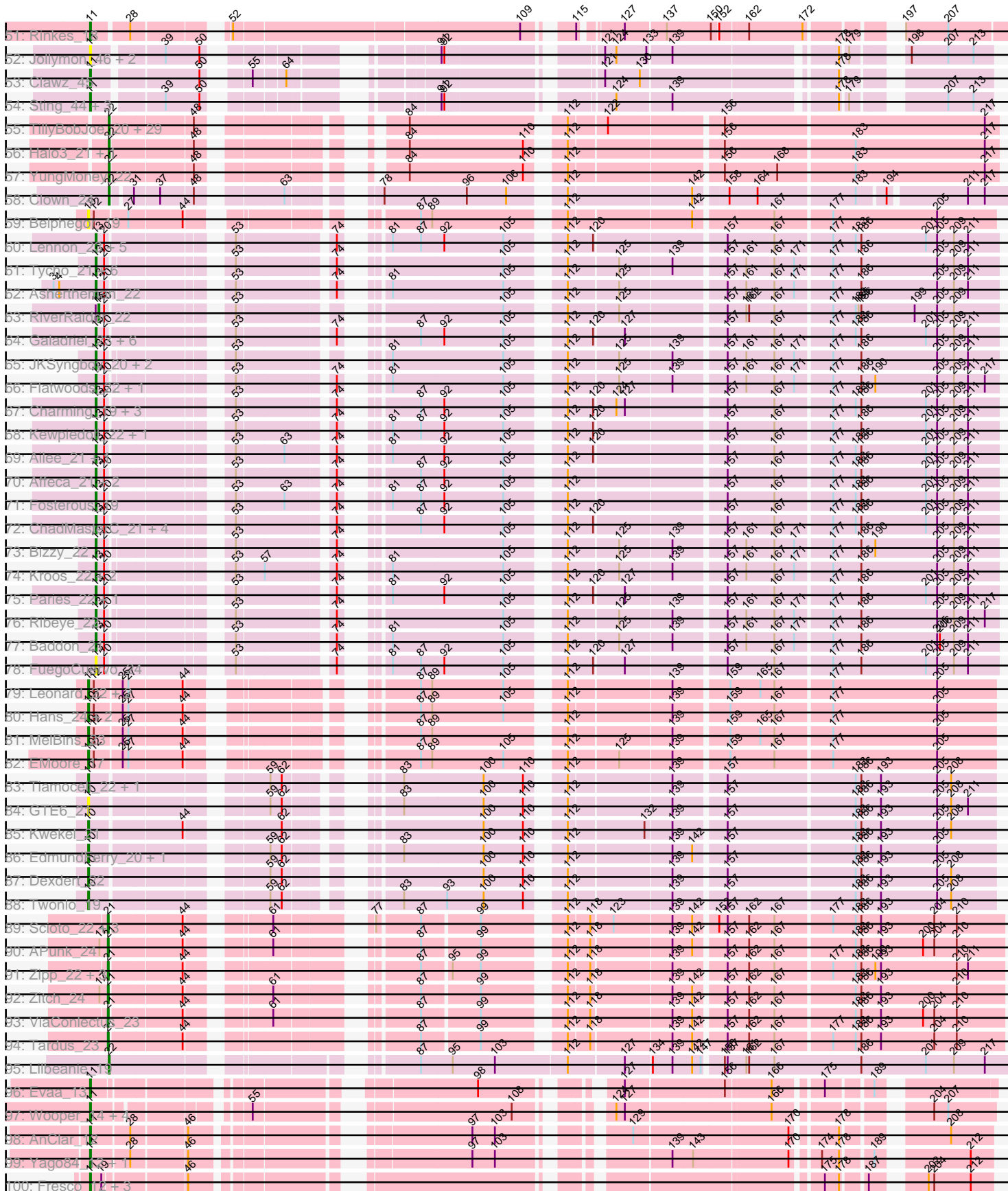
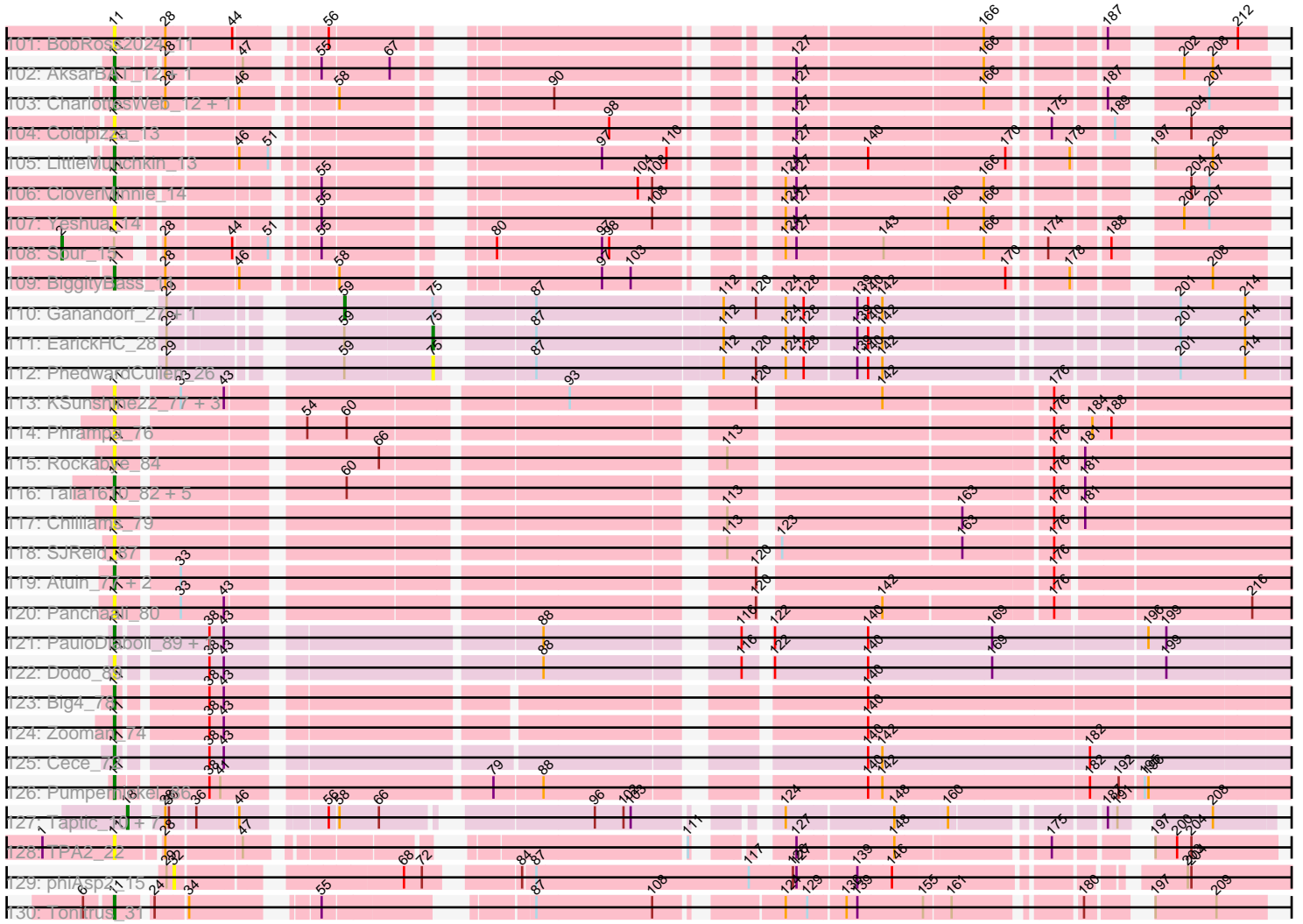


Pham 215664



Pham 215664



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 215664 Report

This analysis was run 02/22/25 on database version 588.

Pham number 215664 has 653 members, 111 are drafts.

Phages represented in each track:

- Track 1 : Sejanus_11
- Track 2 : Mao1_10, Dori_11, Mask_11
- Track 3 : Causa_20, StAugustine_18
- Track 4 : Puhltonio_13, Soto_13, HSavage_13, TallGrassMM_13, Simielle_12, HenryJackson_12, Sheila_13, Gyarad_0013, Cornobble_12, Slatt_13, Fringe_13, Numberten_13, Vaishali24_12, Carthage_12, Phamished_13, Doddsville_13, OliverWalter_13, Dione_12, Mesmerelda_13, FluffyNinja_13, Yoshand_13, Etaye_13, Virgeve_12, Toni_12, Mcshane_12, Vivaldi_13, Zaider_14, Plmatters_13, Newman_13, Khan1_13, Nacho_0013, JakeO_12, CheetO_13, Spartan300_13, Piglet_0012, Squid_13, CamL_13, Daffy_13, Roscoe_14, Antonia_12, Mosaic_12, DelRivs_12, Serpentine_0013, Katniss_13, KlimbOn_13, BlueHusk_13, Hamish_13, Suffolk_13, Mikota_13, Rimu_12, ThreeOh3D2_13, Sophia_12, Kikipoo_13, Grand2040_12, DonSancho_12, PhatLouie_13, FugateOSU_12, Jesabah_13, Solosis_12, Mutante_12, Keitherie_13, Crownjwl_13, Aelin_12, Serendipity_13, MrPhizzler_12, Inchworm_13, Placalicious_12, Dati_13, Haimas_13, DirtJuice_13, Badfish_13, Oline_12, Jiraiya_12, Riverton_12, Orwigg_12, Jillium_12, Altwerkus_12, Nicole21_13, Chorkpop_13, Hetaeria_13, Burr_12, KLucky39_13, Selr12_13, DaddyDaniels_13, Chipette_14, UncleHowie_13, Valjean_13, Virapocalypse_13, Pipsqueak_13, Pherdinand_13, Childish_12, MiniBoss_13, Soile_13, Ricotta_12, Mulan_12, Prickles_13, Duggie_12, Iridoclysis_13, OSmaximus_13, Schueller_12, Gophee_13, Gwilliam_13, Horchata_13, Iridessa_12, Maru_12, Mana_12, Magic8_13, Morgushi_13, MitKao_13, Olak_12, Boehler_13, Thunderbird_12, PinheadLarry_13, Vista_13, JangoPhett_13, DoesntMatter_13, SDcharge11_13, BlackStallion_13, Durga_13, Riggan_13, Bishoperium_12, Nathan_14, UAch1_13, Mesh1_13, Mecca_12, AbsoluteMadLad_12, Fang_13, TomBombadil_13, Quisquilliae_13, Phipps_13, Craff_13, Kwadwo_12, Melc17_13, Lulwa_13, Manad_12, PhrodoBaggins_12, ProfessorX_13, Gareth_12, Kwksand96_12, Dice_12, JDog_12, Robyn_12, FriarPreacher_13, Cannibal_13, Bluephacebaby_12, Scoot17C_13, Lasso_13, LostAndPhound_12, Lopsy_12, Schadenfreude_12, Tooj_13, Haleema_12, Freya_12, CampRoach_13, Pacifista_12, Chaelin_12, AltPhacts_13, Orion_13, Beaglebox_12, Xavier_12, SassyCat97_12, Emiris_13, Charles1_13, PG1_13, Vortex_13, Cobra_13, Megatron_13, QueenBeane_13, Telesworld_12, Omniscient_13, LeeLot_13, Podrick_13, Giraffe_13, Murdoc_13, KingTut_12, IsaacEli_13, Vaticameos_13, ElvisPhasley_13, Potter_12, Pops_13, Chunky_13, Held_13, Lego3393_13, Kimbrough_13, Dingo_13, Oosterbaan_13, LeiMonet_13, Windsor_12, Roliet_13, Anderson_13, Harvey_13, Legolas_12, Tomlarah_13, Timmi_12, Nyala_12, Phareon_13, LemonSlice_13, Chah_13,

SilverBell_13, Inverness_13, Hertubise_13, Fozzie_12, Jiminy_12, Zelda_13, Banjo_12, EmpTee_13, Samaymay_13, SirBeauregard_12, Morty_13, Eugenia_13, Adriana_13, MRabcd_12, Thora_13, HighStump_12, LasagnaCat_13, Frankicide_13, Eremos_13, Basato_14, Cornbread_13, Apizium_12, LuckyMarjie_12, Daka_13, Matalotodo_13, Cher_12, Buckeye_13, TooFast2Furius_14, Trypo_13, GeneCoco_13, Colbert_13, Brilliant_13, RedMaple_12, Plata_13, Skippy_13, Kahve_12, Usavi_13, Swiphy_13, Weher20_13, Squiggle_13, YouGoGlencoco_13, Surely_13, Cosmolli16_12, Megamind20_13, KingVeVeVe_13, Kloppinator_13, PhatCats2014_13

- Track 5 : Phergie_12, Struggle_12, JacAttac_13, Orfeu_12, Andre_13, Hocus_12, Hartsy_13, ABU_13, PhenghisKhan_12, ImtiyazSitla_12, PhrankReynolds_12, Roy17_13, Maskar_12, Labeouficaum_12, CharlieGBrown_12, BatteryCK_12, Swish_13, Gwennie1_13, DuchessDung_12, Pinkman_12, Phleuron_12, Derpp_12, MichaelPhcott_12, AngelCake_12, Kailash_13, Zonia_13, True_12, Sigman_13, MelsMeow_12, Wallhey_12, Waterdiva_13, Longacauda_12, Chute_12, Mag7_12, Ashraf_12, Scrick_12, Lulumae_12, Olive_13, Lumine_12, TyrionL_12, Caspiroi_14, Veritas_12, Coletti_12, Phunky_13, ShiVal_13

- Track 6 : Imvubu_10

- Track 7 : Indlovu_13

- Track 8 : LilMcDreamy_14

- Track 9 : Zenteno07_18

- Track 10 : BirdsNest_18

- Track 11 : Hashim76_18

- Track 12 : Arbiter_16, Kheth_16, Ares_16, Eaglehorse_16, ItsyBitsy1_16, Lephleur_16, Calamitous_16, Blocker23_16, Allegro_16, Phantasmagoria_16, Boyle_16, TA17A_16, Rhinoforte_16, Faze9_16, Lars_16, Kaleb_16, Tres_16, Brownie5_16, Rosebush_16, Tinciduntolum_17, West99_16, Qyrzula_15, LilSmirk_16, Kolhan_16, Opia_16, Sabella_16, MasterPo_16, Bananafish_16, Hedgerow_16

- Track 13 : LizLemon_16, Laurie_16, Vic9_00016, PrinceCharming_16, Glass_16

- Track 14 : FrenchFry_16

- Track 15 : Godines_16, Holeinone_16, Coffee_16

- Track 16 : Jackstina_14, Yinz_15, Pipefish_15, Shenandoah_15, HarveySr_15, Briakila_15, Compostia_16, Heathcliff_15, Daisy_15, Corofin_15, RomaT_15, Philly_14, SlippinJimmy_15, Olivio_14, Chandler_15, LestyG_15

- Track 17 : SynergyX_15, GlenHope_16, RagingRooster_15, Chentzyk_14, Audrey_15, Bernardo_15, Casbah_14, Ben11_14, Marlia_15, Neos5_15, Abinghost_15, Kamiyu_15, Gadget_16, Baloo_15, Deenasa_15, Chalmers_15, SwainyDoc_15, Kronus_14, Halfpint_14, Athena_16, Nozo_15, ChaChing_15, Gervas_15, Akoma_15, Rita1961_15, Yahalom_15, Morty007_15, Glubnar_15, Mortcellus_14, Marley1013_15, OrangeOswald_15, Phlyer_15, Tydolla_15, TinyTerror_15, Devonte_15, Obutu_15, MmasiCarm_15, Phayeta_15, Phaedrus_14

- Track 18 : BobbyK_13, Frederick_13

- Track 19 : Austelle_14, Hydro_13, RawrgerThat_13, Mithril_13, Lolalove_13, Hangman_13, Zemanar_14, Waleliano_13, BrownCNA_14

- Track 20 : Xincheng_13

- Track 21 : Hally898_12, Nanao_12, GinPorsche_12, Lambano_12, Epah_12, Poster_12, Antihero_12, Ahwei_12

- Track 22 : VioletZ_13, Fortunato_13, Apex_13, Magpie_13

- Track 23 : JaguarMi_14

- Track 24 : Nigel_11, JAMaL_13

- Track 25 : ChrisnMich_12

- Track 26 : AlanGrant_14, Vincenzo_14

- Track 27 : Cooper_13
- Track 28 : Mudslide_13, Prince_13
- Track 29 : Heath_13
- Track 30 : Stinger_11
- Track 31 : Fanaw_13
- Track 32 : QueenPie_13
- Track 33 : DigitDog_14, Shenyu_14, Nangang_14
- Track 34 : KarasumaRum_15, StinkyVeggy_15
- Track 35 : Rich_14, Bae_14
- Track 36 : Donny_14, Suigeneris_14, Acadian_14, SirJeffery_14
- Track 37 : Nehemiah_13, Reprobate_14, Phelemich_14, Mysterious_14
- Track 38 : Serendipitous_14
- Track 39 : Rita130_14
- Track 40 : EastView9101_14
- Track 41 : 39HC_011, 40BC_011, Hosp_09
- Track 42 : ForDig_12, Jolie1_011
- Track 43 : KayaCho_11
- Track 44 : Saguaro_15
- Track 45 : Thonko_14
- Track 46 : PenguinLover67_16
- Track 47 : Knocker_18
- Track 48 : Quesadilla_15
- Track 49 : Funsized_18
- Track 50 : CRB2_16
- Track 51 : Rinkes_18
- Track 52 : Jollymon_46, ColdSoup_46, Amo99_46
- Track 53 : Clawz_45
- Track 54 : Sting_44, KingstonB_46, DonTron_45, Soos_41
- Track 55 : TillyBobJoe_20, Mutzi_22, Egi03_22, ClamChowder_22, Evamon_20, Gezellig_21, KimmyK_22, PinkCoffee_22, Fugax_22, Jambalaya_20, Salvador_20, Arri_23, VanDeWege_23, Valary_23, Togo_20, Danyall_22, CherryCola_24, Twister6_22, Phlop_20, Savbucketdawg_20, Wizard_20, RogerDodger_23, Portcullis_20, PullumCavea_20, CoveyB_23, Nubi_20, Shinji_20, Fireball_21, Barb_22, SmokingBunny_20
- Track 56 : Halo3_21, Bakery_21
- Track 57 : YungMoney_22
- Track 58 : Clown_24
- Track 59 : Belphegor_19
- Track 60 : Lennon_23, Bibwit_22, Barsten_22, Stultus_21, Sedona_23, Sitar_23
- Track 61 : Tycho_21, Gaea_21, Baumdotcom_21, Gustavo_21, Kwobi_22, Saronaya_21, YorkOnyx_22
- Track 62 : Ashertheman_22
- Track 63 : RiverRaider_22
- Track 64 : Galadriel_23, MoontowerMania_20, McKinley_22, Rofo_21, Love_23, Vivi2_21, Nordenberg_16
- Track 65 : JKSyngboy_20, SchottB_20, LilHam_19
- Track 66 : Flatwoods_22, Derg_17
- Track 67 : Charming_19, Tangent_19, Shivanishola_21, BobBob_19
- Track 68 : Kewpiedoll_22, Geodirt_20
- Track 69 : Ailee_21, Keitabear_23
- Track 70 : Affeca_21, Angelicage_21, Fitzgerald_19
- Track 71 : Fosterous_19

- Track 72 : ChadMasterC_21, Sanjuju_19, Jabberwocky_19, Kamashten_22, Thing3_22
- Track 73 : Bizzy_22
- Track 74 : Kroos_22, Tangerine_21, StorminNorm_21
- Track 75 : Paries_22, Brandonk123_23
- Track 76 : Ribeye_22
- Track 77 : Baddon_21
- Track 78 : FuegoCuervo_24
- Track 79 : Leonard_22, Ali17_20, Phinally_22
- Track 80 : Hans_24, Phauci_15, Inspectinfecti_23
- Track 81 : MelBins_23
- Track 82 : EMoore_17
- Track 83 : Tiamoceli_22, Chickadee_21
- Track 84 : GTE6_21
- Track 85 : Kwekel_21
- Track 86 : EdmundFerry_20, RoadKill_19
- Track 87 : Dextert_22
- Track 88 : Twonlo_19
- Track 89 : Scioto_22, Natkenzie_22, Sampson_22, Abblin_22
- Track 90 : APunk_24
- Track 91 : Zipp_22, Delrey21_22, DoctorFroggo_22, Verity_22
- Track 92 : Zitch_24
- Track 93 : ViaConlectus_23
- Track 94 : Tardus_23
- Track 95 : Lilbeanie_19
- Track 96 : Evaa_13
- Track 97 : Wooper_14, CaiB_14, MakoManhole_14, MossRose_14, AnarQue_14
- Track 98 : AnClar_12
- Track 99 : Yago84_12, Sisko_12
- Track 100 : Fresco_12, Axumite_12, Shatter_12, Ligma_12
- Track 101 : BobRoss2024_11
- Track 102 : AksarBAT_12, NHagos_12
- Track 103 : CharlottesWeb_12, Mariokart_12
- Track 104 : Coldpizza_13
- Track 105 : LittleMunchkin_13
- Track 106 : CloverMinnie_14
- Track 107 : Yeshua_14
- Track 108 : Sour_15
- Track 109 : BiggityBass_11
- Track 110 : Ganandorf_27, PierreOrion_28
- Track 111 : EarickHC_28
- Track 112 : PhedwardCullen_26
- Track 113 : KSunshine22_77, Ellewin_74, DunneganBoMo_76, WaddleDee_76
- Track 114 : Phrampa_76
- Track 115 : Rockabye_84
- Track 116 : Talia1610_82, Racecar_83, Bloom_86, Mimi_82, GoldenEssence_71, Patbob_83
- Track 117 : Chilliams_79
- Track 118 : SJReid_87
- Track 119 : Atuin_77, ReginaGlobina_82, LeoJr_82
- Track 120 : Panchaali_80
- Track 121 : PauloDiaboli_89, A3Wally_89
- Track 122 : Dodo_89

- Track 123 : Big4_78
- Track 124 : Zooman_74
- Track 125 : Cece_72
- Track 126 : Pumpnickel_86
- Track 127 : Taptic_10, Argie_11, D12_10, PR_10, Megabear_10, Jeon_10, Cepens_10, GodPhather_11
- Track 128 : TPA2_22
- Track 129 : phiAsp2_15
- Track 130 : Tonitrus_31

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

The start number called the most often in the published annotations is 11, it was called in 341 of the 542 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- 39HC_011, 40BC_011, A3Wally_89, ABU_13, AbsoluteMadLad_12, Acadian_14, Adriana_13, Aelin_12, Ahwei_12, AksarBAT_12, AlanGrant_14, AltPhacts_13, Altwerkus_12, Amo99_46, AnClar_12, AnarQue_14, Anderson_13, Andre_13, AngelCake_12, Antihero_12, Antonia_12, Apex_13, Apizium_12, Ashraf_12, Atuin_77, Austelle_14, Axumite_12, Badfish_13, Bae_14, Banjo_12, Basato_14, BatteryCK_12, Beaglebox_12, Big4_78, BiggityBass_11, Bishoperium_12, BlackStallion_13, Bloom_86, BlueHusk_13, Bluephacebaby_12, BobRoss2024_11, BobbyK_13, Boehler_13, Brilliant_13, BrownCNA_14, Buckeye_13, Burr_12, CaiB_14, CamL_13, CampRoach_13, Cannibal_13, Carthage_12, CaspiBoi_14, Causa_20, Cece_72, Chaelin_12, Chah_13, Charles1_13, CharlieGBrown_12, CharlottesWeb_12, CheetO_13, Cher_12, Childish_12, Chilliamps_79, Chipette_14, Chorkpop_13, ChrisnMich_12, Chunky_13, Chute_12, Clawz_45, CloverMinnie_14, Cobra_13, Colbert_13, ColdSoup_46, Coldpizza_13, Coletti_12, Cooper_13, Cornbread_13, Cornobble_12, Cosmolli16_12, Craff_13, Crownjwl_13, DaddyDaniels_13, Daffy_13, Daka_13, Dati_13, DelRivs_12, Derpp_12, Dice_12, DigitDog_14, Dingo_13, Dione_12, DirtJuice_13, Doddsville_13, Dodo_89, DoesntMatter_13, DonSancho_12, DonTron_45, Donny_14, DuchessDung_12, Duggie_12, DunneganBoMo_76, Durga_13, EastView9101_14, Ellewin_74, ElvisPhasley_13, Emiris_13, EmpTee_13, Epah_12, Eremos_13, Etaye_13, Eugenia_13, Evaa_13, Fanaw_13, Fang_13, FluffyNinja_13, ForDig_12, Fortunato_13, Fozzie_12, Frankicide_13, Frederick_13, Fresco_12, Freya_12, FriarPreacher_13, Fringe_13, FugateOSU_12, Funsized_18, Gareth_12, GeneCoco_13, GinPorsche_12, Giraffe_13, GoldenEssence_71, Gophee_13, Grand2040_12, Gwennie1_13, Gwilliam_13, Gyarad_0013, HSavage_13, Haimas_13, Haleema_12, Hally898_12, Hamish_13, Hangman_13, Hartsy_13, Harvey_13, Heath_13, Held_13, HenryJackson_12, Hertubise_13, Hetaeria_13, HighStump_12, Hocus_12, Horchata_13, Hosp_09, Hydro_13, ImtiyazSitla_12, Imvubu_10, Inchworm_13, Inverness_13, Iridessa_12, Iridoclysis_13, IsaacEli_13, JAMaL_13, JDog_12, JacAttac_13, JaguarMi_14, JakeO_12, JangoPhett_13, Jesabah_13, Jillium_12, Jiminy_12, Jiraiya_12, Jolie1_011, Jollymon_46, KLucky39_13, KSunshine22_77, Kahve_12, Kailash_13, KarasumaRum_15, Katniss_13, KayaCho_11, Keitherie_13, Khan1_13, Kikipoo_13, Kimbrough_13, KingTut_12, KingVeVeVe_13, KingstonB_46, KlimbOn_13, Kloppinator_13, Knocker_18, Kwadwo_12, Kwksand96_12, Labeouficaum_12, Lambano_12,

LasagnaCat_13, Lasso_13, LeeLot_13, Lego3393_13, Legolas_12, LeiMonet_13, LemonSlice_13, LeoJr_82, Ligma_12, LilMcDreamy_14, LittleMunchkin_13, Lolalove_13, Longacauda_12, Lopsy_12, LostAndPhound_12, LuckyMarjie_12, Lulumae_12, Lulwa_13, Lumine_12, MRabcd_12, Mag7_12, Magic8_13, Magpie_13, MakoManhole_14, Mana_12, Manad_12, Mariokart_12, Maru_12, Maskar_12, Matalotodo_13, Mcshane_12, Mecca_12, Megamind20_13, Megatron_13, Melc17_13, MelsMeow_12, Mesh1_13, Mesmerelda_13, MichaelPhcott_12, Mikota_13, Mimi_82, MiniBoss_13, MitKao_13, Mithril_13, Morgushi_13, Morty_13, Mosaic_12, MossRose_14, MrPhizzler_12, Mudslide_13, Mulan_12, Murdoc_13, Mutante_12, Mysterious_14, NHagos_12, Nacho_0013, Nanao_12, Nangang_14, Nathan_14, Nehemiah_13, Newman_13, Nicole21_13, Nigel_11, Numberten_13, Nyala_12, OSmaximus_13, Olak_12, Oline_12, Olive_13, OliverWalter_13, Omniscient_13, Oosterbaan_13, Orfeu_12, Orion_13, Orwigg_12, PG1_13, Pacifista_12, Panchaali_80, Patbob_83, PauloDiaboli_89, Phamished_13, Phareon_13, PhatCats2014_13, PhatLouie_13, Phelemich_14, PhenghisKhan_12, Pherdinand_13, Phergie_12, Phipps_13, Phleuron_12, Phrampa_76, PhrankReynolds_12, PhrodoBaggins_12, Phunky_13, Piglet_0012, PinheadLarry_13, Pinkman_12, Pipsqueak_13, Placalicious_12, Plata_13, Plmatters_13, Podrick_13, Pops_13, Poster_12, Potter_12, Prickles_13, Prince_13, ProfessorX_13, Puhltonio_13, Pumpnickel_86, QueenBeane_13, QueenPie_13, Quisquilliae_13, Racecar_83, RawrgerThat_13, RedMaple_12, ReginaGlobina_82, Reprobate_14, Rich_14, Ricotta_12, Riggan_13, Rimu_12, Rinkes_18, Rita130_14, Riverton_12, Robyn_12, Rockabye_84, Roliet_13, Roscoe_14, Roy17_13, SDcharge11_13, SJReid_87, Samaymay_13, SassyCat97_12, Schadenfreude_12, Schueller_12, Scoot17C_13, Scrick_12, Selr12_13, Serendipitous_14, Serendipity_13, Serpentine_0013, Shatter_12, Sheila_13, Shenyu_14, ShiVal_13, Sigman_13, SilverBell_13, Simielle_12, SirBeauregard_12, SirJeffery_14, Sisko_12, Skippy_13, Slatt_13, Soile_13, Solosis_12, Soos_41, Sophia_12, Soto_13, Spartan300_13, Squid_13, Squiggle_13, StAugustine_18, Sting_44, Stinger_11, StinkyVeggy_15, Struggle_12, Suffolk_13, Suigeneris_14, Surely_13, Swiphy_13, Swish_13, TPA2_22, Talia1610_82, TallGrassMM_13, Telesworld_12, Thonko_14, Thora_13, ThreeOh3D2_13, Thunderbird_12, Timmi_12, TomBombadil_13, Tomlarah_13, Toni_12, Tonitrus_31, TooFast2Furius_14, Tooj_13, True_12, Trypo_13, TyrionL_12, UAch1_13, UncleHowie_13, Usavi_13, Vaishali24_12, Valjean_13, Vaticameos_13, Veritas_12, Vincenzo_14, VioletZ_13, Virapocalypse_13, Virgeve_12, Vista_13, Vivaldi_13, Vortex_13, WaddleDee_76, Waleliano_13, Wallhey_12, Waterdiva_13, Weher20_13, Windsor_12, Wooper_14, Xavier_12, Xincheng_13, Yago84_12, Yeshua_14, Yoshand_13, YouGoGlencoco_13, Zaider_14, Zelda_13, Zemanar_14, Zonia_13, Zooman_74,

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

- Sour_15,

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

- APunk_24, Abblin_22, Abinghost_15, Affeca_21, Ailee_21, Akoma_15, Ali17_20, Allegro_16, Angelicage_21, Arbiter_16, Ares_16, Argie_11, Arri_23, Ashertheman_22, Athena_16, Audrey_15, Baddon_21, Bakery_21, Baloo_15, Bananafish_16, Barb_22, Barsten_22, Baumdotcom_21, Belphegor_19, Ben11_14, Bernardo_15, Bibwit_22, BirdsNest_18, Bizzy_22, Blocker23_16, BobBob_19, Boyle_16, Brandonk123_23, Briakila_15, Brownie5_16, CRB2_16, Calamitous_16, Casbah_14, Cepens_10, ChaChing_15, ChadMasterC_21, Chalmers_15, Chandler_15, Charming_19, Chentzyk_14, CherryCola_24, Chickadee_21, ClamChowder_22, Clown_24, Coffee_16, Compostia_16, Corofin_15, CoveyB_23,

D12_10, Daisy_15, Danyall_22, Deenasa_15, Delrey21_22, Derg_17, Devonte_15, Dextert_22, DoctorFroggo_22, Dori_11, EMOore_17, Eaglehorse_16, EarickHC_28, EdmundFerry_20, Egi03_22, Evamon_20, Faze9_16, Fireball_21, Fitzgerald_19, Flatwoods_22, Fosterous_19, FrenchFry_16, FuegoCuervo_24, Fugax_22, GTE6_21, Gadget_16, Gaea_21, Galadriel_23, Ganandorf_27, Geodirt_20, Gervas_15, Gezellig_21, Glass_16, GlenHope_16, Glubnar_15, GodPhather_11, Godines_16, Gustavo_21, Halfpint_14, Halo3_21, Hans_24, HarveySr_15, Hashim76_18, Heathcliff_15, Hedgerow_16, Holeinone_16, Indlovu_13, Inspectinfecti_23, ItsyBitsy1_16, JKSyngboy_20, Jabberwocky_19, Jackstina_14, Jambalaya_20, Jeon_10, Kaleb_16, Kamashten_22, Kamiyu_15, Keitabear_23, Kewpiedoll_22, Kheth_16, KimmyK_22, Kolhan_16, Kronus_14, Kroos_22, Kwekel_21, Kwobi_22, Lars_16, Laurie_16, Lennon_23, Leonard_22, Lephleur_16, LestyG_15, LilHam_19, LilSmirk_16, Lilbeanie_19, LizLemon_16, Love_23, Mao1_10, Marley1013_15, Marlia_15, Mask_11, MasterPo_16, McKinley_22, Megabear_10, MelBins_23, MmasiCarm_15, MoontowerMania_20, Mortcellus_14, Morty007_15, Mutzi_22, Natkenzie_22, Neos5_15, Nordenberg_16, Nozo_15, Nubi_20, Obutu_15, Olivio_14, Opia_16, OrangeOswald_15, PR_10, Paries_22, PenguinLover67_16, Phaedrus_14, Phantasmagoria_16, Phauci_15, Phayeta_15, PhedwardCullen_26, Philly_14, Phinally_22, Phlop_20, Phlyer_15, PierreOrion_28, PinkCoffee_22, Pipefish_15, Portcullis_20, PrinceCharming_16, PullumCavea_20, Quesadilla_15, Qyrzula_15, RagingRooster_15, Rhinoforte_16, Ribeye_22, Rita1961_15, RiverRaider_22, RoadKill_19, Rofo_21, RogerDodger_23, RomaT_15, Rosebush_16, Sabella_16, Saguaro_15, Salvador_20, Sampson_22, Sanjuju_19, Saronaya_21, Savbucketdawg_20, SchottB_20, Scioto_22, Sedona_23, Sejanus_11, Shenandoah_15, Shinji_20, Shivanishola_21, Sitar_23, SlippinJimmy_15, SmokingBunny_20, StorminNorm_21, Stultus_21, SwainyDoc_15, SynergyX_15, TA17A_16, Tangent_19, Tangerine_21, Taptic_10, Tardus_23, Thing3_22, Tiamoceli_22, TillyBobJoe_20, Tinciduntolum_17, TinyTerror_15, Togo_20, Tres_16, Twister6_22, Twonlo_19, Tycho_21, Tydolla_15, Valary_23, VanDeWege_23, Verity_22, ViaConlectus_23, Vic9_00016, Vivi2_21, West99_16, Wizard_20, Yahalom_15, Yinz_15, YorkOnyx_22, YungMoney_22, Zenteno07_18, Zipp_22, Zitch_24, phiAsp2_15,

Summary by start number:

Start 2:

- Found in 1 of 653 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 542
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Sour_15 (DR),

Start 5:

- Found in 2 of 653 (0.3%) of genes in pham
- Manual Annotations of this start: 2 of 542
- Called 100.0% of time when present
- Phage (with cluster) where this start called: CRB2_16 (B9), PenguinLover67_16 (B9),

Start 7:

- Found in 1 of 653 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 542
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Quesadilla_15 (B9),

Start 8:

- Found in 1 of 653 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 542
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Saguaro_15 (B7),

Start 9:

- Found in 38 of 653 (5.8%) of genes in pham
- Manual Annotations of this start: 34 of 542
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Allegro_16 (B2), Arbitrator_16 (B2), Ares_16 (B2), Bananafish_16 (B2), Blocker23_16 (B2), Boyle_16 (B2), Brownie5_16 (B2), Calamitous_16 (B2), Coffee_16 (B2), Eaglehorse_16 (B2), Faze9_16 (B2), FrenchFry_16 (B2), Glass_16 (B2), Godines_16 (B2), Hedgerow_16 (B2), Holeinone_16 (B2), ItsyBitsy1_16 (B2), Kaleb_16 (B2), Kheth_16 (B2), Kolhan_16 (B2), Lars_16 (B2), Laurie_16 (B2), Lephleur_16 (B2), LilSmirk_16 (B2), LizLemon_16 (B2), MasterPo_16 (B2), Opia_16 (B2), Phantasmagoria_16 (B2), PrinceCharming_16 (B2), Qyrzula_15 (B2), Rhinoforte_16 (B2), Rosebush_16 (B2), Sabella_16 (B2), TA17A_16 (B2), Tinciduntolum_17 (B2), Tres_16 (B2), Vic9_00016 (B2), West99_16 (B2),

Start 10:

- Found in 17 of 653 (2.6%) of genes in pham
- Manual Annotations of this start: 15 of 542
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Ali17_20 (DE2), Belphegor_19 (DE), Chickadee_21 (DE3), Dexdert_22 (DE3), EMoore_17 (DE2), EdmundFerry_20 (DE3), GTE6_21 (DE3), Hans_24 (DE2), Inspectinfecti_23 (DE2), Kwekel_21 (DE3), Leonard_22 (DE2), MelBins_23 (DE2), Phauci_15 (DE2), Phinally_22 (DE2), RoadKill_19 (DE3), Tiamoceli_22 (DE3), Twonlo_19 (DE3),

Start 11:

- Found in 418 of 653 (64.0%) of genes in pham
- Manual Annotations of this start: 341 of 542
- Called 99.8% of time when present
- Phage (with cluster) where this start called: 39HC_011 (B6), 40BC_011 (B6), A3Wally_89 (GD1), ABU_13 (B1), AbsoluteMadLad_12 (B1), Acadian_14 (B5), Adriana_13 (B1), Aelin_12 (B1), Ahwei_12 (B4), AksarBAT_12 (DR), AlanGrant_14 (B4), AltPhacts_13 (B1), Altwerkus_12 (B1), Amo99_46 (CP), AnClar_12 (DR), AnarQue_14 (DR), Anderson_13 (B1), Andre_13 (B1), AngelCake_12 (B1), Antihero_12 (B4), Antonia_12 (B1), Apex_13 (B4), Apizium_12 (B1), Ashraf_12 (B1), Atuin_77 (FC), Austelle_14 (B4), Axumite_12 (DR), Badfish_13 (B1), Bae_14 (B5), Banjo_12 (B1), Basato_14 (B1), BatteryCK_12 (B1), Beaglebox_12 (B1), Big4_78 (GD2), BiggityBass_11 (DR), Bishoperium_12 (B1), BlackStallion_13 (B1), Bloom_86 (FC), BlueHusk_13 (B1), Bluephacebaby_12 (B1), BobRoss2024_11 (DR), BobbyK_13 (B4), Boehler_13 (B1), Brilliant_13 (B1), BrownCNA_14 (B4), Buckeye_13 (B1), Burr_12 (B1), CaiB_14 (DR), CamL_13 (B1), CampRoach_13 (B1), Cannibal_13 (B1), Carthage_12 (B1), Caspiroi_14 (B1), Causa_20 (AI), Cece_72 (GD3), Chaelin_12 (B1), Chah_13 (B1), Charles1_13 (B1), CharlieGBrown_12 (B1), CharlottesWeb_12 (DR), CheetO_13 (B1), Cher_12 (B1), Childish_12 (B1), Chilliams_79 (FC), Chipette_14 (B1), Chorkpop_13 (B1), ChrisnMich_12 (B4), Chunky_13 (B1), Chute_12 (B1), Clawz_45 (CP), CloverMinnie_14 (DR), Cobra_13

(B1), Colbert_13 (B1), ColdSoup_46 (CP), Coldpizza_13 (DR), Coletti_12 (B1), Cooper_13 (B4), Cornbread_13 (B1), Cornobble_12 (B1), Cosmolli16_12 (B1), Craff_13 (B1), Crownjwl_13 (B1), DaddyDaniels_13 (B1), Daffy_13 (B1), Daka_13 (B1), Dati_13 (B1), DelRivs_12 (B1), Derpp_12 (B1), Dice_12 (B1), DigitDog_14 (B5), Dingo_13 (B1), Dione_12 (B1), DirtJuice_13 (B1), Doddsville_13 (B1), Dodo_89 (GD1), DoesntMatter_13 (B1), DonSancho_12 (B1), DonTron_45 (CP), Donny_14 (B5), DuchessDung_12 (B1), Duggie_12 (B1), DunneganBoMo_76 (FC), Durga_13 (B1), EastView9101_14 (B5), Ellewin_74 (FC), ElvisPhasley_13 (B1), Emiris_13 (B1), EmpTee_13 (B1), Epah_12 (B4), Eremos_13 (B1), Etaye_13 (B1), Eugenia_13 (B1), Evaa_13 (DR), Fanaw_13 (B4), Fang_13 (B1), FluffyNinja_13 (B1), ForDig_12 (B6), Fortunato_13 (B4), Fozzie_12 (B1), Frankicide_13 (B1), Frederick_13 (B4), Fresco_12 (DR), Freya_12 (B1), FriarPreacher_13 (B1), Fringe_13 (B1), FugateOSU_12 (B1), Funsized_18 (B9), Gareth_12 (B1), GeneCoco_13 (B1), GinPorsche_12 (B4), Giraffe_13 (B1), GoldenEssence_71 (FC), Gophee_13 (B1), Grand2040_12 (B1), Gwennie1_13 (B1), Gwilliam_13 (B1), Gyrad_0013 (B1), HSavage_13 (B1), Haimas_13 (B1), Haleema_12 (B1), Hally898_12 (B4), Hamish_13 (B1), Hangman_13 (B4), Hartsy_13 (B1), Harvey_13 (B1), Heath_13 (B4), Held_13 (B1), HenryJackson_12 (B1), Hertubise_13 (B1), Hetaeria_13 (B1), HighStump_12 (B1), Hocus_12 (B1), Horchata_13 (B1), Hosp_09 (B6), Hydro_13 (B4), ImtiyazSitla_12 (B1), Imvubu_10 (B10), Inchworm_13 (B1), Inverness_13 (B1), Iridessa_12 (B1), Iridoclysis_13 (B1), IsaacEli_13 (B1), JAMaL_13 (B4), JDog_12 (B1), JacAttac_13 (B1), JaguarMi_14 (B4), JakeO_12 (B1), JangoPhett_13 (B1), Jesabah_13 (B1), Jillium_12 (B1), Jiminy_12 (B1), Jiraiya_12 (B1), Jolie1_011 (B6), Jollymon_46 (CP), KLucky39_13 (B1), KSunshine22_77 (FC), Kahve_12 (B1), Kailash_13 (B1), KarasumaRum_15 (B5), Katniss_13 (B1), KayaCho_11 (B6), Keitherie_13 (B1), Khan1_13 (B1), Kikipoo_13 (B1), Kimbrough_13 (B1), KingTut_12 (B1), KingVeVeVe_13 (B1), KingstonB_46 (CP), KlimbOn_13 (B1), Kloppinator_13 (B1), Knocker_18 (B9), Kwadwo_12 (B1), Kwksand96_12 (B1), Labeouficaum_12 (B1), Lambano_12 (B4), LasagnaCat_13 (B1), Lasso_13 (B1), LeeLot_13 (B1), Lego3393_13 (B1), Legolas_12 (B1), LeiMonet_13 (B1), LemonSlice_13 (B1), LeoJr_82 (FC), Ligma_12 (DR), LilMcDreamy_14 (B12), LittleMunchkin_13 (DR), Lolalove_13 (B4), Longacauda_12 (B1), Lopsy_12 (B1), LostAndPhound_12 (B1), LuckyMarjie_12 (B1), Lulumae_12 (B1), Lulwa_13 (B1), Lumine_12 (B1), MRabcd_12 (B1), Mag7_12 (B1), Magic8_13 (B1), Magpie_13 (B4), MakoManhole_14 (DR), Mana_12 (B1), Manad_12 (B1), Mariokart_12 (DR), Maru_12 (B1), Maskar_12 (B1), Matalotodo_13 (B1), Mcshane_12 (B1), Mecca_12 (B1), Megamind20_13 (B1), Megatron_13 (B1), Melc17_13 (B1), MelsMeow_12 (B1), Mesh1_13 (B1), Mesmerelda_13 (B1), MichaelPhcott_12 (B1), Mikota_13 (B1), Mimi_82 (FC), MiniBoss_13 (B1), MitKao_13 (B1), Mithril_13 (B4), Morgushi_13 (B1), Morty_13 (B1), Mosaic_12 (B1), MossRose_14 (DR), MrPhizzler_12 (B1), Mudslide_13 (B4), Mulan_12 (B1), Murdoc_13 (B1), Mutante_12 (B1), Mysterious_14 (B5), NHagos_12 (DR), Nacho_0013 (B1), Nanao_12 (B4), Nangang_14 (B5), Nathan_14 (B1), Nehemiah_13 (B5), Newman_13 (B1), Nicole21_13 (B1), Nigel_11 (B4), Numberten_13 (B1), Nyala_12 (B1), OSmaximus_13 (B1), Olak_12 (B1), Oline_12 (B1), Olive_13 (B1), OliverWalter_13 (B1), Omniscient_13 (B1), Oosterbaan_13 (B1), Orfeu_12 (B1), Orion_13 (B1), Orwigg_12 (B1), PG1_13 (B1), Pacifista_12 (B1), Panchaali_80 (FC), Patbob_83 (FC), PauloDiaboli_89 (GD1), Phamished_13 (B1), Phareon_13 (B1), PhatCats2014_13 (B1), PhatLouie_13 (B1), Phelemich_14 (B5), PhenghisKhan_12 (B1), Pherdinand_13 (B1), Phergie_12 (B1), Phipps_13 (B1), Phleuron_12 (B1), Phrampa_76 (FC), PhrankReynolds_12 (B1), PhrodoBaggins_12 (B1), Phunky_13 (B1), Piglet_0012 (B1), PinheadLarry_13 (B1), Pinkman_12 (B1), Pipsqueak_13 (B1), Placalicious_12 (B1), Plata_13 (B1), Plmatters_13 (B1), Podrick_13 (B1), Pops_13 (B1), Poster_12 (B4), Potter_12 (B1), Prickles_13 (B1),

Prince_13 (B4), ProfessorX_13 (B1), Puhltonio_13 (B1), Pumpernickel_86 (GD4), QueenBeane_13 (B1), QueenPie_13 (B4), Quisquiliae_13 (B1), Racecar_83 (FC), RawrgerThat_13 (B4), RedMaple_12 (B1), ReginaGlobina_82 (FC), Reprobate_14 (B5), Rich_14 (B5), Ricotta_12 (B1), Riggan_13 (B1), Rimu_12 (B1), Rinkes_18 (B9), Rita130_14 (B5), Riverton_12 (B1), Robyn_12 (B1), Rockabye_84 (FC), Roliet_13 (B1), Roscoe_14 (B1), Roy17_13 (B1), SDcharge11_13 (B1), SJReid_87 (FC), Samaymay_13 (B1), SassyCat97_12 (B1), Schadenfreude_12 (B1), Schueller_12 (B1), Scoot17C_13 (B1), Scrick_12 (B1), Selr12_13 (B1), Serendipitous_14 (B5), Serendipity_13 (B1), Serpentine_0013 (B1), Shatter_12 (DR), Sheila_13 (B1), Shenyu_14 (B5), ShiVal_13 (B1), Sigman_13 (B1), SilverBell_13 (B1), Simielle_12 (B1), SirBeauregard_12 (B1), SirJeffery_14 (B5), Sisko_12 (DR), Skippy_13 (B1), Slatt_13 (B1), Soile_13 (B1), Solosis_12 (B1), Soos_41 (CP), Sophia_12 (B1), Soto_13 (B1), Spartan300_13 (B1), Squid_13 (B1), Squiggle_13 (B1), StAugustine_18 (AI), Sting_44 (CP), Stinger_11 (B4), StinkyVeggy_15 (B5), Struggle_12 (B1), Suffolk_13 (B1), Suigeneris_14 (B5), Surely_13 (B1), Swiphy_13 (B1), Swish_13 (B1), TPA2_22 (singleton), Talia1610_82 (FC), TallGrassMM_13 (B1), Telesworld_12 (B1), Thonko_14 (B8), Thora_13 (B1), ThreeOh3D2_13 (B1), Thunderbird_12 (B1), Timmi_12 (B1), TomBombadil_13 (B1), Tomlarah_13 (B1), Toni_12 (B1), Tonitrus_31 (singleton), TooFast2Furius_14 (B1), Tooj_13 (B1), True_12 (B1), Trypo_13 (B1), TyrionL_12 (B1), UAch1_13 (B1), UncleHowie_13 (B1), Usavi_13 (B1), Vaishali24_12 (B1), Valjean_13 (B1), Vaticameos_13 (B1), Veritas_12 (B1), Vincenzo_14 (B4), VioletZ_13 (B4), Virapocalypse_13 (B1), Virgeve_12 (B1), Vista_13 (B1), Vivaldi_13 (B1), Vortex_13 (B1), WaddleDee_76 (FC), Waleliano_13 (B4), Wallhey_12 (B1), Waterdiva_13 (B1), Weher20_13 (B1), Windsor_12 (B1), Wooper_14 (DR), Xavier_12 (B1), Xincheng_13 (B4), Yago84_12 (DR), Yeshua_14 (DR), Yoshand_13 (B1), YouGoGlencoco_13 (B1), Zaider_14 (B1), Zelda_13 (B1), Zemanar_14 (B4), Zonia_13 (B1), Zooman_74 (GD2),

Start 13:

- Found in 53 of 653 (8.1%) of genes in pham
- Manual Annotations of this start: 44 of 542
- Called 98.1% of time when present
- Phage (with cluster) where this start called: Affeca_21 (DE1), Ailee_21 (DE1), Angelicage_21 (DE1), Ashertheman_22 (DE1), Baddon_21 (DE1), Barsten_22 (DE1), Baumdotcom_21 (DE1), Bibwit_22 (DE1), Bizzy_22 (DE1), BobBob_19 (DE1), Brandonk123_23 (DE1), ChadMasterC_21 (DE1), Charming_19 (DE1), Derg_17 (DE1), Fitzgerald_19 (DE1), Flatwoods_22 (DE1), Fosterous_19 (DE1), FuegoCuervo_24 (DE1), Gaea_21 (DE1), Galadriel_23 (DE1), Geodirt_20 (DE1), Gustavo_21 (DE1), JKSyngboy_20 (DE1), Jabberwocky_19 (DE1), Kamashten_22 (DE1), Keitabear_23 (DE1), Kewpiedoll_22 (DE1), Kroos_22 (DE1), Kwobi_22 (DE1), Lennon_23 (DE1), LilHam_19 (DE1), Love_23 (DE1), McKinley_22 (DE1), MoontowerMania_20 (DE1), Nordenberg_16 (DE1), Paries_22 (DE1), Ribeye_22 (DE1), Rofo_21 (DE1), Sanjuju_19 (DE1), Saronaya_21 (DE1), SchottB_20 (DE1), Sedona_23 (DE1), Shivanishola_21 (DE1), Sitar_23 (DE1), StorminNorm_21 (DE1), Stultus_21 (DE1), Tangent_19 (DE1), Tangerine_21 (DE1), Thing3_22 (DE1), Tycho_21 (DE1), Vivi2_21 (DE1), YorkOnyx_22 (DE1),

Start 14:

- Found in 1 of 653 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 542
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Indlovu_13 (B11),

Start 15:

- Found in 58 of 653 (8.9%) of genes in pham
- Manual Annotations of this start: 48 of 542
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Abinghost_15 (B3), Akoma_15 (B3), Athena_16 (B3), Audrey_15 (B3), Baloo_15 (B3), Ben11_14 (B3), Bernardo_15 (B3), BirdsNest_18 (B13), Briakila_15 (B3), Casbah_14 (B3), ChaChing_15 (B3), Chalmers_15 (B3), Chandler_15 (B3), Chentzyk_14 (B3), Compostia_16 (B3), Corofin_15 (B3), Daisy_15 (B3), Deenasa_15 (B3), Devonte_15 (B3), Gadget_16 (B3), Gervas_15 (B3), GlenHope_16 (B3), Glubnar_15 (B3), Halfpint_14 (B3), HarveySr_15 (B3), Hashim76_18 (B13), Heathcliff_15 (B3), Jackstina_14 (B3), Kamiyu_15 (B3), Kronus_14 (B3), LestyG_15 (B3), Marley1013_15 (B3), Marlia_15 (B3), MmasiCarm_15 (B3), Mortcellus_14 (B3), Morty007_15 (B3), Neos5_15 (B3), Nozo_15 (B3), Obutu_15 (B3), Olivio_14 (B3), OrangeOswald_15 (B3), Phaedrus_14 (B3), Phayeta_15 (B3), Philly_14 (B3), Phlyer_15 (B3), Pipefish_15 (B3), RagingRooster_15 (B3), Rita1961_15 (B3), RomaT_15 (B3), Shenandoah_15 (B3), SlippinJimmy_15 (B3), SwainyDoc_15 (B3), SynergyX_15 (B3), TinyTerror_15 (B3), Tydolla_15 (B3), Yahalom_15 (B3), Yinz_15 (B3), Zenteno07_18 (B13),

Start 16:

- Found in 1 of 653 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 542
- Called 100.0% of time when present
- Phage (with cluster) where this start called: RiverRaider_22 (DE1),

Start 18:

- Found in 12 of 653 (1.8%) of genes in pham
- Manual Annotations of this start: 12 of 542
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Argie_11 (W), Cepens_10 (W), D12_10 (W), Dori_11 (AD), GodPhather_11 (W), Jeon_10 (W), Mao1_10 (AD), Mask_11 (AD), Megabear_10 (W), PR_10 (W), Sejanus_11 (AD), Taptic_10 (W),

Start 21:

- Found in 12 of 653 (1.8%) of genes in pham
- Manual Annotations of this start: 9 of 542
- Called 100.0% of time when present
- Phage (with cluster) where this start called: APunk_24 (DE4), Abblin_22 (DE4), Delrey21_22 (DE4), DoctorFroggo_22 (DE4), Natkenzie_22 (DE4), Sampson_22 (DE4), Scioto_22 (DE4), Tardus_23 (DE4), Verity_22 (DE4), ViaConlectus_23 (DE4), Zipp_22 (DE4), Zitch_24 (DE4),

Start 22:

- Found in 35 of 653 (5.4%) of genes in pham
- Manual Annotations of this start: 30 of 542
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Arri_23 (DC1), Bakery_21 (DC1), Barb_22 (DC1), CherryCola_24 (DC1), ClamChowder_22 (DC1), Clown_24 (DC2), CoveyB_23 (DC1), Danyall_22 (DC1), Egi03_22 (DC1), Evamon_20 (DC1), Fireball_21 (DC1), Fugax_22 (DC1), Gezellig_21 (DC1), Halo3_21 (DC1), Jambalaya_20 (DC1), KimmyK_22 (DC1), Lilbeanie_19 (DE5), Mutzi_22 (DC1), Nubi_20 (DC1), Phlop_20 (DC1), PinkCoffee_22 (DC1), Portcullis_20 (DC1), PullumCavea_20 (DC1), RogerDodger_23 (DC1), Salvador_20 (DC1),

Savbucketdawg_20 (DC1), Shinji_20 (DC1), SmokingBunny_20 (DC1), TillyBobJoe_20 (DC1), Togo_20 (DC1), Twister6_22 (DC1), Valary_23 (DC1), VanDeWege_23 (DC1), Wizard_20 (DC1), YungMoney_22 (DC1),

Start 32:

- Found in 1 of 653 (0.2%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: phiAsp2_15 (singleton),

Start 59:

- Found in 11 of 653 (1.7%) of genes in pham
- Manual Annotations of this start: 1 of 542
- Called 18.2% of time when present
- Phage (with cluster) where this start called: Ganandorf_27 (EC), PierreOrion_28 (EC),

Start 75:

- Found in 4 of 653 (0.6%) of genes in pham
- Manual Annotations of this start: 1 of 542
- Called 50.0% of time when present
- Phage (with cluster) where this start called: EarickHC_28 (EC), PhedwardCullen_26 (EC),

Summary by clusters:

There are 33 clusters represented in this pham: GD1, singleton, GD3, GD4, DE, GD2, FC, B12, B13, B10, B11, DR, AD, AI, EC, W, CP, DC2, DC1, DE1, DE2, DE3, DE4, DE5, B4, B5, B6, B7, B1, B2, B3, B8, B9,

Info for manual annotations of cluster AD:

- Start number 18 was manually annotated 4 times for cluster AD.

Info for manual annotations of cluster AI:

- Start number 11 was manually annotated 1 time for cluster AI.

Info for manual annotations of cluster B1:

- Start number 11 was manually annotated 267 times for cluster B1.

Info for manual annotations of cluster B10:

- Start number 11 was manually annotated 1 time for cluster B10.

Info for manual annotations of cluster B11:

- Start number 14 was manually annotated 1 time for cluster B11.

Info for manual annotations of cluster B12:

- Start number 11 was manually annotated 1 time for cluster B12.

Info for manual annotations of cluster B13:

- Start number 15 was manually annotated 3 times for cluster B13.

Info for manual annotations of cluster B2:

- Start number 9 was manually annotated 34 times for cluster B2.

Info for manual annotations of cluster B3:

- Start number 15 was manually annotated 45 times for cluster B3.

Info for manual annotations of cluster B4:

- Start number 11 was manually annotated 25 times for cluster B4.

Info for manual annotations of cluster B5:

- Start number 11 was manually annotated 9 times for cluster B5.

Info for manual annotations of cluster B6:

- Start number 11 was manually annotated 1 time for cluster B6.

Info for manual annotations of cluster B7:

- Start number 8 was manually annotated 1 time for cluster B7.

Info for manual annotations of cluster B8:

- Start number 11 was manually annotated 1 time for cluster B8.

Info for manual annotations of cluster B9:

- Start number 5 was manually annotated 2 times for cluster B9.
- Start number 7 was manually annotated 1 time for cluster B9.
- Start number 11 was manually annotated 3 times for cluster B9.

Info for manual annotations of cluster CP:

- Start number 11 was manually annotated 3 times for cluster CP.

Info for manual annotations of cluster DC1:

- Start number 22 was manually annotated 28 times for cluster DC1.

Info for manual annotations of cluster DC2:

- Start number 22 was manually annotated 1 time for cluster DC2.

Info for manual annotations of cluster DE1:

- Start number 13 was manually annotated 44 times for cluster DE1.
- Start number 16 was manually annotated 1 time for cluster DE1.

Info for manual annotations of cluster DE2:

- Start number 10 was manually annotated 8 times for cluster DE2.

Info for manual annotations of cluster DE3:

- Start number 10 was manually annotated 7 times for cluster DE3.

Info for manual annotations of cluster DE4:

- Start number 21 was manually annotated 9 times for cluster DE4.

Info for manual annotations of cluster DE5:

- Start number 22 was manually annotated 1 time for cluster DE5.

Info for manual annotations of cluster DR:

- Start number 2 was manually annotated 1 time for cluster DR.
- Start number 11 was manually annotated 18 times for cluster DR.

Info for manual annotations of cluster EC:

- Start number 59 was manually annotated 1 time for cluster EC.
- Start number 75 was manually annotated 1 time for cluster EC.

Info for manual annotations of cluster FC:

- Start number 11 was manually annotated 4 times for cluster FC.

Info for manual annotations of cluster GD1:

- Start number 11 was manually annotated 2 times for cluster GD1.

Info for manual annotations of cluster GD2:

- Start number 11 was manually annotated 2 times for cluster GD2.

Info for manual annotations of cluster GD3:

- Start number 11 was manually annotated 1 time for cluster GD3.

Info for manual annotations of cluster GD4:

- Start number 11 was manually annotated 1 time for cluster GD4.

Info for manual annotations of cluster W:

- Start number 18 was manually annotated 8 times for cluster W.

Gene Information:

Gene: 39HC_011 Start: 11832, Stop: 12599, Start Num: 11

Candidate Starts for 39HC_011:

(Start: 11 @11832 has 341 MA's), (23, 11853), (85, 12093), (101, 12168), (121, 12249), (166, 12408), (170, 12426), (197, 12504), (204, 12534),

Gene: 40BC_011 Start: 11832, Stop: 12599, Start Num: 11

Candidate Starts for 40BC_011:

(Start: 11 @11832 has 341 MA's), (23, 11853), (85, 12093), (101, 12168), (121, 12249), (166, 12408), (170, 12426), (197, 12504), (204, 12534),

Gene: A3Wally_89 Start: 46992, Stop: 47873, Start Num: 11

Candidate Starts for A3Wally_89:

(Start: 11 @46992 has 341 MA's), (38, 47055), (43, 47067), (88, 47304), (116, 47442), (122, 47457), (140, 47535), (169, 47637), (196, 47760), (199, 47775),

Gene: ABU_13 Start: 11600, Stop: 12397, Start Num: 11

Candidate Starts for ABU_13:

(Start: 11 @11600 has 341 MA's), (23, 11621), (28, 11633), (33, 11645), (87, 11876), (96, 11924), (111, 11996), (125, 12041), (131, 12065), (144, 12116), (164, 12170), (175, 12227), (188, 12266),

Gene: APunk_24 Start: 18327, Stop: 19151, Start Num: 21

Candidate Starts for APunk_24:

(17, 18318), (Start: 21 @18327 has 9 MA's), (44, 18399), (61, 18465), (87, 18582), (99, 18639), (112, 18711), (118, 18732), (139, 18813), (142, 18834), (157, 18864), (162, 18885), (167, 18912), (183, 18993), (186, 18999), (193, 19020), (200, 19065), (204, 19077), (210, 19101),

Gene: Abblin_22 Start: 17540, Stop: 18364, Start Num: 21

Candidate Starts for Abblin_22:

(Start: 21 @17540 has 9 MA's), (44, 17612), (61, 17678), (77, 17753), (87, 17795), (99, 17852), (112, 17924), (118, 17945), (123, 17966), (139, 18026), (142, 18047), (152, 18068), (157, 18077), (162, 18098), (167, 18125), (177, 18182), (183, 18206), (186, 18212), (193, 18233), (204, 18290), (210, 18314),

Gene: Abinghost_15 Start: 13140, Stop: 13949, Start Num: 15

Candidate Starts for Abinghost_15:

(Start: 15 @13140 has 48 MA's), (40, 13203), (55, 13266), (76, 13362), (85, 13410), (87, 13416), (96, 13464), (111, 13536), (119, 13566), (127, 13587), (141, 13647), (149, 13668), (166, 13734), (207, 13875), (208, 13878),

Gene: AbsoluteMadLad_12 Start: 11598, Stop: 12401, Start Num: 11

Candidate Starts for AbsoluteMadLad_12:

(Start: 11 @11598 has 341 MA's), (23, 11619), (28, 11631), (33, 11643), (71, 11805), (87, 11874), (96, 11922), (111, 11994), (125, 12039), (131, 12063), (144, 12114), (164, 12168), (175, 12225), (188, 12264),

Gene: Acadian_14 Start: 13349, Stop: 14155, Start Num: 11

Candidate Starts for Acadian_14:

(Start: 11 @13349 has 341 MA's), (24, 13364), (35, 13391), (49, 13439), (103, 13724), (111, 13766), (115, 13784), (122, 13802), (129, 13829), (133, 13841), (150, 13901), (166, 13958), (170, 13976), (175, 14000), (189, 14042), (202, 14078),

Gene: Adriana_13 Start: 11602, Stop: 12399, Start Num: 11

Candidate Starts for Adriana_13:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: Aelin_12 Start: 11149, Stop: 11952, Start Num: 11

Candidate Starts for Aelin_12:

(Start: 11 @11149 has 341 MA's), (23, 11170), (28, 11182), (33, 11194), (71, 11356), (87, 11425), (96, 11473), (111, 11545), (125, 11590), (131, 11614), (144, 11665), (164, 11719), (175, 11776), (188, 11815),

Gene: Affeca_21 Start: 17356, Stop: 18186, Start Num: 13

Candidate Starts for Affeca_21:

(Start: 13 @17356 has 44 MA's), (20, 17365), (53, 17470), (74, 17560), (87, 17614), (92, 17638), (105, 17701), (112, 17749), (157, 17905), (167, 17953), (177, 18010), (183, 18034), (186, 18040), (201, 18109), (205, 18121), (209, 18139), (211, 18154),

Gene: Ahwei_12 Start: 12252, Stop: 13046, Start Num: 11

Candidate Starts for Ahwei_12:

(Start: 11 @12252 has 341 MA's), (23, 12273), (26, 12282), (45, 12339), (55, 12384), (85, 12522), (96, 12576), (101, 12597), (106, 12618), (108, 12624), (127, 12711), (138, 12753), (166, 12849), (170, 12867), (175, 12891), (189, 12933), (204, 12975), (215, 13023),

Gene: Ailee_21 Start: 17270, Stop: 18100, Start Num: 13

Candidate Starts for Ailee_21:

(Start: 13 @17270 has 44 MA's), (20, 17279), (53, 17384), (63, 17432), (74, 17474), (81, 17498), (92, 17552), (105, 17615), (112, 17663), (120, 17690), (157, 17819), (167, 17867), (177, 17924), (183,

17948), (186, 17954), (201, 18023), (205, 18035), (209, 18053), (211, 18068),

Gene: Akoma_15 Start: 13140, Stop: 13949, Start Num: 15

Candidate Starts for Akoma_15:

(Start: 15 @13140 has 48 MA's), (40, 13203), (55, 13266), (76, 13362), (85, 13410), (87, 13416), (96, 13464), (111, 13536), (119, 13566), (127, 13587), (141, 13647), (149, 13668), (166, 13734), (207, 13875), (208, 13878),

Gene: AksarBAT_12 Start: 11596, Stop: 12369, Start Num: 11

Candidate Starts for AksarBAT_12:

(Start: 11 @11596 has 341 MA's), (28, 11626), (47, 11683), (55, 11728), (67, 11782), (127, 12034), (166, 12178), (202, 12298), (208, 12322),

Gene: AlanGrant_14 Start: 14119, Stop: 14907, Start Num: 11

Candidate Starts for AlanGrant_14:

(Start: 11 @14119 has 341 MA's), (26, 14140), (28, 14143), (33, 14155), (86, 14386), (87, 14389), (101, 14458), (106, 14479), (111, 14509), (133, 14593), (144, 14641), (175, 14752), (189, 14794), (204, 14836), (215, 14884),

Gene: Ali17_20 Start: 16677, Stop: 17507, Start Num: 10

Candidate Starts for Ali17_20:

(Start: 10 @16677 has 15 MA's), (12, 16683), (25, 16710), (27, 16716), (44, 16770), (87, 16941), (89, 16953), (105, 17028), (112, 17076), (139, 17178), (159, 17232), (165, 17262), (167, 17277), (177, 17334), (205, 17445),

Gene: Allegro_16 Start: 14535, Stop: 15353, Start Num: 9

Candidate Starts for Allegro_16:

(Start: 9 @14535 has 34 MA's), (55, 14679), (72, 14760), (84, 14814), (85, 14820), (97, 14880), (107, 14919), (112, 14958), (127, 14997), (154, 15093), (166, 15141), (175, 15183), (187, 15219), (208, 15285),

Gene: AltPhacts_13 Start: 11603, Stop: 12406, Start Num: 11

Candidate Starts for AltPhacts_13:

(Start: 11 @11603 has 341 MA's), (23, 11624), (28, 11636), (33, 11648), (71, 11810), (87, 11879), (96, 11927), (111, 11999), (125, 12044), (131, 12068), (144, 12119), (164, 12173), (175, 12230), (188, 12269),

Gene: Altwerkus_12 Start: 11309, Stop: 12112, Start Num: 11

Candidate Starts for Altwerkus_12:

(Start: 11 @11309 has 341 MA's), (23, 11330), (28, 11342), (33, 11354), (71, 11516), (87, 11585), (96, 11633), (111, 11705), (125, 11750), (131, 11774), (144, 11825), (164, 11879), (175, 11936), (188, 11975),

Gene: Amo99_46 Start: 25052, Stop: 25819, Start Num: 11

Candidate Starts for Amo99_46:

(Start: 11 @25052 has 341 MA's), (39, 25118), (50, 25154), (91, 25325), (92, 25328), (121, 25466), (124, 25478), (133, 25508), (139, 25532), (178, 25688), (179, 25694), (198, 25733), (207, 25772), (213, 25799),

Gene: AnClar_12 Start: 12460, Stop: 13242, Start Num: 11

Candidate Starts for AnClar_12:

(Start: 11 @12460 has 341 MA's), (28, 12499), (46, 12553), (97, 12793), (103, 12817), (129, 12919), (170, 13072), (178, 13111), (208, 13198),

Gene: AnarQue_14 Start: 13126, Stop: 13899, Start Num: 11

Candidate Starts for AnarQue_14:

(Start: 11 @13126 has 341 MA's), (55, 13258), (108, 13489), (124, 13555), (127, 13564), (166, 13708), (204, 13834), (207, 13849),

Gene: Anderson_13 Start: 11605, Stop: 12402, Start Num: 11

Candidate Starts for Anderson_13:

(Start: 11 @11605 has 341 MA's), (23, 11626), (28, 11638), (33, 11650), (71, 11812), (87, 11881), (96, 11929), (111, 12001), (125, 12046), (131, 12070), (144, 12121), (164, 12175), (175, 12232), (188, 12271),

Gene: Andre_13 Start: 11603, Stop: 12400, Start Num: 11

Candidate Starts for Andre_13:

(Start: 11 @11603 has 341 MA's), (23, 11624), (28, 11636), (33, 11648), (87, 11879), (96, 11927), (111, 11999), (125, 12044), (131, 12068), (144, 12119), (164, 12173), (175, 12230), (188, 12269),

Gene: AngelCake_12 Start: 11599, Stop: 12396, Start Num: 11

Candidate Starts for AngelCake_12:

(Start: 11 @11599 has 341 MA's), (23, 11620), (28, 11632), (33, 11644), (87, 11875), (96, 11923), (111, 11995), (125, 12040), (131, 12064), (144, 12115), (164, 12169), (175, 12226), (188, 12265),

Gene: Angelicage_21 Start: 17779, Stop: 18609, Start Num: 13

Candidate Starts for Angelicage_21:

(Start: 13 @17779 has 44 MA's), (20, 17788), (53, 17893), (74, 17983), (87, 18037), (92, 18061), (105, 18124), (112, 18172), (157, 18328), (167, 18376), (177, 18433), (183, 18457), (186, 18463), (201, 18532), (205, 18544), (209, 18562), (211, 18577),

Gene: Antihero_12 Start: 12252, Stop: 13046, Start Num: 11

Candidate Starts for Antihero_12:

(Start: 11 @12252 has 341 MA's), (23, 12273), (26, 12282), (45, 12339), (55, 12384), (85, 12522), (96, 12576), (101, 12597), (106, 12618), (108, 12624), (127, 12711), (138, 12753), (166, 12849), (170, 12867), (175, 12891), (189, 12933), (204, 12975), (215, 13023),

Gene: Antonia_12 Start: 11149, Stop: 11952, Start Num: 11

Candidate Starts for Antonia_12:

(Start: 11 @11149 has 341 MA's), (23, 11170), (28, 11182), (33, 11194), (71, 11356), (87, 11425), (96, 11473), (111, 11545), (125, 11590), (131, 11614), (144, 11665), (164, 11719), (175, 11776), (188, 11815),

Gene: Apex_13 Start: 13527, Stop: 14321, Start Num: 11

Candidate Starts for Apex_13:

(Start: 11 @13527 has 341 MA's), (23, 13548), (55, 13659), (85, 13797), (96, 13851), (101, 13872), (106, 13893), (108, 13899), (127, 13986), (138, 14028), (166, 14124), (167, 14127), (175, 14166), (189, 14208), (204, 14250), (215, 14298),

Gene: Apizium_12 Start: 11307, Stop: 12110, Start Num: 11

Candidate Starts for Apizium_12:

(Start: 11 @11307 has 341 MA's), (23, 11328), (28, 11340), (33, 11352), (71, 11514), (87, 11583), (96, 11631), (111, 11703), (125, 11748), (131, 11772), (144, 11823), (164, 11877), (175, 11934), (188, 11973),

Gene: Arbiter_16 Start: 14622, Stop: 15440, Start Num: 9

Candidate Starts for Arbiter_16:

(Start: 9 @14622 has 34 MA's), (55, 14766), (72, 14847), (84, 14901), (85, 14907), (97, 14967), (107, 15006), (112, 15045), (127, 15084), (154, 15180), (166, 15228), (175, 15270), (187, 15306), (208, 15372),

Gene: Ares_16 Start: 14535, Stop: 15353, Start Num: 9

Candidate Starts for Ares_16:

(Start: 9 @14535 has 34 MA's), (55, 14679), (72, 14760), (84, 14814), (85, 14820), (97, 14880), (107, 14919), (112, 14958), (127, 14997), (154, 15093), (166, 15141), (175, 15183), (187, 15219), (208, 15285),

Gene: Argie_11 Start: 12991, Stop: 13767, Start Num: 18

Candidate Starts for Argie_11:

(Start: 18 @12991 has 12 MA's), (28, 13012), (30, 13015), (36, 13033), (46, 13066), (56, 13120), (58, 13126), (66, 13159), (96, 13306), (102, 13330), (103, 13336), (124, 13420), (148, 13504), (160, 13546), (187, 13651), (191, 13657), (208, 13717),

Gene: Arri_23 Start: 14513, Stop: 15325, Start Num: 22

Candidate Starts for Arri_23:

(Start: 22 @14513 has 30 MA's), (48, 14594), (84, 14744), (112, 14891), (122, 14927), (156, 15041), (217, 15311),

Gene: Ashertheman_22 Start: 16864, Stop: 17691, Start Num: 13

Candidate Starts for Ashertheman_22:

(3, 16819), (4, 16825), (Start: 13 @16864 has 44 MA's), (20, 16873), (53, 16975), (74, 17065), (81, 17089), (105, 17206), (112, 17254), (125, 17305), (157, 17410), (161, 17428), (167, 17458), (171, 17479), (177, 17515), (186, 17545), (205, 17626), (209, 17644), (211, 17659),

Gene: Ashraf_12 Start: 11149, Stop: 11946, Start Num: 11

Candidate Starts for Ashraf_12:

(Start: 11 @11149 has 341 MA's), (23, 11170), (28, 11182), (33, 11194), (87, 11425), (96, 11473), (111, 11545), (125, 11590), (131, 11614), (144, 11665), (164, 11719), (175, 11776), (188, 11815),

Gene: Athena_16 Start: 13903, Stop: 14712, Start Num: 15

Candidate Starts for Athena_16:

(Start: 15 @13903 has 48 MA's), (40, 13966), (55, 14029), (76, 14125), (85, 14173), (87, 14179), (96, 14227), (111, 14299), (119, 14329), (127, 14350), (141, 14410), (149, 14431), (166, 14497), (207, 14638), (208, 14641),

Gene: Atuin_77 Start: 48877, Stop: 49749, Start Num: 11

Candidate Starts for Atuin_77:

(Start: 11 @48877 has 341 MA's), (33, 48922), (120, 49339), (176, 49564),

Gene: Audrey_15 Start: 13140, Stop: 13949, Start Num: 15

Candidate Starts for Audrey_15:

(Start: 15 @13140 has 48 MA's), (40, 13203), (55, 13266), (76, 13362), (85, 13410), (87, 13416), (96, 13464), (111, 13536), (119, 13566), (127, 13587), (141, 13647), (149, 13668), (166, 13734), (207, 13875), (208, 13878),

Gene: Austelle_14 Start: 13980, Stop: 14774, Start Num: 11

Candidate Starts for Austelle_14:

(Start: 11 @13980 has 341 MA's), (23, 14001), (28, 14013), (55, 14112), (85, 14250), (96, 14304), (101, 14325), (106, 14346), (108, 14352), (111, 14376), (127, 14439), (138, 14481), (166, 14577),

(175, 14619), (189, 14661), (204, 14703), (215, 14751),

Gene: Axumite_12 Start: 11636, Stop: 12418, Start Num: 11

Candidate Starts for Axumite_12:

(Start: 11 @11636 has 341 MA's), (19, 11648), (46, 11726), (175, 12272), (178, 12287), (187, 12308), (202, 12350), (204, 12356), (212, 12395),

Gene: Baddon_21 Start: 17711, Stop: 18538, Start Num: 13

Candidate Starts for Baddon_21:

(Start: 13 @17711 has 44 MA's), (20, 17720), (53, 17822), (74, 17912), (81, 17936), (105, 18053), (112, 18101), (125, 18152), (139, 18206), (157, 18257), (161, 18275), (167, 18305), (171, 18326), (177, 18362), (186, 18392), (205, 18473), (206, 18476), (209, 18491), (211, 18506),

Gene: Badfish_13 Start: 11602, Stop: 12405, Start Num: 11

Candidate Starts for Badfish_13:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: Bae_14 Start: 13351, Stop: 14157, Start Num: 11

Candidate Starts for Bae_14:

(Start: 11 @13351 has 341 MA's), (24, 13366), (35, 13393), (42, 13417), (49, 13441), (86, 13645), (87, 13648), (103, 13726), (110, 13756), (111, 13768), (129, 13831), (133, 13843), (166, 13960), (175, 14002), (189, 14044), (202, 14080),

Gene: Bakery_21 Start: 13726, Stop: 14538, Start Num: 22

Candidate Starts for Bakery_21:

(Start: 22 @13726 has 30 MA's), (48, 13807), (84, 13957), (110, 14077), (112, 14104), (156, 14254), (183, 14386), (217, 14524),

Gene: Baloo_15 Start: 13140, Stop: 13949, Start Num: 15

Candidate Starts for Baloo_15:

(Start: 15 @13140 has 48 MA's), (40, 13203), (55, 13266), (76, 13362), (85, 13410), (87, 13416), (96, 13464), (111, 13536), (119, 13566), (127, 13587), (141, 13647), (149, 13668), (166, 13734), (207, 13875), (208, 13878),

Gene: Bananafish_16 Start: 14532, Stop: 15350, Start Num: 9

Candidate Starts for Bananafish_16:

(Start: 9 @14532 has 34 MA's), (55, 14676), (72, 14757), (84, 14811), (85, 14817), (97, 14877), (107, 14916), (112, 14955), (127, 14994), (154, 15090), (166, 15138), (175, 15180), (187, 15216), (208, 15282),

Gene: Banjo_12 Start: 11310, Stop: 12107, Start Num: 11

Candidate Starts for Banjo_12:

(Start: 11 @11310 has 341 MA's), (23, 11331), (28, 11343), (33, 11355), (71, 11517), (87, 11586), (96, 11634), (111, 11706), (125, 11751), (131, 11775), (144, 11826), (164, 11880), (175, 11937), (188, 11976),

Gene: Barb_22 Start: 14500, Stop: 15312, Start Num: 22

Candidate Starts for Barb_22:

(Start: 22 @14500 has 30 MA's), (48, 14581), (84, 14731), (112, 14878), (122, 14914), (156, 15028), (217, 15298),

Gene: Barsten_22 Start: 17286, Stop: 18116, Start Num: 13

Candidate Starts for Barsten_22:

(Start: 13 @17286 has 44 MA's), (20, 17295), (53, 17400), (74, 17490), (81, 17514), (87, 17544), (92, 17568), (105, 17631), (112, 17679), (120, 17706), (157, 17835), (167, 17883), (177, 17940), (183, 17964), (186, 17970), (201, 18039), (205, 18051), (209, 18069), (211, 18084),

Gene: Basato_14 Start: 11836, Stop: 12639, Start Num: 11

Candidate Starts for Basato_14:

(Start: 11 @11836 has 341 MA's), (23, 11857), (28, 11869), (33, 11881), (71, 12043), (87, 12112), (96, 12160), (111, 12232), (125, 12277), (131, 12301), (144, 12352), (164, 12406), (175, 12463), (188, 12502),

Gene: BatteryCK_12 Start: 11155, Stop: 11952, Start Num: 11

Candidate Starts for BatteryCK_12:

(Start: 11 @11155 has 341 MA's), (23, 11176), (28, 11188), (33, 11200), (87, 11431), (96, 11479), (111, 11551), (125, 11596), (131, 11620), (144, 11671), (164, 11725), (175, 11782), (188, 11821),

Gene: Baumdotcom_21 Start: 16480, Stop: 17307, Start Num: 13

Candidate Starts for Baumdotcom_21:

(Start: 13 @16480 has 44 MA's), (20, 16489), (53, 16591), (74, 16681), (105, 16822), (112, 16870), (125, 16921), (139, 16975), (157, 17026), (161, 17044), (167, 17074), (171, 17095), (177, 17131), (186, 17161), (205, 17242), (209, 17260), (211, 17275),

Gene: Beaglebox_12 Start: 11309, Stop: 12112, Start Num: 11

Candidate Starts for Beaglebox_12:

(Start: 11 @11309 has 341 MA's), (23, 11330), (28, 11342), (33, 11354), (71, 11516), (87, 11585), (96, 11633), (111, 11705), (125, 11750), (131, 11774), (144, 11825), (164, 11879), (175, 11936), (188, 11975),

Gene: Belphegor_19 Start: 15791, Stop: 16621, Start Num: 10

Candidate Starts for Belphegor_19:

(Start: 10 @15791 has 15 MA's), (12, 15797), (27, 15830), (44, 15884), (87, 16055), (89, 16067), (112, 16190), (142, 16313), (167, 16391), (177, 16448), (205, 16559),

Gene: Ben11_14 Start: 12964, Stop: 13773, Start Num: 15

Candidate Starts for Ben11_14:

(Start: 15 @12964 has 48 MA's), (40, 13027), (55, 13090), (76, 13186), (85, 13234), (87, 13240), (96, 13288), (111, 13360), (119, 13390), (127, 13411), (141, 13471), (149, 13492), (166, 13558), (207, 13699), (208, 13702),

Gene: Bernardo_15 Start: 13139, Stop: 13948, Start Num: 15

Candidate Starts for Bernardo_15:

(Start: 15 @13139 has 48 MA's), (40, 13202), (55, 13265), (76, 13361), (85, 13409), (87, 13415), (96, 13463), (111, 13535), (119, 13565), (127, 13586), (141, 13646), (149, 13667), (166, 13733), (207, 13874), (208, 13877),

Gene: Bibwit_22 Start: 17521, Stop: 18351, Start Num: 13

Candidate Starts for Bibwit_22:

(Start: 13 @17521 has 44 MA's), (20, 17530), (53, 17635), (74, 17725), (81, 17749), (87, 17779), (92, 17803), (105, 17866), (112, 17914), (120, 17941), (157, 18070), (167, 18118), (177, 18175), (183, 18199), (186, 18205), (201, 18274), (205, 18286), (209, 18304), (211, 18319),

Gene: Big4_78 Start: 45834, Stop: 46709, Start Num: 11

Candidate Starts for Big4_78:

(Start: 11 @45834 has 341 MA's), (38, 45897), (43, 45909), (140, 46371),

Gene: BiggityBass_11 Start: 11443, Stop: 12225, Start Num: 11

Candidate Starts for BiggityBass_11:

(Start: 11 @11443 has 341 MA's), (28, 11482), (46, 11536), (58, 11599), (97, 11776), (103, 11800), (170, 12055), (178, 12094), (208, 12181),

Gene: BirdsNest_18 Start: 12456, Stop: 13232, Start Num: 15

Candidate Starts for BirdsNest_18:

(Start: 15 @12456 has 48 MA's), (23, 12468), (31, 12483), (55, 12576), (86, 12720), (96, 12771), (114, 12861), (127, 12912), (166, 13041), (189, 13125), (204, 13167), (215, 13215),

Gene: Bishoperium_12 Start: 11310, Stop: 12107, Start Num: 11

Candidate Starts for Bishoperium_12:

(Start: 11 @11310 has 341 MA's), (23, 11331), (28, 11343), (33, 11355), (71, 11517), (87, 11586), (96, 11634), (111, 11706), (125, 11751), (131, 11775), (144, 11826), (164, 11880), (175, 11937), (188, 11976),

Gene: Bizzy_22 Start: 16765, Stop: 17592, Start Num: 13

Candidate Starts for Bizzy_22:

(Start: 13 @16765 has 44 MA's), (20, 16774), (53, 16876), (74, 16966), (105, 17107), (112, 17155), (125, 17206), (139, 17260), (157, 17311), (161, 17329), (167, 17359), (171, 17380), (177, 17416), (186, 17446), (190, 17461), (205, 17527), (209, 17545), (211, 17560),

Gene: BlackStallion_13 Start: 11600, Stop: 12403, Start Num: 11

Candidate Starts for BlackStallion_13:

(Start: 11 @11600 has 341 MA's), (23, 11621), (28, 11633), (33, 11645), (71, 11807), (87, 11876), (96, 11924), (111, 11996), (125, 12041), (131, 12065), (144, 12116), (164, 12170), (175, 12227), (188, 12266),

Gene: Blocker23_16 Start: 14652, Stop: 15470, Start Num: 9

Candidate Starts for Blocker23_16:

(Start: 9 @14652 has 34 MA's), (55, 14796), (72, 14877), (84, 14931), (85, 14937), (97, 14997), (107, 15036), (112, 15075), (127, 15114), (154, 15210), (166, 15258), (175, 15300), (187, 15336), (208, 15402),

Gene: Bloom_86 Start: 50280, Stop: 51149, Start Num: 11

Candidate Starts for Bloom_86:

(Start: 11 @50280 has 341 MA's), (60, 50445), (176, 50964), (181, 50982),

Gene: BlueHusk_13 Start: 11599, Stop: 12402, Start Num: 11

Candidate Starts for BlueHusk_13:

(Start: 11 @11599 has 341 MA's), (23, 11620), (28, 11632), (33, 11644), (71, 11806), (87, 11875), (96, 11923), (111, 11995), (125, 12040), (131, 12064), (144, 12115), (164, 12169), (175, 12226), (188, 12265),

Gene: Bluephacebaby_12 Start: 11310, Stop: 12107, Start Num: 11

Candidate Starts for Bluephacebaby_12:

(Start: 11 @11310 has 341 MA's), (23, 11331), (28, 11343), (33, 11355), (71, 11517), (87, 11586), (96, 11634), (111, 11706), (125, 11751), (131, 11775), (144, 11826), (164, 11880), (175, 11937), (188, 11976),

Gene: BobBob_19 Start: 16143, Stop: 16973, Start Num: 13

Candidate Starts for BobBob_19:

(Start: 13 @16143 has 44 MA's), (20, 16152), (53, 16257), (74, 16347), (87, 16401), (92, 16425), (105, 16488), (112, 16536), (120, 16563), (124, 16584), (127, 16593), (157, 16692), (167, 16740), (177, 16797), (183, 16821), (186, 16827), (201, 16896), (205, 16908), (209, 16926), (211, 16941),

Gene: BobRoss2024_11 Start: 11473, Stop: 12249, Start Num: 11

Candidate Starts for BobRoss2024_11:

(Start: 11 @11473 has 341 MA's), (28, 11512), (44, 11563), (56, 11617), (166, 12061), (187, 12139), (212, 12226),

Gene: BobbyK_13 Start: 13343, Stop: 14137, Start Num: 11

Candidate Starts for BobbyK_13:

(Start: 11 @13343 has 341 MA's), (23, 13364), (28, 13376), (55, 13475), (85, 13613), (96, 13667), (101, 13688), (106, 13709), (108, 13715), (127, 13802), (138, 13844), (166, 13940), (175, 13982), (189, 14024), (204, 14066), (215, 14114),

Gene: Boehler_13 Start: 11602, Stop: 12405, Start Num: 11

Candidate Starts for Boehler_13:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: Boyle_16 Start: 14653, Stop: 15471, Start Num: 9

Candidate Starts for Boyle_16:

(Start: 9 @14653 has 34 MA's), (55, 14797), (72, 14878), (84, 14932), (85, 14938), (97, 14998), (107, 15037), (112, 15076), (127, 15115), (154, 15211), (166, 15259), (175, 15301), (187, 15337), (208, 15403),

Gene: Brandonk123_23 Start: 16835, Stop: 17665, Start Num: 13

Candidate Starts for Brandonk123_23:

(Start: 13 @16835 has 44 MA's), (20, 16844), (53, 16949), (74, 17039), (81, 17063), (92, 17117), (105, 17180), (112, 17228), (120, 17255), (127, 17285), (157, 17384), (167, 17432), (177, 17489), (186, 17519), (201, 17588), (205, 17600), (209, 17618), (211, 17633),

Gene: Briakila_15 Start: 13905, Stop: 14714, Start Num: 15

Candidate Starts for Briakila_15:

(Start: 15 @13905 has 48 MA's), (40, 13968), (55, 14031), (76, 14127), (85, 14175), (87, 14181), (96, 14229), (111, 14301), (119, 14331), (122, 14334), (127, 14352), (141, 14412), (149, 14433), (166, 14499), (207, 14640), (208, 14643),

Gene: Brilliant_13 Start: 11308, Stop: 12105, Start Num: 11

Candidate Starts for Brilliant_13:

(Start: 11 @11308 has 341 MA's), (23, 11329), (28, 11341), (33, 11353), (71, 11515), (87, 11584), (96, 11632), (111, 11704), (125, 11749), (131, 11773), (144, 11824), (164, 11878), (175, 11935), (188, 11974),

Gene: BrownCNA_14 Start: 13597, Stop: 14391, Start Num: 11

Candidate Starts for BrownCNA_14:

(Start: 11 @13597 has 341 MA's), (23, 13618), (28, 13630), (55, 13729), (85, 13867), (96, 13921), (101, 13942), (106, 13963), (108, 13969), (111, 13993), (127, 14056), (138, 14098), (166, 14194), (175, 14236), (189, 14278), (204, 14320), (215, 14368),

Gene: Brownie5_16 Start: 14652, Stop: 15470, Start Num: 9

Candidate Starts for Brownie5_16:

(Start: 9 @14652 has 34 MA's), (55, 14796), (72, 14877), (84, 14931), (85, 14937), (97, 14997), (107, 15036), (112, 15075), (127, 15114), (154, 15210), (166, 15258), (175, 15300), (187, 15336), (208, 15402),

Gene: Buckeye_13 Start: 11604, Stop: 12407, Start Num: 11

Candidate Starts for Buckeye_13:

(Start: 11 @11604 has 341 MA's), (23, 11625), (28, 11637), (33, 11649), (71, 11811), (87, 11880), (96, 11928), (111, 12000), (125, 12045), (131, 12069), (144, 12120), (164, 12174), (175, 12231), (188, 12270),

Gene: Burr_12 Start: 11310, Stop: 12107, Start Num: 11

Candidate Starts for Burr_12:

(Start: 11 @11310 has 341 MA's), (23, 11331), (28, 11343), (33, 11355), (71, 11517), (87, 11586), (96, 11634), (111, 11706), (125, 11751), (131, 11775), (144, 11826), (164, 11880), (175, 11937), (188, 11976),

Gene: CRB2_16 Start: 14223, Stop: 15020, Start Num: 5

Candidate Starts for CRB2_16:

(Start: 5 @14223 has 2 MA's), (23, 14262), (28, 14274), (73, 14457), (82, 14493), (85, 14505), (103, 14589), (166, 14829), (173, 14865), (175, 14871), (204, 14955), (212, 14994), (215, 15003),

Gene: CaiB_14 Start: 13114, Stop: 13887, Start Num: 11

Candidate Starts for CaiB_14:

(Start: 11 @13114 has 341 MA's), (55, 13246), (108, 13477), (124, 13543), (127, 13552), (166, 13696), (204, 13822), (207, 13837),

Gene: Calamitous_16 Start: 14532, Stop: 15350, Start Num: 9

Candidate Starts for Calamitous_16:

(Start: 9 @14532 has 34 MA's), (55, 14676), (72, 14757), (84, 14811), (85, 14817), (97, 14877), (107, 14916), (112, 14955), (127, 14994), (154, 15090), (166, 15138), (175, 15180), (187, 15216), (208, 15282),

Gene: CamL_13 Start: 11602, Stop: 12399, Start Num: 11

Candidate Starts for CamL_13:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: CampRoach_13 Start: 11599, Stop: 12396, Start Num: 11

Candidate Starts for CampRoach_13:

(Start: 11 @11599 has 341 MA's), (23, 11620), (28, 11632), (33, 11644), (71, 11806), (87, 11875), (96, 11923), (111, 11995), (125, 12040), (131, 12064), (144, 12115), (164, 12169), (175, 12226), (188, 12265),

Gene: Cannibal_13 Start: 11605, Stop: 12402, Start Num: 11

Candidate Starts for Cannibal_13:

(Start: 11 @11605 has 341 MA's), (23, 11626), (28, 11638), (33, 11650), (71, 11812), (87, 11881), (96, 11929), (111, 12001), (125, 12046), (131, 12070), (144, 12121), (164, 12175), (175, 12232), (188, 12271),

Gene: Carthage_12 Start: 11277, Stop: 12080, Start Num: 11

Candidate Starts for Carthage_12:

(Start: 11 @11277 has 341 MA's), (23, 11298), (28, 11310), (33, 11322), (71, 11484), (87, 11553), (96, 11601), (111, 11673), (125, 11718), (131, 11742), (144, 11793), (164, 11847), (175, 11904), (188, 11943),

Gene: Casbah_14 Start: 12992, Stop: 13801, Start Num: 15

Candidate Starts for Casbah_14:

(Start: 15 @12992 has 48 MA's), (40, 13055), (55, 13118), (76, 13214), (85, 13262), (87, 13268), (96, 13316), (111, 13388), (119, 13418), (127, 13439), (141, 13499), (149, 13520), (166, 13586), (207, 13727), (208, 13730),

Gene: Caspiboi_14 Start: 11309, Stop: 12106, Start Num: 11

Candidate Starts for Caspiboi_14:

(Start: 11 @11309 has 341 MA's), (23, 11330), (28, 11342), (33, 11354), (87, 11585), (96, 11633), (111, 11705), (125, 11750), (131, 11774), (144, 11825), (164, 11879), (175, 11936), (188, 11975),

Gene: Causa_20 Start: 15477, Stop: 16358, Start Num: 11

Candidate Starts for Causa_20:

(Start: 11 @15477 has 341 MA's), (19, 15489), (86, 15765), (90, 15783), (124, 15930), (151, 16029), (153, 16035), (164, 16074), (166, 16089), (170, 16107), (173, 16125), (215, 16290),

Gene: Cece_72 Start: 41904, Stop: 42782, Start Num: 11

Candidate Starts for Cece_72:

(Start: 11 @41904 has 341 MA's), (38, 41967), (43, 41979), (140, 42444), (142, 42456), (182, 42624),

Gene: Cepens_10 Start: 12730, Stop: 13506, Start Num: 18

Candidate Starts for Cepens_10:

(Start: 18 @12730 has 12 MA's), (28, 12751), (30, 12754), (36, 12772), (46, 12805), (56, 12859), (58, 12865), (66, 12898), (96, 13045), (102, 13069), (103, 13075), (124, 13159), (148, 13243), (160, 13285), (187, 13390), (191, 13396), (208, 13456),

Gene: ChaChing_15 Start: 13155, Stop: 13964, Start Num: 15

Candidate Starts for ChaChing_15:

(Start: 15 @13155 has 48 MA's), (40, 13218), (55, 13281), (76, 13377), (85, 13425), (87, 13431), (96, 13479), (111, 13551), (119, 13581), (127, 13602), (141, 13662), (149, 13683), (166, 13749), (207, 13890), (208, 13893),

Gene: ChadMasterC_21 Start: 17242, Stop: 18072, Start Num: 13

Candidate Starts for ChadMasterC_21:

(Start: 13 @17242 has 44 MA's), (20, 17251), (53, 17356), (74, 17446), (87, 17500), (92, 17524), (105, 17587), (112, 17635), (120, 17662), (157, 17791), (167, 17839), (177, 17896), (183, 17920), (186, 17926), (201, 17995), (205, 18007), (209, 18025), (211, 18040),

Gene: Chaelin_12 Start: 11263, Stop: 12066, Start Num: 11

Candidate Starts for Chaelin_12:

(Start: 11 @11263 has 341 MA's), (23, 11284), (28, 11296), (33, 11308), (71, 11470), (87, 11539), (96, 11587), (111, 11659), (125, 11704), (131, 11728), (144, 11779), (164, 11833), (175, 11890), (188, 11929),

Gene: Chah_13 Start: 11603, Stop: 12406, Start Num: 11

Candidate Starts for Chah_13:

(Start: 11 @11603 has 341 MA's), (23, 11624), (28, 11636), (33, 11648), (71, 11810), (87, 11879), (96, 11927), (111, 11999), (125, 12044), (131, 12068), (144, 12119), (164, 12173), (175, 12230), (188,

12269),

Gene: Chalmers_15 Start: 13948, Stop: 14757, Start Num: 15

Candidate Starts for Chalmers_15:

(Start: 15 @13948 has 48 MA's), (40, 14011), (55, 14074), (76, 14170), (85, 14218), (87, 14224), (96, 14272), (111, 14344), (119, 14374), (127, 14395), (141, 14455), (149, 14476), (166, 14542), (207, 14683), (208, 14686),

Gene: Chandler_15 Start: 13914, Stop: 14723, Start Num: 15

Candidate Starts for Chandler_15:

(Start: 15 @13914 has 48 MA's), (40, 13977), (55, 14040), (76, 14136), (85, 14184), (87, 14190), (96, 14238), (111, 14310), (119, 14340), (122, 14343), (127, 14361), (141, 14421), (149, 14442), (166, 14508), (207, 14649), (208, 14652),

Gene: Charles1_13 Start: 11602, Stop: 12399, Start Num: 11

Candidate Starts for Charles1_13:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: CharlieGBrown_12 Start: 11173, Stop: 11970, Start Num: 11

Candidate Starts for CharlieGBrown_12:

(Start: 11 @11173 has 341 MA's), (23, 11194), (28, 11206), (33, 11218), (87, 11449), (96, 11497), (111, 11569), (125, 11614), (131, 11638), (144, 11689), (164, 11743), (175, 11800), (188, 11839),

Gene: CharlottesWeb_12 Start: 11678, Stop: 12469, Start Num: 11

Candidate Starts for CharlottesWeb_12:

(Start: 11 @11678 has 341 MA's), (28, 11714), (46, 11768), (58, 11834), (90, 11972), (127, 12128), (166, 12272), (187, 12350), (207, 12413),

Gene: Charming_19 Start: 16145, Stop: 16975, Start Num: 13

Candidate Starts for Charming_19:

(Start: 13 @16145 has 44 MA's), (20, 16154), (53, 16259), (74, 16349), (87, 16403), (92, 16427), (105, 16490), (112, 16538), (120, 16565), (124, 16586), (127, 16595), (157, 16694), (167, 16742), (177, 16799), (183, 16823), (186, 16829), (201, 16898), (205, 16910), (209, 16928), (211, 16943),

Gene: CheetO_13 Start: 11602, Stop: 12405, Start Num: 11

Candidate Starts for CheetO_13:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: Chentzyk_14 Start: 13010, Stop: 13819, Start Num: 15

Candidate Starts for Chentzyk_14:

(Start: 15 @13010 has 48 MA's), (40, 13073), (55, 13136), (76, 13232), (85, 13280), (87, 13286), (96, 13334), (111, 13406), (119, 13436), (127, 13457), (141, 13517), (149, 13538), (166, 13604), (207, 13745), (208, 13748),

Gene: Cher_12 Start: 11309, Stop: 12112, Start Num: 11

Candidate Starts for Cher_12:

(Start: 11 @11309 has 341 MA's), (23, 11330), (28, 11342), (33, 11354), (71, 11516), (87, 11585), (96, 11633), (111, 11705), (125, 11750), (131, 11774), (144, 11825), (164, 11879), (175, 11936), (188, 11975),

Gene: CherryCola_24 Start: 14709, Stop: 15521, Start Num: 22

Candidate Starts for CherryCola_24:

(Start: 22 @14709 has 30 MA's), (48, 14790), (84, 14940), (112, 15087), (122, 15123), (156, 15237), (217, 15507),

Gene: Chickadee_21 Start: 15725, Stop: 16555, Start Num: 10

Candidate Starts for Chickadee_21:

(Start: 10 @15725 has 15 MA's), (Start: 59 @15881 has 1 MA's), (62, 15893), (83, 15971), (100, 16055), (110, 16097), (112, 16124), (139, 16226), (157, 16277), (183, 16406), (186, 16412), (193, 16433), (205, 16493), (208, 16508),

Gene: Childish_12 Start: 11309, Stop: 12112, Start Num: 11

Candidate Starts for Childish_12:

(Start: 11 @11309 has 341 MA's), (23, 11330), (28, 11342), (33, 11354), (71, 11516), (87, 11585), (96, 11633), (111, 11705), (125, 11750), (131, 11774), (144, 11825), (164, 11879), (175, 11936), (188, 11975),

Gene: Chilliams_79 Start: 52107, Stop: 52976, Start Num: 11

Candidate Starts for Chilliams_79:

(Start: 11 @52107 has 341 MA's), (113, 52545), (163, 52722), (176, 52791), (181, 52809),

Gene: Chipette_14 Start: 11837, Stop: 12640, Start Num: 11

Candidate Starts for Chipette_14:

(Start: 11 @11837 has 341 MA's), (23, 11858), (28, 11870), (33, 11882), (71, 12044), (87, 12113), (96, 12161), (111, 12233), (125, 12278), (131, 12302), (144, 12353), (164, 12407), (175, 12464), (188, 12503),

Gene: Chorkpop_13 Start: 11309, Stop: 12112, Start Num: 11

Candidate Starts for Chorkpop_13:

(Start: 11 @11309 has 341 MA's), (23, 11330), (28, 11342), (33, 11354), (71, 11516), (87, 11585), (96, 11633), (111, 11705), (125, 11750), (131, 11774), (144, 11825), (164, 11879), (175, 11936), (188, 11975),

Gene: ChrisnMich_12 Start: 12252, Stop: 13046, Start Num: 11

Candidate Starts for ChrisnMich_12:

(Start: 11 @12252 has 341 MA's), (23, 12273), (26, 12282), (45, 12339), (55, 12384), (85, 12522), (96, 12576), (101, 12597), (106, 12618), (108, 12624), (138, 12753), (166, 12849), (170, 12867), (175, 12891), (204, 12975), (215, 13023),

Gene: Chunky_13 Start: 11602, Stop: 12405, Start Num: 11

Candidate Starts for Chunky_13:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: Chute_12 Start: 11617, Stop: 12414, Start Num: 11

Candidate Starts for Chute_12:

(Start: 11 @11617 has 341 MA's), (23, 11638), (28, 11650), (33, 11662), (87, 11893), (96, 11941), (111, 12013), (125, 12058), (131, 12082), (144, 12133), (164, 12187), (175, 12244), (188, 12283),

Gene: ClamChowder_22 Start: 14500, Stop: 15312, Start Num: 22

Candidate Starts for ClamChowder_22:

(Start: 22 @14500 has 30 MA's), (48, 14581), (84, 14731), (112, 14878), (122, 14914), (156, 15028), (217, 15298),

Gene: Clawz_45 Start: 24999, Stop: 25766, Start Num: 11

Candidate Starts for Clawz_45:

(Start: 11 @24999 has 341 MA's), (50, 25101), (55, 25131), (64, 25161), (121, 25413), (130, 25449), (178, 25635),

Gene: CloverMinnie_14 Start: 13114, Stop: 13887, Start Num: 11

Candidate Starts for CloverMinnie_14:

(Start: 11 @13114 has 341 MA's), (55, 13246), (104, 13465), (108, 13477), (124, 13543), (127, 13552), (166, 13696), (204, 13822), (207, 13837),

Gene: Clown_24 Start: 16474, Stop: 17325, Start Num: 22

Candidate Starts for Clown_24:

(Start: 22 @16474 has 30 MA's), (31, 16492), (37, 16516), (48, 16549), (63, 16621), (78, 16684), (96, 16771), (106, 16813), (112, 16858), (142, 16984), (158, 17014), (164, 17044), (183, 17143), (194, 17170), (211, 17248), (217, 17266),

Gene: Cobra_13 Start: 11599, Stop: 12402, Start Num: 11

Candidate Starts for Cobra_13:

(Start: 11 @11599 has 341 MA's), (23, 11620), (28, 11632), (33, 11644), (71, 11806), (87, 11875), (96, 11923), (111, 11995), (125, 12040), (131, 12064), (144, 12115), (164, 12169), (175, 12226), (188, 12265),

Gene: Coffee_16 Start: 14649, Stop: 15467, Start Num: 9

Candidate Starts for Coffee_16:

(Start: 9 @14649 has 34 MA's), (55, 14793), (84, 14928), (85, 14934), (97, 14994), (107, 15033), (112, 15072), (127, 15111), (154, 15207), (166, 15255), (175, 15297), (187, 15333), (208, 15399),

Gene: Colbert_13 Start: 11599, Stop: 12402, Start Num: 11

Candidate Starts for Colbert_13:

(Start: 11 @11599 has 341 MA's), (23, 11620), (28, 11632), (33, 11644), (71, 11806), (87, 11875), (96, 11923), (111, 11995), (125, 12040), (131, 12064), (144, 12115), (164, 12169), (175, 12226), (188, 12265),

Gene: ColdSoup_46 Start: 25052, Stop: 25819, Start Num: 11

Candidate Starts for ColdSoup_46:

(Start: 11 @25052 has 341 MA's), (39, 25118), (50, 25154), (91, 25325), (92, 25328), (121, 25466), (124, 25478), (133, 25508), (139, 25532), (178, 25688), (179, 25694), (198, 25733), (207, 25772), (213, 25799),

Gene: Coldpizza_13 Start: 13595, Stop: 14395, Start Num: 11

Candidate Starts for Coldpizza_13:

(Start: 11 @13595 has 341 MA's), (98, 13931), (127, 14042), (175, 14228), (189, 14270), (204, 14312),

Gene: Coletti_12 Start: 11617, Stop: 12414, Start Num: 11

Candidate Starts for Coletti_12:

(Start: 11 @11617 has 341 MA's), (23, 11638), (28, 11650), (33, 11662), (87, 11893), (96, 11941), (111, 12013), (125, 12058), (131, 12082), (144, 12133), (164, 12187), (175, 12244), (188, 12283),

Gene: Compostia_16 Start: 13573, Stop: 14382, Start Num: 15

Candidate Starts for Compostia_16:

(Start: 15 @13573 has 48 MA's), (40, 13636), (55, 13699), (76, 13795), (85, 13843), (87, 13849), (96, 13897), (111, 13969), (119, 13999), (122, 14002), (127, 14020), (141, 14080), (149, 14101), (166, 14167), (207, 14308), (208, 14311),

Gene: Cooper_13 Start: 12350, Stop: 13141, Start Num: 11

Candidate Starts for Cooper_13:

(Start: 11 @12350 has 341 MA's), (23, 12362), (26, 12371), (45, 12428), (55, 12473), (70, 12551), (85, 12611), (96, 12665), (101, 12686), (106, 12707), (108, 12713), (138, 12842), (144, 12869), (164, 12929), (166, 12944), (170, 12962), (175, 12986), (189, 13028), (215, 13118),

Gene: Cornbread_13 Start: 11306, Stop: 12109, Start Num: 11

Candidate Starts for Cornbread_13:

(Start: 11 @11306 has 341 MA's), (23, 11327), (28, 11339), (33, 11351), (71, 11513), (87, 11582), (96, 11630), (111, 11702), (125, 11747), (131, 11771), (144, 11822), (164, 11876), (175, 11933), (188, 11972),

Gene: Cornobble_12 Start: 11150, Stop: 11953, Start Num: 11

Candidate Starts for Cornobble_12:

(Start: 11 @11150 has 341 MA's), (23, 11171), (28, 11183), (33, 11195), (71, 11357), (87, 11426), (96, 11474), (111, 11546), (125, 11591), (131, 11615), (144, 11666), (164, 11720), (175, 11777), (188, 11816),

Gene: Corofin_15 Start: 13165, Stop: 13974, Start Num: 15

Candidate Starts for Corofin_15:

(Start: 15 @13165 has 48 MA's), (40, 13228), (55, 13291), (76, 13387), (85, 13435), (87, 13441), (96, 13489), (111, 13561), (119, 13591), (122, 13594), (127, 13612), (141, 13672), (149, 13693), (166, 13759), (207, 13900), (208, 13903),

Gene: Cosmolli16_12 Start: 11307, Stop: 12110, Start Num: 11

Candidate Starts for Cosmolli16_12:

(Start: 11 @11307 has 341 MA's), (23, 11328), (28, 11340), (33, 11352), (71, 11514), (87, 11583), (96, 11631), (111, 11703), (125, 11748), (131, 11772), (144, 11823), (164, 11877), (175, 11934), (188, 11973),

Gene: CoveyB_23 Start: 14345, Stop: 15157, Start Num: 22

Candidate Starts for CoveyB_23:

(Start: 22 @14345 has 30 MA's), (48, 14426), (84, 14576), (112, 14723), (122, 14759), (156, 14873), (217, 15143),

Gene: Craff_13 Start: 11602, Stop: 12405, Start Num: 11

Candidate Starts for Craff_13:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: Crownjwl_13 Start: 11387, Stop: 12190, Start Num: 11

Candidate Starts for Crownjwl_13:

(Start: 11 @11387 has 341 MA's), (23, 11408), (28, 11420), (33, 11432), (71, 11594), (87, 11663), (96, 11711), (111, 11783), (125, 11828), (131, 11852), (144, 11903), (164, 11957), (175, 12014), (188, 12053),

Gene: D12_10 Start: 12708, Stop: 13484, Start Num: 18

Candidate Starts for D12_10:

(Start: 18 @12708 has 12 MA's), (28, 12729), (30, 12732), (36, 12750), (46, 12783), (56, 12837), (58, 12843), (66, 12876), (96, 13023), (102, 13047), (103, 13053), (124, 13137), (148, 13221), (160, 13263), (187, 13368), (191, 13374), (208, 13434),

Gene: DaddyDaniels_13 Start: 11305, Stop: 12108, Start Num: 11

Candidate Starts for DaddyDaniels_13:

(Start: 11 @11305 has 341 MA's), (23, 11326), (28, 11338), (33, 11350), (71, 11512), (87, 11581), (96, 11629), (111, 11701), (125, 11746), (131, 11770), (144, 11821), (164, 11875), (175, 11932), (188, 11971),

Gene: Daffy_13 Start: 11309, Stop: 12112, Start Num: 11

Candidate Starts for Daffy_13:

(Start: 11 @11309 has 341 MA's), (23, 11330), (28, 11342), (33, 11354), (71, 11516), (87, 11585), (96, 11633), (111, 11705), (125, 11750), (131, 11774), (144, 11825), (164, 11879), (175, 11936), (188, 11975),

Gene: Daisy_15 Start: 13161, Stop: 13970, Start Num: 15

Candidate Starts for Daisy_15:

(Start: 15 @13161 has 48 MA's), (40, 13224), (55, 13287), (76, 13383), (85, 13431), (87, 13437), (96, 13485), (111, 13557), (119, 13587), (122, 13590), (127, 13608), (141, 13668), (149, 13689), (166, 13755), (207, 13896), (208, 13899),

Gene: Daka_13 Start: 11605, Stop: 12402, Start Num: 11

Candidate Starts for Daka_13:

(Start: 11 @11605 has 341 MA's), (23, 11626), (28, 11638), (33, 11650), (71, 11812), (87, 11881), (96, 11929), (111, 12001), (125, 12046), (131, 12070), (144, 12121), (164, 12175), (175, 12232), (188, 12271),

Gene: Danyall_22 Start: 14345, Stop: 15157, Start Num: 22

Candidate Starts for Danyall_22:

(Start: 22 @14345 has 30 MA's), (48, 14426), (84, 14576), (112, 14723), (122, 14759), (156, 14873), (217, 15143),

Gene: Dati_13 Start: 11303, Stop: 12106, Start Num: 11

Candidate Starts for Dati_13:

(Start: 11 @11303 has 341 MA's), (23, 11324), (28, 11336), (33, 11348), (71, 11510), (87, 11579), (96, 11627), (111, 11699), (125, 11744), (131, 11768), (144, 11819), (164, 11873), (175, 11930), (188, 11969),

Gene: Deenasa_15 Start: 13903, Stop: 14712, Start Num: 15

Candidate Starts for Deenasa_15:

(Start: 15 @13903 has 48 MA's), (40, 13966), (55, 14029), (76, 14125), (85, 14173), (87, 14179), (96, 14227), (111, 14299), (119, 14329), (127, 14350), (141, 14410), (149, 14431), (166, 14497), (207, 14638), (208, 14641),

Gene: DelRivs_12 Start: 11308, Stop: 12111, Start Num: 11

Candidate Starts for DelRivs_12:

(Start: 11 @11308 has 341 MA's), (23, 11329), (28, 11341), (33, 11353), (71, 11515), (87, 11584), (96, 11632), (111, 11704), (125, 11749), (131, 11773), (144, 11824), (164, 11878), (175, 11935), (188, 11974),

Gene: Delrey21_22 Start: 17000, Stop: 17824, Start Num: 21

Candidate Starts for Delrey21_22:

(Start: 21 @17000 has 9 MA's), (44, 17072), (87, 17255), (95, 17282), (99, 17312), (112, 17384), (118, 17405), (139, 17486), (157, 17537), (162, 17558), (167, 17585), (177, 17642), (183, 17666), (186, 17672), (190, 17687), (193, 17693), (210, 17774), (211, 17786),

Gene: Derg_17 Start: 16357, Stop: 17184, Start Num: 13

Candidate Starts for Derg_17:

(Start: 13 @16357 has 44 MA's), (20, 16366), (53, 16468), (74, 16558), (81, 16582), (105, 16699), (112, 16747), (125, 16798), (139, 16852), (157, 16903), (161, 16921), (167, 16951), (171, 16972), (177, 17008), (186, 17038), (190, 17053), (205, 17119), (209, 17137), (211, 17152), (217, 17170),

Gene: Derpp_12 Start: 11161, Stop: 11958, Start Num: 11

Candidate Starts for Derpp_12:

(Start: 11 @11161 has 341 MA's), (23, 11182), (28, 11194), (33, 11206), (87, 11437), (96, 11485), (111, 11557), (125, 11602), (131, 11626), (144, 11677), (164, 11731), (175, 11788), (188, 11827),

Gene: Devonte_15 Start: 13140, Stop: 13949, Start Num: 15

Candidate Starts for Devonte_15:

(Start: 15 @13140 has 48 MA's), (40, 13203), (55, 13266), (76, 13362), (85, 13410), (87, 13416), (96, 13464), (111, 13536), (119, 13566), (127, 13587), (141, 13647), (149, 13668), (166, 13734), (207, 13875), (208, 13878),

Gene: Dxdert_22 Start: 16169, Stop: 16999, Start Num: 10

Candidate Starts for Dxdert_22:

(Start: 10 @16169 has 15 MA's), (Start: 59 @16325 has 1 MA's), (62, 16337), (100, 16499), (110, 16541), (112, 16568), (139, 16670), (157, 16721), (183, 16850), (186, 16856), (193, 16877), (205, 16937), (208, 16952),

Gene: Dice_12 Start: 11308, Stop: 12105, Start Num: 11

Candidate Starts for Dice_12:

(Start: 11 @11308 has 341 MA's), (23, 11329), (28, 11341), (33, 11353), (71, 11515), (87, 11584), (96, 11632), (111, 11704), (125, 11749), (131, 11773), (144, 11824), (164, 11878), (175, 11935), (188, 11974),

Gene: DigitDog_14 Start: 13334, Stop: 14140, Start Num: 11

Candidate Starts for DigitDog_14:

(Start: 11 @13334 has 341 MA's), (49, 13424), (86, 13628), (103, 13709), (111, 13751), (129, 13814), (133, 13826), (150, 13886), (166, 13943), (175, 13985), (202, 14063), (215, 14117),

Gene: Dingo_13 Start: 11599, Stop: 12402, Start Num: 11

Candidate Starts for Dingo_13:

(Start: 11 @11599 has 341 MA's), (23, 11620), (28, 11632), (33, 11644), (71, 11806), (87, 11875), (96, 11923), (111, 11995), (125, 12040), (131, 12064), (144, 12115), (164, 12169), (175, 12226), (188, 12265),

Gene: Dione_12 Start: 11309, Stop: 12106, Start Num: 11

Candidate Starts for Dione_12:

(Start: 11 @11309 has 341 MA's), (23, 11330), (28, 11342), (33, 11354), (71, 11516), (87, 11585), (96, 11633), (111, 11705), (125, 11750), (131, 11774), (144, 11825), (164, 11879), (175, 11936), (188, 11975),

Gene: DirtJuice_13 Start: 11602, Stop: 12405, Start Num: 11

Candidate Starts for DirtJuice_13:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: DoctorFroggo_22 Start: 17000, Stop: 17824, Start Num: 21

Candidate Starts for DoctorFroggo_22:

(Start: 21 @17000 has 9 MA's), (44, 17072), (87, 17255), (95, 17282), (99, 17312), (112, 17384), (118, 17405), (139, 17486), (157, 17537), (162, 17558), (167, 17585), (177, 17642), (183, 17666), (186, 17672), (190, 17687), (193, 17693), (210, 17774), (211, 17786),

Gene: Doddsville_13 Start: 11303, Stop: 12106, Start Num: 11

Candidate Starts for Doddsville_13:

(Start: 11 @11303 has 341 MA's), (23, 11324), (28, 11336), (33, 11348), (71, 11510), (87, 11579), (96, 11627), (111, 11699), (125, 11744), (131, 11768), (144, 11819), (164, 11873), (175, 11930), (188, 11969),

Gene: Dodo_89 Start: 47314, Stop: 48195, Start Num: 11

Candidate Starts for Dodo_89:

(Start: 11 @47314 has 341 MA's), (38, 47377), (43, 47389), (88, 47626), (116, 47764), (122, 47779), (140, 47857), (169, 47959), (199, 48097),

Gene: DoesntMatter_13 Start: 11602, Stop: 12399, Start Num: 11

Candidate Starts for DoesntMatter_13:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: DonSanchon_12 Start: 11309, Stop: 12112, Start Num: 11

Candidate Starts for DonSanchon_12:

(Start: 11 @11309 has 341 MA's), (23, 11330), (28, 11342), (33, 11354), (71, 11516), (87, 11585), (96, 11633), (111, 11705), (125, 11750), (131, 11774), (144, 11825), (164, 11879), (175, 11936), (188, 11975),

Gene: DonTron_45 Start: 25122, Stop: 25889, Start Num: 11

Candidate Starts for DonTron_45:

(Start: 11 @25122 has 341 MA's), (39, 25188), (50, 25224), (91, 25395), (92, 25398), (124, 25548), (139, 25602), (178, 25758), (179, 25764), (207, 25842), (213, 25869),

Gene: Donny_14 Start: 13351, Stop: 14157, Start Num: 11

Candidate Starts for Donny_14:

(Start: 11 @13351 has 341 MA's), (24, 13366), (35, 13393), (49, 13441), (103, 13726), (111, 13768), (115, 13786), (122, 13804), (129, 13831), (133, 13843), (150, 13903), (166, 13960), (170, 13978), (175, 14002), (189, 14044), (202, 14080),

Gene: Dori_11 Start: 10375, Stop: 11223, Start Num: 18

Candidate Starts for Dori_11:

(Start: 18 @10375 has 12 MA's), (24, 10390), (55, 10501), (58, 10513), (66, 10546), (87, 10648), (96, 10696), (108, 10744), (111, 10768), (124, 10810), (131, 10837), (152, 10912), (156, 10918), (164, 10948), (166, 10963), (170, 10981), (189, 11047), (197, 11059), (202, 11083), (207, 11104), (215, 11137),

Gene: DuchessDung_12 Start: 11155, Stop: 11952, Start Num: 11

Candidate Starts for DuchessDung_12:

(Start: 11 @11155 has 341 MA's), (23, 11176), (28, 11188), (33, 11200), (87, 11431), (96, 11479), (111, 11551), (125, 11596), (131, 11620), (144, 11671), (164, 11725), (175, 11782), (188, 11821),

Gene: Duggie_12 Start: 11305, Stop: 12108, Start Num: 11

Candidate Starts for Duggie_12:

(Start: 11 @11305 has 341 MA's), (23, 11326), (28, 11338), (33, 11350), (71, 11512), (87, 11581), (96, 11629), (111, 11701), (125, 11746), (131, 11770), (144, 11821), (164, 11875), (175, 11932), (188, 11971),

Gene: DunneganBoMo_76 Start: 45738, Stop: 46607, Start Num: 11

Candidate Starts for DunneganBoMo_76:

(Start: 11 @45738 has 341 MA's), (33, 45783), (43, 45819), (93, 46071), (120, 46200), (142, 46290), (176, 46422),

Gene: Durga_13 Start: 11616, Stop: 12413, Start Num: 11

Candidate Starts for Durga_13:

(Start: 11 @11616 has 341 MA's), (23, 11637), (28, 11649), (33, 11661), (71, 11823), (87, 11892), (96, 11940), (111, 12012), (125, 12057), (131, 12081), (144, 12132), (164, 12186), (175, 12243), (188, 12282),

Gene: EMoore_17 Start: 15039, Stop: 15869, Start Num: 10

Candidate Starts for EMoore_17:

(Start: 10 @15039 has 15 MA's), (12, 15045), (25, 15072), (27, 15078), (44, 15132), (87, 15303), (89, 15315), (105, 15390), (112, 15438), (125, 15486), (139, 15540), (159, 15594), (167, 15639), (177, 15696), (205, 15807),

Gene: Eaglehorse_16 Start: 14556, Stop: 15374, Start Num: 9

Candidate Starts for Eaglehorse_16:

(Start: 9 @14556 has 34 MA's), (55, 14700), (72, 14781), (84, 14835), (85, 14841), (97, 14901), (107, 14940), (112, 14979), (127, 15018), (154, 15114), (166, 15162), (175, 15204), (187, 15240), (208, 15306),

Gene: EarickHC_28 Start: 15751, Stop: 16398, Start Num: 75

Candidate Starts for EarickHC_28:

(29, 15568), (Start: 59 @15679 has 1 MA's), (Start: 75 @15751 has 1 MA's), (87, 15811), (112, 15961), (124, 16012), (128, 16027), (139, 16066), (140, 16075), (142, 16087), (201, 16309), (214, 16363),

Gene: EastView9101_14 Start: 13358, Stop: 14164, Start Num: 11

Candidate Starts for EastView9101_14:

(Start: 11 @13358 has 341 MA's), (24, 13373), (35, 13400), (49, 13448), (87, 13655), (96, 13703), (103, 13733), (111, 13775), (115, 13793), (122, 13811), (129, 13838), (133, 13850), (150, 13910), (166, 13967), (175, 14009), (202, 14087),

Gene: EdmundFerry_20 Start: 15753, Stop: 16583, Start Num: 10

Candidate Starts for EdmundFerry_20:

(Start: 10 @15753 has 15 MA's), (Start: 59 @15909 has 1 MA's), (62, 15921), (83, 15999), (100, 16083), (110, 16125), (112, 16152), (139, 16254), (142, 16275), (157, 16305), (183, 16434), (186, 16440), (193, 16461), (205, 16521),

Gene: Egi03_22 Start: 13961, Stop: 14773, Start Num: 22

Candidate Starts for Egi03_22:

(Start: 22 @13961 has 30 MA's), (48, 14042), (84, 14192), (112, 14339), (122, 14375), (156, 14489), (217, 14759),

Gene: Ellewin_74 Start: 45333, Stop: 46202, Start Num: 11

Candidate Starts for Ellewin_74:

(Start: 11 @45333 has 341 MA's), (33, 45378), (43, 45414), (93, 45666), (120, 45795), (142, 45885), (176, 46017),

Gene: ElvisPhasley_13 Start: 11603, Stop: 12406, Start Num: 11

Candidate Starts for ElvisPhasley_13:

(Start: 11 @11603 has 341 MA's), (23, 11624), (28, 11636), (33, 11648), (71, 11810), (87, 11879), (96, 11927), (111, 11999), (125, 12044), (131, 12068), (144, 12119), (164, 12173), (175, 12230), (188, 12269),

Gene: Emiris_13 Start: 11603, Stop: 12400, Start Num: 11

Candidate Starts for Emiris_13:

(Start: 11 @11603 has 341 MA's), (23, 11624), (28, 11636), (33, 11648), (71, 11810), (87, 11879), (96, 11927), (111, 11999), (125, 12044), (131, 12068), (144, 12119), (164, 12173), (175, 12230), (188, 12269),

Gene: EmpTee_13 Start: 11603, Stop: 12400, Start Num: 11

Candidate Starts for EmpTee_13:

(Start: 11 @11603 has 341 MA's), (23, 11624), (28, 11636), (33, 11648), (71, 11810), (87, 11879), (96, 11927), (111, 11999), (125, 12044), (131, 12068), (144, 12119), (164, 12173), (175, 12230), (188, 12269),

Gene: Epah_12 Start: 12252, Stop: 13046, Start Num: 11

Candidate Starts for Epah_12:

(Start: 11 @12252 has 341 MA's), (23, 12273), (26, 12282), (45, 12339), (55, 12384), (85, 12522), (96, 12576), (101, 12597), (106, 12618), (108, 12624), (127, 12711), (138, 12753), (166, 12849), (170, 12867), (175, 12891), (189, 12933), (204, 12975), (215, 13023),

Gene: Eremos_13 Start: 11596, Stop: 12399, Start Num: 11

Candidate Starts for Eremos_13:

(Start: 11 @11596 has 341 MA's), (23, 11617), (28, 11629), (33, 11641), (71, 11803), (87, 11872), (96, 11920), (111, 11992), (125, 12037), (131, 12061), (144, 12112), (164, 12166), (175, 12223), (188, 12262),

Gene: Etaye_13 Start: 11599, Stop: 12396, Start Num: 11

Candidate Starts for Etaye_13:

(Start: 11 @11599 has 341 MA's), (23, 11620), (28, 11632), (33, 11644), (71, 11806), (87, 11875), (96, 11923), (111, 11995), (125, 12040), (131, 12064), (144, 12115), (164, 12169), (175, 12226), (188, 12265),

Gene: Eugenia_13 Start: 11603, Stop: 12400, Start Num: 11

Candidate Starts for Eugenia_13:

(Start: 11 @11603 has 341 MA's), (23, 11624), (28, 11636), (33, 11648), (71, 11810), (87, 11879), (96, 11927), (111, 11999), (125, 12044), (131, 12068), (144, 12119), (164, 12173), (175, 12230), (188, 12269),

Gene: Evaa_13 Start: 12976, Stop: 13755, Start Num: 11

Candidate Starts for Evaa_13:

(Start: 11 @12976 has 341 MA's), (98, 13312), (127, 13420), (156, 13519), (166, 13564), (175, 13606), (189, 13648),

Gene: Evamon_20 Start: 13832, Stop: 14644, Start Num: 22

Candidate Starts for Evamon_20:

(Start: 22 @13832 has 30 MA's), (48, 13913), (84, 14063), (112, 14210), (122, 14246), (156, 14360), (217, 14630),

Gene: Fanaw_13 Start: 13346, Stop: 14140, Start Num: 11

Candidate Starts for Fanaw_13:

(Start: 11 @13346 has 341 MA's), (23, 13367), (55, 13478), (85, 13616), (101, 13691), (108, 13718), (111, 13742), (127, 13805), (138, 13847), (166, 13943), (167, 13946), (175, 13985), (189, 14027), (204, 14069), (215, 14117),

Gene: Fang_13 Start: 11606, Stop: 12403, Start Num: 11

Candidate Starts for Fang_13:

(Start: 11 @11606 has 341 MA's), (23, 11627), (28, 11639), (33, 11651), (71, 11813), (87, 11882), (96, 11930), (111, 12002), (125, 12047), (131, 12071), (144, 12122), (164, 12176), (175, 12233), (188, 12272),

Gene: Faze9_16 Start: 14649, Stop: 15467, Start Num: 9

Candidate Starts for Faze9_16:

(Start: 9 @14649 has 34 MA's), (55, 14793), (72, 14874), (84, 14928), (85, 14934), (97, 14994), (107, 15033), (112, 15072), (127, 15111), (154, 15207), (166, 15255), (175, 15297), (187, 15333), (208, 15399),

Gene: Fireball_21 Start: 13964, Stop: 14776, Start Num: 22

Candidate Starts for Fireball_21:

(Start: 22 @13964 has 30 MA's), (48, 14045), (84, 14195), (112, 14342), (122, 14378), (156, 14492), (217, 14762),

Gene: Fitzgerald_19 Start: 16571, Stop: 17401, Start Num: 13

Candidate Starts for Fitzgerald_19:

(Start: 13 @16571 has 44 MA's), (20, 16580), (53, 16685), (74, 16775), (87, 16829), (92, 16853), (105, 16916), (112, 16964), (157, 17120), (167, 17168), (177, 17225), (183, 17249), (186, 17255), (201, 17324), (205, 17336), (209, 17354), (211, 17369),

Gene: Flatwoods_22 Start: 16784, Stop: 17611, Start Num: 13

Candidate Starts for Flatwoods_22:

(Start: 13 @16784 has 44 MA's), (20, 16793), (53, 16895), (74, 16985), (81, 17009), (105, 17126), (112, 17174), (125, 17225), (139, 17279), (157, 17330), (161, 17348), (167, 17378), (171, 17399), (177, 17435), (186, 17465), (190, 17480), (205, 17546), (209, 17564), (211, 17579), (217, 17597),

Gene: FluffyNinja_13 Start: 11600, Stop: 12403, Start Num: 11

Candidate Starts for FluffyNinja_13:

(Start: 11 @11600 has 341 MA's), (23, 11621), (28, 11633), (33, 11645), (71, 11807), (87, 11876), (96, 11924), (111, 11996), (125, 12041), (131, 12065), (144, 12116), (164, 12170), (175, 12227), (188, 12266),

Gene: ForDig_12 Start: 11818, Stop: 12585, Start Num: 11

Candidate Starts for ForDig_12:

(Start: 11 @11818 has 341 MA's), (23, 11839), (101, 12154), (121, 12235), (127, 12256), (166, 12394), (170, 12412), (197, 12490), (204, 12520),

Gene: Fortunato_13 Start: 13340, Stop: 14134, Start Num: 11

Candidate Starts for Fortunato_13:

(Start: 11 @13340 has 341 MA's), (23, 13361), (55, 13472), (85, 13610), (96, 13664), (101, 13685), (106, 13706), (108, 13712), (127, 13799), (138, 13841), (166, 13937), (167, 13940), (175, 13979), (189, 14021), (204, 14063), (215, 14111),

Gene: Fosterous_19 Start: 17034, Stop: 17864, Start Num: 13

Candidate Starts for Fosterous_19:

(Start: 13 @17034 has 44 MA's), (20, 17043), (53, 17148), (63, 17196), (74, 17238), (81, 17262), (87, 17292), (92, 17316), (105, 17379), (112, 17427), (157, 17583), (167, 17631), (177, 17688), (183, 17712), (186, 17718), (201, 17787), (205, 17799), (209, 17817), (211, 17832),

Gene: Fozzie_12 Start: 11600, Stop: 12403, Start Num: 11

Candidate Starts for Fozzie_12:

(Start: 11 @11600 has 341 MA's), (23, 11621), (28, 11633), (33, 11645), (71, 11807), (87, 11876), (96, 11924), (111, 11996), (125, 12041), (131, 12065), (144, 12116), (164, 12170), (175, 12227), (188, 12266),

Gene: Frankicide_13 Start: 11604, Stop: 12407, Start Num: 11

Candidate Starts for Frankicide_13:

(Start: 11 @11604 has 341 MA's), (23, 11625), (28, 11637), (33, 11649), (71, 11811), (87, 11880), (96, 11928), (111, 12000), (125, 12045), (131, 12069), (144, 12120), (164, 12174), (175, 12231), (188, 12270),

Gene: Frederick_13 Start: 13346, Stop: 14140, Start Num: 11

Candidate Starts for Frederick_13:

(Start: 11 @13346 has 341 MA's), (23, 13367), (28, 13379), (55, 13478), (85, 13616), (96, 13670), (101, 13691), (106, 13712), (108, 13718), (127, 13805), (138, 13847), (166, 13943), (175, 13985), (189, 14027), (204, 14069), (215, 14117),

Gene: FrenchFry_16 Start: 14652, Stop: 15470, Start Num: 9

Candidate Starts for FrenchFry_16:

(Start: 9 @14652 has 34 MA's), (55, 14796), (56, 14802), (72, 14877), (84, 14931), (85, 14937), (97, 14997), (107, 15036), (112, 15075), (127, 15114), (154, 15210), (166, 15258), (175, 15300), (187, 15336), (208, 15402),

Gene: Fresco_12 Start: 11636, Stop: 12418, Start Num: 11

Candidate Starts for Fresco_12:

(Start: 11 @11636 has 341 MA's), (19, 11648), (46, 11726), (175, 12272), (178, 12287), (187, 12308), (202, 12350), (204, 12356), (212, 12395),

Gene: Freya_12 Start: 11310, Stop: 12107, Start Num: 11

Candidate Starts for Freya_12:

(Start: 11 @11310 has 341 MA's), (23, 11331), (28, 11343), (33, 11355), (71, 11517), (87, 11586), (96, 11634), (111, 11706), (125, 11751), (131, 11775), (144, 11826), (164, 11880), (175, 11937), (188, 11976),

Gene: FriarPreacher_13 Start: 11605, Stop: 12408, Start Num: 11

Candidate Starts for FriarPreacher_13:

(Start: 11 @11605 has 341 MA's), (23, 11626), (28, 11638), (33, 11650), (71, 11812), (87, 11881), (96, 11929), (111, 12001), (125, 12046), (131, 12070), (144, 12121), (164, 12175), (175, 12232), (188, 12271),

Gene: Fringe_13 Start: 11603, Stop: 12400, Start Num: 11

Candidate Starts for Fringe_13:

(Start: 11 @11603 has 341 MA's), (23, 11624), (28, 11636), (33, 11648), (71, 11810), (87, 11879), (96, 11927), (111, 11999), (125, 12044), (131, 12068), (144, 12119), (164, 12173), (175, 12230), (188, 12269),

Gene: FuegoCuervo_24 Start: 16323, Stop: 17153, Start Num: 13

Candidate Starts for FuegoCuervo_24:

(Start: 13 @16323 has 44 MA's), (20, 16332), (53, 16437), (74, 16527), (81, 16551), (87, 16581), (92, 16605), (105, 16668), (112, 16716), (120, 16743), (127, 16773), (157, 16872), (167, 16920), (177, 16977), (186, 17007), (201, 17076), (205, 17088), (209, 17106), (211, 17121),

Gene: FugateOSU_12 Start: 11309, Stop: 12112, Start Num: 11

Candidate Starts for FugateOSU_12:

(Start: 11 @11309 has 341 MA's), (23, 11330), (28, 11342), (33, 11354), (71, 11516), (87, 11585), (96, 11633), (111, 11705), (125, 11750), (131, 11774), (144, 11825), (164, 11879), (175, 11936), (188, 11975),

Gene: Fugax_22 Start: 14500, Stop: 15312, Start Num: 22

Candidate Starts for Fugax_22:

(Start: 22 @14500 has 30 MA's), (48, 14581), (84, 14731), (112, 14878), (122, 14914), (156, 15028), (217, 15298),

Gene: Funsized_18 Start: 15411, Stop: 16229, Start Num: 11

Candidate Starts for Funsized_18:

(Start: 11 @15411 has 341 MA's), (23, 15441), (28, 15453), (52, 15531), (87, 15699), (94, 15729), (109, 15804), (127, 15876), (137, 15915), (150, 15960), (152, 15966), (160, 15987), (162, 15993), (187, 16104), (207, 16167),

Gene: GTE6_21 Start: 16242, Stop: 17072, Start Num: 10

Candidate Starts for GTE6_21:

(Start: 10 @16242 has 15 MA's), (Start: 59 @16398 has 1 MA's), (62, 16410), (83, 16488), (100, 16572), (110, 16614), (112, 16641), (139, 16743), (157, 16794), (183, 16923), (186, 16929), (193, 16950), (205, 17010), (208, 17025), (211, 17043),

Gene: Gadjet_16 Start: 13144, Stop: 13953, Start Num: 15

Candidate Starts for Gadjet_16:

(Start: 15 @13144 has 48 MA's), (40, 13207), (55, 13270), (76, 13366), (85, 13414), (87, 13420), (96, 13468), (111, 13540), (119, 13570), (127, 13591), (141, 13651), (149, 13672), (166, 13738), (207, 13879), (208, 13882),

Gene: Gaea_21 Start: 16472, Stop: 17299, Start Num: 13

Candidate Starts for Gaea_21:

(Start: 13 @16472 has 44 MA's), (20, 16481), (53, 16583), (74, 16673), (105, 16814), (112, 16862), (125, 16913), (139, 16967), (157, 17018), (161, 17036), (167, 17066), (171, 17087), (177, 17123), (186, 17153), (205, 17234), (209, 17252), (211, 17267),

Gene: Galadriel_23 Start: 16884, Stop: 17714, Start Num: 13

Candidate Starts for Galadriel_23:

(Start: 13 @16884 has 44 MA's), (20, 16893), (53, 16998), (74, 17088), (87, 17142), (92, 17166), (105, 17229), (112, 17277), (120, 17304), (127, 17334), (157, 17433), (167, 17481), (177, 17538), (183, 17562), (186, 17568), (201, 17637), (205, 17649), (209, 17667), (211, 17682),

Gene: Ganandorf_27 Start: 15815, Stop: 16534, Start Num: 59

Candidate Starts for Ganandorf_27:

(29, 15704), (Start: 59 @15815 has 1 MA's), (Start: 75 @15887 has 1 MA's), (87, 15947), (112, 16097), (120, 16124), (124, 16148), (128, 16163), (139, 16202), (140, 16211), (142, 16223), (201, 16445), (214, 16499),

Gene: Gareth_12 Start: 11306, Stop: 12103, Start Num: 11

Candidate Starts for Gareth_12:

(Start: 11 @11306 has 341 MA's), (23, 11327), (28, 11339), (33, 11351), (71, 11513), (87, 11582), (96, 11630), (111, 11702), (125, 11747), (131, 11771), (144, 11822), (164, 11876), (175, 11933), (188, 11972),

Gene: GeneCoco_13 Start: 11608, Stop: 12405, Start Num: 11

Candidate Starts for GeneCoco_13:

(Start: 11 @11608 has 341 MA's), (23, 11629), (28, 11641), (33, 11653), (71, 11815), (87, 11884), (96, 11932), (111, 12004), (125, 12049), (131, 12073), (144, 12124), (164, 12178), (175, 12235), (188, 12274),

Gene: Geodirt_20 Start: 17101, Stop: 17931, Start Num: 13

Candidate Starts for Geodirt_20:

(Start: 13 @17101 has 44 MA's), (20, 17110), (53, 17215), (74, 17305), (81, 17329), (87, 17359), (92, 17383), (105, 17446), (112, 17494), (120, 17521), (157, 17650), (167, 17698), (177, 17755), (186, 17785), (201, 17854), (205, 17866), (209, 17884), (211, 17899),

Gene: Gervas_15 Start: 13123, Stop: 13932, Start Num: 15

Candidate Starts for Gervas_15:

(Start: 15 @13123 has 48 MA's), (40, 13186), (55, 13249), (76, 13345), (85, 13393), (87, 13399), (96, 13447), (111, 13519), (119, 13549), (127, 13570), (141, 13630), (149, 13651), (166, 13717), (207, 13858), (208, 13861),

Gene: Gezellig_21 Start: 13964, Stop: 14776, Start Num: 22

Candidate Starts for Gezellig_21:

(Start: 22 @13964 has 30 MA's), (48, 14045), (84, 14195), (112, 14342), (122, 14378), (156, 14492), (217, 14762),

Gene: GinPorsche_12 Start: 12252, Stop: 13046, Start Num: 11

Candidate Starts for GinPorsche_12:

(Start: 11 @12252 has 341 MA's), (23, 12273), (26, 12282), (45, 12339), (55, 12384), (85, 12522), (96, 12576), (101, 12597), (106, 12618), (108, 12624), (127, 12711), (138, 12753), (166, 12849), (170, 12867), (175, 12891), (189, 12933), (204, 12975), (215, 13023),

Gene: Giraffe_13 Start: 11310, Stop: 12107, Start Num: 11

Candidate Starts for Giraffe_13:

(Start: 11 @11310 has 341 MA's), (23, 11331), (28, 11343), (33, 11355), (71, 11517), (87, 11586), (96, 11634), (111, 11706), (125, 11751), (131, 11775), (144, 11826), (164, 11880), (175, 11937), (188, 11976),

Gene: Glass_16 Start: 14652, Stop: 15470, Start Num: 9

Candidate Starts for Glass_16:

(Start: 9 @14652 has 34 MA's), (55, 14796), (56, 14802), (84, 14931), (85, 14937), (97, 14997), (107, 15036), (112, 15075), (127, 15114), (154, 15210), (166, 15258), (175, 15300), (187, 15336), (208, 15402),

Gene: GlenHope_16 Start: 13130, Stop: 13939, Start Num: 15

Candidate Starts for GlenHope_16:

(Start: 15 @13130 has 48 MA's), (40, 13193), (55, 13256), (76, 13352), (85, 13400), (87, 13406), (96, 13454), (111, 13526), (119, 13556), (127, 13577), (141, 13637), (149, 13658), (166, 13724), (207, 13865), (208, 13868),

Gene: Glubnar_15 Start: 13144, Stop: 13953, Start Num: 15

Candidate Starts for Glubnar_15:

(Start: 15 @13144 has 48 MA's), (40, 13207), (55, 13270), (76, 13366), (85, 13414), (87, 13420), (96, 13468), (111, 13540), (119, 13570), (127, 13591), (141, 13651), (149, 13672), (166, 13738), (207, 13879), (208, 13882),

Gene: GodPhather_11 Start: 12988, Stop: 13764, Start Num: 18

Candidate Starts for GodPhather_11:

(Start: 18 @12988 has 12 MA's), (28, 13009), (30, 13012), (36, 13030), (46, 13063), (56, 13117), (58, 13123), (66, 13156), (96, 13303), (102, 13327), (103, 13333), (124, 13417), (148, 13501), (160, 13543), (187, 13648), (191, 13654), (208, 13714),

Gene: Godines_16 Start: 14535, Stop: 15353, Start Num: 9

Candidate Starts for Godines_16:

(Start: 9 @14535 has 34 MA's), (55, 14679), (84, 14814), (85, 14820), (97, 14880), (107, 14919), (112, 14958), (127, 14997), (154, 15093), (166, 15141), (175, 15183), (187, 15219), (208, 15285),

Gene: GoldenEssence_71 Start: 44073, Stop: 44942, Start Num: 11

Candidate Starts for GoldenEssence_71:

(Start: 11 @44073 has 341 MA's), (60, 44238), (176, 44757), (181, 44775),

Gene: Gophee_13 Start: 11605, Stop: 12402, Start Num: 11

Candidate Starts for Gophee_13:

(Start: 11 @11605 has 341 MA's), (23, 11626), (28, 11638), (33, 11650), (71, 11812), (87, 11881), (96, 11929), (111, 12001), (125, 12046), (131, 12070), (144, 12121), (164, 12175), (175, 12232), (188, 12271),

Gene: Grand2040_12 Start: 11307, Stop: 12110, Start Num: 11

Candidate Starts for Grand2040_12:

(Start: 11 @11307 has 341 MA's), (23, 11328), (28, 11340), (33, 11352), (71, 11514), (87, 11583), (96, 11631), (111, 11703), (125, 11748), (131, 11772), (144, 11823), (164, 11877), (175, 11934), (188, 11973),

Gene: Gustavo_21 Start: 16571, Stop: 17398, Start Num: 13

Candidate Starts for Gustavo_21:

(Start: 13 @16571 has 44 MA's), (20, 16580), (53, 16682), (74, 16772), (105, 16913), (112, 16961), (125, 17012), (139, 17066), (157, 17117), (161, 17135), (167, 17165), (171, 17186), (177, 17222), (186, 17252), (205, 17333), (209, 17351), (211, 17366),

Gene: Gwennie1_13 Start: 11620, Stop: 12417, Start Num: 11

Candidate Starts for Gwennie1_13:

(Start: 11 @11620 has 341 MA's), (23, 11641), (28, 11653), (33, 11665), (87, 11896), (96, 11944), (111, 12016), (125, 12061), (131, 12085), (144, 12136), (164, 12190), (175, 12247), (188, 12286),

Gene: Gwilliam_13 Start: 11599, Stop: 12402, Start Num: 11

Candidate Starts for Gwilliam_13:

(Start: 11 @11599 has 341 MA's), (23, 11620), (28, 11632), (33, 11644), (71, 11806), (87, 11875), (96, 11923), (111, 11995), (125, 12040), (131, 12064), (144, 12115), (164, 12169), (175, 12226), (188, 12265),

Gene: Gyarad_0013 Start: 11602, Stop: 12405, Start Num: 11

Candidate Starts for Gyarad_0013:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: HSavage_13 Start: 11604, Stop: 12407, Start Num: 11

Candidate Starts for HSavage_13:

(Start: 11 @11604 has 341 MA's), (23, 11625), (28, 11637), (33, 11649), (71, 11811), (87, 11880), (96, 11928), (111, 12000), (125, 12045), (131, 12069), (144, 12120), (164, 12174), (175, 12231), (188, 12270),

Gene: Haimas_13 Start: 11602, Stop: 12399, Start Num: 11

Candidate Starts for Haimas_13:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: Haleema_12 Start: 11309, Stop: 12112, Start Num: 11

Candidate Starts for Haleema_12:

(Start: 11 @11309 has 341 MA's), (23, 11330), (28, 11342), (33, 11354), (71, 11516), (87, 11585), (96, 11633), (111, 11705), (125, 11750), (131, 11774), (144, 11825), (164, 11879), (175, 11936), (188, 11975),

Gene: Halfpint_14 Start: 12965, Stop: 13774, Start Num: 15

Candidate Starts for Halfpint_14:

(Start: 15 @12965 has 48 MA's), (40, 13028), (55, 13091), (76, 13187), (85, 13235), (87, 13241), (96, 13289), (111, 13361), (119, 13391), (127, 13412), (141, 13472), (149, 13493), (166, 13559), (207, 13700), (208, 13703),

Gene: Hally898_12 Start: 12252, Stop: 13046, Start Num: 11

Candidate Starts for Hally898_12:

(Start: 11 @12252 has 341 MA's), (23, 12273), (26, 12282), (45, 12339), (55, 12384), (85, 12522), (96, 12576), (101, 12597), (106, 12618), (108, 12624), (127, 12711), (138, 12753), (166, 12849), (170, 12867), (175, 12891), (189, 12933), (204, 12975), (215, 13023),

Gene: Halo3_21 Start: 14285, Stop: 15097, Start Num: 22

Candidate Starts for Halo3_21:

(Start: 22 @14285 has 30 MA's), (48, 14366), (84, 14516), (110, 14636), (112, 14663), (156, 14813), (183, 14945), (217, 15083),

Gene: Hamish_13 Start: 11602, Stop: 12399, Start Num: 11

Candidate Starts for Hamish_13:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: Hangman_13 Start: 13346, Stop: 14140, Start Num: 11

Candidate Starts for Hangman_13:

(Start: 11 @13346 has 341 MA's), (23, 13367), (28, 13379), (55, 13478), (85, 13616), (96, 13670), (101, 13691), (106, 13712), (108, 13718), (111, 13742), (127, 13805), (138, 13847), (166, 13943), (175, 13985), (189, 14027), (204, 14069), (215, 14117),

Gene: Hans_24 Start: 17335, Stop: 18165, Start Num: 10

Candidate Starts for Hans_24:

(Start: 10 @17335 has 15 MA's), (12, 17341), (25, 17368), (27, 17374), (44, 17428), (87, 17599), (89, 17611), (105, 17686), (112, 17734), (139, 17836), (159, 17890), (167, 17935), (177, 17992), (205, 18103),

Gene: Hartsy_13 Start: 11599, Stop: 12396, Start Num: 11

Candidate Starts for Hartsy_13:

(Start: 11 @11599 has 341 MA's), (23, 11620), (28, 11632), (33, 11644), (87, 11875), (96, 11923), (111, 11995), (125, 12040), (131, 12064), (144, 12115), (164, 12169), (175, 12226), (188, 12265),

Gene: Harvey_13 Start: 11606, Stop: 12409, Start Num: 11

Candidate Starts for Harvey_13:

(Start: 11 @11606 has 341 MA's), (23, 11627), (28, 11639), (33, 11651), (71, 11813), (87, 11882), (96, 11930), (111, 12002), (125, 12047), (131, 12071), (144, 12122), (164, 12176), (175, 12233), (188, 12272),

Gene: HarveySr_15 Start: 13117, Stop: 13926, Start Num: 15

Candidate Starts for HarveySr_15:

(Start: 15 @13117 has 48 MA's), (40, 13180), (55, 13243), (76, 13339), (85, 13387), (87, 13393), (96, 13441), (111, 13513), (119, 13543), (122, 13546), (127, 13564), (141, 13624), (149, 13645), (166, 13711), (207, 13852), (208, 13855),

Gene: Hashim76_18 Start: 12730, Stop: 13515, Start Num: 15

Candidate Starts for Hashim76_18:

(Start: 15 @12730 has 48 MA's), (23, 12742), (55, 12850), (56, 12856), (71, 12928), (86, 12994), (96, 13045), (127, 13186), (175, 13366), (189, 13408), (204, 13450), (215, 13498),

Gene: Heath_13 Start: 13346, Stop: 14140, Start Num: 11

Candidate Starts for Heath_13:

(Start: 11 @13346 has 341 MA's), (23, 13367), (28, 13379), (55, 13478), (85, 13616), (96, 13670), (101, 13691), (106, 13712), (108, 13718), (127, 13805), (138, 13847), (166, 13943), (167, 13946), (175, 13985), (189, 14027), (204, 14069), (215, 14117),

Gene: Heathcliff_15 Start: 13102, Stop: 13911, Start Num: 15

Candidate Starts for Heathcliff_15:

(Start: 15 @13102 has 48 MA's), (40, 13165), (55, 13228), (76, 13324), (85, 13372), (87, 13378), (96, 13426), (111, 13498), (119, 13528), (122, 13531), (127, 13549), (141, 13609), (149, 13630), (166, 13696), (207, 13837), (208, 13840),

Gene: Hedgerow_16 Start: 14634, Stop: 15452, Start Num: 9

Candidate Starts for Hedgerow_16:

(Start: 9 @14634 has 34 MA's), (55, 14778), (72, 14859), (84, 14913), (85, 14919), (97, 14979), (107, 15018), (112, 15057), (127, 15096), (154, 15192), (166, 15240), (175, 15282), (187, 15318), (208, 15384),

Gene: Held_13 Start: 11310, Stop: 12113, Start Num: 11

Candidate Starts for Held_13:

(Start: 11 @11310 has 341 MA's), (23, 11331), (28, 11343), (33, 11355), (71, 11517), (87, 11586), (96, 11634), (111, 11706), (125, 11751), (131, 11775), (144, 11826), (164, 11880), (175, 11937), (188, 11976),

Gene: HenryJackson_12 Start: 11312, Stop: 12115, Start Num: 11

Candidate Starts for HenryJackson_12:

(Start: 11 @11312 has 341 MA's), (23, 11333), (28, 11345), (33, 11357), (71, 11519), (87, 11588), (96, 11636), (111, 11708), (125, 11753), (131, 11777), (144, 11828), (164, 11882), (175, 11939), (188, 11978),

Gene: Hertubise_13 Start: 11605, Stop: 12402, Start Num: 11

Candidate Starts for Hertubise_13:

(Start: 11 @11605 has 341 MA's), (23, 11626), (28, 11638), (33, 11650), (71, 11812), (87, 11881), (96, 11929), (111, 12001), (125, 12046), (131, 12070), (144, 12121), (164, 12175), (175, 12232), (188, 12271),

Gene: Hetaeria_13 Start: 11602, Stop: 12405, Start Num: 11

Candidate Starts for Hetaeria_13:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: HighStump_12 Start: 11309, Stop: 12106, Start Num: 11

Candidate Starts for HighStump_12:

(Start: 11 @11309 has 341 MA's), (23, 11330), (28, 11342), (33, 11354), (71, 11516), (87, 11585), (96, 11633), (111, 11705), (125, 11750), (131, 11774), (144, 11825), (164, 11879), (175, 11936), (188, 11975),

Gene: Hocus_12 Start: 11309, Stop: 12106, Start Num: 11

Candidate Starts for Hocus_12:

(Start: 11 @11309 has 341 MA's), (23, 11330), (28, 11342), (33, 11354), (87, 11585), (96, 11633), (111, 11705), (125, 11750), (131, 11774), (144, 11825), (164, 11879), (175, 11936), (188, 11975),

Gene: Holeinone_16 Start: 14534, Stop: 15352, Start Num: 9

Candidate Starts for Holeinone_16:

(Start: 9 @14534 has 34 MA's), (55, 14678), (84, 14813), (85, 14819), (97, 14879), (107, 14918), (112, 14957), (127, 14996), (154, 15092), (166, 15140), (175, 15182), (187, 15218), (208, 15284),

Gene: Horchata_13 Start: 11601, Stop: 12404, Start Num: 11

Candidate Starts for Horchata_13:

(Start: 11 @11601 has 341 MA's), (23, 11622), (28, 11634), (33, 11646), (71, 11808), (87, 11877), (96, 11925), (111, 11997), (125, 12042), (131, 12066), (144, 12117), (164, 12171), (175, 12228), (188, 12267),

Gene: Hosp_09 Start: 10034, Stop: 10801, Start Num: 11

Candidate Starts for Hosp_09:

(Start: 11 @10034 has 341 MA's), (23, 10055), (85, 10295), (101, 10370), (121, 10451), (166, 10610), (170, 10628), (197, 10706), (204, 10736),

Gene: Hydro_13 Start: 13343, Stop: 14137, Start Num: 11

Candidate Starts for Hydro_13:

(Start: 11 @13343 has 341 MA's), (23, 13364), (28, 13376), (55, 13475), (85, 13613), (96, 13667), (101, 13688), (106, 13709), (108, 13715), (111, 13739), (127, 13802), (138, 13844), (166, 13940), (175, 13982), (189, 14024), (204, 14066), (215, 14114),

Gene: ImtiyazSitla_12 Start: 11149, Stop: 11946, Start Num: 11

Candidate Starts for ImtiyazSitla_12:

(Start: 11 @11149 has 341 MA's), (23, 11170), (28, 11182), (33, 11194), (87, 11425), (96, 11473), (111, 11545), (125, 11590), (131, 11614), (144, 11665), (164, 11719), (175, 11776), (188, 11815),

Gene: Imvubu_10 Start: 10724, Stop: 11518, Start Num: 11

Candidate Starts for Imvubu_10:

(Start: 11 @10724 has 341 MA's), (28, 10748), (66, 10889), (87, 10988), (107, 11081), (108, 11084), (112, 11135), (127, 11183), (137, 11222), (145, 11252), (170, 11339), (175, 11363),

Gene: Inchworm_13 Start: 11599, Stop: 12396, Start Num: 11

Candidate Starts for Inchworm_13:

(Start: 11 @11599 has 341 MA's), (23, 11620), (28, 11632), (33, 11644), (71, 11806), (87, 11875), (96, 11923), (111, 11995), (125, 12040), (131, 12064), (144, 12115), (164, 12169), (175, 12226), (188, 12265),

Gene: Indlovu_13 Start: 13063, Stop: 13839, Start Num: 14

Candidate Starts for Indlovu_13:

(Start: 14 @13063 has 1 MA's), (23, 13075), (107, 13423), (133, 13531), (154, 13600), (166, 13648), (173, 13684), (175, 13690), (187, 13726), (208, 13792), (215, 13822),

Gene: Inspectinfecti_23 Start: 17760, Stop: 18590, Start Num: 10

Candidate Starts for Inspectinfecti_23:

(Start: 10 @17760 has 15 MA's), (12, 17766), (25, 17793), (27, 17799), (44, 17853), (87, 18024), (89, 18036), (105, 18111), (112, 18159), (139, 18261), (159, 18315), (167, 18360), (177, 18417), (205, 18528),

Gene: Inverness_13 Start: 11604, Stop: 12407, Start Num: 11

Candidate Starts for Inverness_13:

(Start: 11 @11604 has 341 MA's), (23, 11625), (28, 11637), (33, 11649), (71, 11811), (87, 11880), (96, 11928), (111, 12000), (125, 12045), (131, 12069), (144, 12120), (164, 12174), (175, 12231), (188, 12270),

Gene: Iridessa_12 Start: 11305, Stop: 12108, Start Num: 11

Candidate Starts for Iridessa_12:

(Start: 11 @11305 has 341 MA's), (23, 11326), (28, 11338), (33, 11350), (71, 11512), (87, 11581), (96, 11629), (111, 11701), (125, 11746), (131, 11770), (144, 11821), (164, 11875), (175, 11932), (188, 11971),

Gene: Iridoclysis_13 Start: 11606, Stop: 12403, Start Num: 11

Candidate Starts for Iridoclysis_13:

(Start: 11 @11606 has 341 MA's), (23, 11627), (28, 11639), (33, 11651), (71, 11813), (87, 11882), (96, 11930), (111, 12002), (125, 12047), (131, 12071), (144, 12122), (164, 12176), (175, 12233), (188, 12272),

Gene: IsaacEli_13 Start: 11602, Stop: 12405, Start Num: 11

Candidate Starts for IsaacEli_13:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: ItsyBitsy1_16 Start: 14526, Stop: 15344, Start Num: 9

Candidate Starts for ItsyBitsy1_16:

(Start: 9 @14526 has 34 MA's), (55, 14670), (72, 14751), (84, 14805), (85, 14811), (97, 14871), (107, 14910), (112, 14949), (127, 14988), (154, 15084), (166, 15132), (175, 15174), (187, 15210), (208,

15276),

Gene: JAMaL_13 Start: 13517, Stop: 14314, Start Num: 11

Candidate Starts for JAMaL_13:

(Start: 11 @13517 has 341 MA's), (23, 13535), (26, 13544), (45, 13601), (55, 13646), (85, 13784), (96, 13838), (101, 13859), (106, 13880), (108, 13886), (138, 14015), (164, 14102), (166, 14117), (170, 14135), (175, 14159), (189, 14201), (204, 14243), (215, 14291),

Gene: JDog_12 Start: 11305, Stop: 12108, Start Num: 11

Candidate Starts for JDog_12:

(Start: 11 @11305 has 341 MA's), (23, 11326), (28, 11338), (33, 11350), (71, 11512), (87, 11581), (96, 11629), (111, 11701), (125, 11746), (131, 11770), (144, 11821), (164, 11875), (175, 11932), (188, 11971),

Gene: JKSyngboy_20 Start: 17230, Stop: 18057, Start Num: 13

Candidate Starts for JKSyngboy_20:

(Start: 13 @17230 has 44 MA's), (20, 17239), (53, 17341), (81, 17455), (105, 17572), (112, 17620), (125, 17671), (139, 17725), (157, 17776), (161, 17794), (167, 17824), (171, 17845), (177, 17881), (186, 17911), (205, 17992), (209, 18010), (211, 18025),

Gene: Jabberwocky_19 Start: 17005, Stop: 17835, Start Num: 13

Candidate Starts for Jabberwocky_19:

(Start: 13 @17005 has 44 MA's), (20, 17014), (53, 17119), (74, 17209), (87, 17263), (92, 17287), (105, 17350), (112, 17398), (120, 17425), (157, 17554), (167, 17602), (177, 17659), (183, 17683), (186, 17689), (201, 17758), (205, 17770), (209, 17788), (211, 17803),

Gene: JacAttac_13 Start: 11599, Stop: 12396, Start Num: 11

Candidate Starts for JacAttac_13:

(Start: 11 @11599 has 341 MA's), (23, 11620), (28, 11632), (33, 11644), (87, 11875), (96, 11923), (111, 11995), (125, 12040), (131, 12064), (144, 12115), (164, 12169), (175, 12226), (188, 12265),

Gene: Jackstina_14 Start: 13066, Stop: 13875, Start Num: 15

Candidate Starts for Jackstina_14:

(Start: 15 @13066 has 48 MA's), (40, 13129), (55, 13192), (76, 13288), (85, 13336), (87, 13342), (96, 13390), (111, 13462), (119, 13492), (122, 13495), (127, 13513), (141, 13573), (149, 13594), (166, 13660), (207, 13801), (208, 13804),

Gene: JaguarMi_14 Start: 13170, Stop: 13970, Start Num: 11

Candidate Starts for JaguarMi_14:

(Start: 11 @13170 has 341 MA's), (23, 13191), (28, 13203), (45, 13257), (55, 13302), (85, 13440), (96, 13494), (101, 13515), (106, 13536), (108, 13542), (138, 13671), (144, 13698), (166, 13773), (167, 13776), (175, 13815), (189, 13857), (204, 13899), (215, 13947),

Gene: JakeO_12 Start: 11305, Stop: 12108, Start Num: 11

Candidate Starts for JakeO_12:

(Start: 11 @11305 has 341 MA's), (23, 11326), (28, 11338), (33, 11350), (71, 11512), (87, 11581), (96, 11629), (111, 11701), (125, 11746), (131, 11770), (144, 11821), (164, 11875), (175, 11932), (188, 11971),

Gene: Jambalaya_20 Start: 13611, Stop: 14423, Start Num: 22

Candidate Starts for Jambalaya_20:

(Start: 22 @13611 has 30 MA's), (48, 13692), (84, 13842), (112, 13989), (122, 14025), (156, 14139), (217, 14409),

Gene: JangoPhett_13 Start: 11600, Stop: 12397, Start Num: 11

Candidate Starts for JangoPhett_13:

(Start: 11 @11600 has 341 MA's), (23, 11621), (28, 11633), (33, 11645), (71, 11807), (87, 11876), (96, 11924), (111, 11996), (125, 12041), (131, 12065), (144, 12116), (164, 12170), (175, 12227), (188, 12266),

Gene: Jeon_10 Start: 12718, Stop: 13494, Start Num: 18

Candidate Starts for Jeon_10:

(Start: 18 @12718 has 12 MA's), (28, 12739), (30, 12742), (36, 12760), (46, 12793), (56, 12847), (58, 12853), (66, 12886), (96, 13033), (102, 13057), (103, 13063), (124, 13147), (148, 13231), (160, 13273), (187, 13378), (191, 13384), (208, 13444),

Gene: Jesabah_13 Start: 11310, Stop: 12113, Start Num: 11

Candidate Starts for Jesabah_13:

(Start: 11 @11310 has 341 MA's), (23, 11331), (28, 11343), (33, 11355), (71, 11517), (87, 11586), (96, 11634), (111, 11706), (125, 11751), (131, 11775), (144, 11826), (164, 11880), (175, 11937), (188, 11976),

Gene: Jillium_12 Start: 11309, Stop: 12112, Start Num: 11

Candidate Starts for Jillium_12:

(Start: 11 @11309 has 341 MA's), (23, 11330), (28, 11342), (33, 11354), (71, 11516), (87, 11585), (96, 11633), (111, 11705), (125, 11750), (131, 11774), (144, 11825), (164, 11879), (175, 11936), (188, 11975),

Gene: Jiminy_12 Start: 11157, Stop: 11954, Start Num: 11

Candidate Starts for Jiminy_12:

(Start: 11 @11157 has 341 MA's), (23, 11178), (28, 11190), (33, 11202), (71, 11364), (87, 11433), (96, 11481), (111, 11553), (125, 11598), (131, 11622), (144, 11673), (164, 11727), (175, 11784), (188, 11823),

Gene: Jiraiya_12 Start: 11305, Stop: 12108, Start Num: 11

Candidate Starts for Jiraiya_12:

(Start: 11 @11305 has 341 MA's), (23, 11326), (28, 11338), (33, 11350), (71, 11512), (87, 11581), (96, 11629), (111, 11701), (125, 11746), (131, 11770), (144, 11821), (164, 11875), (175, 11932), (188, 11971),

Gene: Jolie1_011 Start: 11815, Stop: 12582, Start Num: 11

Candidate Starts for Jolie1_011:

(Start: 11 @11815 has 341 MA's), (23, 11836), (101, 12151), (121, 12232), (127, 12253), (166, 12391), (170, 12409), (197, 12487), (204, 12517),

Gene: Jollymon_46 Start: 25052, Stop: 25819, Start Num: 11

Candidate Starts for Jollymon_46:

(Start: 11 @25052 has 341 MA's), (39, 25118), (50, 25154), (91, 25325), (92, 25328), (121, 25466), (124, 25478), (133, 25508), (139, 25532), (178, 25688), (179, 25694), (198, 25733), (207, 25772), (213, 25799),

Gene: KLucky39_13 Start: 11602, Stop: 12405, Start Num: 11

Candidate Starts for KLucky39_13:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: KSunshine22_77 Start: 46972, Stop: 47841, Start Num: 11

Candidate Starts for KSunshine22_77:

(Start: 11 @46972 has 341 MA's), (33, 47017), (43, 47053), (93, 47305), (120, 47434), (142, 47524), (176, 47656),

Gene: Kahve_12 Start: 11312, Stop: 12115, Start Num: 11

Candidate Starts for Kahve_12:

(Start: 11 @11312 has 341 MA's), (23, 11333), (28, 11345), (33, 11357), (71, 11519), (87, 11588), (96, 11636), (111, 11708), (125, 11753), (131, 11777), (144, 11828), (164, 11882), (175, 11939), (188, 11978),

Gene: Kailash_13 Start: 11611, Stop: 12408, Start Num: 11

Candidate Starts for Kailash_13:

(Start: 11 @11611 has 341 MA's), (23, 11632), (28, 11644), (33, 11656), (87, 11887), (96, 11935), (111, 12007), (125, 12052), (131, 12076), (144, 12127), (164, 12181), (175, 12238), (188, 12277),

Gene: Kaleb_16 Start: 14652, Stop: 15470, Start Num: 9

Candidate Starts for Kaleb_16:

(Start: 9 @14652 has 34 MA's), (55, 14796), (72, 14877), (84, 14931), (85, 14937), (97, 14997), (107, 15036), (112, 15075), (127, 15114), (154, 15210), (166, 15258), (175, 15300), (187, 15336), (208, 15402),

Gene: Kamashten_22 Start: 17689, Stop: 18519, Start Num: 13

Candidate Starts for Kamashten_22:

(Start: 13 @17689 has 44 MA's), (20, 17698), (53, 17803), (74, 17893), (87, 17947), (92, 17971), (105, 18034), (112, 18082), (120, 18109), (157, 18238), (167, 18286), (177, 18343), (183, 18367), (186, 18373), (201, 18442), (205, 18454), (209, 18472), (211, 18487),

Gene: Kamiyu_15 Start: 13111, Stop: 13920, Start Num: 15

Candidate Starts for Kamiyu_15:

(Start: 15 @13111 has 48 MA's), (40, 13174), (55, 13237), (76, 13333), (85, 13381), (87, 13387), (96, 13435), (111, 13507), (119, 13537), (127, 13558), (141, 13618), (149, 13639), (166, 13705), (207, 13846), (208, 13849),

Gene: KarasumaRum_15 Start: 13490, Stop: 14296, Start Num: 11

Candidate Starts for KarasumaRum_15:

(Start: 11 @13490 has 341 MA's), (86, 13784), (103, 13865), (111, 13907), (129, 13970), (133, 13982), (150, 14042), (166, 14099), (175, 14141), (202, 14219), (215, 14273),

Gene: Katniss_13 Start: 11603, Stop: 12406, Start Num: 11

Candidate Starts for Katniss_13:

(Start: 11 @11603 has 341 MA's), (23, 11624), (28, 11636), (33, 11648), (71, 11810), (87, 11879), (96, 11927), (111, 11999), (125, 12044), (131, 12068), (144, 12119), (164, 12173), (175, 12230), (188, 12269),

Gene: KayaCho_11 Start: 11827, Stop: 12594, Start Num: 11

Candidate Starts for KayaCho_11:

(Start: 11 @11827 has 341 MA's), (23, 11848), (101, 12163), (121, 12244), (167, 12406), (189, 12487), (204, 12529),

Gene: Keitabear_23 Start: 19226, Stop: 20056, Start Num: 13

Candidate Starts for Keitabear_23:

(Start: 13 @19226 has 44 MA's), (20, 19235), (53, 19340), (63, 19388), (74, 19430), (81, 19454), (92, 19508), (105, 19571), (112, 19619), (120, 19646), (157, 19775), (167, 19823), (177, 19880), (183, 19904), (186, 19910), (201, 19979), (205, 19991), (209, 20009), (211, 20024),

Gene: Keitherie_13 Start: 11616, Stop: 12413, Start Num: 11

Candidate Starts for Keitherie_13:

(Start: 11 @11616 has 341 MA's), (23, 11637), (28, 11649), (33, 11661), (71, 11823), (87, 11892), (96, 11940), (111, 12012), (125, 12057), (131, 12081), (144, 12132), (164, 12186), (175, 12243), (188, 12282),

Gene: Kewpiedoll_22 Start: 17077, Stop: 17907, Start Num: 13

Candidate Starts for Kewpiedoll_22:

(Start: 13 @17077 has 44 MA's), (20, 17086), (53, 17191), (74, 17281), (81, 17305), (87, 17335), (92, 17359), (105, 17422), (112, 17470), (120, 17497), (157, 17626), (167, 17674), (177, 17731), (186, 17761), (201, 17830), (205, 17842), (209, 17860), (211, 17875),

Gene: Khan1_13 Start: 11305, Stop: 12108, Start Num: 11

Candidate Starts for Khan1_13:

(Start: 11 @11305 has 341 MA's), (23, 11326), (28, 11338), (33, 11350), (71, 11512), (87, 11581), (96, 11629), (111, 11701), (125, 11746), (131, 11770), (144, 11821), (164, 11875), (175, 11932), (188, 11971),

Gene: Kheth_16 Start: 14535, Stop: 15353, Start Num: 9

Candidate Starts for Kheth_16:

(Start: 9 @14535 has 34 MA's), (55, 14679), (72, 14760), (84, 14814), (85, 14820), (97, 14880), (107, 14919), (112, 14958), (127, 14997), (154, 15093), (166, 15141), (175, 15183), (187, 15219), (208, 15285),

Gene: Kikipoo_13 Start: 11602, Stop: 12405, Start Num: 11

Candidate Starts for Kikipoo_13:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: Kimbrough_13 Start: 11312, Stop: 12115, Start Num: 11

Candidate Starts for Kimbrough_13:

(Start: 11 @11312 has 341 MA's), (23, 11333), (28, 11345), (33, 11357), (71, 11519), (87, 11588), (96, 11636), (111, 11708), (125, 11753), (131, 11777), (144, 11828), (164, 11882), (175, 11939), (188, 11978),

Gene: KimmyK_22 Start: 14500, Stop: 15312, Start Num: 22

Candidate Starts for KimmyK_22:

(Start: 22 @14500 has 30 MA's), (48, 14581), (84, 14731), (112, 14878), (122, 14914), (156, 15028), (217, 15298),

Gene: KingTut_12 Start: 11310, Stop: 12113, Start Num: 11

Candidate Starts for KingTut_12:

(Start: 11 @11310 has 341 MA's), (23, 11331), (28, 11343), (33, 11355), (71, 11517), (87, 11586), (96, 11634), (111, 11706), (125, 11751), (131, 11775), (144, 11826), (164, 11880), (175, 11937), (188, 11976),

Gene: KingVeVeVe_13 Start: 11603, Stop: 12406, Start Num: 11

Candidate Starts for KingVeVeVe_13:

(Start: 11 @11603 has 341 MA's), (23, 11624), (28, 11636), (33, 11648), (71, 11810), (87, 11879), (96, 11927), (111, 11999), (125, 12044), (131, 12068), (144, 12119), (164, 12173), (175, 12230), (188, 12269),

Gene: KingstonB_46 Start: 24560, Stop: 25327, Start Num: 11

Candidate Starts for KingstonB_46:

(Start: 11 @24560 has 341 MA's), (39, 24626), (50, 24662), (91, 24833), (92, 24836), (124, 24986), (139, 25040), (178, 25196), (179, 25202), (207, 25280), (213, 25307),

Gene: KlimbOn_13 Start: 11602, Stop: 12405, Start Num: 11

Candidate Starts for KlimbOn_13:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: Kloppinator_13 Start: 11600, Stop: 12403, Start Num: 11

Candidate Starts for Kloppinator_13:

(Start: 11 @11600 has 341 MA's), (23, 11621), (28, 11633), (33, 11645), (71, 11807), (87, 11876), (96, 11924), (111, 11996), (125, 12041), (131, 12065), (144, 12116), (164, 12170), (175, 12227), (188, 12266),

Gene: Knocker_18 Start: 15870, Stop: 16694, Start Num: 11

Candidate Starts for Knocker_18:

(Start: 11 @15870 has 341 MA's), (28, 15894), (39, 15927), (52, 15972), (65, 16029), (69, 16059), (71, 16068), (85, 16155), (87, 16161), (103, 16239), (115, 16302), (137, 16377), (152, 16425), (162, 16452), (175, 16527), (197, 16581), (204, 16611),

Gene: Kolhan_16 Start: 14532, Stop: 15350, Start Num: 9

Candidate Starts for Kolhan_16:

(Start: 9 @14532 has 34 MA's), (55, 14676), (72, 14757), (84, 14811), (85, 14817), (97, 14877), (107, 14916), (112, 14955), (127, 14994), (154, 15090), (166, 15138), (175, 15180), (187, 15216), (208, 15282),

Gene: Kronus_14 Start: 13723, Stop: 14532, Start Num: 15

Candidate Starts for Kronus_14:

(Start: 15 @13723 has 48 MA's), (40, 13786), (55, 13849), (76, 13945), (85, 13993), (87, 13999), (96, 14047), (111, 14119), (119, 14149), (127, 14170), (141, 14230), (149, 14251), (166, 14317), (207, 14458), (208, 14461),

Gene: Kroos_22 Start: 17329, Stop: 18156, Start Num: 13

Candidate Starts for Kroos_22:

(Start: 13 @17329 has 44 MA's), (20, 17338), (53, 17440), (57, 17467), (74, 17530), (81, 17554), (105, 17671), (112, 17719), (125, 17770), (139, 17824), (157, 17875), (161, 17893), (167, 17923), (171, 17944), (177, 17980), (186, 18010), (205, 18091), (209, 18109), (211, 18124),

Gene: Kwadwo_12 Start: 11309, Stop: 12106, Start Num: 11

Candidate Starts for Kwadwo_12:

(Start: 11 @11309 has 341 MA's), (23, 11330), (28, 11342), (33, 11354), (71, 11516), (87, 11585), (96, 11633), (111, 11705), (125, 11750), (131, 11774), (144, 11825), (164, 11879), (175, 11936), (188, 11975),

Gene: Kwekel_21 Start: 15688, Stop: 16518, Start Num: 10

Candidate Starts for Kwekel_21:

(Start: 10 @15688 has 15 MA's), (44, 15778), (62, 15856), (100, 16018), (110, 16060), (112, 16087), (132, 16162), (139, 16189), (157, 16240), (183, 16369), (186, 16375), (193, 16396), (205, 16456), (208, 16471),

Gene: Kwksand96_12 Start: 11155, Stop: 11958, Start Num: 11

Candidate Starts for Kwksand96_12:

(Start: 11 @11155 has 341 MA's), (23, 11176), (28, 11188), (33, 11200), (71, 11362), (87, 11431), (96, 11479), (111, 11551), (125, 11596), (131, 11620), (144, 11671), (164, 11725), (175, 11782), (188, 11821),

Gene: Kwobi_22 Start: 17311, Stop: 18138, Start Num: 13

Candidate Starts for Kwobi_22:

(Start: 13 @17311 has 44 MA's), (20, 17320), (53, 17422), (74, 17512), (105, 17653), (112, 17701), (125, 17752), (139, 17806), (157, 17857), (161, 17875), (167, 17905), (171, 17926), (177, 17962), (186, 17992), (205, 18073), (209, 18091), (211, 18106),

Gene: Labeouficaum_12 Start: 11161, Stop: 11958, Start Num: 11

Candidate Starts for Labeouficaum_12:

(Start: 11 @11161 has 341 MA's), (23, 11182), (28, 11194), (33, 11206), (87, 11437), (96, 11485), (111, 11557), (125, 11602), (131, 11626), (144, 11677), (164, 11731), (175, 11788), (188, 11827),

Gene: Lambano_12 Start: 12252, Stop: 13046, Start Num: 11

Candidate Starts for Lambano_12:

(Start: 11 @12252 has 341 MA's), (23, 12273), (26, 12282), (45, 12339), (55, 12384), (85, 12522), (96, 12576), (101, 12597), (106, 12618), (108, 12624), (127, 12711), (138, 12753), (166, 12849), (170, 12867), (175, 12891), (189, 12933), (204, 12975), (215, 13023),

Gene: Lars_16 Start: 14652, Stop: 15470, Start Num: 9

Candidate Starts for Lars_16:

(Start: 9 @14652 has 34 MA's), (55, 14796), (72, 14877), (84, 14931), (85, 14937), (97, 14997), (107, 15036), (112, 15075), (127, 15114), (154, 15210), (166, 15258), (175, 15300), (187, 15336), (208, 15402),

Gene: LasagnaCat_13 Start: 11611, Stop: 12408, Start Num: 11

Candidate Starts for LasagnaCat_13:

(Start: 11 @11611 has 341 MA's), (23, 11632), (28, 11644), (33, 11656), (71, 11818), (87, 11887), (96, 11935), (111, 12007), (125, 12052), (131, 12076), (144, 12127), (164, 12181), (175, 12238), (188, 12277),

Gene: Lasso_13 Start: 11593, Stop: 12396, Start Num: 11

Candidate Starts for Lasso_13:

(Start: 11 @11593 has 341 MA's), (23, 11614), (28, 11626), (33, 11638), (71, 11800), (87, 11869), (96, 11917), (111, 11989), (125, 12034), (131, 12058), (144, 12109), (164, 12163), (175, 12220), (188, 12259),

Gene: Laurie_16 Start: 14530, Stop: 15348, Start Num: 9

Candidate Starts for Laurie_16:

(Start: 9 @14530 has 34 MA's), (55, 14674), (56, 14680), (84, 14809), (85, 14815), (97, 14875), (107, 14914), (112, 14953), (127, 14992), (154, 15088), (166, 15136), (175, 15178), (187, 15214), (208, 15280),

Gene: LeeLot_13 Start: 11602, Stop: 12399, Start Num: 11

Candidate Starts for LeeLot_13:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: Lego3393_13 Start: 11600, Stop: 12403, Start Num: 11

Candidate Starts for Lego3393_13:

(Start: 11 @11600 has 341 MA's), (23, 11621), (28, 11633), (33, 11645), (71, 11807), (87, 11876), (96, 11924), (111, 11996), (125, 12041), (131, 12065), (144, 12116), (164, 12170), (175, 12227), (188, 12266),

Gene: Legolas_12 Start: 11307, Stop: 12110, Start Num: 11

Candidate Starts for Legolas_12:

(Start: 11 @11307 has 341 MA's), (23, 11328), (28, 11340), (33, 11352), (71, 11514), (87, 11583), (96, 11631), (111, 11703), (125, 11748), (131, 11772), (144, 11823), (164, 11877), (175, 11934), (188, 11973),

Gene: LeiMonet_13 Start: 11305, Stop: 12108, Start Num: 11

Candidate Starts for LeiMonet_13:

(Start: 11 @11305 has 341 MA's), (23, 11326), (28, 11338), (33, 11350), (71, 11512), (87, 11581), (96, 11629), (111, 11701), (125, 11746), (131, 11770), (144, 11821), (164, 11875), (175, 11932), (188, 11971),

Gene: LemonSlice_13 Start: 11313, Stop: 12116, Start Num: 11

Candidate Starts for LemonSlice_13:

(Start: 11 @11313 has 341 MA's), (23, 11334), (28, 11346), (33, 11358), (71, 11520), (87, 11589), (96, 11637), (111, 11709), (125, 11754), (131, 11778), (144, 11829), (164, 11883), (175, 11940), (188, 11979),

Gene: Lennon_23 Start: 18329, Stop: 19159, Start Num: 13

Candidate Starts for Lennon_23:

(Start: 13 @18329 has 44 MA's), (20, 18338), (53, 18443), (74, 18533), (81, 18557), (87, 18587), (92, 18611), (105, 18674), (112, 18722), (120, 18749), (157, 18878), (167, 18926), (177, 18983), (183, 19007), (186, 19013), (201, 19082), (205, 19094), (209, 19112), (211, 19127),

Gene: LeoJr_82 Start: 49005, Stop: 49877, Start Num: 11

Candidate Starts for LeoJr_82:

(Start: 11 @49005 has 341 MA's), (33, 49050), (120, 49467), (176, 49692),

Gene: Leonard_22 Start: 17355, Stop: 18185, Start Num: 10

Candidate Starts for Leonard_22:

(Start: 10 @17355 has 15 MA's), (12, 17361), (25, 17388), (27, 17394), (44, 17448), (87, 17619), (89, 17631), (105, 17706), (112, 17754), (139, 17856), (159, 17910), (165, 17940), (167, 17955), (177, 18012), (205, 18123),

Gene: Lephleur_16 Start: 14532, Stop: 15350, Start Num: 9

Candidate Starts for Lephleur_16:

(Start: 9 @14532 has 34 MA's), (55, 14676), (72, 14757), (84, 14811), (85, 14817), (97, 14877), (107, 14916), (112, 14955), (127, 14994), (154, 15090), (166, 15138), (175, 15180), (187, 15216), (208, 15282),

Gene: LestyG_15 Start: 13144, Stop: 13953, Start Num: 15

Candidate Starts for LestyG_15:

(Start: 15 @13144 has 48 MA's), (40, 13207), (55, 13270), (76, 13366), (85, 13414), (87, 13420), (96, 13468), (111, 13540), (119, 13570), (122, 13573), (127, 13591), (141, 13651), (149, 13672), (166, 13738), (207, 13879), (208, 13882),

Gene: Ligma_12 Start: 11636, Stop: 12418, Start Num: 11

Candidate Starts for Ligma_12:

(Start: 11 @11636 has 341 MA's), (19, 11648), (46, 11726), (175, 12272), (178, 12287), (187, 12308), (202, 12350), (204, 12356), (212, 12395),

Gene: LilHam_19 Start: 15890, Stop: 16717, Start Num: 13

Candidate Starts for LilHam_19:

(Start: 13 @15890 has 44 MA's), (20, 15899), (53, 16001), (81, 16115), (105, 16232), (112, 16280), (125, 16331), (139, 16385), (157, 16436), (161, 16454), (167, 16484), (171, 16505), (177, 16541), (186, 16571), (205, 16652), (209, 16670), (211, 16685),

Gene: LilMcDreamy_14 Start: 14087, Stop: 14896, Start Num: 11

Candidate Starts for LilMcDreamy_14:

(Start: 11 @14087 has 341 MA's), (52, 14222), (55, 14240), (96, 14441), (101, 14462), (103, 14471), (108, 14489), (111, 14513), (166, 14705), (189, 14789), (204, 14831), (211, 14867),

Gene: LilSmirk_16 Start: 14532, Stop: 15350, Start Num: 9

Candidate Starts for LilSmirk_16:

(Start: 9 @14532 has 34 MA's), (55, 14676), (72, 14757), (84, 14811), (85, 14817), (97, 14877), (107, 14916), (112, 14955), (127, 14994), (154, 15090), (166, 15138), (175, 15180), (187, 15216), (208, 15282),

Gene: Lilbeanie_19 Start: 12678, Stop: 13550, Start Num: 22

Candidate Starts for Lilbeanie_19:

(Start: 22 @12678 has 30 MA's), (87, 12936), (95, 12969), (103, 13014), (112, 13089), (127, 13146), (134, 13173), (139, 13194), (142, 13215), (147, 13224), (156, 13242), (157, 13245), (161, 13263), (162, 13266), (167, 13293), (186, 13386), (201, 13455), (209, 13485), (217, 13518),

Gene: LittleMunchkin_13 Start: 12925, Stop: 13710, Start Num: 11

Candidate Starts for LittleMunchkin_13:

(Start: 11 @12925 has 341 MA's), (46, 13018), (51, 13042), (97, 13261), (110, 13315), (127, 13378), (140, 13432), (170, 13540), (178, 13579), (197, 13618), (208, 13666),

Gene: LizLemon_16 Start: 14652, Stop: 15470, Start Num: 9

Candidate Starts for LizLemon_16:

(Start: 9 @14652 has 34 MA's), (55, 14796), (56, 14802), (84, 14931), (85, 14937), (97, 14997), (107, 15036), (112, 15075), (127, 15114), (154, 15210), (166, 15258), (175, 15300), (187, 15336), (208, 15402),

Gene: Lolalove_13 Start: 13343, Stop: 14137, Start Num: 11

Candidate Starts for Lolalove_13:

(Start: 11 @13343 has 341 MA's), (23, 13364), (28, 13376), (55, 13475), (85, 13613), (96, 13667), (101, 13688), (106, 13709), (108, 13715), (111, 13739), (127, 13802), (138, 13844), (166, 13940), (175, 13982), (189, 14024), (204, 14066), (215, 14114),

Gene: Longacauda_12 Start: 11305, Stop: 12102, Start Num: 11

Candidate Starts for Longacauda_12:

(Start: 11 @11305 has 341 MA's), (23, 11326), (28, 11338), (33, 11350), (87, 11581), (96, 11629), (111, 11701), (125, 11746), (131, 11770), (144, 11821), (164, 11875), (175, 11932), (188, 11971),

Gene: Lopsy_12 Start: 11149, Stop: 11952, Start Num: 11

Candidate Starts for Lopsy_12:

(Start: 11 @11149 has 341 MA's), (23, 11170), (28, 11182), (33, 11194), (71, 11356), (87, 11425), (96, 11473), (111, 11545), (125, 11590), (131, 11614), (144, 11665), (164, 11719), (175, 11776), (188, 11815),

Gene: LostAndPhound_12 Start: 11309, Stop: 12112, Start Num: 11

Candidate Starts for LostAndPhound_12:

(Start: 11 @11309 has 341 MA's), (23, 11330), (28, 11342), (33, 11354), (71, 11516), (87, 11585), (96, 11633), (111, 11705), (125, 11750), (131, 11774), (144, 11825), (164, 11879), (175, 11936), (188, 11975),

Gene: Love_23 Start: 17204, Stop: 18034, Start Num: 13

Candidate Starts for Love_23:

(Start: 13 @17204 has 44 MA's), (20, 17213), (53, 17318), (74, 17408), (87, 17462), (92, 17486), (105, 17549), (112, 17597), (120, 17624), (127, 17654), (157, 17753), (167, 17801), (177, 17858), (183, 17882), (186, 17888), (201, 17957), (205, 17969), (209, 17987), (211, 18002),

Gene: LuckyMarjie_12 Start: 11309, Stop: 12112, Start Num: 11

Candidate Starts for LuckyMarjie_12:

(Start: 11 @11309 has 341 MA's), (23, 11330), (28, 11342), (33, 11354), (71, 11516), (87, 11585), (96, 11633), (111, 11705), (125, 11750), (131, 11774), (144, 11825), (164, 11879), (175, 11936), (188, 11975),

Gene: Lulumae_12 Start: 11310, Stop: 12107, Start Num: 11

Candidate Starts for Lulumae_12:

(Start: 11 @11310 has 341 MA's), (23, 11331), (28, 11343), (33, 11355), (87, 11586), (96, 11634), (111, 11706), (125, 11751), (131, 11775), (144, 11826), (164, 11880), (175, 11937), (188, 11976),

Gene: Lulwa_13 Start: 11605, Stop: 12408, Start Num: 11

Candidate Starts for Lulwa_13:

(Start: 11 @11605 has 341 MA's), (23, 11626), (28, 11638), (33, 11650), (71, 11812), (87, 11881), (96, 11929), (111, 12001), (125, 12046), (131, 12070), (144, 12121), (164, 12175), (175, 12232), (188, 12271),

Gene: Lumine_12 Start: 11297, Stop: 12094, Start Num: 11

Candidate Starts for Lumine_12:

(Start: 11 @11297 has 341 MA's), (23, 11318), (28, 11330), (33, 11342), (87, 11573), (96, 11621), (111, 11693), (125, 11738), (131, 11762), (144, 11813), (164, 11867), (175, 11924), (188, 11963),

Gene: MRabcd_12 Start: 11306, Stop: 12109, Start Num: 11

Candidate Starts for MRabcd_12:

(Start: 11 @11306 has 341 MA's), (23, 11327), (28, 11339), (33, 11351), (71, 11513), (87, 11582), (96, 11630), (111, 11702), (125, 11747), (131, 11771), (144, 11822), (164, 11876), (175, 11933), (188, 11972),

Gene: Mag7_12 Start: 11161, Stop: 11958, Start Num: 11

Candidate Starts for Mag7_12:

(Start: 11 @11161 has 341 MA's), (23, 11182), (28, 11194), (33, 11206), (87, 11437), (96, 11485), (111, 11557), (125, 11602), (131, 11626), (144, 11677), (164, 11731), (175, 11788), (188, 11827),

Gene: Magic8_13 Start: 11599, Stop: 12396, Start Num: 11

Candidate Starts for Magic8_13:

(Start: 11 @11599 has 341 MA's), (23, 11620), (28, 11632), (33, 11644), (71, 11806), (87, 11875), (96, 11923), (111, 11995), (125, 12040), (131, 12064), (144, 12115), (164, 12169), (175, 12226), (188, 12265),

Gene: Magpie_13 Start: 13501, Stop: 14295, Start Num: 11

Candidate Starts for Magpie_13:

(Start: 11 @13501 has 341 MA's), (23, 13522), (55, 13633), (85, 13771), (96, 13825), (101, 13846), (106, 13867), (108, 13873), (127, 13960), (138, 14002), (166, 14098), (167, 14101), (175, 14140), (189, 14182), (204, 14224), (215, 14272),

Gene: MakoManhole_14 Start: 13114, Stop: 13887, Start Num: 11

Candidate Starts for MakoManhole_14:

(Start: 11 @13114 has 341 MA's), (55, 13246), (108, 13477), (124, 13543), (127, 13552), (166, 13696), (204, 13822), (207, 13837),

Gene: Mana_12 Start: 11309, Stop: 12112, Start Num: 11

Candidate Starts for Mana_12:

(Start: 11 @11309 has 341 MA's), (23, 11330), (28, 11342), (33, 11354), (71, 11516), (87, 11585), (96, 11633), (111, 11705), (125, 11750), (131, 11774), (144, 11825), (164, 11879), (175, 11936), (188, 11975),

Gene: Manad_12 Start: 11153, Stop: 11956, Start Num: 11

Candidate Starts for Manad_12:

(Start: 11 @11153 has 341 MA's), (23, 11174), (28, 11186), (33, 11198), (71, 11360), (87, 11429), (96, 11477), (111, 11549), (125, 11594), (131, 11618), (144, 11669), (164, 11723), (175, 11780), (188, 11819),

Gene: Mao1_10 Start: 10771, Stop: 11619, Start Num: 18

Candidate Starts for Mao1_10:

(Start: 18 @10771 has 12 MA's), (24, 10786), (55, 10897), (58, 10909), (66, 10942), (87, 11044), (96, 11092), (108, 11140), (111, 11164), (124, 11206), (131, 11233), (152, 11308), (156, 11314), (164, 11344), (166, 11359), (170, 11377), (189, 11443), (197, 11455), (202, 11479), (207, 11500), (215, 11533),

Gene: Mariokart_12 Start: 11678, Stop: 12469, Start Num: 11

Candidate Starts for Mariokart_12:

(Start: 11 @11678 has 341 MA's), (28, 11714), (46, 11768), (58, 11834), (90, 11972), (127, 12128), (166, 12272), (187, 12350), (207, 12413),

Gene: Marley1013_15 Start: 13924, Stop: 14733, Start Num: 15

Candidate Starts for Marley1013_15:

(Start: 15 @13924 has 48 MA's), (40, 13987), (55, 14050), (76, 14146), (85, 14194), (87, 14200), (96, 14248), (111, 14320), (119, 14350), (127, 14371), (141, 14431), (149, 14452), (166, 14518), (207, 14659), (208, 14662),

Gene: Marlia_15 Start: 13126, Stop: 13935, Start Num: 15

Candidate Starts for Marlia_15:

(Start: 15 @13126 has 48 MA's), (40, 13189), (55, 13252), (76, 13348), (85, 13396), (87, 13402), (96, 13450), (111, 13522), (119, 13552), (127, 13573), (141, 13633), (149, 13654), (166, 13720), (207, 13861), (208, 13864),

Gene: Maru_12 Start: 11307, Stop: 12110, Start Num: 11

Candidate Starts for Maru_12:

(Start: 11 @11307 has 341 MA's), (23, 11328), (28, 11340), (33, 11352), (71, 11514), (87, 11583), (96, 11631), (111, 11703), (125, 11748), (131, 11772), (144, 11823), (164, 11877), (175, 11934), (188, 11973),

Gene: Mask_11 Start: 10772, Stop: 11620, Start Num: 18

Candidate Starts for Mask_11:

(Start: 18 @10772 has 12 MA's), (24, 10787), (55, 10898), (58, 10910), (66, 10943), (87, 11045), (96, 11093), (108, 11141), (111, 11165), (124, 11207), (131, 11234), (152, 11309), (156, 11315), (164, 11345), (166, 11360), (170, 11378), (189, 11444), (197, 11456), (202, 11480), (207, 11501), (215, 11534),

Gene: Maskar_12 Start: 11149, Stop: 11946, Start Num: 11

Candidate Starts for Maskar_12:

(Start: 11 @11149 has 341 MA's), (23, 11170), (28, 11182), (33, 11194), (87, 11425), (96, 11473), (111, 11545), (125, 11590), (131, 11614), (144, 11665), (164, 11719), (175, 11776), (188, 11815),

Gene: MasterPo_16 Start: 14532, Stop: 15350, Start Num: 9

Candidate Starts for MasterPo_16:

(Start: 9 @14532 has 34 MA's), (55, 14676), (72, 14757), (84, 14811), (85, 14817), (97, 14877), (107, 14916), (112, 14955), (127, 14994), (154, 15090), (166, 15138), (175, 15180), (187, 15216), (208, 15282),

Gene: Matalotodo_13 Start: 11603, Stop: 12400, Start Num: 11

Candidate Starts for Matalotodo_13:

(Start: 11 @11603 has 341 MA's), (23, 11624), (28, 11636), (33, 11648), (71, 11810), (87, 11879), (96, 11927), (111, 11999), (125, 12044), (131, 12068), (144, 12119), (164, 12173), (175, 12230), (188, 12269),

Gene: McKinley_22 Start: 17230, Stop: 18060, Start Num: 13

Candidate Starts for McKinley_22:

(Start: 13 @17230 has 44 MA's), (20, 17239), (53, 17344), (74, 17434), (87, 17488), (92, 17512), (105, 17575), (112, 17623), (120, 17650), (127, 17680), (157, 17779), (167, 17827), (177, 17884), (183, 17908), (186, 17914), (201, 17983), (205, 17995), (209, 18013), (211, 18028),

Gene: Mcshane_12 Start: 11309, Stop: 12106, Start Num: 11

Candidate Starts for Mcshane_12:

(Start: 11 @11309 has 341 MA's), (23, 11330), (28, 11342), (33, 11354), (71, 11516), (87, 11585), (96, 11633), (111, 11705), (125, 11750), (131, 11774), (144, 11825), (164, 11879), (175, 11936), (188, 11975),

Gene: Mecca_12 Start: 11306, Stop: 12103, Start Num: 11

Candidate Starts for Mecca_12:

(Start: 11 @11306 has 341 MA's), (23, 11327), (28, 11339), (33, 11351), (71, 11513), (87, 11582), (96, 11630), (111, 11702), (125, 11747), (131, 11771), (144, 11822), (164, 11876), (175, 11933), (188, 11972),

Gene: Megabear_10 Start: 12673, Stop: 13449, Start Num: 18

Candidate Starts for Megabear_10:

(Start: 18 @12673 has 12 MA's), (28, 12694), (30, 12697), (36, 12715), (46, 12748), (56, 12802), (58, 12808), (66, 12841), (96, 12988), (102, 13012), (103, 13018), (124, 13102), (148, 13186), (160, 13228), (187, 13333), (191, 13339), (208, 13399),

Gene: Megamind20_13 Start: 11310, Stop: 12113, Start Num: 11

Candidate Starts for Megamind20_13:

(Start: 11 @11310 has 341 MA's), (23, 11331), (28, 11343), (33, 11355), (71, 11517), (87, 11586), (96, 11634), (111, 11706), (125, 11751), (131, 11775), (144, 11826), (164, 11880), (175, 11937), (188, 11976),

Gene: Megatron_13 Start: 11602, Stop: 12405, Start Num: 11

Candidate Starts for Megatron_13:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: MelBins_23 Start: 17556, Stop: 18386, Start Num: 10

Candidate Starts for MelBins_23:

(Start: 10 @17556 has 15 MA's), (12, 17562), (25, 17589), (27, 17595), (44, 17649), (87, 17820), (89, 17832), (112, 17955), (139, 18057), (159, 18111), (165, 18141), (167, 18156), (177, 18213), (205, 18324),

Gene: Melc17_13 Start: 11599, Stop: 12396, Start Num: 11

Candidate Starts for Melc17_13:

(Start: 11 @11599 has 341 MA's), (23, 11620), (28, 11632), (33, 11644), (71, 11806), (87, 11875), (96, 11923), (111, 11995), (125, 12040), (131, 12064), (144, 12115), (164, 12169), (175, 12226), (188, 12265),

Gene: MelsMeow_12 Start: 11155, Stop: 11952, Start Num: 11

Candidate Starts for MelsMeow_12:

(Start: 11 @11155 has 341 MA's), (23, 11176), (28, 11188), (33, 11200), (87, 11431), (96, 11479), (111, 11551), (125, 11596), (131, 11620), (144, 11671), (164, 11725), (175, 11782), (188, 11821),

Gene: Mesh1_13 Start: 11605, Stop: 12408, Start Num: 11

Candidate Starts for Mesh1_13:

(Start: 11 @11605 has 341 MA's), (23, 11626), (28, 11638), (33, 11650), (71, 11812), (87, 11881), (96, 11929), (111, 12001), (125, 12046), (131, 12070), (144, 12121), (164, 12175), (175, 12232), (188, 12271),

Gene: Mesmerelda_13 Start: 11309, Stop: 12106, Start Num: 11

Candidate Starts for Mesmerelda_13:

(Start: 11 @11309 has 341 MA's), (23, 11330), (28, 11342), (33, 11354), (71, 11516), (87, 11585), (96, 11633), (111, 11705), (125, 11750), (131, 11774), (144, 11825), (164, 11879), (175, 11936), (188, 11975),

Gene: MichaelPhcott_12 Start: 11161, Stop: 11958, Start Num: 11

Candidate Starts for MichaelPhcott_12:

(Start: 11 @11161 has 341 MA's), (23, 11182), (28, 11194), (33, 11206), (87, 11437), (96, 11485), (111, 11557), (125, 11602), (131, 11626), (144, 11677), (164, 11731), (175, 11788), (188, 11827),

Gene: Mikota_13 Start: 11600, Stop: 12403, Start Num: 11

Candidate Starts for Mikota_13:

(Start: 11 @11600 has 341 MA's), (23, 11621), (28, 11633), (33, 11645), (71, 11807), (87, 11876), (96, 11924), (111, 11996), (125, 12041), (131, 12065), (144, 12116), (164, 12170), (175, 12227), (188, 12266),

Gene: Mimi_82 Start: 49627, Stop: 50496, Start Num: 11

Candidate Starts for Mimi_82:

(Start: 11 @49627 has 341 MA's), (60, 49792), (176, 50311), (181, 50329),

Gene: MiniBoss_13 Start: 11602, Stop: 12405, Start Num: 11

Candidate Starts for MiniBoss_13:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: MitKao_13 Start: 11309, Stop: 12112, Start Num: 11

Candidate Starts for MitKao_13:

(Start: 11 @11309 has 341 MA's), (23, 11330), (28, 11342), (33, 11354), (71, 11516), (87, 11585), (96, 11633), (111, 11705), (125, 11750), (131, 11774), (144, 11825), (164, 11879), (175, 11936), (188, 11975),

Gene: Mithril_13 Start: 13346, Stop: 14140, Start Num: 11

Candidate Starts for Mithril_13:

(Start: 11 @13346 has 341 MA's), (23, 13367), (28, 13379), (55, 13478), (85, 13616), (96, 13670), (101, 13691), (106, 13712), (108, 13718), (111, 13742), (127, 13805), (138, 13847), (166, 13943), (175, 13985), (189, 14027), (204, 14069), (215, 14117),

Gene: MmasiCarm_15 Start: 13137, Stop: 13946, Start Num: 15

Candidate Starts for MmasiCarm_15:

(Start: 15 @13137 has 48 MA's), (40, 13200), (55, 13263), (76, 13359), (85, 13407), (87, 13413), (96, 13461), (111, 13533), (119, 13563), (127, 13584), (141, 13644), (149, 13665), (166, 13731), (207, 13872), (208, 13875),

Gene: MoontowerMania_20 Start: 16210, Stop: 17040, Start Num: 13

Candidate Starts for MoontowerMania_20:

(Start: 13 @16210 has 44 MA's), (20, 16219), (53, 16324), (74, 16414), (87, 16468), (92, 16492), (105, 16555), (112, 16603), (120, 16630), (127, 16660), (157, 16759), (167, 16807), (177, 16864), (183, 16888), (186, 16894), (201, 16963), (205, 16975), (209, 16993), (211, 17008),

Gene: Morgushi_13 Start: 11307, Stop: 12110, Start Num: 11

Candidate Starts for Morgushi_13:

(Start: 11 @11307 has 341 MA's), (23, 11328), (28, 11340), (33, 11352), (71, 11514), (87, 11583), (96, 11631), (111, 11703), (125, 11748), (131, 11772), (144, 11823), (164, 11877), (175, 11934), (188, 11973),

Gene: Mortcellus_14 Start: 13778, Stop: 14587, Start Num: 15

Candidate Starts for Mortcellus_14:

(Start: 15 @13778 has 48 MA's), (40, 13841), (55, 13904), (76, 14000), (85, 14048), (87, 14054), (96, 14102), (111, 14174), (119, 14204), (127, 14225), (141, 14285), (149, 14306), (166, 14372), (207, 14513), (208, 14516),

Gene: Morty_13 Start: 11599, Stop: 12402, Start Num: 11

Candidate Starts for Morty_13:

(Start: 11 @11599 has 341 MA's), (23, 11620), (28, 11632), (33, 11644), (71, 11806), (87, 11875), (96, 11923), (111, 11995), (125, 12040), (131, 12064), (144, 12115), (164, 12169), (175, 12226), (188, 12265),

Gene: Morty007_15 Start: 13924, Stop: 14733, Start Num: 15

Candidate Starts for Morty007_15:

(Start: 15 @13924 has 48 MA's), (40, 13987), (55, 14050), (76, 14146), (85, 14194), (87, 14200), (96, 14248), (111, 14320), (119, 14350), (127, 14371), (141, 14431), (149, 14452), (166, 14518), (207, 14659), (208, 14662),

Gene: Mosaic_12 Start: 11310, Stop: 12113, Start Num: 11

Candidate Starts for Mosaic_12:

(Start: 11 @11310 has 341 MA's), (23, 11331), (28, 11343), (33, 11355), (71, 11517), (87, 11586), (96, 11634), (111, 11706), (125, 11751), (131, 11775), (144, 11826), (164, 11880), (175, 11937), (188, 11976),

Gene: MossRose_14 Start: 13114, Stop: 13887, Start Num: 11

Candidate Starts for MossRose_14:

(Start: 11 @13114 has 341 MA's), (55, 13246), (108, 13477), (124, 13543), (127, 13552), (166, 13696), (204, 13822), (207, 13837),

Gene: MrPhizzler_12 Start: 11302, Stop: 12105, Start Num: 11

Candidate Starts for MrPhizzler_12:

(Start: 11 @11302 has 341 MA's), (23, 11323), (28, 11335), (33, 11347), (71, 11509), (87, 11578), (96, 11626), (111, 11698), (125, 11743), (131, 11767), (144, 11818), (164, 11872), (175, 11929), (188, 11968),

Gene: Mudslide_13 Start: 13594, Stop: 14388, Start Num: 11

Candidate Starts for Mudslide_13:

(Start: 11 @13594 has 341 MA's), (23, 13615), (28, 13627), (55, 13726), (85, 13864), (96, 13918), (101, 13939), (106, 13960), (108, 13966), (111, 13990), (127, 14053), (138, 14095), (166, 14191), (167, 14194), (175, 14233), (189, 14275), (204, 14317), (215, 14365),

Gene: Mulan_12 Start: 11309, Stop: 12106, Start Num: 11

Candidate Starts for Mulan_12:

(Start: 11 @11309 has 341 MA's), (23, 11330), (28, 11342), (33, 11354), (71, 11516), (87, 11585), (96, 11633), (111, 11705), (125, 11750), (131, 11774), (144, 11825), (164, 11879), (175, 11936), (188, 11975),

Gene: Murdoc_13 Start: 11602, Stop: 12399, Start Num: 11

Candidate Starts for Murdoc_13:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: Mutante_12 Start: 11306, Stop: 12109, Start Num: 11

Candidate Starts for Mutante_12:

(Start: 11 @11306 has 341 MA's), (23, 11327), (28, 11339), (33, 11351), (71, 11513), (87, 11582), (96, 11630), (111, 11702), (125, 11747), (131, 11771), (144, 11822), (164, 11876), (175, 11933), (188, 11972),

Gene: Mutzi_22 Start: 14224, Stop: 15036, Start Num: 22

Candidate Starts for Mutzi_22:

(Start: 22 @14224 has 30 MA's), (48, 14305), (84, 14455), (112, 14602), (122, 14638), (156, 14752), (217, 15022),

Gene: Mysterious_14 Start: 13592, Stop: 14398, Start Num: 11

Candidate Starts for Mysterious_14:

(Start: 11 @13592 has 341 MA's), (23, 13604), (49, 13682), (86, 13886), (87, 13889), (96, 13937), (101, 13958), (111, 14009), (129, 14072), (150, 14144), (166, 14201), (202, 14321),

Gene: NHagos_12 Start: 11599, Stop: 12372, Start Num: 11

Candidate Starts for NHagos_12:

(Start: 11 @11599 has 341 MA's), (28, 11629), (47, 11686), (55, 11731), (67, 11785), (127, 12037), (166, 12181), (202, 12301), (208, 12325),

Gene: Nacho_0013 Start: 11602, Stop: 12405, Start Num: 11

Candidate Starts for Nacho_0013:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: Nanao_12 Start: 12252, Stop: 13046, Start Num: 11

Candidate Starts for Nanao_12:

(Start: 11 @12252 has 341 MA's), (23, 12273), (26, 12282), (45, 12339), (55, 12384), (85, 12522), (96, 12576), (101, 12597), (106, 12618), (108, 12624), (127, 12711), (138, 12753), (166, 12849), (170, 12867), (175, 12891), (189, 12933), (204, 12975), (215, 13023),

Gene: Nangang_14 Start: 13334, Stop: 14140, Start Num: 11

Candidate Starts for Nangang_14:

(Start: 11 @13334 has 341 MA's), (49, 13424), (86, 13628), (103, 13709), (111, 13751), (129, 13814), (133, 13826), (150, 13886), (166, 13943), (175, 13985), (202, 14063), (215, 14117),

Gene: Nathan_14 Start: 11600, Stop: 12403, Start Num: 11

Candidate Starts for Nathan_14:

(Start: 11 @11600 has 341 MA's), (23, 11621), (28, 11633), (33, 11645), (71, 11807), (87, 11876), (96, 11924), (111, 11996), (125, 12041), (131, 12065), (144, 12116), (164, 12170), (175, 12227), (188, 12266),

Gene: Natkenzie_22 Start: 17540, Stop: 18364, Start Num: 21

Candidate Starts for Natkenzie_22:

(Start: 21 @17540 has 9 MA's), (44, 17612), (61, 17678), (77, 17753), (87, 17795), (99, 17852), (112, 17924), (118, 17945), (123, 17966), (139, 18026), (142, 18047), (152, 18068), (157, 18077), (162, 18098), (167, 18125), (177, 18182), (183, 18206), (186, 18212), (193, 18233), (204, 18290), (210, 18314),

Gene: Nehemiah_13 Start: 13592, Stop: 14398, Start Num: 11

Candidate Starts for Nehemiah_13:

(Start: 11 @13592 has 341 MA's), (23, 13604), (49, 13682), (86, 13886), (87, 13889), (96, 13937), (101, 13958), (111, 14009), (129, 14072), (150, 14144), (166, 14201), (202, 14321),

Gene: Neos5_15 Start: 13930, Stop: 14739, Start Num: 15

Candidate Starts for Neos5_15:

(Start: 15 @13930 has 48 MA's), (40, 13993), (55, 14056), (76, 14152), (85, 14200), (87, 14206), (96, 14254), (111, 14326), (119, 14356), (127, 14377), (141, 14437), (149, 14458), (166, 14524), (207, 14665), (208, 14668),

Gene: Newman_13 Start: 11602, Stop: 12405, Start Num: 11

Candidate Starts for Newman_13:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188,

12268),

Gene: Nicole21_13 Start: 11600, Stop: 12397, Start Num: 11

Candidate Starts for Nicole21_13:

(Start: 11 @11600 has 341 MA's), (23, 11621), (28, 11633), (33, 11645), (71, 11807), (87, 11876), (96, 11924), (111, 11996), (125, 12041), (131, 12065), (144, 12116), (164, 12170), (175, 12227), (188, 12266),

Gene: Nigel_11 Start: 12164, Stop: 12961, Start Num: 11

Candidate Starts for Nigel_11:

(Start: 11 @12164 has 341 MA's), (23, 12182), (26, 12191), (45, 12248), (55, 12293), (85, 12431), (96, 12485), (101, 12506), (106, 12527), (108, 12533), (138, 12662), (164, 12749), (166, 12764), (170, 12782), (175, 12806), (189, 12848), (204, 12890), (215, 12938),

Gene: Nordenberg_16 Start: 15524, Stop: 16354, Start Num: 13

Candidate Starts for Nordenberg_16:

(Start: 13 @15524 has 44 MA's), (20, 15533), (53, 15638), (74, 15728), (87, 15782), (92, 15806), (105, 15869), (112, 15917), (120, 15944), (127, 15974), (157, 16073), (167, 16121), (177, 16178), (183, 16202), (186, 16208), (201, 16277), (205, 16289), (209, 16307), (211, 16322),

Gene: Nozo_15 Start: 13905, Stop: 14714, Start Num: 15

Candidate Starts for Nozo_15:

(Start: 15 @13905 has 48 MA's), (40, 13968), (55, 14031), (76, 14127), (85, 14175), (87, 14181), (96, 14229), (111, 14301), (119, 14331), (127, 14352), (141, 14412), (149, 14433), (166, 14499), (207, 14640), (208, 14643),

Gene: Nubi_20 Start: 13852, Stop: 14664, Start Num: 22

Candidate Starts for Nubi_20:

(Start: 22 @13852 has 30 MA's), (48, 13933), (84, 14083), (112, 14230), (122, 14266), (156, 14380), (217, 14650),

Gene: Numberten_13 Start: 11605, Stop: 12408, Start Num: 11

Candidate Starts for Numberten_13:

(Start: 11 @11605 has 341 MA's), (23, 11626), (28, 11638), (33, 11650), (71, 11812), (87, 11881), (96, 11929), (111, 12001), (125, 12046), (131, 12070), (144, 12121), (164, 12175), (175, 12232), (188, 12271),

Gene: Nyala_12 Start: 11310, Stop: 12107, Start Num: 11

Candidate Starts for Nyala_12:

(Start: 11 @11310 has 341 MA's), (23, 11331), (28, 11343), (33, 11355), (71, 11517), (87, 11586), (96, 11634), (111, 11706), (125, 11751), (131, 11775), (144, 11826), (164, 11880), (175, 11937), (188, 11976),

Gene: OSmaximus_13 Start: 11600, Stop: 12403, Start Num: 11

Candidate Starts for OSmaximus_13:

(Start: 11 @11600 has 341 MA's), (23, 11621), (28, 11633), (33, 11645), (71, 11807), (87, 11876), (96, 11924), (111, 11996), (125, 12041), (131, 12065), (144, 12116), (164, 12170), (175, 12227), (188, 12266),

Gene: Obutu_15 Start: 13135, Stop: 13944, Start Num: 15

Candidate Starts for Obutu_15:

(Start: 15 @13135 has 48 MA's), (40, 13198), (55, 13261), (76, 13357), (85, 13405), (87, 13411), (96, 13459), (111, 13531), (119, 13561), (127, 13582), (141, 13642), (149, 13663), (166, 13729), (207,

13870), (208, 13873),

Gene: Olak_12 Start: 11307, Stop: 12104, Start Num: 11

Candidate Starts for Olak_12:

(Start: 11 @11307 has 341 MA's), (23, 11328), (28, 11340), (33, 11352), (71, 11514), (87, 11583), (96, 11631), (111, 11703), (125, 11748), (131, 11772), (144, 11823), (164, 11877), (175, 11934), (188, 11973),

Gene: Oline_12 Start: 11161, Stop: 11958, Start Num: 11

Candidate Starts for Oline_12:

(Start: 11 @11161 has 341 MA's), (23, 11182), (28, 11194), (33, 11206), (71, 11368), (87, 11437), (96, 11485), (111, 11557), (125, 11602), (131, 11626), (144, 11677), (164, 11731), (175, 11788), (188, 11827),

Gene: Olive_13 Start: 11599, Stop: 12402, Start Num: 11

Candidate Starts for Olive_13:

(Start: 11 @11599 has 341 MA's), (23, 11620), (28, 11632), (33, 11644), (87, 11875), (96, 11923), (111, 11995), (125, 12040), (131, 12064), (144, 12115), (164, 12169), (175, 12226), (188, 12265),

Gene: OliverWalter_13 Start: 11598, Stop: 12401, Start Num: 11

Candidate Starts for OliverWalter_13:

(Start: 11 @11598 has 341 MA's), (23, 11619), (28, 11631), (33, 11643), (71, 11805), (87, 11874), (96, 11922), (111, 11994), (125, 12039), (131, 12063), (144, 12114), (164, 12168), (175, 12225), (188, 12264),

Gene: Olivio_14 Start: 12989, Stop: 13798, Start Num: 15

Candidate Starts for Olivio_14:

(Start: 15 @12989 has 48 MA's), (40, 13052), (55, 13115), (76, 13211), (85, 13259), (87, 13265), (96, 13313), (111, 13385), (119, 13415), (122, 13418), (127, 13436), (141, 13496), (149, 13517), (166, 13583), (207, 13724), (208, 13727),

Gene: Omniscient_13 Start: 11605, Stop: 12408, Start Num: 11

Candidate Starts for Omniscient_13:

(Start: 11 @11605 has 341 MA's), (23, 11626), (28, 11638), (33, 11650), (71, 11812), (87, 11881), (96, 11929), (111, 12001), (125, 12046), (131, 12070), (144, 12121), (164, 12175), (175, 12232), (188, 12271),

Gene: Oosterbaan_13 Start: 11603, Stop: 12400, Start Num: 11

Candidate Starts for Oosterbaan_13:

(Start: 11 @11603 has 341 MA's), (23, 11624), (28, 11636), (33, 11648), (71, 11810), (87, 11879), (96, 11927), (111, 11999), (125, 12044), (131, 12068), (144, 12119), (164, 12173), (175, 12230), (188, 12269),

Gene: Opia_16 Start: 14532, Stop: 15350, Start Num: 9

Candidate Starts for Opia_16:

(Start: 9 @14532 has 34 MA's), (55, 14676), (72, 14757), (84, 14811), (85, 14817), (97, 14877), (107, 14916), (112, 14955), (127, 14994), (154, 15090), (166, 15138), (175, 15180), (187, 15216), (208, 15282),

Gene: OrangeOswald_15 Start: 13140, Stop: 13949, Start Num: 15

Candidate Starts for OrangeOswald_15:

(Start: 15 @13140 has 48 MA's), (40, 13203), (55, 13266), (76, 13362), (85, 13410), (87, 13416), (96, 13464), (111, 13536), (119, 13566), (127, 13587), (141, 13647), (149, 13668), (166, 13734), (207,

13875), (208, 13878),

Gene: Orfeu_12 Start: 11308, Stop: 12105, Start Num: 11

Candidate Starts for Orfeu_12:

(Start: 11 @11308 has 341 MA's), (23, 11329), (28, 11341), (33, 11353), (87, 11584), (96, 11632), (111, 11704), (125, 11749), (131, 11773), (144, 11824), (164, 11878), (175, 11935), (188, 11974),

Gene: Orion_13 Start: 11603, Stop: 12400, Start Num: 11

Candidate Starts for Orion_13:

(Start: 11 @11603 has 341 MA's), (23, 11624), (28, 11636), (33, 11648), (71, 11810), (87, 11879), (96, 11927), (111, 11999), (125, 12044), (131, 12068), (144, 12119), (164, 12173), (175, 12230), (188, 12269),

Gene: Orwigg_12 Start: 11313, Stop: 12110, Start Num: 11

Candidate Starts for Orwigg_12:

(Start: 11 @11313 has 341 MA's), (23, 11334), (28, 11346), (33, 11358), (71, 11520), (87, 11589), (96, 11637), (111, 11709), (125, 11754), (131, 11778), (144, 11829), (164, 11883), (175, 11940), (188, 11979),

Gene: PG1_13 Start: 11603, Stop: 12406, Start Num: 11

Candidate Starts for PG1_13:

(Start: 11 @11603 has 341 MA's), (23, 11624), (28, 11636), (33, 11648), (71, 11810), (87, 11879), (96, 11927), (111, 11999), (125, 12044), (131, 12068), (144, 12119), (164, 12173), (175, 12230), (188, 12269),

Gene: PR_10 Start: 12685, Stop: 13461, Start Num: 18

Candidate Starts for PR_10:

(Start: 18 @12685 has 12 MA's), (28, 12706), (30, 12709), (36, 12727), (46, 12760), (56, 12814), (58, 12820), (66, 12853), (96, 13000), (102, 13024), (103, 13030), (124, 13114), (148, 13198), (160, 13240), (187, 13345), (191, 13351), (208, 13411),

Gene: Pacifista_12 Start: 11306, Stop: 12103, Start Num: 11

Candidate Starts for Pacifista_12:

(Start: 11 @11306 has 341 MA's), (23, 11327), (28, 11339), (33, 11351), (71, 11513), (87, 11582), (96, 11630), (111, 11702), (125, 11747), (131, 11771), (144, 11822), (164, 11876), (175, 11933), (188, 11972),

Gene: Panchaali_80 Start: 46724, Stop: 47593, Start Num: 11

Candidate Starts for Panchaali_80:

(Start: 11 @46724 has 341 MA's), (33, 46769), (43, 46805), (120, 47186), (142, 47276), (176, 47408), (216, 47561),

Gene: Paries_22 Start: 16892, Stop: 17722, Start Num: 13

Candidate Starts for Paries_22:

(Start: 13 @16892 has 44 MA's), (20, 16901), (53, 17006), (74, 17096), (81, 17120), (92, 17174), (105, 17237), (112, 17285), (120, 17312), (127, 17342), (157, 17441), (167, 17489), (177, 17546), (186, 17576), (201, 17645), (205, 17657), (209, 17675), (211, 17690),

Gene: Patbob_83 Start: 50499, Stop: 51368, Start Num: 11

Candidate Starts for Patbob_83:

(Start: 11 @50499 has 341 MA's), (60, 50664), (176, 51183), (181, 51201),

Gene: PauloDiaboli_89 Start: 46349, Stop: 47230, Start Num: 11

Candidate Starts for PauloDiaboli_89:

(Start: 11 @46349 has 341 MA's), (38, 46412), (43, 46424), (88, 46661), (116, 46799), (122, 46814), (140, 46892), (169, 46994), (196, 47117), (199, 47132),

Gene: PenguinLover67_16 Start: 14236, Stop: 15033, Start Num: 5

Candidate Starts for PenguinLover67_16:

(Start: 5 @14236 has 2 MA's), (23, 14275), (28, 14287), (55, 14383), (73, 14470), (82, 14506), (85, 14518), (103, 14602), (127, 14704), (133, 14725), (166, 14842), (173, 14878), (175, 14884), (204, 14968), (212, 15007), (215, 15016),

Gene: Phaedrus_14 Start: 13057, Stop: 13866, Start Num: 15

Candidate Starts for Phaedrus_14:

(Start: 15 @13057 has 48 MA's), (40, 13120), (55, 13183), (76, 13279), (85, 13327), (87, 13333), (96, 13381), (111, 13453), (119, 13483), (127, 13504), (141, 13564), (149, 13585), (166, 13651), (207, 13792), (208, 13795),

Gene: Phamished_13 Start: 11602, Stop: 12405, Start Num: 11

Candidate Starts for Phamished_13:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: Phantasmagoria_16 Start: 14532, Stop: 15350, Start Num: 9

Candidate Starts for Phantasmagoria_16:

(Start: 9 @14532 has 34 MA's), (55, 14676), (72, 14757), (84, 14811), (85, 14817), (97, 14877), (107, 14916), (112, 14955), (127, 14994), (154, 15090), (166, 15138), (175, 15180), (187, 15216), (208, 15282),

Gene: Phareon_13 Start: 11309, Stop: 12112, Start Num: 11

Candidate Starts for Phareon_13:

(Start: 11 @11309 has 341 MA's), (23, 11330), (28, 11342), (33, 11354), (71, 11516), (87, 11585), (96, 11633), (111, 11705), (125, 11750), (131, 11774), (144, 11825), (164, 11879), (175, 11936), (188, 11975),

Gene: PhatCats2014_13 Start: 11606, Stop: 12409, Start Num: 11

Candidate Starts for PhatCats2014_13:

(Start: 11 @11606 has 341 MA's), (23, 11627), (28, 11639), (33, 11651), (71, 11813), (87, 11882), (96, 11930), (111, 12002), (125, 12047), (131, 12071), (144, 12122), (164, 12176), (175, 12233), (188, 12272),

Gene: PhatLouie_13 Start: 11602, Stop: 12399, Start Num: 11

Candidate Starts for PhatLouie_13:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: Phauci_15 Start: 13922, Stop: 14752, Start Num: 10

Candidate Starts for Phauci_15:

(Start: 10 @13922 has 15 MA's), (12, 13928), (25, 13955), (27, 13961), (44, 14015), (87, 14186), (89, 14198), (105, 14273), (112, 14321), (139, 14423), (159, 14477), (167, 14522), (177, 14579), (205, 14690),

Gene: Phayeta_15 Start: 13016, Stop: 13825, Start Num: 15

Candidate Starts for Phayeta_15:

(Start: 15 @13016 has 48 MA's), (40, 13079), (55, 13142), (76, 13238), (85, 13286), (87, 13292), (96, 13340), (111, 13412), (119, 13442), (127, 13463), (141, 13523), (149, 13544), (166, 13610), (207, 13751), (208, 13754),

Gene: PhedwardCullen_26 Start: 15600, Stop: 16247, Start Num: 75

Candidate Starts for PhedwardCullen_26:

(29, 15417), (Start: 59 @15528 has 1 MA's), (Start: 75 @15600 has 1 MA's), (87, 15660), (112, 15810), (120, 15837), (124, 15861), (128, 15876), (139, 15915), (140, 15924), (142, 15936), (201, 16158), (214, 16212),

Gene: Phelemich_14 Start: 13595, Stop: 14401, Start Num: 11

Candidate Starts for Phelemich_14:

(Start: 11 @13595 has 341 MA's), (23, 13607), (49, 13685), (86, 13889), (87, 13892), (96, 13940), (101, 13961), (111, 14012), (129, 14075), (150, 14147), (166, 14204), (202, 14324),

Gene: PhenghisKhan_12 Start: 11161, Stop: 11958, Start Num: 11

Candidate Starts for PhenghisKhan_12:

(Start: 11 @11161 has 341 MA's), (23, 11182), (28, 11194), (33, 11206), (87, 11437), (96, 11485), (111, 11557), (125, 11602), (131, 11626), (144, 11677), (164, 11731), (175, 11788), (188, 11827),

Gene: Pherdinand_13 Start: 11600, Stop: 12403, Start Num: 11

Candidate Starts for Pherdinand_13:

(Start: 11 @11600 has 341 MA's), (23, 11621), (28, 11633), (33, 11645), (71, 11807), (87, 11876), (96, 11924), (111, 11996), (125, 12041), (131, 12065), (144, 12116), (164, 12170), (175, 12227), (188, 12266),

Gene: Phergie_12 Start: 11155, Stop: 11952, Start Num: 11

Candidate Starts for Phergie_12:

(Start: 11 @11155 has 341 MA's), (23, 11176), (28, 11188), (33, 11200), (87, 11431), (96, 11479), (111, 11551), (125, 11596), (131, 11620), (144, 11671), (164, 11725), (175, 11782), (188, 11821),

Gene: Philly_14 Start: 13006, Stop: 13815, Start Num: 15

Candidate Starts for Philly_14:

(Start: 15 @13006 has 48 MA's), (40, 13069), (55, 13132), (76, 13228), (85, 13276), (87, 13282), (96, 13330), (111, 13402), (119, 13432), (122, 13435), (127, 13453), (141, 13513), (149, 13534), (166, 13600), (207, 13741), (208, 13744),

Gene: Phinally_22 Start: 17352, Stop: 18182, Start Num: 10

Candidate Starts for Phinally_22:

(Start: 10 @17352 has 15 MA's), (12, 17358), (25, 17385), (27, 17391), (44, 17445), (87, 17616), (89, 17628), (105, 17703), (112, 17751), (139, 17853), (159, 17907), (165, 17937), (167, 17952), (177, 18009), (205, 18120),

Gene: Phipps_13 Start: 11593, Stop: 12396, Start Num: 11

Candidate Starts for Phipps_13:

(Start: 11 @11593 has 341 MA's), (23, 11614), (28, 11626), (33, 11638), (71, 11800), (87, 11869), (96, 11917), (111, 11989), (125, 12034), (131, 12058), (144, 12109), (164, 12163), (175, 12220), (188, 12259),

Gene: Phleuron_12 Start: 11161, Stop: 11958, Start Num: 11

Candidate Starts for Phleuron_12:

(Start: 11 @11161 has 341 MA's), (23, 11182), (28, 11194), (33, 11206), (87, 11437), (96, 11485), (111, 11557), (125, 11602), (131, 11626), (144, 11677), (164, 11731), (175, 11788), (188, 11827),

Gene: Phlop_20 Start: 13916, Stop: 14728, Start Num: 22

Candidate Starts for Phlop_20:

(Start: 22 @13916 has 30 MA's), (48, 13997), (84, 14147), (112, 14294), (122, 14330), (156, 14444), (217, 14714),

Gene: Phlyer_15 Start: 13874, Stop: 14683, Start Num: 15

Candidate Starts for Phlyer_15:

(Start: 15 @13874 has 48 MA's), (40, 13937), (55, 14000), (76, 14096), (85, 14144), (87, 14150), (96, 14198), (111, 14270), (119, 14300), (127, 14321), (141, 14381), (149, 14402), (166, 14468), (207, 14609), (208, 14612),

Gene: Phrampa_76 Start: 47201, Stop: 48070, Start Num: 11

Candidate Starts for Phrampa_76:

(Start: 11 @47201 has 341 MA's), (54, 47333), (60, 47366), (176, 47885), (184, 47909), (188, 47924),

Gene: PhrankReynolds_12 Start: 11161, Stop: 11958, Start Num: 11

Candidate Starts for PhrankReynolds_12:

(Start: 11 @11161 has 341 MA's), (23, 11182), (28, 11194), (33, 11206), (87, 11437), (96, 11485), (111, 11557), (125, 11602), (131, 11626), (144, 11677), (164, 11731), (175, 11788), (188, 11827),

Gene: PhrodoBaggins_12 Start: 11602, Stop: 12399, Start Num: 11

Candidate Starts for PhrodoBaggins_12:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: Phunky_13 Start: 11602, Stop: 12399, Start Num: 11

Candidate Starts for Phunky_13:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: PierreOrion_28 Start: 15938, Stop: 16657, Start Num: 59

Candidate Starts for PierreOrion_28:

(29, 15827), (Start: 59 @15938 has 1 MA's), (Start: 75 @16010 has 1 MA's), (87, 16070), (112, 16220), (120, 16247), (124, 16271), (128, 16286), (139, 16325), (140, 16334), (142, 16346), (201, 16568), (214, 16622),

Gene: Piglet_0012 Start: 11605, Stop: 12408, Start Num: 11

Candidate Starts for Piglet_0012:

(Start: 11 @11605 has 341 MA's), (23, 11626), (28, 11638), (33, 11650), (71, 11812), (87, 11881), (96, 11929), (111, 12001), (125, 12046), (131, 12070), (144, 12121), (164, 12175), (175, 12232), (188, 12271),

Gene: PinheadLarry_13 Start: 11309, Stop: 12112, Start Num: 11

Candidate Starts for PinheadLarry_13:

(Start: 11 @11309 has 341 MA's), (23, 11330), (28, 11342), (33, 11354), (71, 11516), (87, 11585), (96, 11633), (111, 11705), (125, 11750), (131, 11774), (144, 11825), (164, 11879), (175, 11936), (188, 11975),

Gene: PinkCoffee_22 Start: 14509, Stop: 15321, Start Num: 22

Candidate Starts for PinkCoffee_22:

(Start: 22 @14509 has 30 MA's), (48, 14590), (84, 14740), (112, 14887), (122, 14923), (156, 15037), (217, 15307),

Gene: Pinkman_12 Start: 11161, Stop: 11958, Start Num: 11

Candidate Starts for Pinkman_12:

(Start: 11 @11161 has 341 MA's), (23, 11182), (28, 11194), (33, 11206), (87, 11437), (96, 11485), (111, 11557), (125, 11602), (131, 11626), (144, 11677), (164, 11731), (175, 11788), (188, 11827),

Gene: Pipefish_15 Start: 14024, Stop: 14833, Start Num: 15

Candidate Starts for Pipefish_15:

(Start: 15 @14024 has 48 MA's), (40, 14087), (55, 14150), (76, 14246), (85, 14294), (87, 14300), (96, 14348), (111, 14420), (119, 14450), (122, 14453), (127, 14471), (141, 14531), (149, 14552), (166, 14618), (207, 14759), (208, 14762),

Gene: Pipsqueak_13 Start: 11602, Stop: 12405, Start Num: 11

Candidate Starts for Pipsqueak_13:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: Placalicious_12 Start: 11309, Stop: 12106, Start Num: 11

Candidate Starts for Placalicious_12:

(Start: 11 @11309 has 341 MA's), (23, 11330), (28, 11342), (33, 11354), (71, 11516), (87, 11585), (96, 11633), (111, 11705), (125, 11750), (131, 11774), (144, 11825), (164, 11879), (175, 11936), (188, 11975),

Gene: Plata_13 Start: 11305, Stop: 12108, Start Num: 11

Candidate Starts for Plata_13:

(Start: 11 @11305 has 341 MA's), (23, 11326), (28, 11338), (33, 11350), (71, 11512), (87, 11581), (96, 11629), (111, 11701), (125, 11746), (131, 11770), (144, 11821), (164, 11875), (175, 11932), (188, 11971),

Gene: Plmatters_13 Start: 11602, Stop: 12405, Start Num: 11

Candidate Starts for Plmatters_13:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: Podrick_13 Start: 11605, Stop: 12408, Start Num: 11

Candidate Starts for Podrick_13:

(Start: 11 @11605 has 341 MA's), (23, 11626), (28, 11638), (33, 11650), (71, 11812), (87, 11881), (96, 11929), (111, 12001), (125, 12046), (131, 12070), (144, 12121), (164, 12175), (175, 12232), (188, 12271),

Gene: Pops_13 Start: 11599, Stop: 12402, Start Num: 11

Candidate Starts for Pops_13:

(Start: 11 @11599 has 341 MA's), (23, 11620), (28, 11632), (33, 11644), (71, 11806), (87, 11875), (96, 11923), (111, 11995), (125, 12040), (131, 12064), (144, 12115), (164, 12169), (175, 12226), (188, 12265),

Gene: Portcullis_20 Start: 13859, Stop: 14671, Start Num: 22

Candidate Starts for Portcullis_20:

(Start: 22 @13859 has 30 MA's), (48, 13940), (84, 14090), (112, 14237), (122, 14273), (156, 14387), (217, 14657),

Gene: Poster_12 Start: 12252, Stop: 13046, Start Num: 11

Candidate Starts for Poster_12:

(Start: 11 @12252 has 341 MA's), (23, 12273), (26, 12282), (45, 12339), (55, 12384), (85, 12522), (96, 12576), (101, 12597), (106, 12618), (108, 12624), (127, 12711), (138, 12753), (166, 12849), (170, 12867), (175, 12891), (189, 12933), (204, 12975), (215, 13023),

Gene: Potter_12 Start: 11310, Stop: 12113, Start Num: 11

Candidate Starts for Potter_12:

(Start: 11 @11310 has 341 MA's), (23, 11331), (28, 11343), (33, 11355), (71, 11517), (87, 11586), (96, 11634), (111, 11706), (125, 11751), (131, 11775), (144, 11826), (164, 11880), (175, 11937), (188, 11976),

Gene: Prickles_13 Start: 11608, Stop: 12411, Start Num: 11

Candidate Starts for Prickles_13:

(Start: 11 @11608 has 341 MA's), (23, 11629), (28, 11641), (33, 11653), (71, 11815), (87, 11884), (96, 11932), (111, 12004), (125, 12049), (131, 12073), (144, 12124), (164, 12178), (175, 12235), (188, 12274),

Gene: Prince_13 Start: 13506, Stop: 14300, Start Num: 11

Candidate Starts for Prince_13:

(Start: 11 @13506 has 341 MA's), (23, 13527), (28, 13539), (55, 13638), (85, 13776), (96, 13830), (101, 13851), (106, 13872), (108, 13878), (111, 13902), (127, 13965), (138, 14007), (166, 14103), (167, 14106), (175, 14145), (189, 14187), (204, 14229), (215, 14277),

Gene: PrinceCharming_16 Start: 14652, Stop: 15470, Start Num: 9

Candidate Starts for PrinceCharming_16:

(Start: 9 @14652 has 34 MA's), (55, 14796), (56, 14802), (84, 14931), (85, 14937), (97, 14997), (107, 15036), (112, 15075), (127, 15114), (154, 15210), (166, 15258), (175, 15300), (187, 15336), (208, 15402),

Gene: ProfessorX_13 Start: 11600, Stop: 12397, Start Num: 11

Candidate Starts for ProfessorX_13:

(Start: 11 @11600 has 341 MA's), (23, 11621), (28, 11633), (33, 11645), (71, 11807), (87, 11876), (96, 11924), (111, 11996), (125, 12041), (131, 12065), (144, 12116), (164, 12170), (175, 12227), (188, 12266),

Gene: Puhltonio_13 Start: 11593, Stop: 12396, Start Num: 11

Candidate Starts for Puhltonio_13:

(Start: 11 @11593 has 341 MA's), (23, 11614), (28, 11626), (33, 11638), (71, 11800), (87, 11869), (96, 11917), (111, 11989), (125, 12034), (131, 12058), (144, 12109), (164, 12163), (175, 12220), (188, 12259),

Gene: PullumCavea_20 Start: 13916, Stop: 14728, Start Num: 22

Candidate Starts for PullumCavea_20:

(Start: 22 @13916 has 30 MA's), (48, 13997), (84, 14147), (112, 14294), (122, 14330), (156, 14444), (217, 14714),

Gene: Pumpernickel_86 Start: 47559, Stop: 48443, Start Num: 11

Candidate Starts for Pumpernickel_86:

(Start: 11 @47559 has 341 MA's), (38, 47625), (41, 47634), (79, 47835), (88, 47874), (140, 48105), (142, 48117), (182, 48285), (192, 48309), (195, 48327), (196, 48330),

Gene: QueenBeane_13 Start: 11602, Stop: 12399, Start Num: 11

Candidate Starts for QueenBeane_13:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: QueenPie_13 Start: 13850, Stop: 14644, Start Num: 11

Candidate Starts for QueenPie_13:

(Start: 11 @13850 has 341 MA's), (23, 13871), (28, 13883), (45, 13937), (55, 13982), (85, 14120), (96, 14174), (101, 14195), (106, 14216), (108, 14222), (138, 14351), (166, 14447), (170, 14465), (175, 14489), (204, 14573), (215, 14621),

Gene: Quesadilla_15 Start: 14040, Stop: 14831, Start Num: 7

Candidate Starts for Quesadilla_15:

(Start: 7 @14040 has 1 MA's), (28, 14085), (55, 14181), (73, 14268), (82, 14304), (85, 14316), (103, 14400), (127, 14502), (133, 14523), (137, 14541), (173, 14676), (175, 14682), (215, 14814),

Gene: Quisquilliae_13 Start: 11605, Stop: 12408, Start Num: 11

Candidate Starts for Quisquilliae_13:

(Start: 11 @11605 has 341 MA's), (23, 11626), (28, 11638), (33, 11650), (71, 11812), (87, 11881), (96, 11929), (111, 12001), (125, 12046), (131, 12070), (144, 12121), (164, 12175), (175, 12232), (188, 12271),

Gene: Qyrzula_15 Start: 14622, Stop: 15440, Start Num: 9

Candidate Starts for Qyrzula_15:

(Start: 9 @14622 has 34 MA's), (55, 14766), (72, 14847), (84, 14901), (85, 14907), (97, 14967), (107, 15006), (112, 15045), (127, 15084), (154, 15180), (166, 15228), (175, 15270), (187, 15306), (208, 15372),

Gene: Racecar_83 Start: 50280, Stop: 51149, Start Num: 11

Candidate Starts for Racecar_83:

(Start: 11 @50280 has 341 MA's), (60, 50445), (176, 50964), (181, 50982),

Gene: RagingRooster_15 Start: 13141, Stop: 13950, Start Num: 15

Candidate Starts for RagingRooster_15:

(Start: 15 @13141 has 48 MA's), (40, 13204), (55, 13267), (76, 13363), (85, 13411), (87, 13417), (96, 13465), (111, 13537), (119, 13567), (127, 13588), (141, 13648), (149, 13669), (166, 13735), (207, 13876), (208, 13879),

Gene: RawrgerThat_13 Start: 13340, Stop: 14134, Start Num: 11

Candidate Starts for RawrgerThat_13:

(Start: 11 @13340 has 341 MA's), (23, 13361), (28, 13373), (55, 13472), (85, 13610), (96, 13664), (101, 13685), (106, 13706), (108, 13712), (111, 13736), (127, 13799), (138, 13841), (166, 13937), (175, 13979), (189, 14021), (204, 14063), (215, 14111),

Gene: RedMaple_12 Start: 11596, Stop: 12399, Start Num: 11

Candidate Starts for RedMaple_12:

(Start: 11 @11596 has 341 MA's), (23, 11617), (28, 11629), (33, 11641), (71, 11803), (87, 11872), (96, 11920), (111, 11992), (125, 12037), (131, 12061), (144, 12112), (164, 12166), (175, 12223), (188, 12262),

Gene: ReginaGlobina_82 Start: 49757, Stop: 50629, Start Num: 11

Candidate Starts for ReginaGlobina_82:

(Start: 11 @49757 has 341 MA's), (33, 49802), (120, 50219), (176, 50444),

Gene: Reprorate_14 Start: 13592, Stop: 14398, Start Num: 11

Candidate Starts for Reprorate_14:

(Start: 11 @13592 has 341 MA's), (23, 13604), (49, 13682), (86, 13886), (87, 13889), (96, 13937), (101, 13958), (111, 14009), (129, 14072), (150, 14144), (166, 14201), (202, 14321),

Gene: Rhinoforte_16 Start: 14649, Stop: 15467, Start Num: 9

Candidate Starts for Rhinoforte_16:

(Start: 9 @14649 has 34 MA's), (55, 14793), (72, 14874), (84, 14928), (85, 14934), (97, 14994), (107, 15033), (112, 15072), (127, 15111), (154, 15207), (166, 15255), (175, 15297), (187, 15333), (208, 15399),

Gene: Ribeye_22 Start: 17792, Stop: 18619, Start Num: 13

Candidate Starts for Ribeye_22:

(Start: 13 @17792 has 44 MA's), (20, 17801), (53, 17903), (74, 17993), (105, 18134), (112, 18182), (125, 18233), (139, 18287), (157, 18338), (161, 18356), (167, 18386), (171, 18407), (177, 18443), (186, 18473), (205, 18554), (209, 18572), (211, 18587), (217, 18605),

Gene: Rich_14 Start: 13348, Stop: 14154, Start Num: 11

Candidate Starts for Rich_14:

(Start: 11 @13348 has 341 MA's), (24, 13363), (35, 13390), (42, 13414), (49, 13438), (86, 13642), (87, 13645), (103, 13723), (110, 13753), (111, 13765), (129, 13828), (133, 13840), (166, 13957), (175, 13999), (189, 14041), (202, 14077),

Gene: Ricotta_12 Start: 11308, Stop: 12111, Start Num: 11

Candidate Starts for Ricotta_12:

(Start: 11 @11308 has 341 MA's), (23, 11329), (28, 11341), (33, 11353), (71, 11515), (87, 11584), (96, 11632), (111, 11704), (125, 11749), (131, 11773), (144, 11824), (164, 11878), (175, 11935), (188, 11974),

Gene: Riggan_13 Start: 11606, Stop: 12403, Start Num: 11

Candidate Starts for Riggan_13:

(Start: 11 @11606 has 341 MA's), (23, 11627), (28, 11639), (33, 11651), (71, 11813), (87, 11882), (96, 11930), (111, 12002), (125, 12047), (131, 12071), (144, 12122), (164, 12176), (175, 12233), (188, 12272),

Gene: Rimu_12 Start: 11302, Stop: 12105, Start Num: 11

Candidate Starts for Rimu_12:

(Start: 11 @11302 has 341 MA's), (23, 11323), (28, 11335), (33, 11347), (71, 11509), (87, 11578), (96, 11626), (111, 11698), (125, 11743), (131, 11767), (144, 11818), (164, 11872), (175, 11929), (188, 11968),

Gene: Rinkes_18 Start: 15361, Stop: 16194, Start Num: 11

Candidate Starts for Rinkes_18:

(Start: 11 @15361 has 341 MA's), (28, 15397), (52, 15475), (109, 15769), (115, 15805), (127, 15841), (137, 15880), (150, 15925), (152, 15931), (162, 15958), (172, 16015), (197, 16087), (207, 16132),

Gene: Rita130_14 Start: 13350, Stop: 14156, Start Num: 11

Candidate Starts for Rita130_14:

(Start: 11 @13350 has 341 MA's), (24, 13365), (35, 13392), (42, 13416), (49, 13440), (103, 13725), (111, 13767), (115, 13785), (122, 13803), (129, 13830), (133, 13842), (166, 13959), (170, 13977), (189, 14043), (202, 14079),

Gene: Rita1961_15 Start: 13135, Stop: 13944, Start Num: 15

Candidate Starts for Rita1961_15:

(Start: 15 @13135 has 48 MA's), (40, 13198), (55, 13261), (76, 13357), (85, 13405), (87, 13411), (96, 13459), (111, 13531), (119, 13561), (127, 13582), (141, 13642), (149, 13663), (166, 13729), (207, 13870), (208, 13873),

Gene: RiverRaider_22 Start: 16175, Stop: 17002, Start Num: 16

Candidate Starts for RiverRaider_22:

(Start: 13 @16172 has 44 MA's), (Start: 16 @16175 has 1 MA's), (20, 16181), (53, 16286), (105, 16517), (112, 16565), (125, 16616), (157, 16721), (161, 16739), (162, 16742), (167, 16769), (177, 16826), (183, 16850), (185, 16853), (186, 16856), (199, 16913), (205, 16937), (209, 16955),

Gene: Riverton_12 Start: 11602, Stop: 12405, Start Num: 11

Candidate Starts for Riverton_12:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: RoadKill_19 Start: 15230, Stop: 16060, Start Num: 10

Candidate Starts for RoadKill_19:

(Start: 10 @15230 has 15 MA's), (Start: 59 @15386 has 1 MA's), (62, 15398), (83, 15476), (100, 15560), (110, 15602), (112, 15629), (139, 15731), (142, 15752), (157, 15782), (183, 15911), (186, 15917), (193, 15938), (205, 15998),

Gene: Robyn_12 Start: 11157, Stop: 11960, Start Num: 11

Candidate Starts for Robyn_12:

(Start: 11 @11157 has 341 MA's), (23, 11178), (28, 11190), (33, 11202), (71, 11364), (87, 11433), (96, 11481), (111, 11553), (125, 11598), (131, 11622), (144, 11673), (164, 11727), (175, 11784), (188, 11823),

Gene: Rockabye_84 Start: 52456, Stop: 53328, Start Num: 11

Candidate Starts for Rockabye_84:

(Start: 11 @52456 has 341 MA's), (66, 52648), (113, 52897), (176, 53143), (181, 53161),

Gene: Rofo_21 Start: 17144, Stop: 17974, Start Num: 13

Candidate Starts for Rofo_21:

(Start: 13 @17144 has 44 MA's), (20, 17153), (53, 17258), (74, 17348), (87, 17402), (92, 17426), (105, 17489), (112, 17537), (120, 17564), (127, 17594), (157, 17693), (167, 17741), (177, 17798), (183, 17822), (186, 17828), (201, 17897), (205, 17909), (209, 17927), (211, 17942),

Gene: RogerDodger_23 Start: 14709, Stop: 15521, Start Num: 22

Candidate Starts for RogerDodger_23:

(Start: 22 @14709 has 30 MA's), (48, 14790), (84, 14940), (112, 15087), (122, 15123), (156, 15237), (217, 15507),

Gene: Roliet_13 Start: 11602, Stop: 12405, Start Num: 11

Candidate Starts for Roliet_13:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188,

12268),

Gene: RomaT_15 Start: 13921, Stop: 14730, Start Num: 15

Candidate Starts for RomaT_15:

(Start: 15 @13921 has 48 MA's), (40, 13984), (55, 14047), (76, 14143), (85, 14191), (87, 14197), (96, 14245), (111, 14317), (119, 14347), (122, 14350), (127, 14368), (141, 14428), (149, 14449), (166, 14515), (207, 14656), (208, 14659),

Gene: Roscoe_14 Start: 11837, Stop: 12634, Start Num: 11

Candidate Starts for Roscoe_14:

(Start: 11 @11837 has 341 MA's), (23, 11858), (28, 11870), (33, 11882), (71, 12044), (87, 12113), (96, 12161), (111, 12233), (125, 12278), (131, 12302), (144, 12353), (164, 12407), (175, 12464), (188, 12503),

Gene: Rosebush_16 Start: 14649, Stop: 15467, Start Num: 9

Candidate Starts for Rosebush_16:

(Start: 9 @14649 has 34 MA's), (55, 14793), (72, 14874), (84, 14928), (85, 14934), (97, 14994), (107, 15033), (112, 15072), (127, 15111), (154, 15207), (166, 15255), (175, 15297), (187, 15333), (208, 15399),

Gene: Roy17_13 Start: 11310, Stop: 12107, Start Num: 11

Candidate Starts for Roy17_13:

(Start: 11 @11310 has 341 MA's), (23, 11331), (28, 11343), (33, 11355), (87, 11586), (96, 11634), (111, 11706), (125, 11751), (131, 11775), (144, 11826), (164, 11880), (175, 11937), (188, 11976),

Gene: SDcharge11_13 Start: 11595, Stop: 12398, Start Num: 11

Candidate Starts for SDcharge11_13:

(Start: 11 @11595 has 341 MA's), (23, 11616), (28, 11628), (33, 11640), (71, 11802), (87, 11871), (96, 11919), (111, 11991), (125, 12036), (131, 12060), (144, 12111), (164, 12165), (175, 12222), (188, 12261),

Gene: SJReid_87 Start: 51543, Stop: 52412, Start Num: 11

Candidate Starts for SJReid_87:

(Start: 11 @51543 has 341 MA's), (113, 51981), (123, 52011), (163, 52158), (176, 52227),

Gene: Sabella_16 Start: 14535, Stop: 15353, Start Num: 9

Candidate Starts for Sabella_16:

(Start: 9 @14535 has 34 MA's), (55, 14679), (72, 14760), (84, 14814), (85, 14820), (97, 14880), (107, 14919), (112, 14958), (127, 14997), (154, 15093), (166, 15141), (175, 15183), (187, 15219), (208, 15285),

Gene: Saguaro_15 Start: 14245, Stop: 15039, Start Num: 8

Candidate Starts for Saguaro_15:

(Start: 8 @14245 has 1 MA's), (12, 14260), (28, 14287), (46, 14341), (81, 14497), (82, 14506), (85, 14518), (96, 14572), (107, 14617), (121, 14683), (135, 14731), (144, 14773), (175, 14884), (204, 14968), (207, 14983), (215, 15016),

Gene: Salvador_20 Start: 13830, Stop: 14642, Start Num: 22

Candidate Starts for Salvador_20:

(Start: 22 @13830 has 30 MA's), (48, 13911), (84, 14061), (112, 14208), (122, 14244), (156, 14358), (217, 14628),

Gene: Samaymay_13 Start: 11602, Stop: 12399, Start Num: 11

Candidate Starts for Samaymay_13:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: Sampson_22 Start: 17485, Stop: 18309, Start Num: 21

Candidate Starts for Sampson_22:

(Start: 21 @17485 has 9 MA's), (44, 17557), (61, 17623), (77, 17698), (87, 17740), (99, 17797), (112, 17869), (118, 17890), (123, 17911), (139, 17971), (142, 17992), (152, 18013), (157, 18022), (162, 18043), (167, 18070), (177, 18127), (183, 18151), (186, 18157), (193, 18178), (204, 18235), (210, 18259),

Gene: Sanjuju_19 Start: 16656, Stop: 17486, Start Num: 13

Candidate Starts for Sanjuju_19:

(Start: 13 @16656 has 44 MA's), (20, 16665), (53, 16770), (74, 16860), (87, 16914), (92, 16938), (105, 17001), (112, 17049), (120, 17076), (157, 17205), (167, 17253), (177, 17310), (183, 17334), (186, 17340), (201, 17409), (205, 17421), (209, 17439), (211, 17454),

Gene: Saronaya_21 Start: 16571, Stop: 17398, Start Num: 13

Candidate Starts for Saronaya_21:

(Start: 13 @16571 has 44 MA's), (20, 16580), (53, 16682), (74, 16772), (105, 16913), (112, 16961), (125, 17012), (139, 17066), (157, 17117), (161, 17135), (167, 17165), (171, 17186), (177, 17222), (186, 17252), (205, 17333), (209, 17351), (211, 17366),

Gene: SassyCat97_12 Start: 11309, Stop: 12106, Start Num: 11

Candidate Starts for SassyCat97_12:

(Start: 11 @11309 has 341 MA's), (23, 11330), (28, 11342), (33, 11354), (71, 11516), (87, 11585), (96, 11633), (111, 11705), (125, 11750), (131, 11774), (144, 11825), (164, 11879), (175, 11936), (188, 11975),

Gene: Savbucketdawg_20 Start: 13611, Stop: 14423, Start Num: 22

Candidate Starts for Savbucketdawg_20:

(Start: 22 @13611 has 30 MA's), (48, 13692), (84, 13842), (112, 13989), (122, 14025), (156, 14139), (217, 14409),

Gene: Schadenfreude_12 Start: 11147, Stop: 11950, Start Num: 11

Candidate Starts for Schadenfreude_12:

(Start: 11 @11147 has 341 MA's), (23, 11168), (28, 11180), (33, 11192), (71, 11354), (87, 11423), (96, 11471), (111, 11543), (125, 11588), (131, 11612), (144, 11663), (164, 11717), (175, 11774), (188, 11813),

Gene: SchottB_20 Start: 17572, Stop: 18399, Start Num: 13

Candidate Starts for SchottB_20:

(Start: 13 @17572 has 44 MA's), (20, 17581), (53, 17683), (81, 17797), (105, 17914), (112, 17962), (125, 18013), (139, 18067), (157, 18118), (161, 18136), (167, 18166), (171, 18187), (177, 18223), (186, 18253), (205, 18334), (209, 18352), (211, 18367),

Gene: Schueller_12 Start: 11306, Stop: 12103, Start Num: 11

Candidate Starts for Schueller_12:

(Start: 11 @11306 has 341 MA's), (23, 11327), (28, 11339), (33, 11351), (71, 11513), (87, 11582), (96, 11630), (111, 11702), (125, 11747), (131, 11771), (144, 11822), (164, 11876), (175, 11933), (188, 11972),

Gene: Scioto_22 Start: 17540, Stop: 18364, Start Num: 21

Candidate Starts for Scioto_22:

(Start: 21 @17540 has 9 MA's), (44, 17612), (61, 17678), (77, 17753), (87, 17795), (99, 17852), (112, 17924), (118, 17945), (123, 17966), (139, 18026), (142, 18047), (152, 18068), (157, 18077), (162, 18098), (167, 18125), (177, 18182), (183, 18206), (186, 18212), (193, 18233), (204, 18290), (210, 18314),

Gene: Scoot17C_13 Start: 11603, Stop: 12406, Start Num: 11

Candidate Starts for Scoot17C_13:

(Start: 11 @11603 has 341 MA's), (23, 11624), (28, 11636), (33, 11648), (71, 11810), (87, 11879), (96, 11927), (111, 11999), (125, 12044), (131, 12068), (144, 12119), (164, 12173), (175, 12230), (188, 12269),

Gene: Scrick_12 Start: 11310, Stop: 12113, Start Num: 11

Candidate Starts for Scrick_12:

(Start: 11 @11310 has 341 MA's), (23, 11331), (28, 11343), (33, 11355), (87, 11586), (96, 11634), (111, 11706), (125, 11751), (131, 11775), (144, 11826), (164, 11880), (175, 11937), (188, 11976),

Gene: Sedona_23 Start: 18961, Stop: 19791, Start Num: 13

Candidate Starts for Sedona_23:

(Start: 13 @18961 has 44 MA's), (20, 18970), (53, 19075), (74, 19165), (81, 19189), (87, 19219), (92, 19243), (105, 19306), (112, 19354), (120, 19381), (157, 19510), (167, 19558), (177, 19615), (183, 19639), (186, 19645), (201, 19714), (205, 19726), (209, 19744), (211, 19759),

Gene: Sejanus_11 Start: 11588, Stop: 12436, Start Num: 18

Candidate Starts for Sejanus_11:

(Start: 18 @11588 has 12 MA's), (24, 11603), (55, 11714), (58, 11726), (66, 11759), (87, 11861), (96, 11909), (108, 11957), (111, 11981), (124, 12023), (156, 12131), (166, 12176), (170, 12194), (189, 12260), (197, 12272), (202, 12296), (207, 12317), (215, 12350),

Gene: Selr12_13 Start: 11309, Stop: 12112, Start Num: 11

Candidate Starts for Selr12_13:

(Start: 11 @11309 has 341 MA's), (23, 11330), (28, 11342), (33, 11354), (71, 11516), (87, 11585), (96, 11633), (111, 11705), (125, 11750), (131, 11774), (144, 11825), (164, 11879), (175, 11936), (188, 11975),

Gene: Serendipitous_14 Start: 13398, Stop: 14204, Start Num: 11

Candidate Starts for Serendipitous_14:

(Start: 11 @13398 has 341 MA's), (49, 13488), (86, 13692), (103, 13773), (111, 13815), (122, 13851), (129, 13878), (150, 13950), (166, 14007), (175, 14049), (189, 14091), (202, 14127),

Gene: Serendipity_13 Start: 11605, Stop: 12408, Start Num: 11

Candidate Starts for Serendipity_13:

(Start: 11 @11605 has 341 MA's), (23, 11626), (28, 11638), (33, 11650), (71, 11812), (87, 11881), (96, 11929), (111, 12001), (125, 12046), (131, 12070), (144, 12121), (164, 12175), (175, 12232), (188, 12271),

Gene: Serpentine_0013 Start: 11605, Stop: 12408, Start Num: 11

Candidate Starts for Serpentine_0013:

(Start: 11 @11605 has 341 MA's), (23, 11626), (28, 11638), (33, 11650), (71, 11812), (87, 11881), (96, 11929), (111, 12001), (125, 12046), (131, 12070), (144, 12121), (164, 12175), (175, 12232), (188, 12271),

Gene: Shatter_12 Start: 11636, Stop: 12418, Start Num: 11

Candidate Starts for Shatter_12:

(Start: 11 @11636 has 341 MA's), (19, 11648), (46, 11726), (175, 12272), (178, 12287), (187, 12308), (202, 12350), (204, 12356), (212, 12395),

Gene: Sheila_13 Start: 11600, Stop: 12403, Start Num: 11

Candidate Starts for Sheila_13:

(Start: 11 @11600 has 341 MA's), (23, 11621), (28, 11633), (33, 11645), (71, 11807), (87, 11876), (96, 11924), (111, 11996), (125, 12041), (131, 12065), (144, 12116), (164, 12170), (175, 12227), (188, 12266),

Gene: Shenandoah_15 Start: 13119, Stop: 13928, Start Num: 15

Candidate Starts for Shenandoah_15:

(Start: 15 @13119 has 48 MA's), (40, 13182), (55, 13245), (76, 13341), (85, 13389), (87, 13395), (96, 13443), (111, 13515), (119, 13545), (122, 13548), (127, 13566), (141, 13626), (149, 13647), (166, 13713), (207, 13854), (208, 13857),

Gene: Shenyu_14 Start: 13334, Stop: 14140, Start Num: 11

Candidate Starts for Shenyu_14:

(Start: 11 @13334 has 341 MA's), (49, 13424), (86, 13628), (103, 13709), (111, 13751), (129, 13814), (133, 13826), (150, 13886), (166, 13943), (175, 13985), (202, 14063), (215, 14117),

Gene: ShiVal_13 Start: 11602, Stop: 12399, Start Num: 11

Candidate Starts for ShiVal_13:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: Shinji_20 Start: 13800, Stop: 14612, Start Num: 22

Candidate Starts for Shinji_20:

(Start: 22 @13800 has 30 MA's), (48, 13881), (84, 14031), (112, 14178), (122, 14214), (156, 14328), (217, 14598),

Gene: Shivanishola_21 Start: 16950, Stop: 17780, Start Num: 13

Candidate Starts for Shivanishola_21:

(Start: 13 @16950 has 44 MA's), (20, 16959), (53, 17064), (74, 17154), (87, 17208), (92, 17232), (105, 17295), (112, 17343), (120, 17370), (124, 17391), (127, 17400), (157, 17499), (167, 17547), (177, 17604), (183, 17628), (186, 17634), (201, 17703), (205, 17715), (209, 17733), (211, 17748),

Gene: Sigman_13 Start: 11599, Stop: 12396, Start Num: 11

Candidate Starts for Sigman_13:

(Start: 11 @11599 has 341 MA's), (23, 11620), (28, 11632), (33, 11644), (87, 11875), (96, 11923), (111, 11995), (125, 12040), (131, 12064), (144, 12115), (164, 12169), (175, 12226), (188, 12265),

Gene: SilverBell_13 Start: 11602, Stop: 12399, Start Num: 11

Candidate Starts for SilverBell_13:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: Simielle_12 Start: 11300, Stop: 12097, Start Num: 11

Candidate Starts for Simielle_12:

(Start: 11 @11300 has 341 MA's), (23, 11321), (28, 11333), (33, 11345), (71, 11507), (87, 11576), (96, 11624), (111, 11696), (125, 11741), (131, 11765), (144, 11816), (164, 11870), (175, 11927), (188,

11966),

Gene: SirBeauregard_12 Start: 11263, Stop: 12066, Start Num: 11

Candidate Starts for SirBeauregard_12:

(Start: 11 @11263 has 341 MA's), (23, 11284), (28, 11296), (33, 11308), (71, 11470), (87, 11539), (96, 11587), (111, 11659), (125, 11704), (131, 11728), (144, 11779), (164, 11833), (175, 11890), (188, 11929),

Gene: SirJeffery_14 Start: 13351, Stop: 14157, Start Num: 11

Candidate Starts for SirJeffery_14:

(Start: 11 @13351 has 341 MA's), (24, 13366), (35, 13393), (49, 13441), (103, 13726), (111, 13768), (115, 13786), (122, 13804), (129, 13831), (133, 13843), (150, 13903), (166, 13960), (170, 13978), (175, 14002), (189, 14044), (202, 14080),

Gene: Sisko_12 Start: 11968, Stop: 12750, Start Num: 11

Candidate Starts for Sisko_12:

(Start: 11 @11968 has 341 MA's), (28, 12007), (46, 12061), (97, 12301), (103, 12325), (139, 12463), (143, 12484), (170, 12580), (174, 12601), (178, 12619), (189, 12646), (212, 12727),

Gene: Sitar_23 Start: 18329, Stop: 19159, Start Num: 13

Candidate Starts for Sitar_23:

(Start: 13 @18329 has 44 MA's), (20, 18338), (53, 18443), (74, 18533), (81, 18557), (87, 18587), (92, 18611), (105, 18674), (112, 18722), (120, 18749), (157, 18878), (167, 18926), (177, 18983), (183, 19007), (186, 19013), (201, 19082), (205, 19094), (209, 19112), (211, 19127),

Gene: Skippy_13 Start: 11605, Stop: 12402, Start Num: 11

Candidate Starts for Skippy_13:

(Start: 11 @11605 has 341 MA's), (23, 11626), (28, 11638), (33, 11650), (71, 11812), (87, 11881), (96, 11929), (111, 12001), (125, 12046), (131, 12070), (144, 12121), (164, 12175), (175, 12232), (188, 12271),

Gene: Slatt_13 Start: 11607, Stop: 12410, Start Num: 11

Candidate Starts for Slatt_13:

(Start: 11 @11607 has 341 MA's), (23, 11628), (28, 11640), (33, 11652), (71, 11814), (87, 11883), (96, 11931), (111, 12003), (125, 12048), (131, 12072), (144, 12123), (164, 12177), (175, 12234), (188, 12273),

Gene: SlippinJimmy_15 Start: 13905, Stop: 14714, Start Num: 15

Candidate Starts for SlippinJimmy_15:

(Start: 15 @13905 has 48 MA's), (40, 13968), (55, 14031), (76, 14127), (85, 14175), (87, 14181), (96, 14229), (111, 14301), (119, 14331), (122, 14334), (127, 14352), (141, 14412), (149, 14433), (166, 14499), (207, 14640), (208, 14643),

Gene: SmokingBunny_20 Start: 13830, Stop: 14642, Start Num: 22

Candidate Starts for SmokingBunny_20:

(Start: 22 @13830 has 30 MA's), (48, 13911), (84, 14061), (112, 14208), (122, 14244), (156, 14358), (217, 14628),

Gene: Soile_13 Start: 11308, Stop: 12111, Start Num: 11

Candidate Starts for Soile_13:

(Start: 11 @11308 has 341 MA's), (23, 11329), (28, 11341), (33, 11353), (71, 11515), (87, 11584), (96, 11632), (111, 11704), (125, 11749), (131, 11773), (144, 11824), (164, 11878), (175, 11935), (188, 11974),

Gene: Solosis_12 Start: 11309, Stop: 12112, Start Num: 11

Candidate Starts for Solosis_12:

(Start: 11 @11309 has 341 MA's), (23, 11330), (28, 11342), (33, 11354), (71, 11516), (87, 11585), (96, 11633), (111, 11705), (125, 11750), (131, 11774), (144, 11825), (164, 11879), (175, 11936), (188, 11975),

Gene: Soos_41 Start: 24289, Stop: 25056, Start Num: 11

Candidate Starts for Soos_41:

(Start: 11 @24289 has 341 MA's), (39, 24355), (50, 24391), (91, 24562), (92, 24565), (124, 24715), (139, 24769), (178, 24925), (179, 24931), (207, 25009), (213, 25036),

Gene: Sophia_12 Start: 11309, Stop: 12106, Start Num: 11

Candidate Starts for Sophia_12:

(Start: 11 @11309 has 341 MA's), (23, 11330), (28, 11342), (33, 11354), (71, 11516), (87, 11585), (96, 11633), (111, 11705), (125, 11750), (131, 11774), (144, 11825), (164, 11879), (175, 11936), (188, 11975),

Gene: Soto_13 Start: 11599, Stop: 12402, Start Num: 11

Candidate Starts for Soto_13:

(Start: 11 @11599 has 341 MA's), (23, 11620), (28, 11632), (33, 11644), (71, 11806), (87, 11875), (96, 11923), (111, 11995), (125, 12040), (131, 12064), (144, 12115), (164, 12169), (175, 12226), (188, 12265),

Gene: Sour_15 Start: 13282, Stop: 14088, Start Num: 2

Candidate Starts for Sour_15:

(Start: 2 @13282 has 1 MA's), (Start: 11 @13324 has 341 MA's), (28, 13348), (44, 13399), (51, 13423), (55, 13447), (80, 13555), (97, 13639), (98, 13645), (124, 13747), (127, 13756), (143, 13822), (166, 13900), (174, 13939), (188, 13981),

Gene: Spartan300_13 Start: 11599, Stop: 12396, Start Num: 11

Candidate Starts for Spartan300_13:

(Start: 11 @11599 has 341 MA's), (23, 11620), (28, 11632), (33, 11644), (71, 11806), (87, 11875), (96, 11923), (111, 11995), (125, 12040), (131, 12064), (144, 12115), (164, 12169), (175, 12226), (188, 12265),

Gene: Squid_13 Start: 11309, Stop: 12106, Start Num: 11

Candidate Starts for Squid_13:

(Start: 11 @11309 has 341 MA's), (23, 11330), (28, 11342), (33, 11354), (71, 11516), (87, 11585), (96, 11633), (111, 11705), (125, 11750), (131, 11774), (144, 11825), (164, 11879), (175, 11936), (188, 11975),

Gene: Squiggle_13 Start: 11309, Stop: 12106, Start Num: 11

Candidate Starts for Squiggle_13:

(Start: 11 @11309 has 341 MA's), (23, 11330), (28, 11342), (33, 11354), (71, 11516), (87, 11585), (96, 11633), (111, 11705), (125, 11750), (131, 11774), (144, 11825), (164, 11879), (175, 11936), (188, 11975),

Gene: StAugustine_18 Start: 15471, Stop: 16352, Start Num: 11

Candidate Starts for StAugustine_18:

(Start: 11 @15471 has 341 MA's), (19, 15483), (86, 15759), (90, 15777), (124, 15924), (151, 16023), (153, 16029), (164, 16068), (166, 16083), (170, 16101), (173, 16119), (215, 16284),

Gene: Sting_44 Start: 24728, Stop: 25495, Start Num: 11

Candidate Starts for Sting_44:

(Start: 11 @24728 has 341 MA's), (39, 24794), (50, 24830), (91, 25001), (92, 25004), (124, 25154), (139, 25208), (178, 25364), (179, 25370), (207, 25448), (213, 25475),

Gene: Stinger_11 Start: 11803, Stop: 12600, Start Num: 11

Candidate Starts for Stinger_11:

(Start: 11 @11803 has 341 MA's), (26, 11830), (45, 11887), (55, 11932), (85, 12070), (96, 12124), (101, 12145), (106, 12166), (108, 12172), (111, 12196), (138, 12301), (164, 12388), (170, 12421), (175, 12445), (189, 12487), (204, 12529), (215, 12577),

Gene: StinkyVeggy_15 Start: 13490, Stop: 14296, Start Num: 11

Candidate Starts for StinkyVeggy_15:

(Start: 11 @13490 has 341 MA's), (86, 13784), (103, 13865), (111, 13907), (129, 13970), (133, 13982), (150, 14042), (166, 14099), (175, 14141), (202, 14219), (215, 14273),

Gene: StorminNorm_21 Start: 16451, Stop: 17278, Start Num: 13

Candidate Starts for StorminNorm_21:

(Start: 13 @16451 has 44 MA's), (20, 16460), (53, 16562), (57, 16589), (74, 16652), (81, 16676), (105, 16793), (112, 16841), (125, 16892), (139, 16946), (157, 16997), (161, 17015), (167, 17045), (171, 17066), (177, 17102), (186, 17132), (205, 17213), (209, 17231), (211, 17246),

Gene: Struggle_12 Start: 11155, Stop: 11952, Start Num: 11

Candidate Starts for Struggle_12:

(Start: 11 @11155 has 341 MA's), (23, 11176), (28, 11188), (33, 11200), (87, 11431), (96, 11479), (111, 11551), (125, 11596), (131, 11620), (144, 11671), (164, 11725), (175, 11782), (188, 11821),

Gene: Stultus_21 Start: 16940, Stop: 17770, Start Num: 13

Candidate Starts for Stultus_21:

(Start: 13 @16940 has 44 MA's), (20, 16949), (53, 17054), (74, 17144), (81, 17168), (87, 17198), (92, 17222), (105, 17285), (112, 17333), (120, 17360), (157, 17489), (167, 17537), (177, 17594), (183, 17618), (186, 17624), (201, 17693), (205, 17705), (209, 17723), (211, 17738),

Gene: Suffolk_13 Start: 11601, Stop: 12404, Start Num: 11

Candidate Starts for Suffolk_13:

(Start: 11 @11601 has 341 MA's), (23, 11622), (28, 11634), (33, 11646), (71, 11808), (87, 11877), (96, 11925), (111, 11997), (125, 12042), (131, 12066), (144, 12117), (164, 12171), (175, 12228), (188, 12267),

Gene: Suigeneris_14 Start: 13351, Stop: 14157, Start Num: 11

Candidate Starts for Suigeneris_14:

(Start: 11 @13351 has 341 MA's), (24, 13366), (35, 13393), (49, 13441), (103, 13726), (111, 13768), (115, 13786), (122, 13804), (129, 13831), (133, 13843), (150, 13903), (166, 13960), (170, 13978), (175, 14002), (189, 14044), (202, 14080),

Gene: Surely_13 Start: 11605, Stop: 12408, Start Num: 11

Candidate Starts for Surely_13:

(Start: 11 @11605 has 341 MA's), (23, 11626), (28, 11638), (33, 11650), (71, 11812), (87, 11881), (96, 11929), (111, 12001), (125, 12046), (131, 12070), (144, 12121), (164, 12175), (175, 12232), (188, 12271),

Gene: SwainyDoc_15 Start: 13138, Stop: 13947, Start Num: 15

Candidate Starts for SwainyDoc_15:

(Start: 15 @13138 has 48 MA's), (40, 13201), (55, 13264), (76, 13360), (85, 13408), (87, 13414), (96, 13462), (111, 13534), (119, 13564), (127, 13585), (141, 13645), (149, 13666), (166, 13732), (207, 13873), (208, 13876),

Gene: Swiphy_13 Start: 11602, Stop: 12399, Start Num: 11

Candidate Starts for Swiphy_13:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: Swish_13 Start: 11603, Stop: 12400, Start Num: 11

Candidate Starts for Swish_13:

(Start: 11 @11603 has 341 MA's), (23, 11624), (28, 11636), (33, 11648), (87, 11879), (96, 11927), (111, 11999), (125, 12044), (131, 12068), (144, 12119), (164, 12173), (175, 12230), (188, 12269),

Gene: SynergyX_15 Start: 13141, Stop: 13950, Start Num: 15

Candidate Starts for SynergyX_15:

(Start: 15 @13141 has 48 MA's), (40, 13204), (55, 13267), (76, 13363), (85, 13411), (87, 13417), (96, 13465), (111, 13537), (119, 13567), (127, 13588), (141, 13648), (149, 13669), (166, 13735), (207, 13876), (208, 13879),

Gene: TA17A_16 Start: 14532, Stop: 15350, Start Num: 9

Candidate Starts for TA17A_16:

(Start: 9 @14532 has 34 MA's), (55, 14676), (72, 14757), (84, 14811), (85, 14817), (97, 14877), (107, 14916), (112, 14955), (127, 14994), (154, 15090), (166, 15138), (175, 15180), (187, 15216), (208, 15282),

Gene: TPA2_22 Start: 14324, Stop: 15103, Start Num: 11

Candidate Starts for TPA2_22:

(1, 14264), (Start: 11 @14324 has 341 MA's), (28, 14357), (47, 14414), (111, 14711), (127, 14762), (148, 14837), (175, 14948), (197, 15002), (200, 15020), (204, 15032),

Gene: Talia1610_82 Start: 49645, Stop: 50514, Start Num: 11

Candidate Starts for Talia1610_82:

(Start: 11 @49645 has 341 MA's), (60, 49810), (176, 50329), (181, 50347),

Gene: TallGrassMM_13 Start: 11309, Stop: 12112, Start Num: 11

Candidate Starts for TallGrassMM_13:

(Start: 11 @11309 has 341 MA's), (23, 11330), (28, 11342), (33, 11354), (71, 11516), (87, 11585), (96, 11633), (111, 11705), (125, 11750), (131, 11774), (144, 11825), (164, 11879), (175, 11936), (188, 11975),

Gene: Tangent_19 Start: 16145, Stop: 16975, Start Num: 13

Candidate Starts for Tangent_19:

(Start: 13 @16145 has 44 MA's), (20, 16154), (53, 16259), (74, 16349), (87, 16403), (92, 16427), (105, 16490), (112, 16538), (120, 16565), (124, 16586), (127, 16595), (157, 16694), (167, 16742), (177, 16799), (183, 16823), (186, 16829), (201, 16898), (205, 16910), (209, 16928), (211, 16943),

Gene: Tangerine_21 Start: 16457, Stop: 17284, Start Num: 13

Candidate Starts for Tangerine_21:

(Start: 13 @16457 has 44 MA's), (20, 16466), (53, 16568), (57, 16595), (74, 16658), (81, 16682), (105, 16799), (112, 16847), (125, 16898), (139, 16952), (157, 17003), (161, 17021), (167, 17051), (171, 17072), (177, 17108), (186, 17138), (205, 17219), (209, 17237), (211, 17252),

Gene: Taptic_10 Start: 12673, Stop: 13449, Start Num: 18

Candidate Starts for Taptic_10:

(Start: 18 @12673 has 12 MA's), (28, 12694), (30, 12697), (36, 12715), (46, 12748), (56, 12802), (58, 12808), (66, 12841), (96, 12988), (102, 13012), (103, 13018), (124, 13102), (148, 13186), (160, 13228), (187, 13333), (191, 13339), (208, 13399),

Gene: Tardus_23 Start: 16820, Stop: 17644, Start Num: 21

Candidate Starts for Tardus_23:

(Start: 21 @16820 has 9 MA's), (44, 16892), (87, 17075), (99, 17132), (112, 17204), (118, 17225), (139, 17306), (142, 17327), (157, 17357), (162, 17378), (167, 17405), (177, 17462), (183, 17486), (186, 17492), (193, 17513), (204, 17570), (210, 17594),

Gene: Telesworld_12 Start: 11309, Stop: 12112, Start Num: 11

Candidate Starts for Telesworld_12:

(Start: 11 @11309 has 341 MA's), (23, 11330), (28, 11342), (33, 11354), (71, 11516), (87, 11585), (96, 11633), (111, 11705), (125, 11750), (131, 11774), (144, 11825), (164, 11879), (175, 11936), (188, 11975),

Gene: Thing3_22 Start: 17689, Stop: 18519, Start Num: 13

Candidate Starts for Thing3_22:

(Start: 13 @17689 has 44 MA's), (20, 17698), (53, 17803), (74, 17893), (87, 17947), (92, 17971), (105, 18034), (112, 18082), (120, 18109), (157, 18238), (167, 18286), (177, 18343), (183, 18367), (186, 18373), (201, 18442), (205, 18454), (209, 18472), (211, 18487),

Gene: Thonko_14 Start: 11261, Stop: 12043, Start Num: 11

Candidate Starts for Thonko_14:

(Start: 11 @11261 has 341 MA's), (23, 11273), (28, 11285), (96, 11579), (112, 11663), (131, 11732),

Gene: Thora_13 Start: 11599, Stop: 12402, Start Num: 11

Candidate Starts for Thora_13:

(Start: 11 @11599 has 341 MA's), (23, 11620), (28, 11632), (33, 11644), (71, 11806), (87, 11875), (96, 11923), (111, 11995), (125, 12040), (131, 12064), (144, 12115), (164, 12169), (175, 12226), (188, 12265),

Gene: ThreeOh3D2_13 Start: 11600, Stop: 12403, Start Num: 11

Candidate Starts for ThreeOh3D2_13:

(Start: 11 @11600 has 341 MA's), (23, 11621), (28, 11633), (33, 11645), (71, 11807), (87, 11876), (96, 11924), (111, 11996), (125, 12041), (131, 12065), (144, 12116), (164, 12170), (175, 12227), (188, 12266),

Gene: Thunderbird_12 Start: 11305, Stop: 12108, Start Num: 11

Candidate Starts for Thunderbird_12:

(Start: 11 @11305 has 341 MA's), (23, 11326), (28, 11338), (33, 11350), (71, 11512), (87, 11581), (96, 11629), (111, 11701), (125, 11746), (131, 11770), (144, 11821), (164, 11875), (175, 11932), (188, 11971),

Gene: Tiamoceli_22 Start: 16582, Stop: 17412, Start Num: 10

Candidate Starts for Tiamoceli_22:

(Start: 10 @16582 has 15 MA's), (Start: 59 @16738 has 1 MA's), (62, 16750), (83, 16828), (100, 16912), (110, 16954), (112, 16981), (139, 17083), (157, 17134), (183, 17263), (186, 17269), (193, 17290), (205, 17350), (208, 17365),

Gene: TillyBobJoe_20 Start: 13614, Stop: 14426, Start Num: 22

Candidate Starts for TillyBobJoe_20:

(Start: 22 @13614 has 30 MA's), (48, 13695), (84, 13845), (112, 13992), (122, 14028), (156, 14142), (217, 14412),

Gene: Timmi_12 Start: 11309, Stop: 12112, Start Num: 11

Candidate Starts for Timmi_12:

(Start: 11 @11309 has 341 MA's), (23, 11330), (28, 11342), (33, 11354), (71, 11516), (87, 11585), (96, 11633), (111, 11705), (125, 11750), (131, 11774), (144, 11825), (164, 11879), (175, 11936), (188, 11975),

Gene: Tinciduntolum_17 Start: 14651, Stop: 15469, Start Num: 9

Candidate Starts for Tinciduntolum_17:

(Start: 9 @14651 has 34 MA's), (55, 14795), (72, 14876), (84, 14930), (85, 14936), (97, 14996), (107, 15035), (112, 15074), (127, 15113), (154, 15209), (166, 15257), (175, 15299), (187, 15335), (208, 15401),

Gene: TinyTerror_15 Start: 13140, Stop: 13949, Start Num: 15

Candidate Starts for TinyTerror_15:

(Start: 15 @13140 has 48 MA's), (40, 13203), (55, 13266), (76, 13362), (85, 13410), (87, 13416), (96, 13464), (111, 13536), (119, 13566), (127, 13587), (141, 13647), (149, 13668), (166, 13734), (207, 13875), (208, 13878),

Gene: Togo_20 Start: 13830, Stop: 14642, Start Num: 22

Candidate Starts for Togo_20:

(Start: 22 @13830 has 30 MA's), (48, 13911), (84, 14061), (112, 14208), (122, 14244), (156, 14358), (217, 14628),

Gene: TomBombadil_13 Start: 11605, Stop: 12402, Start Num: 11

Candidate Starts for TomBombadil_13:

(Start: 11 @11605 has 341 MA's), (23, 11626), (28, 11638), (33, 11650), (71, 11812), (87, 11881), (96, 11929), (111, 12001), (125, 12046), (131, 12070), (144, 12121), (164, 12175), (175, 12232), (188, 12271),

Gene: Tomlarah_13 Start: 11602, Stop: 12399, Start Num: 11

Candidate Starts for Tomlarah_13:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: Toni_12 Start: 11313, Stop: 12110, Start Num: 11

Candidate Starts for Toni_12:

(Start: 11 @11313 has 341 MA's), (23, 11334), (28, 11346), (33, 11358), (71, 11520), (87, 11589), (96, 11637), (111, 11709), (125, 11754), (131, 11778), (144, 11829), (164, 11883), (175, 11940), (188, 11979),

Gene: Tonitrus_31 Start: 21138, Stop: 21920, Start Num: 11

Candidate Starts for Tonitrus_31:

(6, 21117), (Start: 11 @21138 has 341 MA's), (24, 21162), (34, 21186), (55, 21267), (87, 21399), (108, 21495), (124, 21579), (129, 21597), (136, 21624), (139, 21633), (155, 21687), (161, 21708), (180, 21795), (197, 21828), (209, 21879),

Gene: TooFast2Furius_14 Start: 11837, Stop: 12640, Start Num: 11

Candidate Starts for TooFast2Furius_14:

(Start: 11 @11837 has 341 MA's), (23, 11858), (28, 11870), (33, 11882), (71, 12044), (87, 12113), (96, 12161), (111, 12233), (125, 12278), (131, 12302), (144, 12353), (164, 12407), (175, 12464), (188, 12503),

Gene: Tooj_13 Start: 11603, Stop: 12406, Start Num: 11

Candidate Starts for Tooj_13:

(Start: 11 @11603 has 341 MA's), (23, 11624), (28, 11636), (33, 11648), (71, 11810), (87, 11879), (96, 11927), (111, 11999), (125, 12044), (131, 12068), (144, 12119), (164, 12173), (175, 12230), (188, 12269),

Gene: Tres_16 Start: 14532, Stop: 15350, Start Num: 9

Candidate Starts for Tres_16:

(Start: 9 @14532 has 34 MA's), (55, 14676), (72, 14757), (84, 14811), (85, 14817), (97, 14877), (107, 14916), (112, 14955), (127, 14994), (154, 15090), (166, 15138), (175, 15180), (187, 15216), (208, 15282),

Gene: True_12 Start: 11310, Stop: 12107, Start Num: 11

Candidate Starts for True_12:

(Start: 11 @11310 has 341 MA's), (23, 11331), (28, 11343), (33, 11355), (87, 11586), (96, 11634), (111, 11706), (125, 11751), (131, 11775), (144, 11826), (164, 11880), (175, 11937), (188, 11976),

Gene: Trypo_13 Start: 11599, Stop: 12396, Start Num: 11

Candidate Starts for Trypo_13:

(Start: 11 @11599 has 341 MA's), (23, 11620), (28, 11632), (33, 11644), (71, 11806), (87, 11875), (96, 11923), (111, 11995), (125, 12040), (131, 12064), (144, 12115), (164, 12169), (175, 12226), (188, 12265),

Gene: Twister6_22 Start: 14256, Stop: 15068, Start Num: 22

Candidate Starts for Twister6_22:

(Start: 22 @14256 has 30 MA's), (48, 14337), (84, 14487), (112, 14634), (122, 14670), (156, 14784), (217, 15054),

Gene: Twonlo_19 Start: 15199, Stop: 16029, Start Num: 10

Candidate Starts for Twonlo_19:

(Start: 10 @15199 has 15 MA's), (Start: 59 @15355 has 1 MA's), (62, 15367), (83, 15445), (93, 15490), (100, 15529), (110, 15571), (112, 15598), (139, 15700), (157, 15751), (183, 15880), (186, 15886), (193, 15907), (205, 15967), (208, 15982),

Gene: Tycho_21 Start: 16586, Stop: 17413, Start Num: 13

Candidate Starts for Tycho_21:

(Start: 13 @16586 has 44 MA's), (20, 16595), (53, 16697), (74, 16787), (105, 16928), (112, 16976), (125, 17027), (139, 17081), (157, 17132), (161, 17150), (167, 17180), (171, 17201), (177, 17237), (186, 17267), (205, 17348), (209, 17366), (211, 17381),

Gene: Tydolla_15 Start: 13878, Stop: 14687, Start Num: 15

Candidate Starts for Tydolla_15:

(Start: 15 @13878 has 48 MA's), (40, 13941), (55, 14004), (76, 14100), (85, 14148), (87, 14154), (96, 14202), (111, 14274), (119, 14304), (127, 14325), (141, 14385), (149, 14406), (166, 14472), (207, 14613), (208, 14616),

Gene: TyrionL_12 Start: 11161, Stop: 11958, Start Num: 11

Candidate Starts for TyrionL_12:

(Start: 11 @11161 has 341 MA's), (23, 11182), (28, 11194), (33, 11206), (87, 11437), (96, 11485), (111, 11557), (125, 11602), (131, 11626), (144, 11677), (164, 11731), (175, 11788), (188, 11827),

Gene: UAch1_13 Start: 11602, Stop: 12405, Start Num: 11

Candidate Starts for UAch1_13:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: UncleHowie_13 Start: 11309, Stop: 12112, Start Num: 11

Candidate Starts for UncleHowie_13:

(Start: 11 @11309 has 341 MA's), (23, 11330), (28, 11342), (33, 11354), (71, 11516), (87, 11585), (96, 11633), (111, 11705), (125, 11750), (131, 11774), (144, 11825), (164, 11879), (175, 11936), (188, 11975),

Gene: Usavi_13 Start: 11599, Stop: 12402, Start Num: 11

Candidate Starts for Usavi_13:

(Start: 11 @11599 has 341 MA's), (23, 11620), (28, 11632), (33, 11644), (71, 11806), (87, 11875), (96, 11923), (111, 11995), (125, 12040), (131, 12064), (144, 12115), (164, 12169), (175, 12226), (188, 12265),

Gene: Vaishali24_12 Start: 11274, Stop: 12077, Start Num: 11

Candidate Starts for Vaishali24_12:

(Start: 11 @11274 has 341 MA's), (23, 11295), (28, 11307), (33, 11319), (71, 11481), (87, 11550), (96, 11598), (111, 11670), (125, 11715), (131, 11739), (144, 11790), (164, 11844), (175, 11901), (188, 11940),

Gene: Valary_23 Start: 14709, Stop: 15521, Start Num: 22

Candidate Starts for Valary_23:

(Start: 22 @14709 has 30 MA's), (48, 14790), (84, 14940), (112, 15087), (122, 15123), (156, 15237), (217, 15507),

Gene: Valjean_13 Start: 11602, Stop: 12399, Start Num: 11

Candidate Starts for Valjean_13:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: VanDeWege_23 Start: 14637, Stop: 15449, Start Num: 22

Candidate Starts for VanDeWege_23:

(Start: 22 @14637 has 30 MA's), (48, 14718), (84, 14868), (112, 15015), (122, 15051), (156, 15165), (217, 15435),

Gene: Vaticameos_13 Start: 11306, Stop: 12103, Start Num: 11

Candidate Starts for Vaticameos_13:

(Start: 11 @11306 has 341 MA's), (23, 11327), (28, 11339), (33, 11351), (71, 11513), (87, 11582), (96, 11630), (111, 11702), (125, 11747), (131, 11771), (144, 11822), (164, 11876), (175, 11933), (188, 11972),

Gene: Veritas_12 Start: 11149, Stop: 11946, Start Num: 11

Candidate Starts for Veritas_12:

(Start: 11 @11149 has 341 MA's), (23, 11170), (28, 11182), (33, 11194), (87, 11425), (96, 11473), (111, 11545), (125, 11590), (131, 11614), (144, 11665), (164, 11719), (175, 11776), (188, 11815),

Gene: Verity_22 Start: 17000, Stop: 17824, Start Num: 21

Candidate Starts for Verity_22:

(Start: 21 @17000 has 9 MA's), (44, 17072), (87, 17255), (95, 17282), (99, 17312), (112, 17384), (118, 17405), (139, 17486), (157, 17537), (162, 17558), (167, 17585), (177, 17642), (183, 17666), (186, 17672), (190, 17687), (193, 17693), (210, 17774), (211, 17786),

Gene: ViaConlectus_23 Start: 17552, Stop: 18376, Start Num: 21

Candidate Starts for ViaConlectus_23:

(Start: 21 @17552 has 9 MA's), (44, 17624), (61, 17690), (87, 17807), (99, 17864), (112, 17936), (118, 17957), (139, 18038), (142, 18059), (157, 18089), (162, 18110), (167, 18137), (183, 18218), (186, 18224), (193, 18245), (200, 18290), (204, 18302), (210, 18326),

Gene: Vic9_00016 Start: 14972, Stop: 15790, Start Num: 9

Candidate Starts for Vic9_00016:

(Start: 9 @14972 has 34 MA's), (55, 15116), (56, 15122), (84, 15251), (85, 15257), (97, 15317), (107, 15356), (112, 15395), (127, 15434), (154, 15530), (166, 15578), (175, 15620), (187, 15656), (208, 15722),

Gene: Vincenzo_14 Start: 14119, Stop: 14907, Start Num: 11

Candidate Starts for Vincenzo_14:

(Start: 11 @14119 has 341 MA's), (26, 14140), (28, 14143), (33, 14155), (86, 14386), (87, 14389), (101, 14458), (106, 14479), (111, 14509), (133, 14593), (144, 14641), (175, 14752), (189, 14794), (204, 14836), (215, 14884),

Gene: VioletZ_13 Start: 13349, Stop: 14143, Start Num: 11

Candidate Starts for VioletZ_13:

(Start: 11 @13349 has 341 MA's), (23, 13370), (55, 13481), (85, 13619), (96, 13673), (101, 13694), (106, 13715), (108, 13721), (127, 13808), (138, 13850), (166, 13946), (167, 13949), (175, 13988), (189, 14030), (204, 14072), (215, 14120),

Gene: Virapocalypse_13 Start: 11600, Stop: 12397, Start Num: 11

Candidate Starts for Virapocalypse_13:

(Start: 11 @11600 has 341 MA's), (23, 11621), (28, 11633), (33, 11645), (71, 11807), (87, 11876), (96, 11924), (111, 11996), (125, 12041), (131, 12065), (144, 12116), (164, 12170), (175, 12227), (188, 12266),

Gene: Virgeve_12 Start: 11309, Stop: 12112, Start Num: 11

Candidate Starts for Virgeve_12:

(Start: 11 @11309 has 341 MA's), (23, 11330), (28, 11342), (33, 11354), (71, 11516), (87, 11585), (96, 11633), (111, 11705), (125, 11750), (131, 11774), (144, 11825), (164, 11879), (175, 11936), (188, 11975),

Gene: Vista_13 Start: 11605, Stop: 12402, Start Num: 11

Candidate Starts for Vista_13:

(Start: 11 @11605 has 341 MA's), (23, 11626), (28, 11638), (33, 11650), (71, 11812), (87, 11881), (96, 11929), (111, 12001), (125, 12046), (131, 12070), (144, 12121), (164, 12175), (175, 12232), (188, 12271),

Gene: Vivaldi_13 Start: 11600, Stop: 12403, Start Num: 11

Candidate Starts for Vivaldi_13:

(Start: 11 @11600 has 341 MA's), (23, 11621), (28, 11633), (33, 11645), (71, 11807), (87, 11876), (96, 11924), (111, 11996), (125, 12041), (131, 12065), (144, 12116), (164, 12170), (175, 12227), (188,

12266),

Gene: Vivi2_21 Start: 17307, Stop: 18137, Start Num: 13

Candidate Starts for Vivi2_21:

(Start: 13 @17307 has 44 MA's), (20, 17316), (53, 17421), (74, 17511), (87, 17565), (92, 17589), (105, 17652), (112, 17700), (120, 17727), (127, 17757), (157, 17856), (167, 17904), (177, 17961), (183, 17985), (186, 17991), (201, 18060), (205, 18072), (209, 18090), (211, 18105),

Gene: Vortex_13 Start: 11310, Stop: 12113, Start Num: 11

Candidate Starts for Vortex_13:

(Start: 11 @11310 has 341 MA's), (23, 11331), (28, 11343), (33, 11355), (71, 11517), (87, 11586), (96, 11634), (111, 11706), (125, 11751), (131, 11775), (144, 11826), (164, 11880), (175, 11937), (188, 11976),

Gene: WaddleDee_76 Start: 45593, Stop: 46462, Start Num: 11

Candidate Starts for WaddleDee_76:

(Start: 11 @45593 has 341 MA's), (33, 45638), (43, 45674), (93, 45926), (120, 46055), (142, 46145), (176, 46277),

Gene: Waleliano_13 Start: 13346, Stop: 14140, Start Num: 11

Candidate Starts for Waleliano_13:

(Start: 11 @13346 has 341 MA's), (23, 13367), (28, 13379), (55, 13478), (85, 13616), (96, 13670), (101, 13691), (106, 13712), (108, 13718), (111, 13742), (127, 13805), (138, 13847), (166, 13943), (175, 13985), (189, 14027), (204, 14069), (215, 14117),

Gene: Wallhey_12 Start: 11161, Stop: 11958, Start Num: 11

Candidate Starts for Wallhey_12:

(Start: 11 @11161 has 341 MA's), (23, 11182), (28, 11194), (33, 11206), (87, 11437), (96, 11485), (111, 11557), (125, 11602), (131, 11626), (144, 11677), (164, 11731), (175, 11788), (188, 11827),

Gene: Waterdiva_13 Start: 11603, Stop: 12400, Start Num: 11

Candidate Starts for Waterdiva_13:

(Start: 11 @11603 has 341 MA's), (23, 11624), (28, 11636), (33, 11648), (87, 11879), (96, 11927), (111, 11999), (125, 12044), (131, 12068), (144, 12119), (164, 12173), (175, 12230), (188, 12269),

Gene: Weher20_13 Start: 11599, Stop: 12396, Start Num: 11

Candidate Starts for Weher20_13:

(Start: 11 @11599 has 341 MA's), (23, 11620), (28, 11632), (33, 11644), (71, 11806), (87, 11875), (96, 11923), (111, 11995), (125, 12040), (131, 12064), (144, 12115), (164, 12169), (175, 12226), (188, 12265),

Gene: West99_16 Start: 14652, Stop: 15470, Start Num: 9

Candidate Starts for West99_16:

(Start: 9 @14652 has 34 MA's), (55, 14796), (72, 14877), (84, 14931), (85, 14937), (97, 14997), (107, 15036), (112, 15075), (127, 15114), (154, 15210), (166, 15258), (175, 15300), (187, 15336), (208, 15402),

Gene: Windsor_12 Start: 11263, Stop: 12066, Start Num: 11

Candidate Starts for Windsor_12:

(Start: 11 @11263 has 341 MA's), (23, 11284), (28, 11296), (33, 11308), (71, 11470), (87, 11539), (96, 11587), (111, 11659), (125, 11704), (131, 11728), (144, 11779), (164, 11833), (175, 11890), (188, 11929),

Gene: Wizard_20 Start: 13964, Stop: 14776, Start Num: 22

Candidate Starts for Wizard_20:

(Start: 22 @13964 has 30 MA's), (48, 14045), (84, 14195), (112, 14342), (122, 14378), (156, 14492), (217, 14762),

Gene: Wooper_14 Start: 13117, Stop: 13890, Start Num: 11

Candidate Starts for Wooper_14:

(Start: 11 @13117 has 341 MA's), (55, 13249), (108, 13480), (124, 13546), (127, 13555), (166, 13699), (204, 13825), (207, 13840),

Gene: Xavier_12 Start: 11309, Stop: 12112, Start Num: 11

Candidate Starts for Xavier_12:

(Start: 11 @11309 has 341 MA's), (23, 11330), (28, 11342), (33, 11354), (71, 11516), (87, 11585), (96, 11633), (111, 11705), (125, 11750), (131, 11774), (144, 11825), (164, 11879), (175, 11936), (188, 11975),

Gene: Xincheng_13 Start: 13170, Stop: 13964, Start Num: 11

Candidate Starts for Xincheng_13:

(Start: 11 @13170 has 341 MA's), (23, 13191), (28, 13203), (45, 13257), (55, 13302), (85, 13440), (96, 13494), (101, 13515), (106, 13536), (108, 13542), (111, 13566), (127, 13629), (138, 13671), (166, 13767), (167, 13770), (175, 13809), (189, 13851), (204, 13893), (215, 13941),

Gene: Yago84_12 Start: 11977, Stop: 12759, Start Num: 11

Candidate Starts for Yago84_12:

(Start: 11 @11977 has 341 MA's), (28, 12016), (46, 12070), (97, 12310), (103, 12334), (139, 12472), (143, 12493), (170, 12589), (174, 12610), (178, 12628), (189, 12655), (212, 12736),

Gene: Yahalom_15 Start: 13152, Stop: 13961, Start Num: 15

Candidate Starts for Yahalom_15:

(Start: 15 @13152 has 48 MA's), (40, 13215), (55, 13278), (76, 13374), (85, 13422), (87, 13428), (96, 13476), (111, 13548), (119, 13578), (127, 13599), (141, 13659), (149, 13680), (166, 13746), (207, 13887), (208, 13890),

Gene: Yeshua_14 Start: 13124, Stop: 13897, Start Num: 11

Candidate Starts for Yeshua_14:

(Start: 11 @13124 has 341 MA's), (55, 13256), (108, 13487), (124, 13553), (127, 13562), (160, 13676), (166, 13706), (202, 13826), (207, 13847),

Gene: Yinz_15 Start: 13179, Stop: 13988, Start Num: 15

Candidate Starts for Yinz_15:

(Start: 15 @13179 has 48 MA's), (40, 13242), (55, 13305), (76, 13401), (85, 13449), (87, 13455), (96, 13503), (111, 13575), (119, 13605), (122, 13608), (127, 13626), (141, 13686), (149, 13707), (166, 13773), (207, 13914), (208, 13917),

Gene: YorkOnyx_22 Start: 16855, Stop: 17682, Start Num: 13

Candidate Starts for YorkOnyx_22:

(Start: 13 @16855 has 44 MA's), (20, 16864), (53, 16966), (74, 17056), (105, 17197), (112, 17245), (125, 17296), (139, 17350), (157, 17401), (161, 17419), (167, 17449), (171, 17470), (177, 17506), (186, 17536), (205, 17617), (209, 17635), (211, 17650),

Gene: Yoshand_13 Start: 11600, Stop: 12403, Start Num: 11

Candidate Starts for Yoshand_13:

(Start: 11 @11600 has 341 MA's), (23, 11621), (28, 11633), (33, 11645), (71, 11807), (87, 11876), (96, 11924), (111, 11996), (125, 12041), (131, 12065), (144, 12116), (164, 12170), (175, 12227), (188, 12266),

Gene: YouGoGlencoco_13 Start: 11599, Stop: 12396, Start Num: 11

Candidate Starts for YouGoGlencoco_13:

(Start: 11 @11599 has 341 MA's), (23, 11620), (28, 11632), (33, 11644), (71, 11806), (87, 11875), (96, 11923), (111, 11995), (125, 12040), (131, 12064), (144, 12115), (164, 12169), (175, 12226), (188, 12265),

Gene: YungMoney_22 Start: 15274, Stop: 16086, Start Num: 22

Candidate Starts for YungMoney_22:

(Start: 22 @15274 has 30 MA's), (48, 15355), (84, 15505), (110, 15625), (112, 15652), (156, 15802), (168, 15856), (183, 15934), (217, 16072),

Gene: Zaider_14 Start: 11832, Stop: 12629, Start Num: 11

Candidate Starts for Zaider_14:

(Start: 11 @11832 has 341 MA's), (23, 11853), (28, 11865), (33, 11877), (71, 12039), (87, 12108), (96, 12156), (111, 12228), (125, 12273), (131, 12297), (144, 12348), (164, 12402), (175, 12459), (188, 12498),

Gene: Zelda_13 Start: 11602, Stop: 12399, Start Num: 11

Candidate Starts for Zelda_13:

(Start: 11 @11602 has 341 MA's), (23, 11623), (28, 11635), (33, 11647), (71, 11809), (87, 11878), (96, 11926), (111, 11998), (125, 12043), (131, 12067), (144, 12118), (164, 12172), (175, 12229), (188, 12268),

Gene: Zemanar_14 Start: 13346, Stop: 14140, Start Num: 11

Candidate Starts for Zemanar_14:

(Start: 11 @13346 has 341 MA's), (23, 13367), (28, 13379), (55, 13478), (85, 13616), (96, 13670), (101, 13691), (106, 13712), (108, 13718), (111, 13742), (127, 13805), (138, 13847), (166, 13943), (175, 13985), (189, 14027), (204, 14069), (215, 14117),

Gene: Zenteno07_18 Start: 12750, Stop: 13520, Start Num: 15

Candidate Starts for Zenteno07_18:

(Start: 15 @12750 has 48 MA's), (23, 12762), (55, 12870), (56, 12876), (71, 12948), (86, 13014), (127, 13191), (175, 13371), (189, 13413), (204, 13455), (215, 13503),

Gene: Zipp_22 Start: 17649, Stop: 18473, Start Num: 21

Candidate Starts for Zipp_22:

(Start: 21 @17649 has 9 MA's), (44, 17721), (87, 17904), (95, 17931), (99, 17961), (112, 18033), (118, 18054), (139, 18135), (157, 18186), (162, 18207), (167, 18234), (177, 18291), (183, 18315), (186, 18321), (190, 18336), (193, 18342), (210, 18423), (211, 18435),

Gene: Zitch_24 Start: 16782, Stop: 17606, Start Num: 21

Candidate Starts for Zitch_24:

(17, 16773), (Start: 21 @16782 has 9 MA's), (44, 16854), (61, 16920), (87, 17037), (99, 17094), (112, 17166), (118, 17187), (139, 17268), (142, 17289), (157, 17319), (162, 17340), (167, 17367), (183, 17448), (186, 17454), (193, 17475), (210, 17556),

Gene: Zonia_13 Start: 11616, Stop: 12413, Start Num: 11

Candidate Starts for Zonia_13:

(Start: 11 @11616 has 341 MA's), (23, 11637), (28, 11649), (33, 11661), (87, 11892), (96, 11940), (111, 12012), (125, 12057), (131, 12081), (144, 12132), (164, 12186), (175, 12243), (188, 12282),

Gene: Zooman_74 Start: 44530, Stop: 45405, Start Num: 11

Candidate Starts for Zooman_74:

(Start: 11 @44530 has 341 MA's), (38, 44593), (43, 44605), (140, 45067),

Gene: phiAsp2_15 Start: 10148, Stop: 10969, Start Num: 32

Candidate Starts for phiAsp2_15:

(29, 10142), (32, 10148), (68, 10304), (72, 10319), (84, 10379), (87, 10388), (117, 10565), (126, 10601), (127, 10604), (139, 10652), (146, 10679), (203, 10883), (204, 10886),