), (163, 15490), (164, 15493),

Gene: SlySloth_30 Start: 17731, Stop: 18654, Start Num: 22

Candidate Starts for SlySloth_30:

(Start: 16 @17707 has 198 MA's), (22, 17731), (31, 17779), (40, 17827), (117, 18277), (147, 18394), (170, 18499), (178, 18574),

Gene: Smarties_38 Start: 19203, Stop: 19883, Start Num: 16

Candidate Starts for Smarties_38:

(Start: 16 @19203 has 198 MA's), (31, 19275), (34, 19290), (39, 19314), (49, 19389), (52, 19401), (55, 19428), (60, 19449), (72, 19509), (96, 19638), (100, 19650), (109, 19698), (116, 19752), (137, 19812),

Gene: SmokingBunny_22 Start: 15154, Stop: 15840, Start Num: 16

Candidate Starts for SmokingBunny_22:

(Start: 16 @15154 has 198 MA's), (37, 15253), (63, 15424), (64, 15427), (85, 15547), (136, 15775), (137, 15778),

Gene: Soile_18 Start: 14411, Stop: 15211, Start Num: 19

Candidate Starts for Soile_18:

(Start: 19 @14411 has 307 MA's), (30, 14474), (41, 14531), (42, 14540), (43, 14543), (57, 14639), (63, 14675), (84, 14792), (105, 14924), (109, 14939), (113, 14960), (116, 14990), (137, 15059), (147, 15110), (153, 15131), (163, 15185), (164, 15188),

Gene: Solosis_17 Start: 14418, Stop: 15218, Start Num: 19

Candidate Starts for Solosis_17:

(Start: 19 @14418 has 307 MA's), (30, 14481), (41, 14538), (42, 14547), (43, 14550), (57, 14646), (63, 14682), (84, 14799), (105, 14931), (109, 14946), (113, 14967), (116, 14997), (137, 15066), (147, 15117), (153, 15138), (163, 15192), (164, 15195),

Gene: Sophia_17 Start: 14406, Stop: 15206, Start Num: 19

Candidate Starts for Sophia_17:

(Start: 19 @14406 has 307 MA's), (30, 14469), (41, 14526), (42, 14535), (43, 14538), (57, 14634), (63, 14670), (84, 14787), (105, 14919), (109, 14934), (113, 14955), (116, 14985), (137, 15054), (147, 15105), (153, 15126), (163, 15180), (164, 15183),

Gene: Soto_18 Start: 14696, Stop: 15496, Start Num: 19

Candidate Starts for Soto_18:

(Start: 19 @14696 has 307 MA's), (30, 14759), (41, 14816), (42, 14825), (43, 14828), (57, 14924), (63, 14960), (84, 15077), (105, 15209), (109, 15224), (113, 15245), (116, 15275), (137, 15344), (147, 15395), (153, 15416), (163, 15470), (164, 15473),

Gene: Spartan300_18 Start: 14696, Stop: 15496, Start Num: 19

Candidate Starts for Spartan300_18:

(Start: 19 @14696 has 307 MA's), (30, 14759), (42, 14825), (43, 14828), (57, 14924), (63, 14960), (84, 15077), (105, 15209), (109, 15224), (113, 15245), (116, 15275), (137, 15344), (147, 15395), (153,

15416), (163, 15470), (164, 15473),

Gene: Squash_30 Start: 17789, Stop: 18736, Start Num: 16

Candidate Starts for Squash_30:

(Start: 16 @17789 has 198 MA's), (22, 17813), (31, 17861), (40, 17909), (117, 18359), (147, 18476), (170, 18581), (178, 18656),

Gene: Squid_18 Start: 14406, Stop: 15206, Start Num: 19

Candidate Starts for Squid_18:

(Start: 19 @14406 has 307 MA's), (30, 14469), (41, 14526), (42, 14535), (43, 14538), (57, 14634), (63, 14670), (84, 14787), (105, 14919), (109, 14934), (113, 14955), (116, 14985), (137, 15054), (147, 15105), (153, 15126), (163, 15180), (164, 15183),

Gene: Squiggle_18 Start: 14406, Stop: 15206, Start Num: 19

Candidate Starts for Squiggle_18:

(Start: 19 @14406 has 307 MA's), (30, 14469), (41, 14526), (42, 14535), (43, 14538), (57, 14634), (63, 14670), (84, 14787), (105, 14919), (109, 14934), (113, 14955), (116, 14985), (137, 15054), (147, 15105), (153, 15126), (163, 15180), (164, 15183),

Gene: Statler_29 Start: 17647, Stop: 18594, Start Num: 16

Candidate Starts for Statler_29:

(Start: 16 @17647 has 198 MA's), (22, 17671), (31, 17719), (40, 17767), (60, 17896), (116, 18214), (117, 18217), (147, 18334), (170, 18439), (178, 18514),

Gene: Stewart25555_74 Start: 47034, Stop: 47678, Start Num: 17

Candidate Starts for Stewart25555_74:

(Start: 17 @47034 has 15 MA's), (63, 47304), (98, 47484),

Gene: StinkyVeggy_22 Start: 16657, Stop: 17460, Start Num: 19

Candidate Starts for StinkyVeggy_22:

(Start: 9 @16624 has 10 MA's), (Start: 19 @16657 has 307 MA's), (39, 16765), (40, 16771), (42, 16786), (43, 16789), (45, 16807), (63, 16921), (113, 17206), (116, 17236), (137, 17305),

Gene: StorminNorm_23 Start: 17897, Stop: 18592, Start Num: 16

Candidate Starts for StorminNorm_23:

(6, 17837), (Start: 16 @17897 has 198 MA's), (25, 17936), (52, 18098), (80, 18269), (82, 18281), (146, 18572), (150, 18587),

Gene: StrawberryJamm_30 Start: 16967, Stop: 17914, Start Num: 16

Candidate Starts for StrawberryJamm_30:

(Start: 16 @16967 has 198 MA's), (22, 16991), (31, 17039), (40, 17087), (117, 17537), (147, 17654), (170, 17759), (178, 17834),

Gene: Struggle_17 Start: 14252, Stop: 15052, Start Num: 19

Candidate Starts for Struggle_17:

(Start: 19 @14252 has 307 MA's), (30, 14315), (41, 14372), (42, 14381), (43, 14384), (57, 14480), (63, 14516), (84, 14633), (105, 14765), (109, 14780), (113, 14801), (116, 14831), (137, 14900), (147, 14951), (163, 15026), (164, 15029),

Gene: Stultus_23 Start: 18402, Stop: 19097, Start Num: 16

Candidate Starts for Stultus_23:

(Start: 16 @18402 has 198 MA's), (20, 18411), (25, 18441), (41, 18528), (52, 18603), (60, 18651), (80, 18774), (82, 18786), (88, 18807), (117, 18960), (146, 19077), (150, 19092),

Gene: Suffolk_18 Start: 14698, Stop: 15498, Start Num: 19

Candidate Starts for Suffolk_18:

(Start: 19 @14698 has 307 MA's), (30, 14761), (41, 14818), (42, 14827), (43, 14830), (57, 14926), (63, 14962), (84, 15079), (105, 15211), (109, 15226), (113, 15247), (116, 15277), (137, 15346), (147, 15397), (153, 15418), (163, 15472), (164, 15475),

Gene: Suigeneris_20 Start: 16509, Stop: 17345, Start Num: 9

Candidate Starts for Suigeneris_20:

(2, 16398), (Start: 9 @16509 has 10 MA's), (Start: 19 @16542 has 307 MA's), (37, 16635), (39, 16650), (40, 16656), (42, 16671), (43, 16674), (45, 16692), (63, 16806), (113, 17091), (116, 17121), (132, 17160), (137, 17190), (153, 17262),

Gene: Sunfish_35 Start: 18236, Stop: 19171, Start Num: 13

Candidate Starts for Sunfish_35:

(Start: 13 @18236 has 1 MA's), (26, 18287), (49, 18431), (62, 18506), (64, 18515), (65, 18521), (69, 18536), (116, 18809), (137, 18878), (140, 18887), (159, 18986), (171, 19037), (179, 19118), (181, 19145),

Gene: Sunny_ Start: 17321, Stop: 17998, Start Num: 16

Candidate Starts for Sunny_:

(Start: 16 @17321 has 198 MA's), (31, 17393), (34, 17408), (36, 17414), (43, 17456), (48, 17501), (49, 17507), (52, 17519), (55, 17546), (60, 17567), (72, 17627), (85, 17705), (93, 17741), (109, 17816), (116, 17870), (134, 17906), (137, 17930),

Gene: Surely_18 Start: 14708, Stop: 15508, Start Num: 19

Candidate Starts for Surely_18:

(Start: 19 @14708 has 307 MA's), (30, 14771), (41, 14828), (42, 14837), (43, 14840), (57, 14936), (63, 14972), (84, 15089), (105, 15221), (109, 15236), (113, 15257), (116, 15287), (137, 15356), (147, 15407), (153, 15428), (163, 15482), (164, 15485),

Gene: Swiphy_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for Swiphy_18:

(Start: 19 @14699 has 307 MA's), (30, 14762), (41, 14819), (42, 14828), (43, 14831), (57, 14927), (63, 14963), (84, 15080), (105, 15212), (109, 15227), (113, 15248), (116, 15278), (137, 15347), (147, 15398), (163, 15473), (164, 15476),

Gene: Swish_18 Start: 14694, Stop: 15494, Start Num: 19

Candidate Starts for Swish_18:

(Start: 19 @14694 has 307 MA's), (30, 14757), (41, 14814), (42, 14823), (43, 14826), (57, 14922), (63, 14958), (84, 15075), (105, 15207), (109, 15222), (113, 15243), (116, 15273), (137, 15342), (147, 15393), (153, 15414), (163, 15468), (164, 15471),

Gene: TP1604_16 Start: 16946, Stop: 17644, Start Num: 18

Candidate Starts for TP1604_16:

(Start: 18 @16946 has 12 MA's), (24, 16976), (28, 16994), (37, 17036), (38, 17048), (41, 17063), (43, 17075), (60, 17186), (63, 17207), (73, 17252), (83, 17318), (93, 17363), (110, 17438), (116, 17486), (117, 17489), (124, 17519), (129, 17531), (137, 17567), (152, 17633),

Gene: Talia1610_83 Start: 50531, Stop: 51187, Start Num: 17

Candidate Starts for Talia1610_83:

(Start: 17 @50531 has 15 MA's), (48, 50714), (63, 50801), (98, 50981), (105, 51017), (106, 51020),

Gene: TallGrassMM_18 Start: 14424, Stop: 15224, Start Num: 19

Candidate Starts for TallGrassMM_18:

(Start: 19 @14424 has 307 MA's), (30, 14487), (41, 14544), (42, 14553), (43, 14556), (57, 14652), (63, 14688), (84, 14805), (105, 14937), (109, 14952), (113, 14973), (116, 15003), (137, 15072), (147, 15123), (153, 15144), (163, 15198), (164, 15201),

Gene: Tangent_21 Start: 17601, Stop: 18296, Start Num: 16

Candidate Starts for Tangent_21:

(Start: 16 @17601 has 198 MA's), (20, 17610), (25, 17640), (41, 17727), (52, 17802), (73, 17916), (80, 17973), (82, 17985), (88, 18006), (117, 18159), (124, 18183), (146, 18276), (150, 18291),

Gene: Tangerine_23 Start: 17903, Stop: 18598, Start Num: 16

Candidate Starts for Tangerine_23:

(6, 17843), (Start: 16 @17903 has 198 MA's), (25, 17942), (52, 18104), (80, 18275), (82, 18287), (146, 18578), (150, 18593),

Gene: Tank_23 Start: 16142, Stop: 17065, Start Num: 12

Candidate Starts for Tank_23:

(Start: 12 @16142 has 19 MA's), (25, 16190), (26, 16196), (28, 16205), (60, 16400), (79, 16517), (104, 16631), (111, 16667), (120, 16721), (129, 16742), (140, 16787), (142, 16793), (147, 16829), (148, 16832), (159, 16889), (161, 16892), (176, 16976),

Gene: Tardus_25 Start: 18205, Stop: 18894, Start Num: 15

Candidate Starts for Tardus_25:

(5, 18121), (6, 18148), (Start: 15 @18205 has 16 MA's), (25, 18244), (28, 18259), (39, 18319), (80, 18574), (140, 18841), (146, 18877),

Gene: Teehee_29 Start: 17965, Stop: 18912, Start Num: 16

Candidate Starts for Teehee_29:

(Start: 16 @17965 has 198 MA's), (22, 17989), (31, 18037), (40, 18085), (117, 18535), (147, 18652), (170, 18757), (178, 18832),

Gene: Telesworld_17 Start: 14406, Stop: 15206, Start Num: 19

Candidate Starts for Telesworld_17:

(Start: 19 @14406 has 307 MA's), (30, 14469), (41, 14526), (42, 14535), (43, 14538), (57, 14634), (63, 14670), (84, 14787), (105, 14919), (109, 14934), (113, 14955), (116, 14985), (137, 15054), (147, 15105), (153, 15126), (163, 15180), (164, 15183),

Gene: Tempo_27 Start: 16160, Stop: 17101, Start Num: 16

Candidate Starts for Tempo_27:

(Start: 16 @16160 has 198 MA's), (26, 16205), (76, 16499), (109, 16670), (116, 16724), (117, 16727), (142, 16805), (156, 16874), (157, 16880), (158, 16895), (179, 17039),

Gene: Terij_26 Start: 16689, Stop: 17393, Start Num: 16

Candidate Starts for Terij_26:

(11, 16677), (Start: 16 @16689 has 198 MA's), (39, 16800), (43, 16824), (49, 16875), (52, 16887), (60, 16935), (93, 17112), (115, 17226), (116, 17241), (124, 17262), (132, 17280), (146, 17355),

Gene: Thing3_24 Start: 19151, Stop: 19846, Start Num: 16

Candidate Starts for Thing3_24:

(Start: 16 @19151 has 198 MA's), (20, 19160), (25, 19190), (41, 19277), (52, 19352), (80, 19523), (82, 19535), (88, 19556), (117, 19709), (146, 19826),

Gene: Thonko_19 Start: 14179, Stop: 14982, Start Num: 19

Candidate Starts for Thonko_19:

(Start: 19 @14179 has 307 MA's), (30, 14245), (37, 14275), (43, 14314), (48, 14359), (49, 14365), (63, 14446), (69, 14467), (75, 14512), (91, 14602), (113, 14731), (132, 14800), (137, 14830),

Gene: Thora_18 Start: 14708, Stop: 15508, Start Num: 19

Candidate Starts for Thora_18:

(Start: 19 @14708 has 307 MA's), (30, 14771), (41, 14828), (42, 14837), (43, 14840), (57, 14936), (63, 14972), (84, 15089), (105, 15221), (109, 15236), (113, 15257), (116, 15287), (137, 15356), (147, 15407), (153, 15428), (163, 15482), (164, 15485),

Gene: ThreeOh3D2_18 Start: 14709, Stop: 15509, Start Num: 19

Candidate Starts for ThreeOh3D2_18:

(Start: 19 @14709 has 307 MA's), (30, 14772), (41, 14829), (42, 14838), (43, 14841), (57, 14937), (63, 14973), (84, 15090), (105, 15222), (109, 15237), (113, 15258), (116, 15288), (137, 15357), (147, 15408), (153, 15429), (163, 15483), (164, 15486),

Gene: Thunderbird_17 Start: 14408, Stop: 15208, Start Num: 19

Candidate Starts for Thunderbird_17:

(Start: 19 @14408 has 307 MA's), (30, 14471), (41, 14528), (42, 14537), (43, 14540), (57, 14636), (63, 14672), (84, 14789), (105, 14921), (109, 14936), (113, 14957), (116, 14987), (137, 15056), (147, 15107), (153, 15128), (163, 15182), (164, 15185),

Gene: Tiamoceli_24 Start: 18020, Stop: 18715, Start Num: 15

Candidate Starts for Tiamoceli_24:

(Start: 15 @18020 has 16 MA's), (20, 18029), (25, 18059), (37, 18119), (39, 18134), (41, 18146), (63, 18290), (80, 18389), (82, 18401), (102, 18485), (116, 18572), (140, 18656),

Gene: TillyBobJoe_22 Start: 14938, Stop: 15624, Start Num: 16

Candidate Starts for TillyBobJoe_22:

(Start: 16 @14938 has 198 MA's), (41, 15064), (64, 15211), (85, 15331), (116, 15487), (124, 15514), (136, 15559), (137, 15562),

Gene: Timmi_17 Start: 14418, Stop: 15218, Start Num: 19

Candidate Starts for Timmi_17:

(Start: 19 @14418 has 307 MA's), (30, 14481), (41, 14538), (42, 14547), (43, 14550), (57, 14646), (63, 14682), (84, 14799), (105, 14931), (109, 14946), (113, 14967), (116, 14997), (137, 15066), (147, 15117), (153, 15138), (163, 15192), (164, 15195),

Gene: Tissue_28 Start: 17458, Stop: 18405, Start Num: 16

Candidate Starts for Tissue_28:

(Start: 16 @17458 has 198 MA's), (22, 17482), (31, 17530), (40, 17578), (116, 18025), (117, 18028), (147, 18145), (170, 18250), (178, 18325),

Gene: Togo_22 Start: 15154, Stop: 15840, Start Num: 16

Candidate Starts for Togo_22:

(Start: 16 @15154 has 198 MA's), (37, 15253), (63, 15424), (64, 15427), (85, 15547), (136, 15775), (137, 15778),

Gene: TomBombadil_18 Start: 14702, Stop: 15502, Start Num: 19

Candidate Starts for TomBombadil_18:

(Start: 19 @14702 has 307 MA's), (30, 14765), (41, 14822), (42, 14831), (43, 14834), (57, 14930), (63, 14966), (84, 15083), (105, 15215), (109, 15230), (113, 15251), (116, 15281), (137, 15350), (147,

15401), (153, 15422), (163, 15476), (164, 15479),

Gene: Tomlarah_18 Start: 14694, Stop: 15494, Start Num: 19

Candidate Starts for Tomlarah_18:

(Start: 19 @14694 has 307 MA's), (30, 14757), (41, 14814), (42, 14823), (43, 14826), (57, 14922), (63, 14958), (84, 15075), (105, 15207), (109, 15222), (113, 15243), (116, 15273), (137, 15342), (147, 15393), (153, 15414), (163, 15468), (164, 15471),

Gene: Toni_17 Start: 14404, Stop: 15204, Start Num: 19

Candidate Starts for Toni_17:

(Start: 19 @14404 has 307 MA's), (30, 14467), (41, 14524), (42, 14533), (43, 14536), (57, 14632), (63, 14668), (84, 14785), (105, 14917), (109, 14932), (113, 14953), (116, 14983), (137, 15052), (147, 15103), (153, 15124), (163, 15178), (164, 15181),

Gene: Tonitrus_35 Start: 23239, Stop: 23979, Start Num: 19

Candidate Starts for Tonitrus_35:

(Start: 19 @23239 has 307 MA's), (21, 23254), (39, 23347), (45, 23389), (54, 23461), (58, 23470), (60, 23482), (63, 23503), (68, 23521), (87, 23632), (90, 23641), (91, 23653), (95, 23698), (99, 23710), (112, 23779), (114, 23791), (116, 23815), (139, 23890), (143, 23902),

Gene: TooFast2Furius_19 Start: 14940, Stop: 15740, Start Num: 19

Candidate Starts for TooFast2Furius_19:

(Start: 19 @14940 has 307 MA's), (30, 15003), (41, 15060), (42, 15069), (43, 15072), (57, 15168), (63, 15204), (84, 15321), (105, 15453), (109, 15468), (113, 15489), (116, 15519), (137, 15588), (147, 15639), (153, 15660), (163, 15714), (164, 15717),

Gene: Tooj_18 Start: 14706, Stop: 15506, Start Num: 19

Candidate Starts for Tooj_18:

(Start: 19 @14706 has 307 MA's), (30, 14769), (41, 14826), (42, 14835), (43, 14838), (57, 14934), (63, 14970), (84, 15087), (105, 15219), (109, 15234), (113, 15255), (116, 15285), (137, 15354), (147, 15405), (153, 15426), (163, 15480), (164, 15483),

Gene: Triad_18 Start: 14243, Stop: 15043, Start Num: 19

Candidate Starts for Triad_18:

(Start: 19 @14243 has 307 MA's), (30, 14306), (41, 14363), (42, 14372), (43, 14375), (57, 14471), (63, 14507), (84, 14624), (105, 14756), (109, 14771), (113, 14792), (116, 14822), (137, 14891), (147, 14942), (153, 14963), (163, 15017), (164, 15020),

Gene: True_17 Start: 14407, Stop: 15207, Start Num: 19

Candidate Starts for True_17:

(Start: 19 @14407 has 307 MA's), (30, 14470), (41, 14527), (42, 14536), (43, 14539), (57, 14635), (63, 14671), (84, 14788), (105, 14920), (109, 14935), (113, 14956), (116, 14986), (137, 15055), (147, 15106), (153, 15127), (163, 15181), (164, 15184),

Gene: Trypo_18 Start: 14696, Stop: 15496, Start Num: 19

Candidate Starts for Trypo_18:

(Start: 19 @14696 has 307 MA's), (30, 14759), (41, 14816), (42, 14825), (43, 14828), (57, 14924), (63, 14960), (84, 15077), (105, 15209), (109, 15224), (113, 15245), (116, 15275), (137, 15344), (147, 15395), (163, 15470), (164, 15473),

Gene: TurkishDelight_21 Start: 18601, Stop: 19302, Start Num: 16

Candidate Starts for TurkishDelight_21:

(8, 18562), (Start: 16 @18601 has 198 MA's), (40, 18715), (41, 18721), (64, 18868), (68, 18883), (86, 18988), (92, 19021), (106, 19087), (129, 19186), (137, 19222), (152, 19291),

Gene: Twister6_24 Start: 15581, Stop: 16267, Start Num: 16

Candidate Starts for Twister6_24:

(Start: 16 @15581 has 198 MA's), (37, 15680), (63, 15851), (64, 15854), (85, 15974), (136, 16202), (137, 16205),

Gene: Twonlo_21 Start: 16638, Stop: 17333, Start Num: 15

Candidate Starts for Twonlo_21:

(Start: 15 @16638 has 16 MA's), (20, 16647), (25, 16677), (37, 16737), (39, 16752), (41, 16764), (63, 16908), (80, 17007), (82, 17019), (102, 17103), (116, 17190), (140, 17274),

Gene: Tycho_23 Start: 17995, Stop: 18690, Start Num: 15

Candidate Starts for Tycho_23:

(Start: 15 @17995 has 16 MA's), (25, 18034), (38, 18106), (52, 18196), (55, 18223), (80, 18367), (82, 18379), (117, 18553), (146, 18670), (150, 18685),

Gene: TyrionL_17 Start: 14258, Stop: 15058, Start Num: 19

Candidate Starts for TyrionL_17:

(Start: 19 @14258 has 307 MA's), (30, 14321), (41, 14378), (42, 14387), (43, 14390), (57, 14486), (63, 14522), (84, 14639), (105, 14771), (109, 14786), (113, 14807), (116, 14837), (137, 14906), (147, 14957), (153, 14978), (163, 15032), (164, 15035),

Gene: Tyrumbra_28 Start: 16425, Stop: 17105, Start Num: 16

Candidate Starts for Tyrumbra_28:

(Start: 16 @16425 has 198 MA's), (34, 16512), (48, 16605), (52, 16623), (60, 16671), (64, 16695), (72, 16731), (93, 16845), (100, 16872), (109, 16920), (116, 16974), (137, 17034), (152, 17094),

Gene: UAch1_18 Start: 14717, Stop: 15517, Start Num: 19

Candidate Starts for UAch1_18:

(Start: 19 @14717 has 307 MA's), (30, 14780), (41, 14837), (42, 14846), (43, 14849), (57, 14945), (63, 14981), (84, 15098), (105, 15230), (109, 15245), (113, 15266), (116, 15296), (137, 15365), (147, 15416), (153, 15437), (163, 15491), (164, 15494),

Gene: UncleHowie_18 Start: 14406, Stop: 15206, Start Num: 19

Candidate Starts for UncleHowie_18:

(Start: 19 @14406 has 307 MA's), (30, 14469), (41, 14526), (42, 14535), (43, 14538), (57, 14634), (63, 14670), (84, 14787), (105, 14919), (109, 14934), (113, 14955), (116, 14985), (137, 15054), (147, 15105), (153, 15126), (163, 15180), (164, 15183),

Gene: Usavi_18 Start: 14708, Stop: 15508, Start Num: 19

Candidate Starts for Usavi_18:

(Start: 19 @14708 has 307 MA's), (30, 14771), (41, 14828), (42, 14837), (43, 14840), (57, 14936), (63, 14972), (84, 15089), (105, 15221), (109, 15236), (113, 15257), (116, 15287), (137, 15356), (147, 15407), (153, 15428), (163, 15482), (164, 15485),

Gene: Vaishali24_17 Start: 14359, Stop: 15159, Start Num: 19

Candidate Starts for Vaishali24_17:

(Start: 19 @14359 has 307 MA's), (30, 14422), (41, 14479), (42, 14488), (43, 14491), (57, 14587), (63, 14623), (84, 14740), (105, 14872), (109, 14887), (113, 14908), (116, 14938), (137, 15007), (147, 15058), (153, 15079), (163, 15133), (164, 15136),

Gene: Valary_25 Start: 16032, Stop: 16718, Start Num: 16

Candidate Starts for Valary_25:

(Start: 16 @16032 has 198 MA's), (41, 16158), (64, 16305), (85, 16425), (116, 16581), (124, 16608), (136, 16653), (137, 16656),

Gene: Valjean_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for Valjean_18:

(Start: 19 @14699 has 307 MA's), (30, 14762), (42, 14828), (43, 14831), (57, 14927), (63, 14963), (84, 15080), (105, 15212), (109, 15227), (113, 15248), (116, 15278), (137, 15347), (147, 15398), (153, 15419), (163, 15473), (164, 15476),

Gene: VanDeWege_25 Start: 15962, Stop: 16648, Start Num: 16

Candidate Starts for VanDeWege_25:

(Start: 16 @15962 has 198 MA's), (37, 16061), (63, 16232), (64, 16235), (85, 16355), (136, 16583), (137, 16586),

Gene: Vaticameos_18 Start: 14397, Stop: 15197, Start Num: 19

Candidate Starts for Vaticameos_18:

(Start: 19 @14397 has 307 MA's), (30, 14460), (41, 14517), (42, 14526), (43, 14529), (57, 14625), (63, 14661), (84, 14778), (105, 14910), (109, 14925), (113, 14946), (116, 14976), (137, 15045), (147, 15096), (153, 15117), (163, 15171), (164, 15174),

Gene: Veritas_17 Start: 14246, Stop: 15046, Start Num: 19

Candidate Starts for Veritas_17:

(Start: 19 @14246 has 307 MA's), (30, 14309), (41, 14366), (42, 14375), (43, 14378), (57, 14474), (63, 14510), (84, 14627), (105, 14759), (109, 14774), (113, 14795), (116, 14825), (137, 14894), (147, 14945), (153, 14966), (163, 15020), (164, 15023),

Gene: Verity_24 Start: 18380, Stop: 19072, Start Num: 15

Candidate Starts for Verity_24:

(Start: 15 @18380 has 16 MA's), (25, 18419), (28, 18434), (32, 18455), (33, 18458), (39, 18494), (80, 18749), (140, 19016),

Gene: ViaConlectus_25 Start: 18946, Stop: 19632, Start Num: 16

Candidate Starts for ViaConlectus_25:

(5, 18862), (6, 18889), (10, 18925), (Start: 16 @18946 has 198 MA's), (25, 18985), (28, 19000), (39, 19060), (73, 19261), (80, 19315), (102, 19411), (140, 19582), (146, 19618),

Gene: Viceroy_27 Start: 16730, Stop: 17677, Start Num: 16

Candidate Starts for Viceroy_27:

(Start: 16 @16730 has 198 MA's), (22, 16754), (31, 16802), (40, 16850), (117, 17300), (147, 17417), (170, 17522), (178, 17597),

Gene: Virapocalypse_18 Start: 14691, Stop: 15491, Start Num: 19

Candidate Starts for Virapocalypse_18:

(Start: 19 @14691 has 307 MA's), (30, 14754), (41, 14811), (42, 14820), (43, 14823), (57, 14919), (63, 14955), (84, 15072), (105, 15204), (109, 15219), (113, 15240), (116, 15270), (137, 15339), (147, 15390), (153, 15411), (163, 15465), (164, 15468),

Gene: Virgeve_17 Start: 14412, Stop: 15212, Start Num: 19

Candidate Starts for Virgeve_17:

(Start: 19 @14412 has 307 MA's), (30, 14475), (41, 14532), (42, 14541), (43, 14544), (57, 14640), (63, 14676), (84, 14793), (105, 14925), (109, 14940), (113, 14961), (116, 14991), (137, 15060), (147,

15111), (153, 15132), (163, 15186), (164, 15189),

Gene: Vista_18 Start: 14702, Stop: 15502, Start Num: 19

Candidate Starts for Vista_18:

(Start: 19 @14702 has 307 MA's), (30, 14765), (41, 14822), (42, 14831), (43, 14834), (57, 14930), (63, 14966), (84, 15083), (105, 15215), (109, 15230), (113, 15251), (116, 15281), (137, 15350), (147, 15401), (153, 15422), (163, 15476), (164, 15479),

Gene: Vivaldi_18 Start: 14733, Stop: 15533, Start Num: 19

Candidate Starts for Vivaldi_18:

(Start: 19 @14733 has 307 MA's), (30, 14796), (41, 14853), (42, 14862), (43, 14865), (57, 14961), (63, 14997), (84, 15114), (105, 15246), (109, 15261), (113, 15282), (116, 15312), (137, 15381), (147, 15432), (153, 15453), (163, 15507), (164, 15510),

Gene: Vivi2_23 Start: 18774, Stop: 19469, Start Num: 16

Candidate Starts for Vivi2_23:

(Start: 16 @18774 has 198 MA's), (20, 18783), (25, 18813), (41, 18900), (52, 18975), (73, 19089), (80, 19146), (82, 19158), (88, 19179), (117, 19332), (124, 19356), (146, 19449), (150, 19464),

Gene: Vortex_18 Start: 14413, Stop: 15213, Start Num: 19

Candidate Starts for Vortex_18:

(Start: 19 @14413 has 307 MA's), (30, 14476), (41, 14533), (42, 14542), (43, 14545), (57, 14641), (63, 14677), (84, 14794), (105, 14926), (109, 14941), (113, 14962), (116, 14992), (137, 15061), (147, 15112), (153, 15133), (163, 15187), (164, 15190),

Gene: WaddleDee_71 Start: 46478, Stop: 47122, Start Num: 17

Candidate Starts for WaddleDee_71:

(Start: 17 @46478 has 15 MA's), (32, 46553), (39, 46592), (63, 46748), (98, 46928), (125, 47051),

Gene: Wallhey_17 Start: 14264, Stop: 15064, Start Num: 19

Candidate Starts for Wallhey_17:

(Start: 19 @14264 has 307 MA's), (30, 14327), (41, 14384), (42, 14393), (43, 14396), (57, 14492), (63, 14528), (84, 14645), (105, 14777), (109, 14792), (113, 14813), (116, 14843), (137, 14912), (147, 14963), (163, 15038), (164, 15041),

Gene: Waterdiva_18 Start: 14700, Stop: 15500, Start Num: 19

Candidate Starts for Waterdiva_18:

(Start: 19 @14700 has 307 MA's), (30, 14763), (41, 14820), (42, 14829), (43, 14832), (57, 14928), (63, 14964), (84, 15081), (105, 15213), (109, 15228), (113, 15249), (116, 15279), (137, 15348), (147, 15399), (153, 15420), (163, 15474), (164, 15477),

Gene: Wayne3_29 Start: 17728, Stop: 18675, Start Num: 16

Candidate Starts for Wayne3_29:

(Start: 16 @17728 has 198 MA's), (22, 17752), (31, 17800), (40, 17848), (117, 18298), (147, 18415), (170, 18520), (178, 18595),

Gene: Weher20_18 Start: 14690, Stop: 15490, Start Num: 19

Candidate Starts for Weher20_18:

(Start: 19 @14690 has 307 MA's), (30, 14753), (41, 14810), (42, 14819), (43, 14822), (57, 14918), (63, 14954), (84, 15071), (105, 15203), (109, 15218), (113, 15239), (116, 15269), (137, 15338), (147, 15389), (153, 15410), (163, 15464), (164, 15467),

Gene: WheelerS25_33 Start: 18462, Stop: 19409, Start Num: 16

Candidate Starts for WheelerS25_33:

(Start: 16 @18462 has 198 MA's), (22, 18486), (31, 18534), (40, 18582), (60, 18711), (117, 19032), (147, 19149), (170, 19254), (178, 19329),

Gene: Wheelie_27 Start: 17046, Stop: 17993, Start Num: 16

Candidate Starts for Wheelie_27:

(Start: 16 @17046 has 198 MA's), (22, 17070), (31, 17118), (40, 17166), (117, 17616), (147, 17733), (170, 17838), (178, 17913),

Gene: Wilca_27 Start: 16100, Stop: 17041, Start Num: 16

Candidate Starts for Wilca_27:

(Start: 16 @16100 has 198 MA's), (26, 16145), (37, 16199), (76, 16439), (117, 16667), (142, 16745), (147, 16781), (158, 16835), (179, 16979), (182, 17021),

Gene: Wilde_23 Start: 16071, Stop: 16994, Start Num: 12

Candidate Starts for Wilde_23:

(Start: 12 @16071 has 19 MA's), (21, 16101), (25, 16119), (26, 16125), (28, 16134), (60, 16329), (79, 16446), (104, 16560), (111, 16596), (120, 16650), (129, 16671), (140, 16716), (142, 16722), (147, 16758), (148, 16761), (159, 16818), (161, 16821), (176, 16905),

Gene: Windsor_17 Start: 14366, Stop: 15166, Start Num: 19

Candidate Starts for Windsor_17:

(Start: 19 @14366 has 307 MA's), (30, 14429), (41, 14486), (42, 14495), (43, 14498), (57, 14594), (63, 14630), (84, 14747), (105, 14879), (109, 14894), (113, 14915), (116, 14945), (137, 15014), (147, 15065), (153, 15086), (163, 15140), (164, 15143),

Gene: Wizard_22 Start: 15288, Stop: 15974, Start Num: 16

Candidate Starts for Wizard_22:

(Start: 16 @15288 has 198 MA's), (41, 15414), (64, 15561), (85, 15681), (116, 15837), (124, 15864), (136, 15909), (137, 15912),

Gene: Xavier_17 Start: 14418, Stop: 15218, Start Num: 19

Candidate Starts for Xavier_17:

(Start: 19 @14418 has 307 MA's), (30, 14481), (41, 14538), (42, 14547), (43, 14550), (57, 14646), (63, 14682), (84, 14799), (105, 14931), (109, 14946), (113, 14967), (116, 14997), (137, 15066), (147, 15117), (153, 15138), (163, 15192), (164, 15195),

Gene: Xkcd426_22 Start: 24333, Stop: 25025, Start Num: 18

Candidate Starts for Xkcd426_22:

(Start: 18 @24333 has 12 MA's), (26, 24372), (33, 24405), (37, 24423), (38, 24435), (41, 24450), (50, 24516), (61, 24585), (69, 24615), (70, 24618), (83, 24705), (117, 24876), (129, 24912), (137, 24948), (142, 24963),

Gene: YDN12_17 Start: 16883, Stop: 17587, Start Num: 18

Candidate Starts for YDN12_17:

(Start: 18 @16883 has 12 MA's), (24, 16913), (28, 16931), (37, 16973), (38, 16985), (40, 16994), (41, 17000), (43, 17012), (44, 17018), (60, 17123), (63, 17144), (69, 17165), (83, 17255), (110, 17375), (116, 17423), (117, 17426), (124, 17456), (129, 17468), (137, 17504),

Gene: Yeti_30 Start: 17302, Stop: 17982, Start Num: 16

Candidate Starts for Yeti_30:

(Start: 16 @17302 has 198 MA's), (34, 17389), (39, 17413), (49, 17488), (52, 17500), (60, 17548), (72, 17608), (96, 17737), (100, 17749), (109, 17797), (116, 17851), (137, 17911),

Gene: YorkOnyx_24 Start: 18263, Stop: 18958, Start Num: 15

Candidate Starts for YorkOnyx_24:

(Start: 15 @18263 has 16 MA's), (25, 18302), (52, 18464), (80, 18635), (82, 18647), (117, 18821), (146, 18938), (150, 18953),

Gene: Yoshand_18 Start: 14703, Stop: 15503, Start Num: 19

Candidate Starts for Yoshand_18:

(Start: 19 @14703 has 307 MA's), (30, 14766), (41, 14823), (42, 14832), (43, 14835), (57, 14931), (63, 14967), (84, 15084), (105, 15216), (109, 15231), (113, 15252), (116, 15282), (137, 15351), (147, 15402), (153, 15423), (163, 15477), (164, 15480),

Gene: YouGoGlencoco_18 Start: 14696, Stop: 15496, Start Num: 19

Candidate Starts for YouGoGlencoco_18:

(Start: 19 @14696 has 307 MA's), (30, 14759), (41, 14816), (42, 14825), (43, 14828), (57, 14924), (63, 14960), (84, 15077), (105, 15209), (109, 15224), (113, 15245), (116, 15275), (137, 15344), (147, 15395), (153, 15416), (163, 15470), (164, 15473),

Gene: YungMoney_24 Start: 16576, Stop: 17262, Start Num: 16

Candidate Starts for YungMoney_24:

(Start: 16 @16576 has 198 MA's), (37, 16675), (63, 16846), (64, 16849), (115, 17110), (124, 17152), (136, 17197), (137, 17200),

Gene: Zagie_28 Start: 17168, Stop: 18115, Start Num: 16

Candidate Starts for Zagie_28:

(Start: 16 @17168 has 198 MA's), (22, 17192), (31, 17240), (40, 17288), (116, 17735), (117, 17738), (147, 17855), (170, 17960), (178, 18035),

Gene: Zaider_19 Start: 14929, Stop: 15729, Start Num: 19

Candidate Starts for Zaider_19:

(Start: 19 @14929 has 307 MA's), (30, 14992), (41, 15049), (42, 15058), (43, 15061), (57, 15157), (63, 15193), (84, 15310), (105, 15442), (109, 15457), (113, 15478), (116, 15508), (137, 15577), (147, 15628), (153, 15649), (163, 15703), (164, 15706),

Gene: Zapato_29 Start: 17142, Stop: 17822, Start Num: 16

Candidate Starts for Zapato_29:

(Start: 16 @17142 has 198 MA's), (31, 17214), (34, 17229), (39, 17253), (49, 17328), (52, 17340), (61, 17400), (64, 17412), (72, 17448), (100, 17589), (109, 17637), (116, 17691), (137, 17751),

Gene: Zelda_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for Zelda_18:

(Start: 19 @14699 has 307 MA's), (30, 14762), (41, 14819), (42, 14828), (43, 14831), (57, 14927), (63, 14963), (84, 15080), (105, 15212), (109, 15227), (113, 15248), (116, 15278), (137, 15347), (147, 15398), (153, 15419), (163, 15473), (164, 15476),

Gene: Zenteno07_23 Start: 15859, Stop: 16659, Start Num: 19

Candidate Starts for Zenteno07_23:

(Start: 19 @15859 has 307 MA's), (30, 15922), (42, 15988), (43, 15991), (63, 16123), (84, 16240), (91, 16279), (137, 16507), (149, 16564),

Gene: Zhafia_30 Start: 17524, Stop: 18471, Start Num: 16

Candidate Starts for Zhafia_30:

(Start: 16 @17524 has 198 MA's), (22, 17548), (31, 17596), (40, 17644), (117, 18094), (147, 18211), (170, 18316), (178, 18391),

Gene: Zipp_24 Start: 19029, Stop: 19721, Start Num: 15

Candidate Starts for Zipp_24:

(Start: 15 @19029 has 16 MA's), (25, 19068), (28, 19083), (32, 19104), (33, 19107), (39, 19143), (80, 19398), (140, 19665),

Gene: Zitch_26 Start: 18227, Stop: 18913, Start Num: 16

Candidate Starts for Zitch_26:

(5, 18143), (6, 18170), (10, 18206), (Start: 16 @18227 has 198 MA's), (25, 18266), (28, 18281), (39, 18341), (80, 18596), (140, 18863), (146, 18899),

Gene: Zonia_18 Start: 14713, Stop: 15513, Start Num: 19

Candidate Starts for Zonia_18:

(Start: 19 @14713 has 307 MA's), (30, 14776), (41, 14833), (42, 14842), (43, 14845), (57, 14941), (63, 14977), (84, 15094), (105, 15226), (109, 15241), (113, 15262), (116, 15292), (137, 15361), (147, 15412), (163, 15487), (164, 15490),

Gene: phiAsp2_16 Start: 10966, Stop: 11655, Start Num: 18

Candidate Starts for phiAsp2_16:

(7, 10918), (Start: 18 @10966 has 12 MA's), (55, 11194), (58, 11203), (60, 11215), (64, 11239), (72, 11278), (81, 11341), (97, 11416), (103, 11443), (109, 11473), (110, 11476), (116, 11524),